



# Social Behavior In Farm Animals

**Clifford Lane**



## **Social Behavior In Farm Animals:**

**Social Behavior in Farm Animals** J. L. Keeling, 2001 An understanding of social behaviour is increasingly necessary in farm animal husbandry as more animals are housed in groups rather than in individual stalls or pens There may be economic or welfare reasons for such housing This book is the first to specifically address this important subject The chapters fall into three broad subject areas concepts in social behaviour species specific chapters current issues Authors include leading experts from Europe North America Australia and New Zealand Animal welfare behaviour issues are becoming increasingly important Combines theoretical and practical details about the social behaviour of our most common farm species Written by leading experts from around the world **Social Behaviour in Farm Animals** Linda J. Keeling, Harold W. Gonyou, 2001 Animal welfare behavior issues are becoming increasingly important Combines theoretical and practical details about the social behavior of our most common farm species Written by leading experts from around the world An understanding of social behavior is increasingly necessary in farm animal husbandry as more animals are housed in groups rather than in individual stalls or pens There may be economic or welfare reasons for such housing This book is the first to specifically address this important subject The chapters fall into three broad subject areas concepts in social behavior species specific chapters and current issues Authors include leading experts from Europe North America Australia and New Zealand **Bibliography on the Control and Management of the Coyote and Related Canids with Selected References on Animal Physiology, Behaviour, Control Methods and Reproduction** E. H. Dolnick, R. L. Medford, R. J. Schied, 1976 **Farm Animal Behaviour and Welfare** Andrew Ferguson Fraser, Donald M. Broom, 1990 Fundamental processes in behaviour Experience learning and behaviour development Motivation Evolution and optimality Neuroethology Hormones and pheromones Organization of behaviour in the individual animal Reactivity to predators and social stimuli Feeding Body care Locomotion and other movements Exploration Spacing behaviour Rest and sleep Social and reproductive behaviour General social behaviour Association Social interaction Reproductive abilitation Female sexual behaviour Male sexual behaviour Copulation Early behaviour and parental behaviour Fetal behaviour Parturient behaviour Maternal behaviour Neonatal behaviour Juvenile behaviour Play practice and exercise Welfare Welfare terminology and concepts Welfare measurement Humane control of livestock Welfare and behaviour in relation to disease Abnormal behaviour 1 Stereotypies Abnormal behaviour 2 Self directed and environment directed Abnormal behaviour 3 Addressed to another animal Abnormal behaviour 4 Failure of function Abnormal behaviour 5 Anomalous reactivity Cattle welfare problems Pig welfare problems Poultry welfare problems

**Immunomodulation in Domestic Food Animals** Bernald Charley, 1990-11-28 Immunomodulation in Domestic Food Animals covers the developments in the immunology and regulation of the immune response in domestic food animals This book is organized into four parts encompassing 12 chapters that describe numerous factors affecting an immune response of animals and the management of these factors for food animal production Part I provides an overview of the basic concepts of

immunomodulation and the rationale for manipulating the immune response in food animals Part II contains information on immunopotential using chemicals and a thorough discussion of adjuvant use The molecular biology and in vivo use of cytokines in food animals is presented in Part III Lastly Part IV discusses physiologically regulated immunomodulation including nutritional modulation of the immune response and neuroendocrine immune interactions This book is of great value to immunologists microbiologists and feed scientists and researchers *Animal Breeding, Welfare and Society* Jacky Turner, 2010-08-12 The determination of when how often and with whom an animal breeds has moved away from evolutionary pressures towards our own purposes these include the breeding and use of around 50 billion mammals and birds for food production annually the breeding of pedigree dogs cats racing dogs and horses specialized laboratory animal strains and the use of reproductive science to breed endangered species in zoos and to attempt to limit unwanted populations of pests and non native species This book discusses the methods the motivations and the consequences of human intervention in animal breeding in terms of what we know about animal behavior and well being It sets out to challenge both our practice and our assumptions those of society as a whole and the many professionals involved in the worldwide animal reproduction business It explores where we are now and proposes a future where we have more respect for animals as sentient beings and have loosened the reins of reproductive control **The Buffalo (*Bubalus bubalis*) - Production and Research** Giorgio A. Presicce, 2017-03-31 This handbook aims at focusing on the husbandry of the common water buffalo *Bubalis bubalis* The book covers a broad range of topics such as the buffalo s genetic evolution cytogenetics subspecies breed diversification feeding and metabolic specificity adaptable response to environmental stress factors welfare dairy requirements and production reproduction and embryo technologies cryopreservation sperm cell sexing somatic cell cloning and transgenesis Chapters presented and reviewed in this book have been contributed by renowned scientists that have devoted years of research to the understanding of this species and highlight the most recent advances in basic and applied science to unveil the understanding of physiological facets intrinsic to this animal species The depth of the selected topics makes this book especially suited for readers of all academic levels of study Researchers students and professionals will find this book a useful guide to breeding and farming the water buffalo **Dairy Cattle Welfare in Practice** Eva Mainau, Deborah Temple, Pol Llonch, 2022-03-31 Dairy Cattle Welfare in Practice takes a very practical approach first outlining what welfare is using the Five Freedoms as a baseline before making the business case for good welfare It demonstrates how poor welfare can lead to economic losses and using case studies to show how welfare improvements have led to increased productivity Assessing animal welfare on the farm is also covered and practical strategies for improving welfare on the farm are provided 5m Books **The Bible and Farm Animal Welfare** David Grumett, 2024-07-11 The Bible was composed by and for people who farmed animals and observed them every day It contains many descriptions of farm animals and farming images that use farm animals and prescriptions relating to husbandry practices Farm animals are viewed as part

of God's creation with their own purposes and modes of flourishing Both the Old and New Testaments take their welfare seriously prohibiting practices that cause pain or suffering and endorsing methods that promote welfare These prohibitions and endorsements are consistent with modern animal welfare science Examining animal groups bodies behavior and stockpersons this book shows that a biblical understanding of farm animal welfare is scientifically valid and should motivate both farmers and consumers to take welfare seriously

*Behavior and Welfare of the Individual Within Large, Commercially-Relevant Groups* Michael Toscano, Dana L. M. Campbell, Rebecca K. Meagher, 2021-05-18

*Reproduction in Farm Animals* E. S. E. Hafez, B. Hafez, 2013-05-13 When you're looking for a comprehensive and reliable text on large animal reproduction look no further the seventh edition of this classic text is geared for the undergraduate student in Agricultural Sciences and Veterinary Medicine In response to reader feedback Dr Hafez has streamlined and edited the entire text to remove all repetitious and nonessential material That means you'll learn more in fewer pages Plus the seventh editing is filled with features that help you grasp the concepts of reproduction in farm animals so you'll perform better on exams and in practice condensed and simplified tables so they're easier to consult an easy-to-scan glossary at the end of the book an expanded appendix which includes graphic illustrations of assisted reproduction technology Plus you'll find valuable NEW COVERAGE on all these topics Equine Reproduction expanded information reflecting today's knowledge Llamas NEW CHAPTER Micromanipulation of Gametes and In Vitro Fertilization NEW CHAPTER Reach for the text that's revised with the undergraduate in mind the seventh edition of Hafez's *Reproduction in Farm Animals*

*Nutrition and the Welfare of Farm Animals* Clive J. C. Phillips, 2016-05-12 This book explores the importance of good nutrition in ensuring an adequate standard of welfare for farm animals It is often not realized that farm animals can suffer when they are fed unsuitable diets which may be because these diets are more economic or the farmer does not know how to rectify poor nutrition This book reveals how to recognize and deal with feeding problems in farm animals when the animal's behaviour is indicating a deficiency through oral stereotypies for example Feeding livestock in emergency situations can present special challenges and the availability of clean and potable water one of the essential components of life can also be an unrecognized problem for many farm animals Feeding farm animals effectively is rarely recognized for the major welfare issue that it is We may assume that animals in intensive husbandry conditions have adequate feed yet it is often too concentrated and designed primarily to immediately maximize production from the animals in the form of growth milk yield or reproduction In extensive rangeland conditions adequate feed supply also cannot be assured potentially leading to undernutrition with serious consequences for the health and even survival of livestock This book will provide a much needed review of the relationships between nutrition and the welfare of farm animals

**Genetics and the Behavior of Domestic Animals** Temple Grandin, 2022-07-03 Genetics and the Behavior of Domestic Animals Third Edition offers the latest and most valuable information on animal science and behavioral genetics carrying on the book's legacy since its original publication in 1998 This book synthesizes research from

behavioral genetics and animal and veterinary science bridging the gap between these fields The objective is to show that principles of behavioral genetics have practical applications to agricultural and companion animals The continuing domestication of animals is a complex process whose myriad impacts on animal behavior are commonly under appreciated Genetic factors play a significant role in both species specific behaviors and behavioral differences exhibited by individuals in the same species Leading authorities explore the impact of increased intensities of selection on domestic animal behavior Rodents cattle pigs sheep horses herding and guard dogs and poultry are all included in these discussions of genetics and behavior making this book useful to veterinarians livestock producers laboratory animal researchers and technicians animal trainers and breeders and any researcher interested in animal behavior Genetics and the Behavior of Domestic Animals Third Edition is the most valuable resource for researchers and practitioners in animal and veterinary science animal behavior genetics ethology and similar fields Advanced undergraduate and graduate students in these disciplines will also benefit from the global expertise featured in this newest edition Provides full and thorough updates to all chapters ensuring dissemination of the latest data and research Synthesizes research from behavioral genetics animal science and veterinary literature Broaches fields of behavior genetics and behavioral research Includes practical applications of principles discovered by behavioral genetics researchers Covers many species ranging from pigs dogs foxes rodents cattle horses and cats

*Information Resources for the Care and Welfare of Dairy Cattle* Cynthia Petrie Smith, 2002      **Introduction to Animal**

**Behavior and Veterinary Behavioral Medicine** Meghan E. Herron, 2024-07-03 Understand and apply key concepts of animal behavior in veterinary practice Animal behavior is a critical aspect of veterinary medicine often underappreciated despite its pervasiveness throughout the field Understanding animal behavior can facilitate communication with patients refine diagnoses and indications of ill health and aid in processes of learning and socialization Introduction to Animal Behavior and Veterinary Behavioral Medicine offers a comprehensive overview of the key concepts underlying the behavior of multiple animal species before demonstrating how to apply these concepts clinically The result is an indispensable resource for veterinary students and practitioners who want to deepen their understanding of patient needs Introduction to Animal Behavior and Veterinary Behavioral Medicine readers will also find Comprehensive coverage of companion animal behavior and additional coverage of livestock and wild animal behavior Detailed discussion of topics including social development animal learning and applied behavior analysis In depth review of diagnosis and treatment strategies for common behavior disorders in companion animals extending to various additional species Companion website with videos handouts for downloading and links to pertinent scientific articles and informative websites Introduction to Animal Behavior and Veterinary Behavioral Medicine is ideal preparation for veterinary medical students as part of day one readiness in their professional careers as well as veterinary practitioners looking for a solid foundation in animal behavior and the treatment of key issues      *Animal Husbandry* Sándor Kukovics, 2022-11-09 This volume presents selected issues in the complex and

diverse science of animal husbandry The use of computer programs provides an opportunity to improve breeding and optimize farm management At the same time the use of traditional breeding methods is also of decisive importance Knowledge of animal welfare and animal wellness is of great help in controlling animal health issues and in economic production In the biological processes of reproduction of dairy cows the events of the 100 days after calving are of fundamental importance Production systems influence the process of product production in which the relationship between animal products and human health goes far beyond animal husbandry and to which the issue of greenhouse gases is also connected The quality of manufactured meat products is influenced by both on farm and off farm factors but good meat cannot be produced from low quality animals even with excellent slaughterhouse work Background knowledge of animal health including the microbiome in the digestive tract which makes use of the feed makes this activity more effective which is of particular importance in the case of broiler chickens Knowing the behavioural characteristics of animals rams enables better management Many horse breeds are capable of artificial gaits as a result of breeding and selection processes Comparative knowledge of the movements of these horse breeds also helps to understand their differences The quality of life of animals and the quality of manufactured products are also affected by polycyclic aromatic hydrocarbons from the environment which being stored and enriched in fat containing tissues can also have adverse effects on the human consumer Each topic presented not only offers specialist knowledge but makes interesting reading in its own right *Integration of Ethical and Social Aspects into Precision Livestock Farming – Achieving Real-World Impact Responsibly* Oleksiy

Guzhva, Janice Siegford, 2022-02-03 **Understanding the behaviour and improving the welfare of dairy cattle** Prof Marcia Endres, 2021-02-23 Particularly strong focus on understanding dairy cattle behaviour as the foundation for improving welfare in such areas as cognition and learning pain and stress as well as social behaviour Covers developments in more animal outcome based welfare indicators as well as advanced sensor acoustic and video techniques for monitoring behaviour and welfare Comprehensive review of welfare issues across the value chain from calves and heifers to culling Animal Welfare Assessment, Volume II Edward Narayan, Alan G. McElligott, 2021-09-30 Production Diseases in Farm Animals Josef Johann Gross, 2024-05-26 This textbook deals comprehensively with livestock production diseases and their prevention in the major species ruminants swine and poultry It gives an interdisciplinary view on pathophysiology prophylaxis and health management Livestock breeding and husbandry is often accompanied by a conflict of interest between the animal's biological requirements and economic producer needs This conflict is increasingly gaining attention not only by producers animal scientists and veterinarians but also by the public It creates significant future challenges which are described and addressed in this book The main topics covered are the use of antimicrobials with emphasis on security and safety for producers consumers the impact of locomotion disorders on performance and welfare of farm animals the interactions of gut microbiome genetics climate change metabolic status and mineral homeostasis with reproduction performance animal health

and welfare infectious and respiratory diseases the raising of neonates A special section is devoted to behavioural signs indicating an impaired animal welfare These are the basis for precision livestock farming PLF technology and the development of new management concepts The present work is a valuable resource for veterinarians students as well as expert readers from animal and agricultural sciences food safety and technology Supplementary videos can be accessed online as well as directly from the print book simply download the Springer Nature More Media App for free and scan the links with the play button



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