

Social Stress in Domestic Animals

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M Carnoy



Social Stress In Domestic Animals:

Social Stress in Domestic Animals R. Zayan, Robert Dantzer, 1990-01-31 *The Impact of Therapy and Pet Animals on Human Stress* Lori Kogan, 2024-11-13 Stress can have a deleterious effect on people's mental, physical and psychological health. There is a growing body of evidence, however, that suggests animals both as pets and therapy partners can help mitigate people's stress levels. This book showcases a rich collection of research papers from Human Animal Interactions. It highlights research pertaining to pets as well as animal-assisted therapy in both school and professional settings. The book also includes a scene-setting introduction and wrap-up conclusion from the editor. Providing comprehensive information on the impact of animals on human stress, this book is a useful resource for anyone interested in human health or human-animal relationships.

The Ethology of Domestic Animals Per Jensen, 2017-09-27 Completely updated, revised and redesigned in colour throughout, this classic bestselling text continues to provide a concise introduction to the important fundamentals of animal behaviour from genetics, physiology, motivation, learning and cognition through to social and reproductive behaviour, abnormal behaviour and human-animal interactions. This text remains a highly respected essential resource for both students and lecturers in animal and veterinary science, animal welfare, zoology and psychology.

Biology of Domestic Animals Colin G. Scanes, Rodney A. Hill, 2017-09-01 There is increasing interest in the biology of domestic animals ranging from genomics, transcriptomics, metabolomics, nutritional physiology and systems biology. This book touches on all of these with a particular focus on topics such as domestic animals as comparative models to humans, molecular regulation of growth, metabolic efficiency, reproduction and the impact of stress on growth and development. The book concludes with a discussion on the current and future directions for researchers.

Training Material for Animal Facility Personnel John Timothy Allen, 1994

Assisted Reproductive Technologies in Animals Volume 1 Juan Carlos Gardón, Katy Satué Ambrojo, 2024-12-28 This Volume 1 of a two-volume topical collection highlights reproductive biotechnologies applied to males and females of different animal species. Organized in five parts, you will find a detailed review of the most relevant topics for reproduction management in equines, cattle, swine and small ruminants. The authors discuss genomic selection, the use of ultrasound, sperm evaluation and conservation, oocyte retrieval, embryonic development and significant clinical aspects such as stress and physiological impacts including thermal conditions. Each contributor brings an own perspective, knowledge and writing style, resulting in the latest research results, advances and current trends in assisted reproductive technologies. The volume also includes case studies and hands-on examples to provide readers with real-life applications. The practical approach will enhance the learning experience and differentiates this work from mainly theoretical literature. Specifically tailored to the professional audience within the field of assisted animal reproduction, this book will update veterinarians, researchers, animal breeders and advanced students. By presenting innovative techniques and approaches not widely covered in other works, this volume offers new perspectives and ideas for reproductive management.

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 underappreciated. 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. Research and Development in Relation to Farm Animal Welfare

Duncan, Baldwin, Bareham, Ewbank, Hardwick, VESTERGAARD, 2013-11-22 **Principles and Applications of Domestic**

Animal Behavior Edward O. Price, 2008 In order to understand and manage animals in their natural or captive environments, we must first understand why animals do what they do and recognize limitations in their ability to adapt to different environments. Drawing on the author's considerable experience in both teaching and research, this introductory level textbook describes the basic principles underlying animal behavior and how those concepts can be used in managing the care of domestic and captive wild animals, covering four key themes: development of behavior, biological rhythms, social behavior, and behavioral aspects of animal management. Extensively illustrated with many practical examples and over 150 photos and figures, the book will be essential reading for animal science and veterinary students. Personality in

Nonhuman Animals Jennifer Vonk, Alexander Weiss, Stan A. Kuczaj, 2017-07-26 This stimulating and comprehensive collection brings together multiple perspectives on the topic of personality in nonhuman animals, linking historical perspectives, theoretical approaches, methods, and cutting-edge discoveries. Experts from various fields describe their findings on species ranging from dogs, cats, chimpanzees, and dolphins to sharks, snakes, and other reptiles. Chapters not only discuss the evolution of personality but also describe potential applications within the areas of animal-human interactions, animal ethics, and

welfare conservation science and other areas A key focus is the role of genetics and the environment in determining animal behavior and personality including related traits such as creativity and boredom These chapters present the study of personality in nonhumans as a means by which we can better understand medical and psychological issues specific to our own species as well Chapters include Exploring factor space and other adventures with the Hominoid Personality Questionnaire The quantitative and molecular genetics of individual differences in animal personality Personality temperament and individuality in reptile behavior What do we want to know about personality in marine mammals Individual differences in nonhuman animals examining boredom curiosity and creativity The interplay between animal personality and foraging ecology Taking significant steps in advancing the study of animal personality Personality in Nonhuman Animals will engage personality psychologists comparative psychologists and behavior ecologists as well as conservationists zookeepers livestock managers and all those interested in the brain and behavior of animals

The Experimental Animal in Biomedical Research Bernard E. Rollin, 1995-03-13 This volume focuses on considerations that maximize both scientific benefit and animal well being for major species of animals used in biomedical research Each species is discussed in terms of uses in research basic biology husbandry requirements proper handling disease control anesthesia analgesia and stress control natural behavior behavioral needs psychological needs and social needs and ideal environment for the animals This book is a must for anyone working with experimental animals

Mental Health and Well-being in Animals, 3rd Edition Franklin D. McMillan, 2025-06-16 Since the publication of the first edition of this book professional and public concern for the well being of animals has continued to increase throughout the world Advances in research and technologies have yielded an enormous amount of new knowledge about animal mental health and well being Thoroughly updated and revised with additional illustrations and photographs throughout this book remains invaluable to veterinary professionals animal welfare researchers and advocates ethologists and other animal caregivers

Animal Welfare, 3rd Edition Michael C Appleby, Anna S Olsson, Francisco Galindo, 2018-02-26 Updated and revised this bestselling textbook continues to provide a broad introduction to the key topics in the welfare of animals both large and small farm and companion wild and zoo It retains all the popular features of the previous editions with coverage of key issues such as ethics animal pain and injury health and disease social conditions and welfare dilemmas and problems Importantly it also offers practical advice for welfare assessment with a full section dedicated to the implementation of solutions With contributions from renowned international experts and a new editorial team Animal Welfare 3rd Edition is an essential resource for students and researchers in animal and veterinary sciences and other disciplines considering the science and practice of animal welfare and for practitioners and decision makers worldwide

Understanding, Assessing and Improving Farm Animal Welfare Luc Mounier, 2024-10-07 Improving welfare in farmed animals is good for productivity consumer demand and of course the animals themselves Covering the current scientific knowledge on the sensitivity and consciousness of animals this

translation of the Le Bien tre des animaux d levage series reviews how to understand assess and then improve farm animal welfare Beginning with the philosophical and legal history of the consideration of their well being it synthesizes this information to build a common reference so that we all share the same notion of what animal welfare actually is It then evaluates the welfare assessment process which must be as reliable and objective as possible and require the use of appropriate indicators Fully outlined in reference documents these are summarized at the level of specific farming situations for easy reference Concluding with the different ways of improving animal welfare the book takes a holistic approach considering the animals physical and social environment the integrated management of their health the relationship between human and animal the management of animal suffering and treatment of animals during transportation and slaughter Suitable for students and researchers of animal agriculture animal science and veterinary medicine this book provides an approachable and comprehensive coverage of this important topic

Animal-centric Care and Management

Dorte Bratbo Sørensen, Sylvie Cloutier, Brianna N. Gaskill, 2020-10-14 The concept of the 3Rs Refinement Reduction and Replacement has been used as a framework for improving the welfare of laboratory animals for the last half century By establishing an animal centric view on housing and management Animal centric Care and Management Enhancing Refinement in Biomedical Research takes Russell and Burch s definition of Refinement as elimination of inhumanities and goes further Rather than fitting animals into experimental conditions it encourages readers to adjust conditions to better meet the behavioral emotional physical and physiological needs and preferences of the animals The team of expert authors from the fields of laboratory animal science ethology biology as well as animal training provide ideas for creating housing conditions and handling procedures that induce to the best of current abilities and knowledge a long term positive state of mind in the animals under our care This book is written for animal caretakers animal health technicians researchers animal facility managers laboratory animal veterinarians and anyone who engages in work with living experimental animals or is interested in the continuous improvement of laboratory animal welfare This interdisciplinary guide will act as a catalyst resulting in multiple viewpoints and fields collaborating to optimize laboratory animal welfare

Domestic Animal

Behaviou... Broom, D.M., Fraser, A.F., Behaviour is a significant indicator of health in animals and understanding behaviour is the key to good management Animal behaviour and animal welfare science are fast becoming core topics in the curricula of agriculture and veterinary students The eagerly awaited fourth edition of Farm Animal Behaviour and Welfare builds on the coverage of the previous edition fully updating it to take into account developments over the last 10 years This new edition covers companion animals as well as farm animal species including farmed fish It is an indispensable textbook covering the major and growing areas in agricultural and veterinary science and practice There is now a 5th Edition of this book for sale

The Encyclopedia of Applied Animal Behaviour and Welfare D. S. Mills, Jeremy N. Marchant-Forde, 2010 The practical focus of this authoritative comprehensive encyclopedia promotes the understanding and improvement of animals

behaviour without compromising welfare It will be an essential resource for practising veterinarians researchers and students in zoology and ethology and for all those working with and interested in animals and their welfare Book Jacket

Reproductive Technologies in Farm Animals, 2nd Edition Ian Gordon,2017-06-23 Building on the successful structure of the first edition the second edition of Reproductive Technologies in Farm Animals has been totally updated and revised to provide an up to date account of the key techniques employed in manipulating reproduction in farm animals including beef and dairy cattle pigs sheep goats buffaloes camelids horses and poultry A classic introductory text to the subject the book is based on a comprehensive review of the current literature This text remains key reading for students in animal science agriculture veterinary medicine and biology and veterinary practitioners and farmers who wish to keep updated on developments in techniques that may be useful in their daily practice

Humans in an Animal's World - How Non-Human Animals Perceive and Interact with Humans Christian Nawroth,Luigi Baciadonna,Nathan J. Emery,2021-10-20

Stress in Health and Disease Hans Selye,2013-10-22 Stress in Health and Disease presents the principal pathways mediating the response to a stressor It discusses the clinical background of cross resistance and treatment with stress hormones It addresses the diseases of adaptation or stress diseases diagnostic indicators and functional changes Some of the topics covered in the book are the concept of heterostasis stressors and conditioning agents morphology of frostbite characteristics manifestations of stress catecholamines and their derivatives various hormones and hormone like substances FFA triglycerides and lipoproteins morphologic changes and hypothalamo hypophyseal system The gastrointestinal diseases of adaptation are covered The schizophrenia and related psychoses is discussed The text describes the manic depressive disease and senile psychosis A study of the experimental cardiovascular diseases and neuropsychiatric diseases is presented A chapter is devoted to the diseases of adaptation in animals Another section focuses on the shift in adenohypophyseal activity and catatonic hormones The book can provide useful information to scientists doctors students and researchers

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