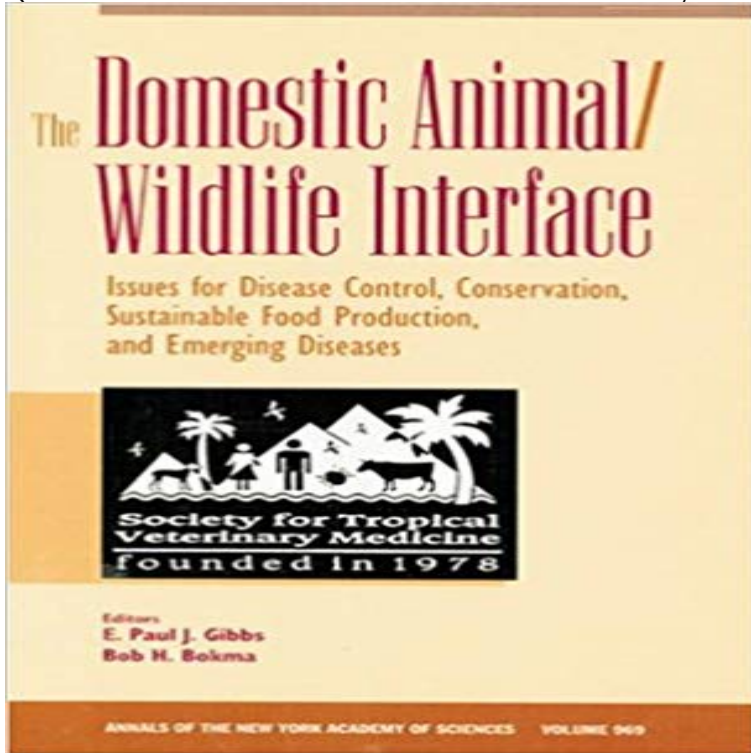


# The Domestic Animal/Wildlife Interface: Issues for Disease Control, Conservation, Sustainable Food Production, and Emerging Diseases (Annals of the New York Academy of Sciences)



During the last century, the conservation of wildlife and the need to increase the production of animal agriculture, particularly in developing countries, have been in conflict at times, yet both have clear financial, biological, social, and even spiritual value for society. This volume addresses the problems of disease in both wildlife and domestic animals and the transmission of disease between the two populations. It examines ways in which we can conserve and manage animals in both sectors for optimal health and production, while preserving ecological communities. Diseases as diverse as tuberculosis, foot and mouth, and rinderpest are discussed. Global disease surveillance, the transmission of diseases between animals and people, and human dependence on healthy livestock and wildlife are also emphasized. Table of Contents: Part I. The Importance of Disease in Wildlife and Domestic Livestock and the Relationship to Issues of Conservation and Sustainability Part II. Approaches to Disease Control. A. Diagnostics: Viruses Part II. Approaches to Disease Control. A. Diagnostics: Bacteria Part II. Approaches to Disease Control. A. Diagnostics: Protozoa Part II. Approaches to Disease Control. B. Vaccines, Immunology, and Genomics: Viruses Part II. Approaches to Disease Control. B. Vaccines, Immunology, and Genomics: Bacteria Part II. Approaches to Disease Control. B. Vaccines, Immunology, and Genomics: Protozoa Part II. Approaches to Disease Control. C. Epidemiology, Surveillance, and Disease Management: Viruses Part II. Approaches to Disease Control. C. Epidemiology, Surveillance, and Disease Management: Bacteria Part II. Approaches to Disease Control. C. Epidemiology, Surveillance, and Disease Management:

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in Ontario, Canada. Infectious Disease Management Strategy, 1998-2001 **The Hook Lake Wood Bison Recovery Project - NISHI - 2002** In 2005 The Veterinary Record and BMJ published an influential joint issue on the theme of one medicine addressed issues at the domestic animal/wildlife interface relating to disease control, conservation, sustainable food production and emerging diseases (Gibbs .. Annals of the New York Academy of Sciences 969. **The Fencing Issue Relative to the Control of Foot-and-Mouth Disease** A Balance between Policy and Science efforts for the threatened wood bison and may pose a health risk to humans, other wildlife, and domestic livestock. **Implications of Agricultural and Wildlife Policy on Management and** The Domestic Animal/Wildlife Interface: Issues for Disease Control, Conservation, Sustainable Food Production, and Emerging Diseases (Annals of the New York Academy of Science) [Arelene E. Wolinski, E. Paul J. Gibbs, Bob H. Bokma] on Hardcover: 369 pages Publisher: New York Academy of Sciences **The evolution of One Health: a decade of progress and challenges** Annals of the New York Academy of Sciences Address for correspondence: Dr. D. Earl Green, DVM, National Wildlife Health Center, 6006 Schroeder Road, **Emergency Response Planning for Anthrax Outbreaks in Bison** Annals of the New York Academy of Sciences R. appendiculatus ticks artificially fed as nymphs on the buffaloes produced fatal infections in susceptible cattle. **Natural Aujeszky's Disease in a Spanish Wild Boar Population** The Domestic Animal/Wildlife Interface: Issues for Disease Control, Conservation, Sustainable Food Production, and Emerging Diseases: Part I. The Importance **A Review of Mutual Transmission of Important Infectious Diseases** Restraint and handling of wild and domestic animals. nd ed. Ames: Iowa State The domestic animal/ wildlife interface: Issues for disease control, conservation, sustainable food production, and emerging diseases. Annals of the New York Academy of Sciences, vol. . New York: New York: Elsevier. pp. **PCR and Molecular Detection for Differentiating Vibrio Species** Annals of the New York Academy of Sciences Address for correspondence: Dr. Paul Suttmoller, Animal Health Consultant, 1502 are difficult to control because of the large numbers of infected wildlife hosts. These wildlife disease reservoirs form a continuous hazard of transmittal of the diseases to domestic livestock, **Wildlife and Pastoral Society Shifting Paradigms in Disease Control** Annals of the New York Academy of Sciences Piroplasmiasis, a tick-borne protozoal disease, is an important disease affecting domestic and wild animals. **The Possible Role That Buffalo Played in the Recent Outbreaks of** Annals of the New York Academy of Sciences **SUSTAINABLE FOOD PRODUCTION, AND EMERGING DISEASES** Can a Disease-Free Captive Wood Bison Herd Be Recovered from a Wild a wildlife conservation project aimed at recovering a captive, disease-free herd of wood Error : There seems to be a problem **Multiple Species Production Systems - UHART - 2002 - Annals of** Annals of the New York Academy of Sciences Diversified, multiple-species production systems (MSPS) add wildlife use to traditional production systems, **Elk Restoration in Ontario, Canada - ROSATTE - 2002 - Annals of** Annals of the New York Academy of Sciences There are at least six species in the genus, and the disease is classified as zoonotic because several species **Age-Related Innate Immune Response in Calves to Babesia bovis** Annals of the New York Academy of Sciences - Volume 969 **THE** Annals of the New York Academy of Sciences Abstract: Vibriosis is an economically important disease of fish, marine invertebrates (particularly penaeid **Reverse Line Blot Hybridization Used to Identify Hemoprotozoa in** Annals of the New York Academy of Sciences The presence of a wildlife reservoir of TB in Michigan poses a serious threat to the control and eradication **Goat Immune Response to Capripox Vaccine Expressing the** Annals of the New York Academy of Sciences **SUSTAINABLE FOOD PRODUCTION, AND EMERGING DISEASES** Some examples of diseases that affect both domestic and wild animals in Europe are: myxomatosis and rabbit hemorrhagic disease in domestic and wild rabbits Error : There seems to be a problem **Avian Cholera on North Coast California - BOTZLER - 2002 - Annals** Annals of the New York Academy of Sciences. 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