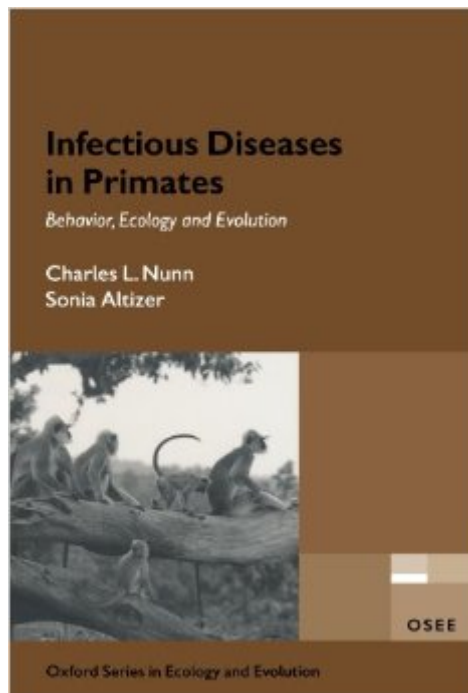


The book was found

Infectious Diseases In Primates: Behavior, Ecology And Evolution (Oxford Series In Ecology And Evolution)



Synopsis

Recent progress in the field of wildlife disease ecology demonstrates that infectious disease plays a crucial role in the lives of wild animals. Parasites and pathogens should be especially important for social animals in which high contact among individuals increases the potential for disease spread. As one of the best studied mammalian groups, primates offer a unique opportunity to examine how complex behaviours (including social organization) influence the risk of acquiring infectious diseases, and the defences used by animals to avoid infection. This book explores the correlates of disease risk in primates, including not only social and mating behaviour but also diet, habitat use, life history, geography and phylogeny. The authors examine how a core set of host and parasite traits influence patterns of parasitism at three levels of biological organization: among individuals, among populations, and across species. A major goal is to synthesize, for the first time, four disparate areas of research: primate behavioural ecology, parasite biology, wildlife epidemiology, and the behavioural and immune defences employed by animals to counter infectious disease. Throughout, the authors provide an overview of the remarkable diversity of infectious agents found in wild primate populations. Additional chapters consider how knowledge of infectious diseases in wild primates can inform efforts focused on primate conservation and human health. More generally, this book identifies infectious disease as an important frontier in our understanding of primate behaviour and ecology. It highlights future challenges for testing the links between host and parasite traits, including hypotheses for the effects of disease on primate social and mating systems.

Book Information

Series: Oxford Series in Ecology and Evolution

Paperback: 400 pages

Publisher: Oxford University Press (June 29, 2006)

Language: English

ISBN-10: 0198565852

ISBN-13: 978-0198565857

Product Dimensions: 9.1 x 0.9 x 6.2 inches

Shipping Weight: 1.5 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #1,331,535 in Books (See Top 100 in Books) #196 in Books > Science & Math > Biological Sciences > Zoology > Primatology #1058 in Books > Textbooks > Science & Mathematics > Biology & Life Sciences > Zoology #3740 in Books > Science & Math > Biological

Sciences > Ecology

[Download to continue reading...](#)

Infectious Diseases in Primates: Behavior, Ecology and Evolution (Oxford Series in Ecology and Evolution) Maximum Entropy and Ecology: A Theory of Abundance, Distribution, and Energetics (Oxford Series in Ecology and Evolution) Parasitic and Infectious Diseases: Epidemiology and Ecology Parasites and the Behavior of Animals (Oxford Series in Ecology and Evolution) Infectious Diseases of Humans: Dynamics and Control (Oxford Science Publications) Man the Hunted: Primates, Predators, and Human Evolution, Expanded Edition Biological Invasions: Theory and Practice (Oxford Series in Ecology and Evolution) Mandell, Douglas, and Bennett's Principles and Practice of Infectious Diseases Neuroimmune Circuits, Drugs of Abuse, and Infectious Diseases (Advances in Experimental Medicine and Biology) Hagan and Bruner's Microbiology and Infectious Diseases of Domestic Animals Blackwell's Five-Minute Veterinary Consult Clinical Companion: Canine and Feline Infectious Diseases and Parasitology Curing the Incurable: Vitamin C, Infectious Diseases, and Toxins Bats and Viruses: A New Frontier of Emerging Infectious Diseases Hunter's Tropical Medicine and Emerging Infectious Diseases Drug Therapy for Infectious Diseases of the Dog and Cat Infectious Diseases of the Dog and Cat, 4e Core Concepts in Clinical Infectious Diseases (CCCID) Essentials of Clinical Infectious Diseases Red Book 2015: Report of the Committee on Infectious Diseases Equine Infectious Diseases, 2e

[Dmca](#)