
CARNIVORE BEHAVIOR,
ECOLOGY, AND EVOLUTION

VOLUME 2

EDITED BY

JOHN L. GITTELMAN

Carnivore Behavior Ecology And Evolution V 2 Comstocks

Michael Rajnik



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Carnivore Behavior, Ecology, and Evolution, 1989 Carnivore Behavior, Ecology, and Evolution John L.

Gittleman, 2019-05-15 Because carnivores are at the top of the food chain their status is an important indicator of the health of the world ecosystem They are intensely interesting to zoologists and uniquely intriguing to the general public Devoted primarily to terrestrial carnivores this volume focuses on such themes as carnivore reintroduction programs and the ethics of studying carnivores drawing examples from a variety of species The need to evaluate new conceptual ideas and empirical data inspired this volume of *Carnivore Behavior Ecology and Evolution* a complement to the original book In the eight years since publication of the first volume conservation has emerged as a thematic imperative The study of carnivores has become even more important in raising and resolving crucial biological problems Differential rates of mortality in the giant panda and other endangered carnivores are now known to influence dispersal and life history patterns basic to these species survival Reintroduction efforts of the black footed ferret and the red wolf are establishing essential guidelines for preservation and management of endangered species Studies of the African lion and the dwarf mongoose illustrate the power of new genetic techniques of DNA fingerprinting for understanding the evolution of social behavior **Carnivore Behavior, Ecology, and Evolution**

John L. Gittleman, 2013-03-09 Carnivores have always fascinated us even though they make up only 10% of all mammalian genera and only about 2% of all mammalian biomass In Greek mythology most of the gods adorned their robes and helmets with depictions of carnivores and the great hero Hercules most famous feat was killing the invulnerable lion with his bare hands Part of our fascination with carnivores stems from fright and intrigue and sometimes even hatred because of our direct competition with them Cases of man eating lions bears and wolves as well as carnivores reputation as killers of livestock and game provoke communities and governments to adopt sweeping policies to exterminate them Even President Theodore Roosevelt proclaimer of a new wildlife protectionism described the wolf as the beast of waste and desolation The sheer presence and power of carnivores is daunting they can move quickly yet silently through forests attaining rapid bursts of speed when necessary their massive muscles are aligned to deliver powerful attacks their large canines and strong jaws rip open carcasses and their scissor like carnassials slice meat Partly because of our fear of these attributes trophy hunting of carnivores has been and to a certain extent still is a sign of bravery and skill Among some Alaskan Inuit for example a man is not eligible for marriage until he has killed a succession of animals of increasing size and dangerousness culminating with the most menacing the polar bear Mammalogy George A. Feldhamer, Joseph F. Merritt, Carey Krajewski, Janet L.

Rachlow, Kelley M. Stewart, 2020-03-24 A completely revised and updated edition of the leading mammalogy textbook featuring color photographs throughout and a new streamlined structure for enhanced use in courses There are more than 6 400 species in the class Mammalia including the blue whale the largest animal that has ever lived and the pygmy shrew which weighs little more than a dime Such diversity among mammals has allowed them to play critical roles in every

ecosystem whether marine freshwater alpine tundra forest or desert Reflecting the expertise and perspective of five leading mammalogists the fifth edition of *Mammalogy: Adaptation, Diversity, Ecology* significantly updates taxonomy adds a new introductory chapter on the science of mammalogy and highlights several recently described species To enhance its appeal to students textual material has been reduced consolidated and streamlined without sacrificing breadth or depth of coverage The fifth edition includes for the first time stunning color photographs throughout chapters rearranged and grouped to best reflect phylogenetic relationships with updated numbers of genera and species for each family updated mammalian structural and functional adaptations as well as ordinal fossil histories recent advances in mammalian phylogeny biogeography social behavior and ecology with 12 new or revised cladograms reflecting current research findings new breakout boxes on novel or unique aspects of mammals new work on female post copulatory mate choice cooperative behaviors group defense and the role of the vomeronasal system discussions of the current implications of climate change and other anthropogenic factors for mammals Maintaining the accessible readable style for which Feldhamer and his coauthors are well known this new edition of *Mammalogy* is the authoritative textbook on this amazingly diverse class of vertebrates

Carnivore Behavior, Ecology, and Evolution John L. Gittleman, 1989 Because carnivores are at the top of the food chain their status is an important indicator of the health of the world ecosystem They are intensely interesting to zoologists and uniquely intriguing to the general public Devoted primarily to terrestrial carnivores this volume focuses on such themes as carnivore reintroduction programs and the ethics of studying carnivores drawing examples from a variety of species The need to evaluate new conceptual ideas and empirical data inspired this volume of *Carnivore Behavior, Ecology, and Evolution* a complement to the original book In the seven years since publication of the first volume conservation has emerged as a thematic imperative The study of carnivores has become even more important in raising and resolving crucial biological problems Differential rates of mortality in the giant panda and other endangered carnivores are now known to influence dispersal and life history patterns basic to these species survival Reintroduction efforts of the black footed ferret and the red wolf are establishing essential guidelines for preservation and management of endangered species Studies of the African lion and the dwarf mongoose illustrate the power of new genetic techniques of DNA fingerprinting for understanding the evolution of social behavior *Journal of Vertebrate Paleontology*, 2002 *Ecology*, 1997

Forthcoming Books Rose Arny, 1996-06 *Choice*, 1996 **Last of the Giants** Jeff Campbell, Adam Grano, 2016-03-01 Today an ancient world is vanishing right before our eyes the age of giant animals Over 40 000 years ago the earth was ruled by megafauna mammoths and mastodons saber toothed tigers and giant sloths Of course those creatures no longer exist due to the evolution and arrival of the wildly adaptive human species among other factors Many more of the world's biggest and baddest creatures including the black rhino the dodo giant tortoises and the great auk have vanished since our world became truly global *Last of the Giants* chronicles those giant animals and apex predators who have been

pushed to extinction in the modern era Mammalia ,2006 *Beiträge zur Paläontologie* ,2009 **Carnivore Behavior, Ecology, and Evolution: Behavior. Acoustic communication by fissiped carnivores** ,1989 Journal of Mammalogy ,1997 *An Annotated Bibliography of Seals, Sea Lions, and Walrus, Supplement 2* K. Ronald,1991 *Grzimek's Animal Life Encyclopedia* Bernhard Grzimek,2003 Provides a comprehensive reference on animals around the world including their life cycles predators food systems overall ecology and more The Best Books for Academic Libraries: Science, technology, and agriculture ,2002 **Canadian Journal of Zoology** ,1999 BAR International Series ,1978 **Dogs Through Time** Susan J. Crockford,2000 Canis familiaris the domestic dog has a long history of relationships with man whether as companion guardian hunter herder ritual being and so on This large collection of papers derives from a symposium at the Eighth International Congress of Archaeozoology held in Victoria Canada in 1998

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