

# The Serengeti Lion Wildlife Behavior And Ecology Series By Schaller George B Published By University Of Chicago Press 1976 Paperback

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## HERRING POWERS

[Competition and Resource Partitioning in Temperate Ungulate Assemblies](#) Frontiers Media SA

The book aims to integrate our understanding of mammalian societies into a novel synthesis that is relevant to behavioural ecologists, ecologists, and anthropologists. It adopts a coherent structure that deals initially with the characteristics and strategies of females, before covering those of males, cooperative societies and hominid societies. It reviews our current understanding both of the structure of societies and of the strategies of individuals; it combines coverage of relevant areas of theory with coverage of interspecific comparisons, intraspecific comparisons and experiments; it explores both evolutionary causes of different traits and their ecological consequences; and it integrates research on different groups of mammals with research on primates and humans and attempts to put research on human societies into a broader perspective.

*The Black-Tailed Prairie Dog* CSIRO PUBLISHING

Rory Putman addresses the question of how, in many temperate ecosystems, diverse and species-rich assemblies of ungulates manage to co-exist despite often quite extensive overlap in ecological requirements. Putman explores the potential for competition, competition tolerance and even positive facilitation amongst the members of such guilds of ungulates. As a central worked example, the author employs data resulting from over 20 years of personal research into the ecology and population dynamics of various large herbivores of the New Forest in Southern England. With these, he applies formal protocols in resource use, evidence for resource limitation and evidence for interaction between species in changing population size over the years.

[An Evolutionary Perspective](#) Simon and Schuster

In this magnificent, heart-wrenching book--hailed Best Book of 1993 by the New York Times Book Review and USA Today--acclaimed naturalist and National Book Award winner George B. Schaller documents the plight of the mysterious panda--and urgently calls for the compassion needed to save these gentle animals from extinction. Includes a new Preface for this edition. 27-color plates.

**Ambient Communications and Computer Systems** University of Chicago Press

Craig Packer takes us into Africa for a journey of fifty-two days in the fall of 1991. But this is more than a tour of magnificent animals in an exotic, faraway place. A field biologist since 1972, Packer began his work studying primates at Gombe and then the lions of the Serengeti and the Ngorongoro Crater with his wife and colleague Anne Pusey. Here, he introduces us to the real world of fieldwork--initiating assistants to lion research in the Serengeti, helping a doctoral student collect data, collaborating with Jane Goodall on primate research. As in the works of George Schaller and Cynthia Moss, Packer transports us to life in the field. He is addicted to this land--to the beauty of a male lion striding across the Serengeti plains, to the calls of a baboon troop through the rain forests of Gombe--and to understanding the animals that inhabit it. Through his vivid narration, we feel the dust and the bumps of the Arusha Road, smell the rosemary in the air at lunchtime on a Serengeti verandah, and hear the lyrics of the Grateful Dead playing off bootlegged tapes. Into Africa also explores the social lives of the animals and the threats to their survival. Packer grapples with questions he has passionately tried to answer for more than two decades. Why do female lions raise their young in crèches? Why do male baboons move from troop to troop while male chimps band together? How can humans and animals continue to coexist in a world of diminishing resources? Immediate demands--logistical nightmares, political upheavals, physical exhaustion--yield to the larger inescapable issues of the interdependence of the land, the animals, and the people who inhabit it.

[Genes, Ecology and Evolution](#) Princeton University Press

Evolution of Mind, Brain, and Culture draws together studies in archaeology, anthropology, psychology, philosophy, genetics, neuroscience, and environmental science to investigate the evolution of the human mind, the brain, and the human capacity for culture.

*Evolution of Mind, Brain, and Culture* Springer

In *The Black-Tailed Prairie Dog*, John L. Hoogland draws on sixteen years of research at Wind Cave National Park, South Dakota, in the United States to provide this account of prairie dog social behavior. Through comparisons with more than 300 other animal species, he offers new insights into basic theory in behavioral ecology and sociobiology. Hoogland documents interactions within and among families of prairie dogs to examine the advantages and disadvantages of coloniality. By addressing such topics as male and female reproductive success, inbreeding, kin recognition, and infanticide, Hoogland offers a broad view of conflict and cooperation. Among his surprising findings is that prairie dog females sometimes suckle, and at other times kill, the offspring of close kin. Enhanced by more than 100 photographs, this book illuminates the social organization of a burrowing mammal and raises fundamental questions about current theory. As the most detailed long-term study of any social rodent, *The Black-Tailed Prairie*

Dog will interest not only mammalogists and other vertebrate biologists, but also students of behavioral and evolutionary ecology.

*The Science Behind the Fables* Princeton University Press

Based on three years of study in the Serengeti National Park, George B. Schaller's *The Serengeti Lion* describes the vast impact of the lion and other predators on the vast herds of wildebeest, zebra, and gazelle for which the area is famous. The most comprehensive book available on the lion, this classic work includes the author's findings on all aspects of lion behavior, including its social system, population dynamics, hunting behavior, and predation patterns. "If you have only enough time to read one book about field biology, this is the one I recommend."—Edward O. Wilson, *Science* "This book conveys not only the fascination of its particular study of lion behavior but the drama and wonder and beauty of the intimate interdependence of all living things."—Saturday Review "This is an important book, not just for its valuable information on lions, but for its broad, open, and intelligent approach to problems that cut across the fields of behavior, populations, ecology, wildlife management, evolution, anthropology, and comparative biology."—Richard G. Van Gelder, *Bioscience*

[Principles and Applications](#) Simon and Schuster

*Red Deer: Behavior and Ecology of Two Sexes* is the most extensive study yet available of reproduction in wild vertebrate. The authors synthesize data collected over ten years on a population of individually recognizable red deer, usually regarded as conspecific with the American elk. Their results reveal the extent of sex differences in behavior, reproduction, and ecology and make a substantial contribution to our understanding of sexual selection.

John Wiley & Sons

Serengeti is arguably the most well-known and highly treasured conservation area in the world. In 1972 the United Nations meeting on National Parks and Protected Areas agreed to set up World Heritage Sites, now supervised by UNESCO, and at that meeting they voted Serengeti top of the list. What makes this site outstanding? What happens in Serengeti biologically? How did it become a protected area? What are the historical events that have shaped its present dynamics? What will happen to it in future? How has it become relevant to human society and conservation? These are the questions that Anthony Sinclair answers. First arriving in Serengeti in 1961, he has worked as a scientist in this ecosystem since 1965, and continues to do so today. In the process he has documented not only the ecological events as the system has changed but also the political, economic, and social events that have driven these changes. Including personal accounts of the dramatic events brought about by the vicissitudes of political turmoil, he tells the story of Serengeti and its surrounding research. Providing the historical background - both the paleohistory going back 4 million years and the modern history of the region - he examines the future of conservation, considering the ominous threats facing the Serengeti today.

[The Last Panda](#) MIT Press

Since the 1950s, eminent field biologist George Schaller has roamed through many lands observing wild animals and conducting landmark long-term studies that have deepened our understanding of these creatures. He has reported and reflected on his work in classic, much-acclaimed books, including *The Last Panda* and National Book Award winner *The Serengeti Lion*, but much of his best writing has been ephemeral, published in magazines, only to drop out of sight. This collection features 19 short pieces brought together in book form to offer a unique overview of his life in the field. Chapters describe stalking tigers in India and jaguars in Brazil's Pantanal swamps, studying mountain gorillas in Central Africa and predator-prey relations in the Serengeti, tracking newfound species on the wild border of Vietnam and Laos, searching for snow leopards in the Hindu Kush, and Schaller's groundbreaking work with giant pandas in Sichuan. Later accounts broaden the focus from individual creatures to whole ecosystems. "The careless rapture of my early studies has been replaced more and more by efforts to protect animals and their habitats," he writes. New to this book are Schaller's introductions for each chapter, which add and update information, and an overall introduction that looks back on his remarkable career. *Wildlife Management and Research* Counterpoint

"Until the lion has its own storyteller, tales of the lion hunt will always glorify the hunter." —Zimbabwean proverb In 2015, an American hunter named Walter Palmer shot and killed a lion named Cecil. The lion was one of dozens slain each year in Zimbabwe, which legally licenses the hunting of big cats. But Cecil's death sparked unprecedented global outrage, igniting thousands of media reports about the peculiar circumstances surrounding this hunt. At the center of the controversy was Dr. Andrew Loveridge, the zoologist who had studied Cecil for eight years. In *Lion Hearted*, Loveridge pieces together, for the first time, the fascinating life and murky details of this beloved lion's slaying. In the tradition of *Born Free* and *Gorillas in the Mist*, *Lion Hearted* chronicles Loveridge's long acquaintance with a host of charismatic lions that his team has tracked, often from birth to death. Born and raised in Zimbabwe, Loveridge learned to love predators at the knee of his father, an eminent herpetologist who stored baby crocodiles in the family bathtub. After earning his doctorate at Oxford, he seized an invitation to study the lions of Zimbabwe's Hwange National Park. There he meets Stumpy Tail, who, despite her name, has the dignity of the Queen of the Animal Kingdom; Dynamite, a venerable coalition leader who, muscled out by younger males, sets off on an incredible thirty-seven-day, 137-mile journey to find a new home; and Kataza, who escapes another lion's claws, and

whom Loveridge twice saves from death at the hands of humans. And, of course, there is Cecil. Dethroned in an epic battle, he forms an alliance with a former rival. He also becomes a favorite of photographers and tourists—until the fateful night when a Minnesota dentist and his hunting guide entice the trusting cat with a free meal. Loveridge unravels the complexities of lion society and the dangers the cats face both within their ranks and from the outside world. Despite their ruthless reputation, lions can form deep emotional bonds—females live in prides, a sisterhood of mothers, daughters, sisters, and aunts that can exhibit military precision when hunting in formation; males band together in coalitions to vie for control of territory and the female prides. They also display a wide range of emotional behavior, including mourning the loss of their mates, partners, and cubs. Africa's lion population is estimated to have shrunk by 43 percent in the last twenty years. There may now be as few as 20,000 wild lions across the entire continent—far fewer than the number of elephants. While deploring the killing of lions for sport, Loveridge does not believe that banning trophy hunting, by itself, will halt the decline of Africa's lion populations. He sees greater threats in human population growth, the loss of habitat to agriculture, and the illegal trade in lion body parts for use in traditional medicines. And he offers concrete proposals for averting the lion's extinction. More than a gripping detective story, *Lion Hearted* is an exploration of humanity's relationship with the natural world and an attempt to keep this majestic species from disappearing. "Lions are one of the most beloved animals on the planet," Loveridge observes. "They are the national symbol of no fewer than fifteen countries. . . . Surely, we can think of a better way to save the wild animals we love besides killing them."

*The Genetic Secrets of Our Animal Ancestors* University of Chicago Press

This volume features research articles on Tibetan marmot hunting, Tibetan use of camels, Sinophone Tibetan author Alai, and yurt production and use, complimented by three short stories and seven book reviews. *Asian Highlands Perspectives* 35 (000-285)Author(s): Various(Full Text)Yurts in Be si chung, A Pastoral Community in A mdo: Form, Construction, Types, and Rituals (001-048)Author(s): Lha mo sgröl ma, and Gerald Roche(Full Text)Tibetan Marmot Hunting (049-074)Author(s): Sangs rgyas bkra shis, and C. K. Stuart(Full Text)A Complex Identity: Red Color-Coding in Alai's Red Poppies (075-101)Author(s): Draggeim, Alexandra(Full Text)Tibetans, Camels, Yurts, and Singing to the Salt Goddesses: An A mdo Elder Reflects on Local Culture (103-124)Author(s): Wenchangjia, and C. K. Stuart(Full Text)A Small Piece of Turquoise (127-141)Author(s): Nyima Gyamtsan(Full Text)Under the Shadow: A Story (143-158)Author(s): Huatse Gyal(Full Text)An Abandoned Mountain Deity (159-193)Author(s): Limusishiden(Full Text)Review Essay: Comparative Borderlands Across Disciplines and Across Southeast Asia (197-217)Author(s): Noseworthy, William B.(Full Text)Review: A Century of Protests (219-225)Author(s): Chandra, Uday(Full Text)Review: Empire and Identity in Guizhou (227-236)Author(s): Luo, Yu(Full Text)Review: Monastic and Lay Traditions in North-Eastern Tibet (237-242)Author(s): Weiner, Benno(Full Text)Review: Re-Constructed Ancestors and the Lahu Minority in Southwest China (243-253)Author(s): Du, Shanshan(Full Text)Review: Tales of Kha ba dkar po (255-274)Author(s): Zhang, Jundan(Jasmine)(Full Text)Review: Tibet Wild (275-285)Author(s): Bleisch, William V.(Full Text)

*How Prides of Lion Researchers are Evolving to be Interdisciplinary* University of Pennsylvania Press

The history of life on Earth is dominated by extinction events so numerous that over 99.9% of the species ever to have existed are gone forever. If animals could talk, we would ask them to recall their own ancestries, in particular the secrets as to how they avoided almost inevitable annihilation in the face of daily assaults by predators, climactic cataclysms, deadly infections and innate diseases. In *Tears of the Cheetah*, medical geneticist and conservationist Stephen J. O'Brien narrates fast-moving science adventure stories that explore the mysteries of survival among the earth's most endangered and beloved wildlife. Here we uncover the secret histories of exotic species such as Indonesian orangutans, humpback whales, and the imperiled cheetah—the world's fastest animal which nonetheless cannot escape its own genetic weaknesses. Among these genetic detective stories we also discover how the Serengeti lions have lived with FIV (the feline version of HIV), where giant pandas really come from, how bold genetic action pulled the Florida panther from the edge of extinction, how the survivors of the medieval Black Death passed on a genetic gift to their descendents, and how mapping the genome of the domestic cat solved a murder case in Canada. With each riveting account of animal resilience and adaptation, a remarkable parallel in human medicine is drawn, adding yet another rationale for species conservation—mining their genomes for cures to our own fatal diseases. *Tears of the Cheetah* offers a fascinating glimpse of the insight gained when geneticists venture into the wild.

**The Call of Carnivores** Pelagic Publishing Ltd

Experts from the natural and social sciences examine the coexistence of productive and exploitative behavior strategies observable in many species at many levels. In the natural world, some agents (investors) employ strategies that provide resources, services, or information, while others (exploiters) gain advantages through these efforts. This behavior coexists and can be observed in many species and at many levels. For example, bacteria depend on the existence of biofilms to synthesize constituent proteins; cancerous cells employ angiogenesis to feed a tumor; and parents forgo vaccinating their children yet benefit from herd immunity. Two independent research traditions have developed to analyze this behavior—one couched in evolutionary theory championed by behavioral ecologists, the other in social science concepts advocated by economists. In this book experts from economics, evolutionary biology, behavioral ecology, public health, and anthropology look for commonalities in understanding and approach. The contributors consider parasitic strategies in ecological and economic terms; the governance of natural resources, with insights from "producer-scrounger models," forest management, and game theory; human health, discussing therapeutic opportunities, public health economics, and the integration of perspectives; and behavioral, social, and institutional consequences of exploitation strategies. Contributors Michal Arbilly, Zoltán Barta, Jan Börner, Sam P. Brown, Max Burton-Chellew, Juan Camilo Cardenas, Sasha R. X. Dall, Miguel dos Santos, Frédérique Dubois, Paul W. Ewald, Gigi Foster, Paul Frijters, Luc-Alain Giraldeau, Ben Greiner, Reem Hajjar, Philipp Heeb, Markus Herrmann, Tatsuya Kameda, Alex Kacelnik, Kiryl Khalmetski, Andrew J. King, Hanna Kokko, Michael Kosfeld, Wolfgang Leininger, Arnem Lotem, Kimberley J. Mathot, John M. McNamara, Friederike Mengel, Johan A. Oldekop, Daniel Pauly, Benjamin Roche, Devesh Rustagi, William J. Sutherland, Frédéric Thomas, Thomas J. Valone, Joël van der Weele, Björn Vollan, Claus Wedekind, Bruce Winterhalder

**A Beginner's Guide** University of Chicago Press

If you are a morani (warrior), you have your spear at the ready—you could be the hero, but you will have to wait until the morning light before you can go out and prove yourself. If it is a lion, you want to be the first to spear it—and if the lion turns on you, make sure it mauls you on your chest or stomach, on your face, shins, or throat. Any place where you can show your scars with pride, show the incontrovertible evidence of courage. A scar on

your back would be a permanent reminder of cowardice, an ineradicable trace of shame. Monsters take many forms: from man-eating lions to the people who hunt them, from armed robbers to that midnight knock at the door of a cheap hotel room in Dar es Salaam. And celebrated biologist Craig Packer has faced them all. Head on. With *Lions in the Balance*, Packer takes us back into the complex, tooth-and-claw world of the African lion, offering revealing insights into both the lives of one of the most iconic and dangerous animals on earth and the very real risks of protecting them. A sequel to his prize-winning *Into Africa*—which gave many readers their first experience of fieldwork in Africa, of cooperative lions on dusty savannas, and political kidnappings on the shores of Lake Tanganyika—this new diary-based chronicle of cutting-edge research and heartbreaking corruption will both alarm and entertain. Packer's story offers a look into the future of the lion, one in which the politics of conservation will require survival strategies far more creative and powerful than those practiced anywhere in the world today. Packer is sure to infuriate millionaires, politicians, aid agencies, and conservationists alike as he minces no words about the problems he encounters. But with a narrative stretching from far flung parts of Africa to the corridors of power in Washington, DC, and marked by Packer's signature humor and incredible candor, *Lions in the Balance* is a tale of courage against impossible odds, a masterly blend of science, adventure, and storytelling, and an urgent call to action that will captivate a new generation of readers.

*ASIAN HIGHLANDS PERSPECTIVES* 35 The Serengeti Lion A Study of Predator-Prey Relations

Carnivores include some of the most impressive, dangerous and mysterious animals in the world. Hans Kruuk has spent his life studying them against magnificent backdrops, from the Serengeti savannahs and Kalahari deserts to the Scottish Highlands, from the Galápagos Islands to the Far East. In each location he has used meticulous observation of animal behaviour to understand the ecology and natural history of wild carnivore populations, and ultimately to promote their conservation. This book describes the methods, challenges and rewards of the science of behavioural ecology. However, it essentially concerns the personal, rather than the scientific, side of that work, and above all the field experiences involved. With photographs and line drawings, it brings to life African safaris, the hyena in his bath, flights with vultures, dives with otters, attacks by a badger in Scotland and by feral dogs in Galápagos, gull-eating hedgehogs in Britain and the role of animals in African witchcraft. The author communicates his lifelong fascination with wildlife through these unique experiences and the insights they afforded him. Professor Kruuk is a leading authority on animal behaviour and the author of classic studies of hyaenas, otters and badgers, as well as a biography of his Oxford mentor Niko Tinbergen.

*The Spotted Hyena* ASIAN HIGHLANDS PERSPECTIVES

In this seminal study, Hans Kruuk redefines the image of the spotted hyena, not as a common scavenger, but as a complex matriarchal predator with links to human evolution. The Spotted Hyena is the first study to capture the true behavior and ecology of these formidable predators, who instinctively adapt their social structure to meet their ecological needs. Kruuk's research reveals for the first time that hyenas combine carnivorous habits with group territoriality, thus drawing parallels between their existence and that of wolves, lions, and arguably early humans. In addition to being lovable rogues, spotted hyenas are sophisticated hunters that live in complex communities of up to 80 animals. Covering more than broad facts about this species, Kruuk addresses the vital questions concerning hyena behavior such as why females are dominant, why lions scavenge from hyenas, why hyenas hunt zebra and wildebeest differently, and how their social behavior correlates with ecology. Since its original publication, *The Spotted Hyena* has transformed the common perception of the spotted hyena. With nearly 2,000 citations in scientific literature, *The Spotted Hyena* has become a classic work and trailblazer for linking changes in animal behavior with the environment, in addition to its concentration on a large carnivore that shares several characteristics with select primates. Although this is a science book, Kruuk skips the jargon and complicated theory, thus making its conclusions easily accessible to any student of natural history, African predators, or social behavior within animal communities. *The Spotted Hyena* features exciting field notes in addition to comprehensive graphs and tables that have made it an invaluable contribution to behavioral ecology and its methodology. Hans Kruuk studied hyenas while living in the wilderness of Africa's Serengeti and Ngorongoro Crater for many years. After completing his doctorate with Nobel Prize winner Niko Tinbergen at the University of Oxford, Kruuk was asked by the former Tanganyika (now Tanzania) National Parks to study predation in the Serengeti. Kruuk focused on the most important carnivore there—the spotted hyena—and co-founded the Serengeti Research Institute in Tanzania to carry out his research. Many years later in 1997, he retired emeritus from his position as Senior Principal Research Officer at the Institute of Terrestrial Ecology in Banchory, Scotland. Kruuk has carried out research projects on mammals and birds on all continents, published seven books and over 120 scientific papers. Among his awards are scientific medals from the Zoological Society of London and British Mammal Society, and secondary Doctorate of Science from the University of Aberdeen where he is also Honorary Professor.

**Lion Hearted** CABI

One of the greatest attractions of a trip to Kenya is the chance to see animals such as lions, cheetah, leopards, zebra, and giraffe up close and in their natural habitats. *Animals of the Masai Mara* is a lavish photographic guide that explores the charismatic wildlife most likely to be encountered by a safari visitor to the Masai Mara National Reserve in southwest Kenya. More than 140 stunning photographs showcase 65 mammals and 17 reptile species, including 6 snakes. Designed to be informative and locally accurate, rather than purely identification-based, this easy-to-use book pays particular attention to wildlife behavior and is written from the firsthand experiences of the authors and the knowledge of local safari guides.

Numerous "Top Tips" throughout show readers how and where to locate specific species. The only field guide to focus solely on the wildlife of the Masai Mara National Reserve, *Animals of the Masai Mara* will be indispensable to visitors to this famous park and all nature enthusiasts with an interest in this area of the world. The only photographic guide specific to the animals of the Masai Mara National Reserve More than 140 remarkable photographs covering 65 mammals and 17 reptile species, including 6 snakes Accessible text explores animal behavior and other interesting facts A brief and informative introduction to the habitats of the Masai Mara

*ASIAN HIGHLANDS PERSPECTIVES* Volume 35 Yale University Press

From flat-topped acacia trees to great migrations of wildebeest across an edgeless expanse of grass, the Serengeti is one of the world's most renowned ecosystems. And at the apex of this incredible landscape prowls its seemingly indomitable ruler: the Serengeti lion. These majestic mammals are skillful hunters, iconic, and integral to Serengeti health. But they also commit infanticide; eat local people and destroy local livelihoods; are a source of profit for those who make money shooting or conserving them (and sometimes both); and are in constant danger from the

encroachments of another species: humans. With *Lions in the Balance*, celebrated lion researcher and conservationist Craig Packer takes us back into the complex, tooth-and-claw worlds of lion conservation and behavior. A sequel to Packer's *Into Africa*—which gave many readers their first experience of field work in Africa, of Tanzanian roads, of long hours spent identifying lions by their ear marks and scars, and of the joys of bootlegged Grateful Dead tapes beneath savannah moons—this diary-based chronicle of adventure, real-life danger, and corruption will both alarm and entertain. Packer's story offers a look into the future of the lion, one in which the politics of conservation will require survival strategies far more creative and powerful than any now possessed by the citizens of the savannah—humans included. Packer is sure to infuriate poachers, politicians, and conservationists alike as he minces no words about the problems he sees. But with a narrative stretching from Arusha to Washington, DC, and marked by Packer's signature humor and incredible candor, *Lions in the Balance* is a tale of courage against impossible odds, a masterly blend of science and storytelling, and an

urgent call to action that will captivate a pride of readers.

*Social Behavior in Farm Animals* Knopf Books for Young Readers

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.