

Oxford Series in Ecology and Evolution

The Evolution of Sibling Rivalry

Douglas W. Mock
and
Geoffrey A. Parker



Evolution Of Sibling Rivalry

Julia Schneider



Evolution Of Sibling Rivalry:

The Evolution of Sibling Rivalry Douglas W. Mock, Geoffrey A. Parker, 1997 One of the main tenets of evolutionary biology is that organisms behave so as to maximize the number of their genes that will be passed on to future generations Parents often produce more offspring than they can rear in case special opportunities or calamities occur This frequently leads to deprivations and even death of some offspring This book is about the evolutionary diversity importance and consequences of such squeezes The authors experts in their field review the theory field experiments and natural history of sibling rivalry across a broad sweep of organisms in a clear and accessible style that should appeal to both academics and natural

historians **More Than Kin and Less Than Kind** Douglas W. Mock, 2004 Mock tells readers what scientists have discovered about the disturbing side of family conflict in the natural world He offers a rare perspective on the family as testing ground for the evolutionary limits of selfishness **The Oxford Handbook of Evolutionary Family Psychology**

Catherine Salmon, Todd K. Shackelford, 2011-05-27 Relationships with family are important to our emotional health and can play a significant role in our social success We need our families and yet frequently have a great difficulty understanding them Hundreds of books have been published with the goal of improving understanding and relationships among family and relationships few if any have done so with an evolutionary approach The Oxford Handbook of Evolutionary Family Psychology focuses on the reasons underlying family behavior and how a greater understanding of these factors can help us to better understand our own family behaviors Recognizing that a deeper understanding of human families can be found through an understanding of similar phenomena in other species the volume demonstrates how an understanding of family ties can inform understanding of our relationships to non kin **A Natural History of Families** Scott Forbes, 2007-01-02 Why do

baby sharks hyenas and pelicans kill their siblings Why do beetles and mice commit infanticide Why are twins and birth defects more common in older human mothers A Natural History of Families concisely examines what behavioral ecologists have discovered about family dynamics and what these insights might tell us about human biology and behavior Scott Forbes s engaging account describes an uneasy union among family members in which rivalry for resources often has dramatic and even fatal consequences In nature parents invest resources and control the allocation of resources among their offspring to perpetuate their genetic lineage Those families sometimes function as cooperative units the nepotistic and loving havens we choose to identify with In the natural world however dysfunctional familial behavior is disarmingly commonplace While explaining why infanticide fratricide and other seemingly antisocial behaviors are necessary Forbes also uncovers several surprising applications to humans Here the conflict begins in the moments following conception as embryos struggle to wrest control of pregnancy from the mother and to wring more nourishment from her than she can spare thus triggering morning sickness diabetes and high blood pressure Mothers in return often spontaneously abort embryos with severe genetic defects allowing for prenatal quality control of offspring Using a broad sweep of entertaining examples culled from the world of

animals and humans A Natural History of Families is a lively introduction to the behavioral ecology of the family **The Evolution of Parental Care** Nick J. Royle, Per T. Smiseth, Mathias Kölliker, 2012-08-09 Parental care includes a wide variety of traits that enhance offspring development and survival This novel book provides a fresh perspective on the current state of the study of the evolution of parental care written by some of the top researchers in the field and taking a broad taxonomic approach The Evolution of Violence Todd K. Shackelford, Randal D. Hansen, 2013-11-09 This volume is an interdisciplinary exploration of our understanding of the causes and consequences of violence Represented in its chapters are noted scholars from a variety of fields including psychology anthropology law and literature The contributions reflect a broad scope of inquiry and diverse levels of analysis With an underlying evolutionary theme each of the contributors invoke their separate areas of expertise offering empirical and theoretical insights to this complex subject The multi faceted aspect of the book is meant to engender new perspectives that will synthesize current knowledge and lead to a more nuanced understanding of an ever timely issue in human behavior Of additional interest is a foreword written by world renowned psychologist Steven Pinker and an afterword by noted evolutionary scholar Richard Dawkins **Oxford Handbook of Evolutionary Psychology** Robin Ian MacDonald Dunbar, Louise Barrett, 2007 The Oxford Handbook of Evolutionary Psychology is the definitive comprehensive and authoritative text on this burgeoning field With contributions from over fifty experts in the field the range and depth of coverage is unequalled It will be an essential resource for students and researchers in psychology The Evolution of Begging J. Wright, Marty L. Leonard, 2007-05-08 Begging by nestling birds has become the model system for investigating evolutionary conflicts of interest within families and their theoretical resolution provided by honest signals of offspring need In response to the recent explosions of scientific papers on the evolution of begging we have brought together twenty four original contributions from major researchers in all areas of this dynamic field Organised into six sections I Theoretical approaches II Begging as a signal III Nestling physiology IV Sibling competition V Brood parasitism and VI Statistical approaches this book is primarily aimed at research scientists and those at the graduate student level For the first time the theoretical and empirical literature on begging is fully reviewed New ideas and data are also presented from a wide range of natural systems and each chapter ends with suggestions for future study The Oxford Handbook of Evolutionary Perspectives on Violence, Homicide, and War Todd K. Shackelford, Viviana A. Weekes-Shackelford, 2012-08-23 This volume synthesizes the theoretical and empirical work of leading scholars in the evolutionary sciences to produce an extensive and authoritative review of this literature **Handbook of Marriage and the Family** Gary W. Peterson, Kevin R. Bush, 2012-09-14 The third edition of Handbook of Marriage and the Family describes analyzes synthesizes and critiques the current research and theory about family relationships family structural variations and the role of families in society This updated Handbook provides the most comprehensive state of the art assessment of the existing knowledge of family life with particular attention to variations due to gender socioeconomic race ethnic cultural and life style diversity The Handbook also

aims to provide the best synthesis of our existing scholarship on families that will be a primary source for scholars and professionals but also serve as the primary graduate text for graduate courses on family relationships and the roles of families in society In addition the involvement of chapter authors from a variety of fields including family psychology family sociology child development family studies public health and family therapy gives the Handbook a multidisciplinary and interdisciplinary framework

Sibling Development Jonathan Caspi, 2010-10-25 I heartily recommend *Sibling Development* CFLE Network Newsletter National Council on Family Relations Sibling relationships have a major influence on a person's development and behavior yet until now the topic has been seriously underrepresented in the professional literature *Sibling Development Implications for Mental Health Practitioners* addresses this gap by examining the range of developmental clinical and cultural issues related to sibling relationships It highlights positive sibling relationships as a source of strength and resilience at the other end of the spectrum it addresses sibling abuse a dangerous and underdiagnosed condition It demonstrates the crucial support that siblings can provide each other in families experiencing mental illness substance abuse divorce and other stressors It also considers issues of cultural and ethnic diversity gender disability and sexual orientation as they relate to siblings and their families Each chapter provides case studies to illustrate how theory and empirical findings can be incorporated into culturally informed treatment and offers implications for practice and future research It is an essential resource for all practitioners researchers students and educators who work with or study siblings

Key Features
Examines the role of siblings as cultural educators and socializing agents
Offers empirically derived treatment approaches for siblings and families
Discusses lesbian gay bisexual and transgender siblings
Includes case studies to demonstrate how to integrate theory and empirical findings into practice
Looks at sibling dynamics in families with mental illness substance abuse and divorce as well as siblings of individuals with disabilities
Discusses sibling relationships in transracial adoptive families

Human Evolutionary Psychology Louise Barrett, Robin Dunbar, John Lycett, 2002-02-17 Why do people resort to plastic surgery to look young Why are stepchildren at greatest risk of fatal abuse Why do we prefer gossip to algebra Why must Dogon wives live alone in a dark hut for five days a month Why are young children good at learning language but not sharing Over the past decade psychologists and behavioral ecologists have been finding answers to such seemingly unrelated questions by applying an evolutionary perspective to the study of human behavior and psychology *Human Evolutionary Psychology* is a comprehensive balanced and readable introduction to this burgeoning field It combines a sophisticated understanding of the basics of evolutionary theory with a solid grasp of empirical case studies Covering not only such traditional subjects as kin selection and mate choice this text also examines more complex understandings of marriage practices and inheritance rules and the way in which individual action influences the structure of societies and aspects of cultural evolution It critically assesses the value of evolutionary explanations to humans in both modern Western society and traditional preindustrial societies And it fairly presents debates within the field identifying areas of compatibility among

sometimes competing approaches Combining a broad scope with the more in depth knowledge and sophisticated understanding needed to approach the primary literature this text is the ideal introduction to the exciting and rapidly expanding study of human evolutionary psychology

Ancestral Landscapes in Human Evolution Darcia Narváez, 2014

Ancestral Landscapes in Human Evolution addresses how a shift in the way we parent can influence child outcomes It examines evolved contexts for mammalian development optimal and suboptimal contexts for human evolved needs and the effects on children s development and human wellbeing

The Handbook of Evolutionary Psychology David M. Buss, 2005-07-15

The foundations of practice and the most recent discoveries in the intriguing new field of evolutionary psychology Why is the mind designed the way it is How does input from the environment interact with the mind to produce behavior By taking aim at such questions the science of evolutionary psychology has emerged as a vibrant new discipline producing groundbreaking insights In *The Handbook of Evolutionary Psychology* leading contributors discuss the foundations of the field as well as recent discoveries currently shaping this burgeoning area of psychology Guided by an editorial board made up of such luminaries as Leda Cosmides John Tooby Don Symons Steve Pinker Martin Daly Margo Wilson and Helena Cronin the text s chapters delve into a comprehensive range of topics covering the full range of the discipline Foundations of evolutionary psychology Survival Mating Parenting and kinship Group living Interfaces with traditional disciplines of evolutionary psychology And interfaces across disciplines In addition to an in depth survey of the theory and practice of evolutionary psychology the text also features an enlightening discussion of this discipline in the context of the law medicine and culture An Afterword by Richard Dawkins provides some final thoughts from the renowned writer and exponent of evolutionary theory Designed to set the standard for handbooks in the field *The Handbook of Evolutionary Psychology* is an indispensable reference tool for every evolutionary psychologist and student

Evolution's Empress Maryanne L. Fisher, Justin R. Garcia, Rosemarie Sokol Chang, 2013-01-30

Over the last decade there has been increasing debate as to whether feminism and evolutionary psychology can co exist Such debates often conclude with a resounding no often on the grounds that the former is a political movement while the latter is a field of scientific inquiry In the midst of these debates there has been growing dissatisfaction within the field of evolutionary psychology about the way the discipline and others have repeatedly shown women to be in passive roles when it comes to survival and reproduction Evolutionary behavioral research has made significant strides in the past few decades but continues to take for granted many theoretical assumptions that are perhaps in light of the most recent evidence misguided As a result the research community has missed important areas of research and in some cases will likely come to inaccurate conclusions based on existing dogma rather than rigorous theoretically driven research Bias in the field of evolutionary psychology echoes the complaints against the political movement attached to academic feminisms This is an intellectual squabble where much is at stake including a fundamental understanding of the evolutionary significance of women s roles in culture mothering reproductive health and physiology

mating female alliances female aggression and female intrasexual competition Evolution s Empress identifies women as active agents within the evolutionary process The chapters in this volume focus on topics as diverse as female social interactions mate competition and mating strategies motherhood women s health sex differences in communication and motivation sex discrimination and women in literature The volume editors bring together a diverse range of perspectives to demonstrate ways in which evolutionary approaches to human behavior have thus far been too limited By reconsidering the role of women in evolution this volume furthers the goal of generating dialogue between the realms of women s studies and evolutionary psychology

Power, Control, and Influence in Sibling Relationships across Development Nicole Campione-Barr, 2017-06-12 Take a close look at sibling relationships particularly how siblings navigate power control and influence and how the relationship affects the development of the individuals involved While such relationships are both complementary and reciprocal they transform rather dramatically from hierarchical in early and middle childhood to egalitarian by early adulthood This issue examines the processes and consequences of such dynamic power shifts for our broader understanding of how these relationship dynamics change and develop throughout the life course how such dynamics may be similar or different cross culturally and how they influence the quality of the sibling relationship as well as the well being of youth To do so the authors present research from each developmental period from early childhood through young adulthood as well as cross cultural research in order to further understanding of the developmental and contextual themes that allow for drawing broader conclusions This is the 156th volume in this Jossey Bass series New Directions for Child and Adolescent Development Its mission is to provide scientific and scholarly presentations on cutting edge issues and concepts in this subject area Each volume focuses on a specific new direction or research topic and is edited by experts from that field

Preventing Sibling Rivalry Sybil Hart, 2001 Explores jealousy in infants and provides practical advice on dealing with jealousy before a sibling is born and conflict between siblings

Game Theory and Animal Behavior Lee Alan Dugatkin, Hudson Kern Reeve, 2000-03-23 Game theory has revolutionized the study of animal behavior The fundamental principle of evolutionary game theory that the strategy adopted by one individual depends on the strategies exhibited by others has proven a powerful tool in uncovering the forces shaping otherwise mysterious behaviors In this volume the first since 1982 devoted to evolutionary game theory leading researchers describe applications of the theory to diverse types of behavior providing an overview of recent discoveries and a synthesis of current research The volume begins with a clear introduction to game theory and its explanatory scope This is followed by a series of chapters on the use of game theory to understand a range of behaviors social foraging cooperation animal contests communication reproductive skew and nepotism within groups sibling rivalry alternative life histories habitat selection trophic level interactions learning and human social behavior In addition the volume includes a discussion of the relations among game theory optimality and quantitative genetics and an assessment of the overall utility of game theory to the study of social behavior Presented in a manner

accessible to anyone interested in animal behavior but not necessarily trained in the mathematics of game theory the book is intended for a wide audience of undergraduates graduate students and professional biologists pursuing the evolutionary analysis of animal behavior The Wiley-Blackwell Handbook of Childhood Social Development Peter K. Smith,Craig H. Hart,2013-12-04 The Wiley Blackwell Handbook of Childhood Social Development Second Edition presents an authoritative and up to date overview of research and theory concerning a child s social development from pre school age to the onset of adolescence Presents the most up to date research and theories on childhood social development Features chapters by an international cast of leaders in their fields Includes comprehensive coverage of a range of disciplinary perspectives Offers all new chapters on children and the environment cultural influences history of childhood interventions and neuro psychological perspectives Represents an essential resource for students and researchers of childhood social development *Conflict in Child and Adolescent Development* Carolyn U. Shantz,Willard W. Hartup,Carolyn Uhlinger Shantz,1995-02-24 This book focuses on the role of conflict in psychological and social development

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