



Social Behaviour: Genes, Ecology and Evolution

From Brand: Cambridge University Press

Download now

Read Online ➔

Social Behaviour: Genes, Ecology and Evolution From Brand: Cambridge University Press

Humans live in large and extensive societies and spend much of their time interacting socially. Likewise, most other animals also interact socially. Social behaviour is of constant fascination to biologists and psychologists of many disciplines, from behavioural ecology to comparative biology and sociobiology. The two major approaches used to study social behaviour involve either the mechanism of behaviour - where it has come from and how it has evolved, or the function of the behaviour studied. With guest articles from leaders in the field, theoretical foundations along with recent advances are presented to give a truly multidisciplinary overview of social behaviour, for advanced undergraduate and graduate students. Topics include aggression, communication, group living, sexual behaviour and co-operative breeding. With examples ranging from bacteria to social mammals and humans, a variety of research tools are used, including candidate gene approaches, quantitative genetics, neuro-endocrine studies, cost-benefit and phylogenetic analyses and evolutionary game theory.

↓ [Download Social Behaviour: Genes, Ecology and Evolution ...pdf](#)

📖 [Read Online Social Behaviour: Genes, Ecology and Evolution ...pdf](#)

Social Behaviour: Genes, Ecology and Evolution

From Brand: Cambridge University Press

Social Behaviour: Genes, Ecology and Evolution From Brand: Cambridge University Press

Humans live in large and extensive societies and spend much of their time interacting socially. Likewise, most other animals also interact socially. Social behaviour is of constant fascination to biologists and psychologists of many disciplines, from behavioural ecology to comparative biology and sociobiology. The two major approaches used to study social behaviour involve either the mechanism of behaviour - where it has come from and how it has evolved, or the function of the behaviour studied. With guest articles from leaders in the field, theoretical foundations along with recent advances are presented to give a truly multidisciplinary overview of social behaviour, for advanced undergraduate and graduate students. Topics include aggression, communication, group living, sexual behaviour and co-operative breeding. With examples ranging from bacteria to social mammals and humans, a variety of research tools are used, including candidate gene approaches, quantitative genetics, neuro-endocrine studies, cost-benefit and phylogenetic analyses and evolutionary game theory.

Social Behaviour: Genes, Ecology and Evolution From Brand: Cambridge University Press

Bibliography

- Sales Rank: #2986128 in Books
- Brand: Brand: Cambridge University Press
- Published on: 2010-12-13
- Original language: English
- Number of items: 1
- Dimensions: 9.69" h x 1.02" w x 7.44" l, 2.64 pounds
- Binding: Paperback
- 576 pages

 [Download Social Behaviour: Genes, Ecology and Evolution ...pdf](#)

 [Read Online Social Behaviour: Genes, Ecology and Evolution ...pdf](#)

Editorial Review

Review

"Szekely, Komdeur and Moore have assembled a hugely successful edited collection on the biology of social behavior. The coverage is up-to-date and complete, dealing with the full range of proximate and ultimate causes of social behavior as well as a broad range of social organisms from bacteria to humans. The chapter authors are leaders in their fields. Interspersed among the sophisticated but accessible review chapters are short, lively essays written by prominent sociobiologists. An indispensable book for all behavioral biologists and their students."

John Alcock, Arizona State University

"Social Behaviour: Genes, Ecology and Evolution provides the first extensive synthesis of research on animal social behaviour since the publication of E O Wilson's Sociobiology in 1974. The book brings together important reviews of the ecology, genetics and evolution of social behaviour by over sixty research leaders in this field to describe the past accomplishments of the field, outline current problems and suggest future objectives. It will be necessary reading for anyone involved in research in this area."

Tim Clutton-Brock, University of Cambridge

"This is an excellent book, that I thoroughly recommend! Social Behaviour shows that not only does everybody have a social life, but that it is the social aspects of life that are the most interesting. Sociality spices things up, leading to conflicts, but also the chance for cooperation. Whilst this has led to cool natural history, it also results in questions that cut to the core of how natural selection works. In Social Behaviour, some of the world's leading researchers do an excellent job of synthesising the huge progress that has been made over especially the last 50 years. The remit is broad, moving from the fruiting bodies of slime moulds to wealth inheritance in humans, but this done almost seamlessly, demonstrating the power of evolutionary theory. By showing the excitement of the field, the great success stories, and the outstanding mysteries, this book is sure to stimulate the next generation of researchers and refresh the older generation."

Stuart West, University of Oxford

"The editors have managed to bring together a true all-star team of scientists, and the volume demonstrates the key difference between an all-star Hollywood movie and an all-star scientific book: only the latter will improve the quality of the script."

Redouan Bshary, The Quarterly Review of Biology

About the Author

Tamás Székely is an evolutionary biologist with a main research interest in breeding system evolution. Most of his work uses birds as model organisms studied mostly through fieldwork, although also with the use of mathematical modelling and phylogenetic analyses to dissect behaviour. He has co-edited four books, including one on sex, size and gender roles. He is a professional Chair in Biodiversity at the University of Bath and was recently awarded a Research Fellowship by The Leverhulme Trust, and was also a Visiting Fellow at Harvard University. Please see more details on his website
<http://www.bath.ac.uk/bio-sci/biodiversity-lab/szekely.html>.

Jan Komdeur has a strong reputation in experimental evolutionary ecology. He established the Seychelles warbler as a model system. He has many long-standing international collaborations with leading biologists which connect aspects of behavioural ecology, population genetics, and theoretical modelling. Komdeur has

an excellent publication record, most papers being published in top journals of their field. His reputation is evidenced by memberships of editorial boards, frequent invitations for keynote lectures, prestigious (inter)national awards and grants, and several lecturer of the year awards. His group received the highest qualification ('international excellence') by an international peer review committee in the last assessment of research quality.

Allen Moore is an evolutionary biologist, with research interests in behaviour genetics, quantitative genetic studies of behaviour and morphology, development of behaviour, theoretical investigations of evolution, and behavioural ecology. He is currently Professor of Evolutionary Genetics at the University of Exeter, as well as Head of Department and Director of the Centre for Ecology and Conservation, University of Exeter Cornwall Campus. He served as the elected Secretary of the Society for the Study of Evolution (2003-2006) and is currently the Editor-in-Chief of the Journal of Evolutionary Biology for the European Society for Evolutionary Biology.

Users Review

From reader reviews:

Candy Yazzie:

Hey guys, do you would like to finds a new book to read? May be the book with the subject Social Behaviour: Genes, Ecology and Evolution suitable to you? The actual book was written by renowned writer in this era. The actual book untitled Social Behaviour: Genes, Ecology and Evolution is one of several books in which everyone read now. This kind of book was inspired many men and women in the world. When you read this e-book you will enter the new dimensions that you ever know previous to. The author explained their concept in the simple way, and so all of people can easily to know the core of this reserve. This book will give you a lots of information about this world now. To help you see the represented of the world in this particular book.

Christopher Watson:

Reading a book can be one of a lot of activity that everyone in the world loves. Do you like reading book therefore. There are a lot of reasons why people enjoy it. First reading a e-book will give you a lot of new information. When you read a reserve you will get new information due to the fact book is one of several ways to share the information or perhaps their idea. Second, examining a book will make an individual more imaginative. When you looking at a book especially fiction book the author will bring that you imagine the story how the characters do it anything. Third, you are able to share your knowledge to other individuals. When you read this Social Behaviour: Genes, Ecology and Evolution, you can tells your family, friends as well as soon about yours book. Your knowledge can inspire others, make them reading a publication.

Leif Gibbs:

Reading can called mind hangout, why? Because when you are reading a book mainly book entitled Social Behaviour: Genes, Ecology and Evolution the mind will drift away trough every dimension, wandering in each and every aspect that maybe unknown for but surely can become your mind friends. Imaging every word written in a guide then become one form conclusion and explanation this maybe you never get ahead of. The Social Behaviour: Genes, Ecology and Evolution giving you a different experience more than blown

away your head but also giving you useful data for your better life within this era. So now let us demonstrate the relaxing pattern this is your body and mind will probably be pleased when you are finished examining it, like winning a sport. Do you want to try this extraordinary paying spare time activity?

Bryan Donovan:

Reading a book to be new life style in this 12 months; every people loves to examine a book. When you study a book you can get a wide range of benefit. When you read books, you can improve your knowledge, due to the fact book has a lot of information on it. The information that you will get depend on what kinds of book that you have read. If you would like get information about your study, you can read education books, but if you act like you want to entertain yourself you are able to a fiction books, these us novel, comics, and soon. The Social Behaviour: Genes, Ecology and Evolution will give you new experience in reading a book.

**Download and Read Online Social Behaviour: Genes, Ecology and Evolution From Brand: Cambridge University Press
#A65ZUD2RFT1**

Read Social Behaviour: Genes, Ecology and Evolution From Brand: Cambridge University Press for online ebook

Social Behaviour: Genes, Ecology and Evolution From Brand: Cambridge University Press Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Social Behaviour: Genes, Ecology and Evolution From Brand: Cambridge University Press books to read online.

Online Social Behaviour: Genes, Ecology and Evolution From Brand: Cambridge University Press ebook PDF download

Social Behaviour: Genes, Ecology and Evolution From Brand: Cambridge University Press Doc

Social Behaviour: Genes, Ecology and Evolution From Brand: Cambridge University Press Mobipocket

Social Behaviour: Genes, Ecology and Evolution From Brand: Cambridge University Press EPub

A65ZUD2RFT1: Social Behaviour: Genes, Ecology and Evolution From Brand: Cambridge University Press