



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:

Ian Gardner:

The book Social Behaviour: Genes, Ecology and Evolution can give more knowledge and also the precise product information about everything you want. Exactly why must we leave the best thing like a book Social Behaviour: Genes, Ecology and Evolution? A number of you have a different opinion about book. But one aim in which book can give many information for us. It is absolutely proper. Right now, try to closer with the book. Knowledge or information that you take for that, you may give for each other; you are able to share all of these. Book Social Behaviour: Genes, Ecology and Evolution has simple shape but you know: it has great and big function for you. You can appearance the enormous world by available and read a e-book. So it is very wonderful.

Dorothy Wild:

Does one one of the book lovers? If yes, do you ever feeling doubt if you find yourself in the book store? Attempt to pick one book that you never know the inside because don't determine book by its cover may doesn't work the following is difficult job because you are afraid that the inside maybe not since fantastic as in the outside appearance likes. Maybe you answer might be Social Behaviour: Genes, Ecology and Evolution why because the fantastic cover that make you consider with regards to the content will not disappoint you actually. The inside or content will be fantastic as the outside or cover. Your reading sixth sense will directly show you to pick up this book.

Mary Partee:

You can spend your free time to study this book this guide. This Social Behaviour: Genes, Ecology and Evolution is simple bringing you can read it in the playground, in the beach, train along with soon. If you did not have got much space to bring the particular printed book, you can buy the particular e-book. It is make you better to read it. You can save the book in your smart phone. Consequently there are a lot of benefits that you will get when you buy this book.

Pamela Rhodes:

This Social Behaviour: Genes, Ecology and Evolution is completely new way for you who has curiosity to look for some information since it relief your hunger of information. Getting deeper you on it getting knowledge more you know or else you who still having little bit of digest in reading this Social Behaviour: Genes, Ecology and Evolution can be the light food to suit your needs because the information inside this kind of book is easy to get by simply anyone. These books develop itself in the form that is reachable by anyone, yep I mean in the e-book type. People who think that in publication form make them feel tired even dizzy this publication is the answer. So there is absolutely no in reading a guide especially this one. You can find actually looking for. It should be here for a person. So , don't miss this! Just read this e-book sort for your better life and knowledge.

**Download and Read Online Social Behaviour: Genes, Ecology and Evolution From Brand: Cambridge University Press
#P06ULF75I8V**

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

P06ULF75I8V: Social Behaviour: Genes, Ecology and Evolution From Brand: Cambridge University Press