



Parasites in Social Insects

By Paul Schmid-Hempel

Download now

Read Online ➔

Parasites in Social Insects By Paul Schmid-Hempel

This book analyzes for the first time how parasites shape the biology of social insects: the ants, wasps, bees, and termites. Paul Schmid-Hempel provides an overview of the existing knowledge of parasites in social insects. Current ideas are evaluated using a broad database, and the role of parasites for the evolution and maintenance of the social organization and biology of insects is carefully scrutinized. In addition, the author develops new insights, especially in his examination of the intricate relationships between parasites and their social hosts through the rigorous use of evolutionary and ecological concepts.

Schmid-Hempel identifies gaps in our knowledge about parasites in social insects and uses models to develop new questions for future research. In addition, issues that are usually considered separately--such as division of labor, genetics, immunology, and epidemiology--are placed in a common framework to analyze two of the most successful adaptations of life: parasitism and sociality. This work will appeal not only to practitioners in the fields of behavioral ecology and sociobiology, but also to others interested in host-parasite relationships or in social organisms, such as apiculturists struggling to overcome the problems arising from mite infestations of honeybee colonies.

 [Download Parasites in Social Insects ...pdf](#)

 [Read Online Parasites in Social Insects ...pdf](#)

Parasites in Social Insects

By Paul Schmid-Hempel

Parasites in Social Insects By Paul Schmid-Hempel

This book analyzes for the first time how parasites shape the biology of social insects: the ants, wasps, bees, and termites. Paul Schmid-Hempel provides an overview of the existing knowledge of parasites in social insects. Current ideas are evaluated using a broad database, and the role of parasites for the evolution and maintenance of the social organization and biology of insects is carefully scrutinized. In addition, the author develops new insights, especially in his examination of the intricate relationships between parasites and their social hosts through the rigorous use of evolutionary and ecological concepts.

Schmid-Hempel identifies gaps in our knowledge about parasites in social insects and uses models to develop new questions for future research. In addition, issues that are usually considered separately--such as division of labor, genetics, immunology, and epidemiology--are placed in a common framework to analyze two of the most successful adaptations of life: parasitism and sociality. This work will appeal not only to practitioners in the fields of behavioral ecology and sociobiology, but also to others interested in host-parasite relationships or in social organisms, such as apiculturists struggling to overcome the problems arising from mite infestations of honeybee colonies.

Parasites in Social Insects By Paul Schmid-Hempel Bibliography

- Sales Rank: #2871858 in Books
- Brand: Brand: Princeton University Press
- Published on: 1998-11-02
- Released on: 1998-11-22
- Original language: English
- Number of items: 1
- Dimensions: 9.21" h x .96" w x 6.14" l, 1.35 pounds
- Binding: Paperback
- 392 pages

 [Download Parasites in Social Insects ...pdf](#)

 [Read Online Parasites in Social Insects ...pdf](#)

Editorial Review

About the Author

Paul Schmid-Hempel is Professor of Experimental Ecology at ETH in Zyrich, Switzerland, and the head of a research group on the evolutionary ecology of host-parasite interactions.

Users Review

From reader reviews:

Shannon Harvey:

Do you one among people who can't read gratifying if the sentence chained in the straightway, hold on guys this kind of aren't like that. This Parasites in Social Insects book is readable by means of you who hate those perfect word style. You will find the data here are arrange for enjoyable studying experience without leaving possibly decrease the knowledge that want to provide to you. The writer associated with Parasites in Social Insects content conveys the idea easily to understand by many people. The printed and e-book are not different in the articles but it just different by means of it. So , do you continue to thinking Parasites in Social Insects is not loveable to be your top list reading book?

Judith Duncan:

The experience that you get from Parasites in Social Insects is the more deep you searching the information that hide inside words the more you get serious about reading it. It doesn't mean that this book is hard to recognise but Parasites in Social Insects giving you thrill feeling of reading. The copy writer conveys their point in particular way that can be understood simply by anyone who read the item because the author of this e-book is well-known enough. That book also makes your vocabulary increase well. Therefore it is easy to understand then can go along, both in printed or e-book style are available. We highly recommend you for having this kind of Parasites in Social Insects instantly.

Benita Newton:

The book untitled Parasites in Social Insects is the book that recommended to you to read. You can see the quality of the guide content that will be shown to an individual. The language that creator use to explained their ideas are easily to understand. The writer was did a lot of investigation when write the book, to ensure the information that they share to your account is absolutely accurate. You also will get the e-book of Parasites in Social Insects from the publisher to make you far more enjoy free time.

Dianne Roy:

Reading a book to get new life style in this 12 months; every people loves to study a book. When you learn a book you can get a large amount of benefit. When you read textbooks, you can improve your knowledge,

since book has a lot of information in it. The information that you will get depend on what types of book that you have read. If you would like get information about your review, you can read education books, but if you act like you want to entertain yourself look for a fiction books, this kind of us novel, comics, and also soon. The Parasites in Social Insects provide you with new experience in studying a book.

Download and Read Online Parasites in Social Insects By Paul Schmid-Hempel #CXP06N5UMRI

Read Parasites in Social Insects By Paul Schmid-Hempel for online ebook

Parasites in Social Insects By Paul Schmid-Hempel 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 Parasites in Social Insects By Paul Schmid-Hempel books to read online.

Online Parasites in Social Insects By Paul Schmid-Hempel ebook PDF download

Parasites in Social Insects By Paul Schmid-Hempel Doc

Parasites in Social Insects By Paul Schmid-Hempel Mobipocket

Parasites in Social Insects By Paul Schmid-Hempel EPub

CXP06N5UMRI: Parasites in Social Insects By Paul Schmid-Hempel