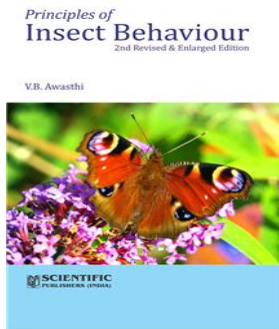


## Principles of Insect Behaviour, 2nd Ed.

[V.B. Awasthi](#)



ISBN	: 9788172338268	Book Format	: Book
Language	: English	Binding	: Paper Back
Imprint	: Scientific Publishers	Edition	: 2
Pages	: 299	© Year	: 2013
Weight	: 415 Gms	Trim Size	: 5.75 x 8.75

**Print Book : ₹550.00**

### Blurb

The aim of writing this book has been to provide an account of the principles of insect behaviour for the post graduate students of Entomology and general Zoology of all the Universities and Research Institutions as well as to the research scholars engaged in the study of different aspects of Insect behaviour. It is also useful to general readers who have basic knowledge of Biology and have curiosity to know why the insects are vividly coloured, have peculiar shapes, produce sound and light; how they communicate and why bees and wasps sting when disturbed. Significance of insects in pollination of plants associated with the production of seeds, grains and fruits, the role of hormones, pheromones and other chemicals controlling various vital events of the insect behaviour has also been described. The importance of insect migration, control of insect pests by behavioural means has also been discussed. Thus, this book deals with almost all major aspects of insect behaviour. It is hoped that this book will be useful not only to the students of Entomology-Zoology and research scholars of insect behaviour, but also to naturalists who wish to know about some of the mysteries of these small creatures and their lifestyle.

### Table of Contents

1. Kinds of Insect Behaviour
  2. Camouflage, Warning Colouration and Defensive Behaviour
  3. Social Behaviour and Parental Care
  4. The Language of Bees and their Behaviour
  5. Interactions between Insects and Plants as related to Pollination
  6. Food and Feeding Behaviour
  7. Intraspecific and Interspecific Interactions
  8. Adaptations in Insects
  9. Thermoregulation in Desert Insects
  10. Ecological, Behavioural and other Adaptations of Desert Insects
  11. Thermoregulation by Behavioural Means
  12. Photoperiodism and Insect Behaviour
  13. Photoperiodism and Ecological Adaptations
  14. Hormonal Control of Insect Behaviour
  15. Pheromonal Control of Insect Behaviour
  16. Genetic Control of Behaviour and Evolution of Behaviour
  17. Communication in Insects
  18. InsectPestManagement by Behavioural Means
  19. Migratory and Dispersal Behaviour of Some Insects
  20. Influence of Host Plants on Sex Pheromone Behaviour of Phytophagous Insects
  21. The Role of the Sense Organs in Mating Behaviour of Cockroaches
  22. Reproductive Behaviour
- Selected Bibliography
- Glossary of Selected Technical Terms

Appendix - 1. Amazing Insects

Appendix - 2. Bee Facts

Appendix - 3. Letter from University of Cambridge

Subject Index

This is computer generated document and does not require signature

Scientific Publishers

Date :- Wed Jun 17 2026