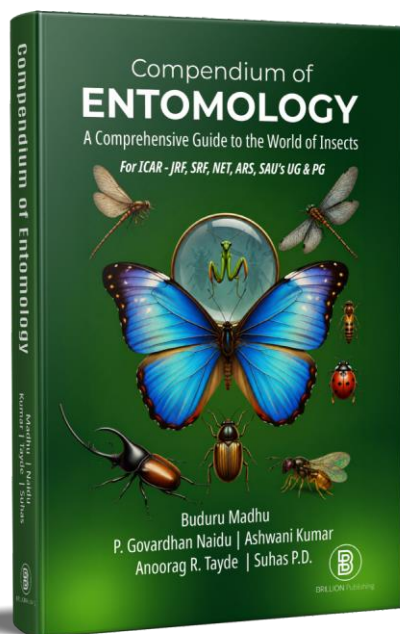




BRILLION Publishing



ISBN: 978-81-69479-22-6

e-ISBN: 978-81-69479-23-3

Pages: 728

2026

 **Printed Copy**

Paperback ₹ 1995/-

Compendium of **ENTOMOLOGY**

A Comprehensive Guide to the World of Insects

For ICAR - JRF, SRF, NET, ARS, SAU's UG & PG

Compendium of Entomology is a comprehensive academic reference designed to provide a systematic understanding of the diverse aspects of insect science and its applications in agriculture. The book brings together fundamental concepts of entomology with economically important insects, insect-plant interactions, pest management, and the role of insects in agricultural ecosystems.

The book covers essential areas including **insect morphology, embryology, systematics, honeybees, silkworms, lac insects, and other beneficial insects, insect vectors of plant pathogens, insecticide toxicology, and insect pests of field crops, plantation crops, and stored grains**. The chapters are organized to facilitate a clear understanding of insect structure, development, classification, biology, economic importance, and their significance in crop production and protection.

Particular emphasis is given to **beneficial insects and economically important insects**, as well as the identification and management of insect pests associated with agricultural and stored products. The book also provides a foundation for understanding insecticide toxicity and the role of insect vectors in the transmission of plant pathogens.

Written in a clear and concise manner, this compendium is supported by **illustrations, tables, descriptions, and scientifically relevant information**, making it useful for both academic learning and practical reference.

The book is especially useful for:

- Undergraduate and postgraduate students of Entomology and Agricultural Sciences those who are preparing for JRF,SRF,ARS and other state agriculture universities entrance exams
- Teachers and researchers in Agricultural Entomology
- Anyone seeking a comprehensive reference on economically important insects

Compendium of Entomology serves as a valuable resource for understanding the **biology, diversity, economic importance, and management of insects**, bridging fundamental entomological knowledge with its practical applications in agriculture.

Buduru Madhu | P. Govardhan Naidu | Ashwani Kumar | Anoorag R. Tayde | Suhas P.D.

(Contents)

- Systematics
- Insect Morphology
- Embryology, Internal Anatomy and Physiology
- Insect Ecology
- Biological Control
- Chemical Control and Toxicology, Pesticide Application Equipments
- Host Plant Resistance
- Innovative Approaches
- Integrated Pest Management
- Pests of Field Crops and their Management
- Pests of Horticultural Crops and their Management
- Pests of Stored Products and their Management
- Arthropod Vectors of Plant Pathogens
- Honeybees and Bee Keeping
- Silkworms and Sericulture
- Lac Insect
- Other Useful Insects
- Non Insect Pests
- Locust
- Medical Entomology
- Scientists and their Contributions
- Research Centers
- Awards, Theories and Acts
- Pesticides Poisoning Tragedies
- Miscellaneous Concepts

ISBN: 978-81-69479-22-6



For e-version of the book or sample chapter for personal perusal contact:
info@brillionpublishing.com
www.brillionpublishing.com