
Preface

Effective management of ecosystem resources depends on evaluation of the complex, often complementary, effects of insects on ecosystem conditions as well as insect responses to changing conditions. Two emerging needs require the integration of traditional and emerging mental changes that must be addressed from a global perspective, with emphasis on integrating ecological processes at various levels of resolution. Insect population structure, interaction with other species, and effects on ecosystem processes are integral to explaining and mitigating global changes. The present book is a compilation of various chapters including Insect Ecology: An introduction, living and nonliving components, environmental ecological factors, climatic factors, water or moisture, temperature, light, topographic factors, biotic, edaphic factors, ecosystems etc. This book is a sincere attempt to solve the problems of the students and faculties attempting to learn & teach insect ecology respectively. Non availability of all the contents in a single book has incited us to collect the relevant matter and compile them into a single book designed especially for the students of ecology. Our main motive is to cover the syllabi of varied Universities as far as possible. The book entitled "Insect Ecology" aims at clarity so that the text can be selective and meaningful. This text demonstrates how evolutionary and ecosystem approaches complement each other, and is intended to stimulate further integration of these approaches in experiments that address insect roles in ecosystems.

We hope that the general Entomologists and students of Agricultural entomology will find the book valuable & beneficial regarding information about the subject as well as allied branches. The book provides information, chapter wise as per ICAR course curriculum of PG Entomology programme. We are especially grateful to our colleagues at various Institutions and Universities for their help rendered for the designing of this text. We owe our sincere thanks to the publisher for his whole hearted support.

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