Insect Biodiversity: Science and Society

Brings together leading scientific experts to assess the impact insects have on humankind and the earth’s fragile ecosystems.

Insects and related arthropods make up more than 50 percent of the known animal diversity globally, yet a lack of knowledge about insects is hindering the advance of science and society. This book examines why insect biodiversity matters and how the rapid evolution of insect species is affecting us all.

This book examines why insect biodiversity matters and how the rapid evolution of insect species is affecting us all. It explores the wide variety in type and number of insect species and their evolutionary relationships. Case studies offer assessments on how insect biodiversity can help meet the needs of a rapidly expanding human population, and also examine the consequences that an increased loss of insect species will have on the world.

The book concludes that a better understanding of the biology and ecology of insects is the only way to sustainably manage ecosystems in an ever changing global environment.