

CHROMOSOMAL DIVERSITY IN INSECTS

Chromosomes are hereditary material and have very important role in speciation and identification of closely related species. Chromosomal diversity and their role in speciation and organic evolution has been discussed in different insects including beetles, mosquitoes, aphids, leafhoppers, grasshoppers etc. The chromosomes are basis for the genetic work. Hence, chromosomes have been reported in 8 species of Coccinellids. Simultaneously, morphological diversity have also been reported and correlated with chromosomes from Sangli district of Maharashtra, India. In all 19 species have been reported. Out of which 11 species are found new to the science. Various concepts of chromosomal diversity, genetics, evolution, speciation and insect pest management discussed in this book will be helpful and stimulatory to students, teachers, and scientists.



Dr. Sathe TukaramVithalrao (M Sc., Ph.D., Sangitvisharad, IBT, F.S.E.Sc., F.S.L.Sc., F.I.S.E.C., F.I.C.C.B) is Professor in Entomology and Head, Department of Zoology, Shivaji University, Kolhapur. He has teaching experience of 29 years in entomology. He has published 255 research papers in national and international journals of repute and written 30 and edited 3 books. He is recipient of prestigious awards like Environmentalist of the year 2003, Eminent scientist 2008, International Gold star, Best educationalist, Education Leadership, Asia Pacific International award and Global education leadership award etc.



Dr. Satywan Subarao Patil (M.Sc., Ph.D.) is presently working as Assistant Professor in Department of Zoology, ACS College, Palus, Dist. Sangli. His specialization is cell biology and have twenty one years teaching experience. He has published number of research papers in national and international journals of repute. He has participated/delivered lectures at various conferences/symposium etc. He was BOS Member of Zoology, Shivaji University, Kolhapur. He is chairman of Environmental Centre, Sangli District.



₹ 895

ISBN: 978-93-5124-337-3



www.astralint.com