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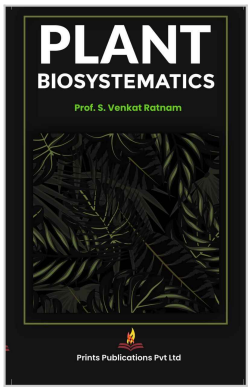

Plant Biosystematics

Author: Prof. S. Venkat Ratnam

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About the Author

Prof. S. Venkat Ratnam

Prof. S. Venkat Ratnam had his basic training in Plant Cytogenetics. Later he had advanced training in plant Biosystematics under the supervision of Prof. V H Heywood (DSc), D M Moore (PhD) and Prof. J B Harborne (FRS) . He submitted his thesis on “Experimental

Taxonomy of section Iris of old world" and published several research papers on various aspects. He obtained his PhD on Experimental Taxonomy (Biosystematics) of section Iris . He had been teaching Plant Biosystematics to MSc student as an elective course. He is also the author and editor of six botany books and co-author of plant taxonomy book alongwith three other authors. He guided many MPhil and PhD students. He has been supervising many students in Plant Ecology, Plant Cytogenetics and Biosystematics for their Doctoral degrees.

Product Description

For Plant Taxonomy, several text books are made available in India, but for Plant Biosystematics, books are scarcely available in Indian Subcontinent. The Preparation of this book was motivated by a long felt need for a concise yet fairly comprehensive book of Plant Biosystematics for use in Indian colleges and universities. This book comprises of 17 important chapters in which different important facts such as plant taxonomy and its relationships with species and subspecies, evolutionary biology, comparison between taxonomy and plant biosystematics, basic process of speciation phenomenon, taxonomic puzzles related to anatomy, palynology, cytology, numerical taxonomy etc. and hybridization process and other important terms of evolutionary adaptations have been explained comprehensively. Though the UGC has curriculum syllabus, due to lack of books the course was not accommodated in many universities. This book will cater the needs of the students as well as the instructors.