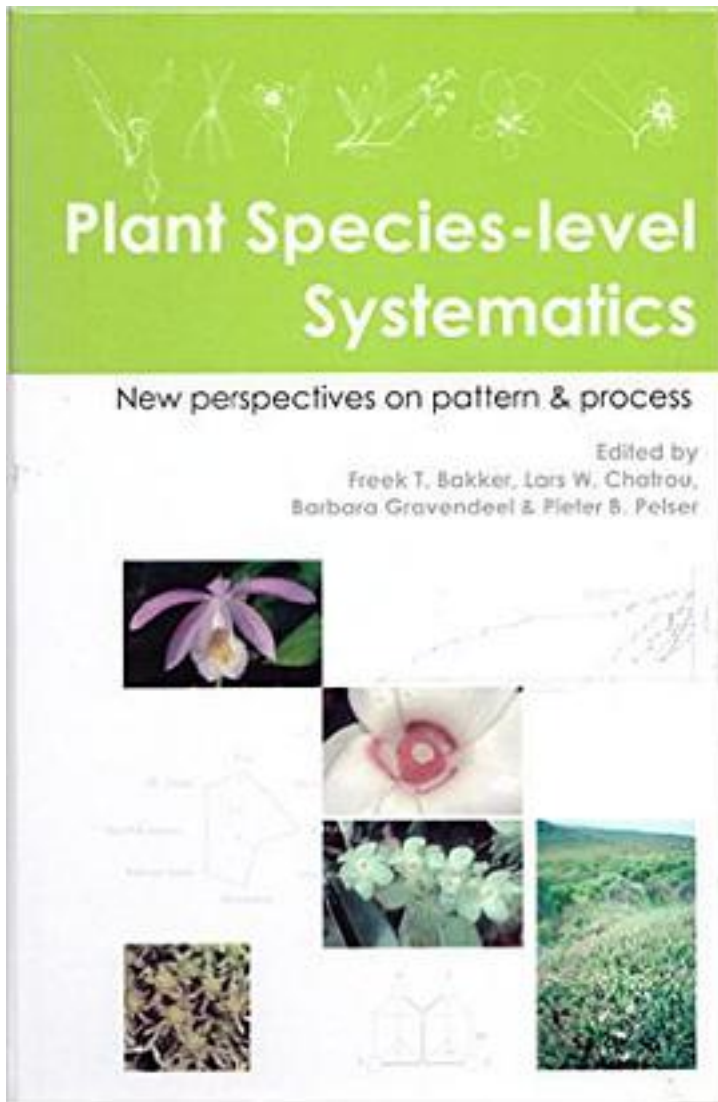


Plant Species-level Systematics: New Perspectives on Pattern & Process



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Plant systematics has seen dramatic changes in the last decade, mainly due to application of molecular markers in phylogenetic reconstruction at the generic level and above. In contrast, species - level patterns and processes in plants are still less well understood, partly because of limited resolution of commonly used phylogenetic markers. This has hampered our understanding of the patterns and hence, processes of plant speciation. Nevertheless, considerable progress has been made recently, and it is now time to examine new developments in understanding species - level phenomena. This volume reviews current issues in (molecular) biosystematics and plant speciation, focusing on the following important topics: Plant species radiations/ Molecular evolution in time and space/ Multiple genomes: plant hybrids, polyploids and genome evolution. - This book will be of special interest to plant evolutionary biologists in general, and in particular to advanced students and researchers in plant systematics, taxonomy, ecology and population genetics.

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