

Preface

I am honored to present to you this unique book which encompasses the most up-to-date data in the field. I was extremely pleased to get this opportunity of editing the work of experts from across the globe. I have also written papers in this field and researched the various aspects revolving around the progress of the discipline. I have tried to unify my knowledge along with that of stalwarts from every corner of the world, to produce a text which not only benefits the readers but also facilitates the growth of the field.

Botany is a field of biology that deals with the science of plants. This book discusses current issues of plant-environment interaction which would be appealing to environmental scientists. In the beginning, this book talks about flood tensions, resilience to drought and dehydration, toxic effects of chromium and lead on plants. Reading further, it discusses the facets of economic botany including reports on smut disease in few crops and features of plant extracts. The conclusion encompasses topical issues like morphogenesis and genetics in cotton fiber special cell, hybrid lethality in the Genus *Nicotiana*, pollen tube growth in *Leucospermum* etc. This book targets researchers, students and professionals involved in the field of botany.

Finally, I would like to thank all the contributing authors for their valuable time and contributions. This book would not have been possible without their efforts. I would also like to thank my friends and family for their constant support.

• Editor