

Botany: Theory and Concepts

About the Book

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 aestivum* etc. This book targets researchers, students and professionals involved in the field of botany.

About the Editor

Harvey Parker is associated with the Plant Physiology and Genetics Research Unit at the United States Department of Agriculture. He obtained his Ph.D. in microbial and molecular biology from the University of New South Wales. He is an internationally recognized scientist in the field of nitrogen fixation and plant-microbe interactions. He has published more than 200 peer-reviewed articles and was awarded three International Prizes for his incredible contribution to the field.



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