



forests

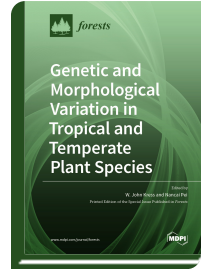


Special Issue Reprint

Genetic and Morphological Variation in Tropical and Temperate Plant Species

www.mdpi.com/books/reprint/2776

Edited by
W. John Kress
Nancai Pei



ISBN 978-3-03936-756-6 (Hardback)
ISBN 978-3-03936-757-3 (PDF)

Plants provide the foundation for the structure and function, as well as interactions, among organisms in both tropical and temperate zone habitats. To date, many investigations have revealed patterns and mechanisms generating plant diversity at various scales and from diverse ecological perspectives. However, in the era of climate change, anthropogenic disturbance, and rapid urbanization, new insights are needed to understand how plant species in these forest habitats are changing and adapting. Investigations of plants in both little-disturbed, more natural environments, as well as in urban areas in which crucial green infrastructure is ever more important for sustaining complex human societies are needed. This Special Issue of *Forests* will focus on plant variation from the perspectives of morphology, genetics, and function, especially plant interactions with biotic and abiotic factors. Research articles may address any aspect of plant evolution and community phylogenetics (explorations of patterns and mechanisms from diverse organismal levels, e.g., molecular, population, species, community, landscape, and ecosystem), plant functional traits (e.g., nutrient traits of leaf, stem, root; reproductive traits of flower, fruit, seed), and/or responses of plant species to changing environments (e.g., water, atmosphere, soil, human activities). Studies providing quantitative evaluation or description of interactions of plants with animals and microbes, both in natural and urban environments, including terrestrial and aquatic systems, are also welcome.



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