BIODIVERSITY AND BIOGEOGRAPHIC PATTERNS IN ASIA-PACIFIC REGION I

STATISTICAL METHODS & CASE STUDIES

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Bentham e Books

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Biodiversity Conservation: Challenges for the Future

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About the eBook

This brief book is dedicated to the quantitative analyses and systematic discussion of spatial biodiversity and biogeographic patterns in the Asia?pacific region comprised of China, India and adjacent countries. The book is split into two sections. The first section presents readers with detailed statistical methods to conduct spatial macro?biodiversity and biogeography analyses.

Contents

▶ Mathematical Operators

▶ Species Richness and Diversity

▶ Functional Diversity

▶ Phylogenetic Diversity

▶ Multiple-Site Beta Diversity Methods with an Introduction of R Package "MBI"

▶ Species-Site Compositional Matrix Comparison Methods

▶ Ecological Ordination Methods-Principal Component Analysis, Principal Coordinate Analysis, Redundancy Analysis and Canonical Correspondence Analysis

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