

# NEOTROPICAL BIOGEOGRAPHY

## Regionalization and Evolution

### Neotropical Biogeography: Regionalization and Evolution

presents the most comprehensive single-source treatment of the Neotropical region derived from evolutionary biogeographic studies. The book provides a biogeographic regionalization based on distributional patterns of plant and animal taxa, discusses biotic relationships drawn from track and cladistic biogeographic analyses, and identifies cenocrons (subsets of taxa within biotas identified by their common origin and evolutionary history). It includes maps, area cladograms, and vegetation profiles.

The aim of this reference is to provide a biogeographic regionalization that can be used by graduate students, researchers, and other professionals concerned with understanding and describing distributional patterns of plants and animals in the Neotropical region. It covers the 53 biogeographic provinces of the Neotropical region that are classified into the Antillean, Brazilian, and Chacoan subregions, and the Mexican and South American transition zones.

- Provides a comprehensive treatment of three subregions, two transition zones, and 53 biogeographic provinces of the Neotropical region
- Includes lists of area synonymies and examples of plant and animal taxa characterizing them
- Discusses the relationships between the areas and formulates hypotheses explaining the relationships of different biotas based on track and cladistic biogeographic analyses
- Identifies cenocrons that were assembled in the different biotas
- Contains maps that illustrate the distribution of particular taxa, area cladograms, and vegetation profiles
- Includes an extensive reference section that serves as an entry point for more in-depth research on individual subjects



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