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Fascinating Life Sciences

Life Sciences : Animal Systematics / Taxonomy / Biogeography

Rull, Valentí, Carnaval, Ana Carolina (Eds.)

Neotropical Diversification: Patterns and Processes

- Gathers a range of perspectives on the drivers of diversification across multiple taxonomic groups (with perspectives from vertebrate, invertebrate, and plant studies)
- Presents distinct, often opposing hypotheses on the processes of diversification in the Neotropics
- Illustrates how various geological and climatic historical events have shaped the astonishing biodiversity of the Neotropics
- Summarizes biodiversity data from all major neotropical ecosystems, including neotropical rainforests, savannah habitats, drylands, etc.

This book provides a comprehensive overview of the patterns of biodiversity in various neotropical ecosystems, as well as a discussion on their historical biogeographies and underlying diversification processes. All chapters were written by prominent researchers in the fields of tropical biology, molecular ecology, climatology, paleoecology, and geography, producing an outstanding collection of essays, synthetic analyses, and novel investigations that describe and improve our understanding of the biodiversity of this unique region. With chapters on the Amazon and Caribbean forests, the Atlantic rainforests, the Andes, the Cerrado savannahs, the Caatinga drylands, the Chaco, and Mesoamerica – along with broad taxonomic coverage – this book summarizes a wide range of hypotheses, views, and methods concerning the processes and mechanisms of neotropical diversification. The range of perspectives presented makes the book a truly comprehensive, state-of-the-art publication on the topic, which will fascinate both scientists and general readers alike.

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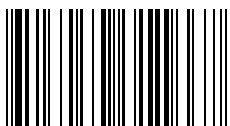
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