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Reading; References; Chapter 4: Patterns of Biodiversity; How Many Species are There?; Latitudinal Gradients of Diversity; Is Evolution Faster in the Tropics?; The Legacy of Glaciation; Latitude and Species Ranges; Diversity and Altitude; Biodiversity Hotspots; Diversity in Space and Time; Intermediate Disturbance Hypothesis

Dynamic Biodiversity and Neutral Theory

Further Reading; References; Section II: The Engines of the Planet; Chapter 5: Plate Tectonics; The Evidence for Plate Tectonics; Changing Patterns of Continents; How Plate Tectonics affects the Living World, Part I: Events on Land; How Plate Tectonics affects the Living World, Part II: Events in the Oceans; Islands and Plate Tectonics; Terranes; Further Reading; References; Chapter 6: Evolution, the Source of Novelty; The Mechanism of Evolution: The Genetic System; From Populations to Species; Sympatry versus Allopatry; Defining the Species

A Case Study: Darwin's Finches

Controversies and Evolution; Charting the Course of Evolution; Further Reading; References; Section III: Island Biogeography; Chapter 7: Life, Death and Evolution on Islands; Types of Island; Getting There: The Challenges of Arriving; Dying There: Problems of Survival; Adapting and Evolving; The Hawaiian Islands; Integrating the Data: The Theory of Island Biogeography; Modifying the Theory; The General Dynamic Model for Oceanic Island Biogeography; Nestedness; Living Together: Incidence and Assembly Rules; Building an Ecosystem: The History of Rakata

Further Reading
