

Species Richness and the Extinction Crisis

- Bolt from the Blue
- Species Richness Varies Systematically
- Counting Species
- What Determines Local Species Diversity?
- Species Turnover
- Biogeography and Conservation Biology
- Summary of Part 1
- Quiz Questions
- Ask Your Instructor

Ecological Biogeography

- Islands and Patterns
- Species-Area Curves
- Island Biogeography
- Equilibrium Theory of Island Biogeography
- Testing the Theory
- Dispersal
- Species-Area Curves: Islands vs. Mainland
- Island Biogeography and Conservation Biology
- Summary of Part 2
- Quiz Questions
- Ask Your Instructor

Historical Biogeography

- Deep History, Big Changes
- Plate Tectonics, Briefly
- Vicariance, Isolation, and Allopatric Speciation
- Dispersal, Founder Events, and Allopatric Speciation
- Distinguishing Modes of Allopatric Speciation
- Sympatric Speciation
- Historical Biogeographic Examples
- Exploring Latitudinal Gradients
- Biodiversity Hotspots and Conservation
- Summary of Part 3
- Quiz Questions
- Ask Your Instructor

Global Patterns in Physical Conditions

- Climate and Plant Communities
- Differential Energy Input From the Sun
- The Tilt and Orbit of the Earth Create Seasons
- Atmospheric Circulation
- Biomes
- Habitat Conservation
- Summary of Part 4
- Quiz Questions
- Ask Your Instructor