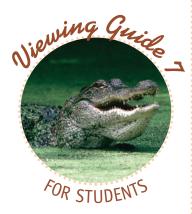
Episode: America's Eastern Natural Boundary

EXPLORING NORTH CAROLINA



USEFUL VOCABULARY

arctic climate disjunct ecosystem habitat microclimate temperate subtropical

CHAPTER 1 (2:17-6:55)

- **1.** What is a "natural" boundary?
- **2.** Why is North Carolina considered a natural boundary for eastern America?
- 3. What makes North Carolina home to so many living things?
- 4. What are contributing factors to North Carolina's climate?

CHAPTER 2 (6:55-10:06)

5. Bald Head Island is a boundary between what two climates? Name some species that are in their northern range.

CHAPTER 3 (10:06-15:12)

- 6. Why have few eastern diamondback rattlesnakes been reported in the ecologically diverse longleaf pine forest of the Coastal Plain?
- 7. What is the importance of ephemeral ponds in an animal's life cycle?

CHAPTER 4 (15:12-18:14)

8. Name some of the Ice Age "orphans" found in the Piedmont.

CHAPTER 5 (18:14-21:33)

9. What makes North Carolina home to several boundary species of reptiles and amphibians? Why is there concern about these animals?

CHAPTER 6 (21:33-25:13)

- **10.** How are Arctic species able to thrive in the North Carolina mountains?
- 11. Why should North Carolina be a focal point for study as our climate continues to change?