

**Zoology**  
**Chapter 25 Outline**  
**Early Tetrapods and Modern Amphibians**

- I. Movement Onto Land
- II. Evolution of Terrestrial Vertebrates
  - A. Devonian Origin
  - B. Carboniferous Radiation
- III. Modern Amphibians (Class Amphibia)
  - A. Diversity
  - B. Caecilians: Order Gymnophiona (Apoda)
  - C. Salamanders: Order Caudata (Urodela)
    - 1. Characteristics
    - 2. Breeding Behavior
    - 3. Respiration
    - 4. Paedomorphosis
  - D. Frogs and Toads: Order Anura (Salientia)
    - 1. Characteristics
    - 2. Habitats and Distribution
    - 3. Life Cycle
    - 4. Integument and Coloration
    - 5. Skeletal and Muscular Systems
    - 6. Respiration
    - 7. Vocalization
    - 8. Circulation
    - 9. Feeding and Digestion
    - 10. Nervous System and Senses
      - a. Brain
      - b. Vision
      - c. Other Senses
    - 11. Reproduction and Development
      - a. Eggs
      - b. Tadpoles
      - c. Metamorphosis