Chapter 30

Fishes and Amphibians, continued

Reinforcement and Study Guide

Section 30.2 Amphibians

In your textbook, read about what is an amphibian.

Answer the following questions. 1. What three orders make up the class Amphibia?	
2. Why do amphibian eggs need to be laid in water?	
3. Where does an amphibian heart pump oxygen-rich blood, and w	here does it pump oxygen-poor blood?
For each item in Column A, write the letter of the matching ite	em in Column B.
Column A	Column B
4. Adult frogs and toads have legs, lungs, and a heart.	a. two-chambered
5. Tadpoles have gills, fins, and a heart.	b. three-chambered
, animals whose body temperature changes with the temperature of their surroundings.	c. skin
	d. tadpoles
8. Some salamanders have no lungs and breathe through their	e. ectotherms

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In your textbook, read about the characteristics and diversity of amphibians.

Circle the letter of the response	hat best completes the statement.	
9. Early amphibians needed large	amounts of food and oxygen to	
a. walk on land.	b. breathe on land.	
c. become dormant in cold we	ther. d. all of these.	
10. In many amphibians, the most	mportant organ for gas exchange is the	
a. blood. b. skin.	c. lungs. d. circulatory system.	
11. Many frogs and toads use	as a defense against predators.	
a. toxins	b. electricity	
c. sharp claws	d. all of these	
12. Frogs and toads have sound-pr	ducing bands of tissues in their throat called	
a. tongues.	b. vocal cords.	
c. vocal tissue.	d. none of these.	
13. Salamanders are unlike frogs a	d toads because they have	
a. long, slender bodies.	b. tails.	
c. necks.	d. all of these.	
14. Caecilians are amphibians that	ave no	
a. eyes.	b. skin.	
c. limbs.	d. heart.	
In your textbook, read about the ord For each statement below, write 15. Ance fisher		
16. Amp 17. Becar Earth 18. Like right	bians probably evolved from tetrapods during the Paleozoic Era. see the climate was hot and dry when amphibians first appeared on they had to stay near water. nodern-day salamanders, early amphibians probably had legs set at nigles to the body. see amphibians were a transitional group, they never were the domi-	
nant vertebrates on land.		