

● Amphibians and Ultraviolet Light

Complete the following sentences using the appropriate terms from the textbook.

1. Three amphibians that are in danger of extinction are the Harlequin frog, the common toad, and the _____.
2. Since 1990, scientists have been trying to find out why the populations of amphibians are _____.
3. Amphibians live on land and _____ in water.
4. Amphibians are directly affected by _____ changes in their environment.
5. Since they absorb gases through their skin, amphibians are susceptible to _____.
6. Species whose overall health reflects the health of their particular ecosystem are called _____.
7. Scientists believe _____ is affecting the survival of amphibians world-wide.
8. The Cascade frog lives at high _____ in remote parts of the Cascade Mountains.
9. Cascade frog eggs that rest in the shallow water are subject to prolonged exposure to _____.
10. As the ozone layer becomes thinner, more _____ strike Earth.
11. It seems that ultraviolet light damages the _____ of the eggs of Cascade frogs.
12. The Pacific tree frog is not _____ in population.
13. Some organisms can repair damaged DNA by producing an enzyme called _____.
14. The eggs of the Pacific tree frog produce _____ as much photolyase as the eggs of the Cascade frog.
15. Photolyase helps the eggs of the Pacific tree frog survive excessive exposure to _____.