

### Biodiversity Web Quest

**Directions:** Go to [bit.ly/22nonVR](http://bit.ly/22nonVR) and answer the questions on this worksheet. You can click the “back” and “next” buttons to navigate through the different pages.

**What Is the Big Idea?** (click on “find out more” on the main page)

1. What is *biodiversity*?
2. List and briefly describe the three different types of biodiversity.
3. In a nutshell, why is biodiversity important?
4. List seven reasons why biodiversity is so important.
5. How/why are we losing biodiversity?
6. What are some things that have been done to protect endangered species and biodiversity?
7. What can *you* do to help preserve biodiversity?

**Saving Species** (go back to the main menu, scroll down and click on the link)

8. What is the most abundant organism on Andros Island in the Bahamas?
  
9. Why are scientists not finding a diverse population of other organisms on the coral reefs in the Bahamas?
  
10. What is so unique about Madagascar's ecosystem?
  
11. What is happening to the forest of Madagascar and what is the outcome?
  
12. Why is saving the biodiversity on Madagascar so important?
  
13. Why does Australia have such an unusual variety of spiders?
  
14. What would be the potential impact on Australian ecosystems if even just a few species of spiders went extinct?

**Going Going Gone** (go back to the main menu, scroll down and click on the link)

15. What does it mean for a species to be extinct? Give an example
  
16. Identify and describe five reasons species are becoming extinct.
  
17. How do invasive species travel or spread to a different ecosystem? Give an example.

Go to the Spectrum of Life page: [bit.ly/1tyfvRC](http://bit.ly/1tyfvRC)

Choose 5 major groups of organisms. For each group, list the number of known species, where they live, and the ecological role and human uses

1.

2.

3.

4.

5.