

**Chapter
5****Biological Diversity
and Conservation, *continued*****Reinforcement and Study Guide****Section 5.2 Conservation of
Biodiversity**

In your textbook, read about strategies of conservation biology.

Answer the following questions.

1. What is conservation biology?

2. How does the U.S. Endangered Species Act protect biodiversity?

3. How do nature preserves help protect biodiversity?

4. Why is it usually better to preserve one large area of land instead of a few smaller areas of land?

5. Why are habitat corridors used to connect different protected areas?

6. What caused the steady decline of the black-footed ferret population in Wyoming?

7. What efforts were made to increase the size of the black-footed ferret population?

8. How are seed banks useful in protecting biodiversity?

9. What are some problems of keeping endangered animals in captivity before reintroducing them to their original habitats?
