

Use an additional sheet of paper if needed.
 Study Guide, Section 2: Threats to Biodiversity continued

In your textbook, read about factors that threaten biodiversity.

Complete the table by filling in the missing information.

Threat to Biodiversity	Description	Example of a Threatened Species or Organism
Overexploitation	9. Excessive use of species for economic value	bison
Destruction of habitat	10. Clearing of a region that wipes out a habitat	hyacinth macaw
Disruption of habitat	11. Changes to one part of an ecosystem that can affect the whole ecosystem	12. Sea otters
Fragmentation of habitat	13. Separation of an ecosystem into small pieces	Florida panther
Pollution of habitat	14. Changes the composition of air, soil, and water	15. bald eagle
Acid precipitation	16. Chemicals from burning fossil fuels	Blue Ridge goldenrod
Eutrophication	17. occurs when chemicals get into underwater habitats	water pennywort
Introduced species	18. nonnative species transported to a new habitat	Guam rail

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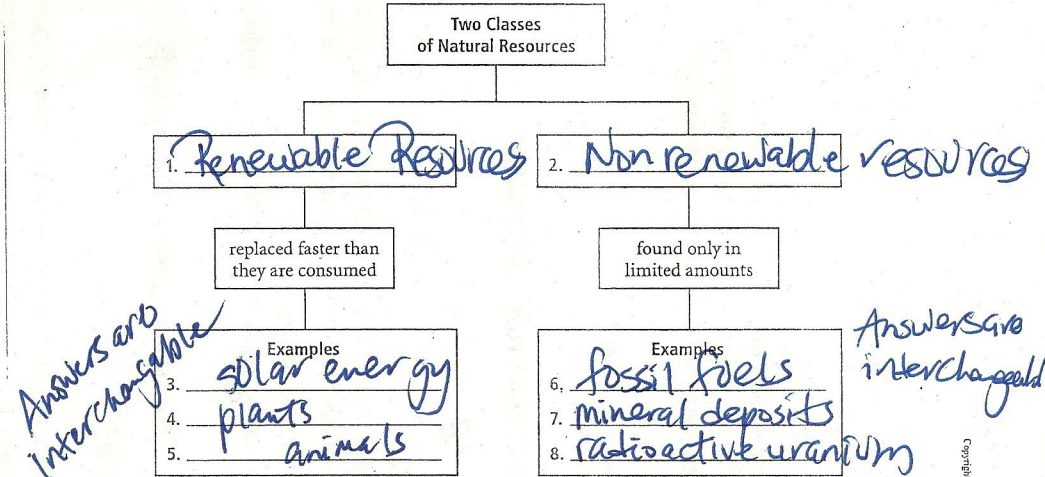
Study Guide

CHAPTER 5

Section 3: Conserving Biodiversity

In your textbook, read about natural resources.

Complete the graphic organizer. These terms may be used more than once: animals, fossil fuels, mineral deposits, nonrenewable resources, plants, radioactive uranium, renewable resources, solar energy.



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In your textbook, read about restoring ecosystems.

Respond to the following statement.

9. Define bioremediation and bioaugmentation. Give one example of each.

Bioremediation is the use of living organisms such as prokaryotes, fungi, or plants to detoxify a polluted area. For example microorganisms can be used to clean up a fuel leak. Bioaugmentation is adding essential materials to a degraded ecosystem. For example, farmers rely on certain species of ladybugs to eat aphids, which are harmful to their crops.

Don't forget to create your comic strip. See my website for details.