

Section 2.3

Effects of Bioaccumulation on Ecosystems

Before You Read



1. Words to Know

Directions: Match the correct definition to the term on the left.
Scan pages 92 – 99 to find the definitions.

Words to Know	Definition
___ bioaccumulation	A. organisms that can greatly affect population numbers and the health of an ecosystem
___ bioremediation	B. ppm; one particle of a given substance mixed with 999 999 other particles, which is equivalent to one drop of dye mixed with 150 litres of water
___ heavy metals	C. the gradual build-up of synthetic and organic chemicals, which decomposers cannot break down through the biodegradation process, in living organisms
___ keystone species	D. synthetic chemicals that were widely used from the 1930s to 1970s that bioaccumulate and cause problems with the reproductive abilities of many organisms
___ parts per million	E. the use of living organisms (usually micro-organisms or plants) to do the clean-up of chemical pollution naturally
___ PCBs	F. elements with a high density that are toxic to organisms at low concentrations

2. Predicting the Main Ideas of Section 2.3

Directions: Scan pages 92 – 99 looking at the pictures and titles within this section. Predict three things you think you will learn in this section.

1. _____

2. _____

3. _____

