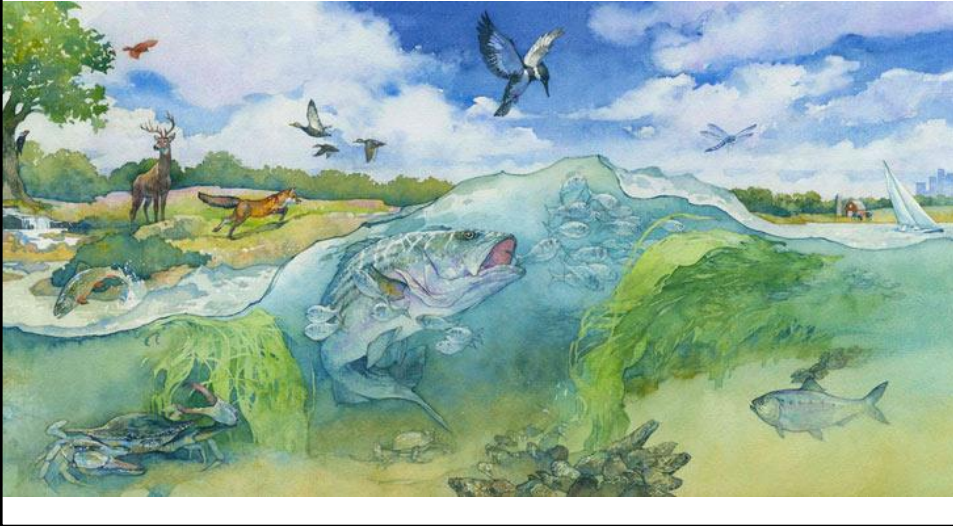


Unit A: Interactions and Ecosystems

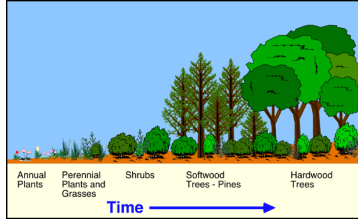


Topic 6: Succession and Change in an Ecosystem

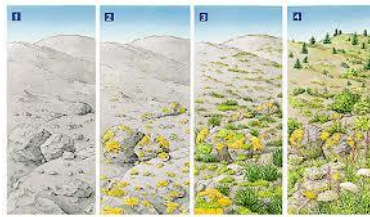


A. Introduction

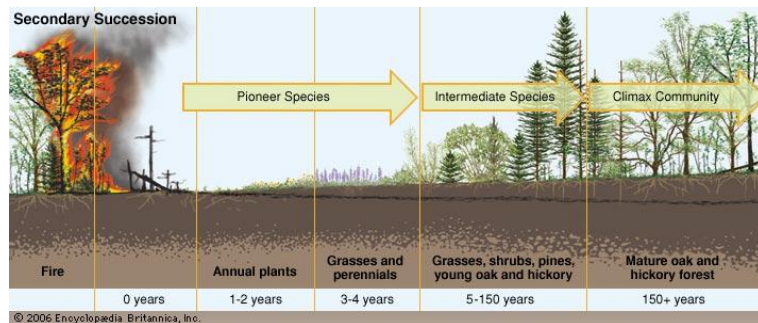
1. Succession: a gradual process where a species within an ecosystem replaces another species.



2. Primary Succession: gradual growth of organisms in an area that was previously bare.



3. Secondary Succession: gradual growth of organisms in an area after a disturbance, such as a fire.



B. Changes Caused by Human Activity

1. Humans affect the environment in many ways



2. Some species thrive and while others suffer.



Brown-headed cowbird



Yellow Warbler

C. Pest Control

1. Pesticides can damage other organisms not targeted.



D. Biological Control

1. Using the natural enemies of pests to control the pests population.



Black dot spurge beetle on a leafy spurge

E. Introduced Species

1. Accidentally introducing a species to a new environment.
2. With no predators, they can take over an ecosystem.



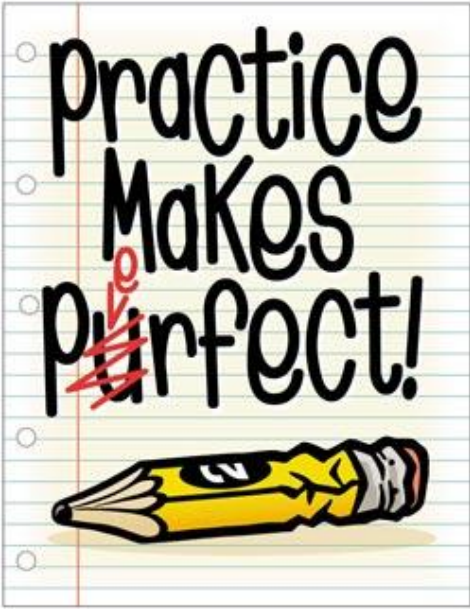
Zebra mussels in the Great Lakes

F. Species in Danger


1. Extinct - a species that can no longer be found anywhere in the world.



The grizzly bear is an endangered species



practice
Makes
~~per~~fect!



PRACTICE:
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