5-2 Limits of Growth

Limiting Factors

* A limiting factor the growth of a
  + Many depend on
  + Determines the of an environment for a

Density Dependent Factors

* Occurs when the reaches a certain
* Competition
  + brings upon the
  + The more of a population the get used up
  + The organisms that pass on their info and to be more
* Predator-Prey
  + The in an area will increase the rate of the
  + As the predator numbers increase, the prey numbers will
  + Eventually the and the cycle repeats
* Herbivore
* Describe the effects of herbivores on the plant species in an area
* Parasitism and Disease
  + The the population the the rate parasitic hosts can live and
* On page 140, what happened to the wolf population on the island?
* Describe what stress is to an organisms and how can it be detrimental to a population

Density Independent Factors

* These factors affect regardless of
  + Natural Disasters, weather
* Describe what a drought can do on page 140

Controlling Introduced Species

* Read the two paragraphs on page 141 and write 2-3 sentences on how populations can be controlled.
* What have researchers done for the Hydrilla control in Florida?
* Why must it be sterilized?