Ch. 4 Ecosystems and Communities

Climates

* A region’s climate is defined by a
* determines types of
* Thermal energy can be determined by and transferred by and
* Thermal energy being at the surface of the earth is known as the
* AS greenhouse gases are present, the thermal energy will to the earth – needs to be
* Look on page 97, what are the three gases that balance surface temps?

A B C

* Latitude on the earth surface determines the amount of
  + Which would have more solar energy in January – New York or Florida
* The of heat causes the different
* These different systems the different on Earth

The Niche

* Describes the in which species live
* Resources need to be available ( )
* Describe the physical aspects (page 100)
* Describe Biological aspects

Competition

* Competition amongst organisms
  + Can occur between species ( ) or of species ( )
* No can occupy the
  + One species will be for resources
* Describe what happens between the Warbler species in the spruce tree on page 101

Symbiosis

* Symbiosis is the term for when two species live (pg 103)
* Mutualism
  + Relationship when
  + Write an example
* Parasitism
  + Relationship when
  + Write an example
* Commensalism
  + Relationship when
  + Write an example

Biomes

* Locations on earth that are affected by many factors
* Organisms are defined by how they have
* Each biome is associated with of temp and