



8.11B

Interdependence

Picture Vocabulary

# Ecosystem



Interacting populations of organisms with  
biotic and abiotic factors

# Abiotic Factors



Non-living factors that affect the ecosystem: light, space, temperature, shelter, water, soil composition

# Biotic Factors



Living factors that affect the ecosystem: food sources, other population members, other species

# Competition



Interspecies competition

Intraspecies competition,  
Invasive Zebra Mussels



More than one individual or population  
in an ecosystem relies upon the  
same limited resources

# Niche



Bee on yellow flower,  
captured by yellow spider

Role in an ecosystem



Ladybug  
eating aphids

# Limiting Factor



A biotic or abiotic factor needed as a resource for survival; depletion prevents growth or expansion of the organism or population