

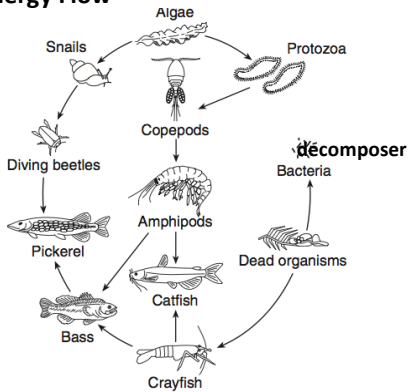
Ecology

Expectation Sheet

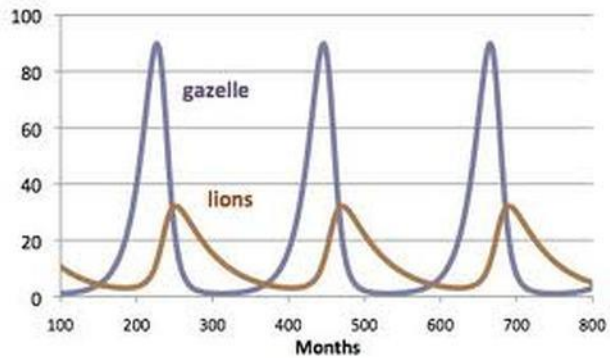
Name: _____

Test Date: 4/17/19

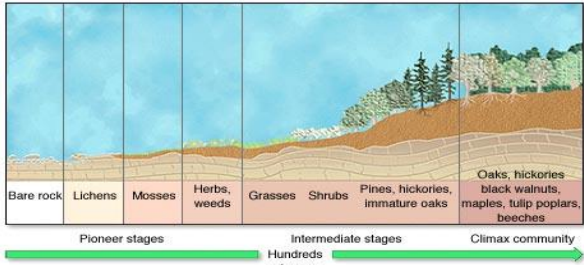
Ecology- Energy Flow



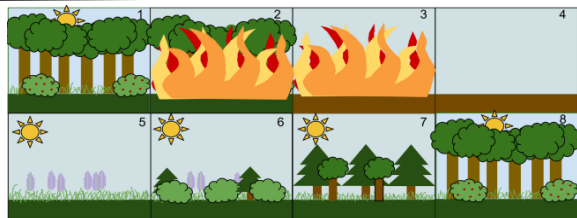
Predator – Prey Relationships



Ecology- Succession climate determines climax community

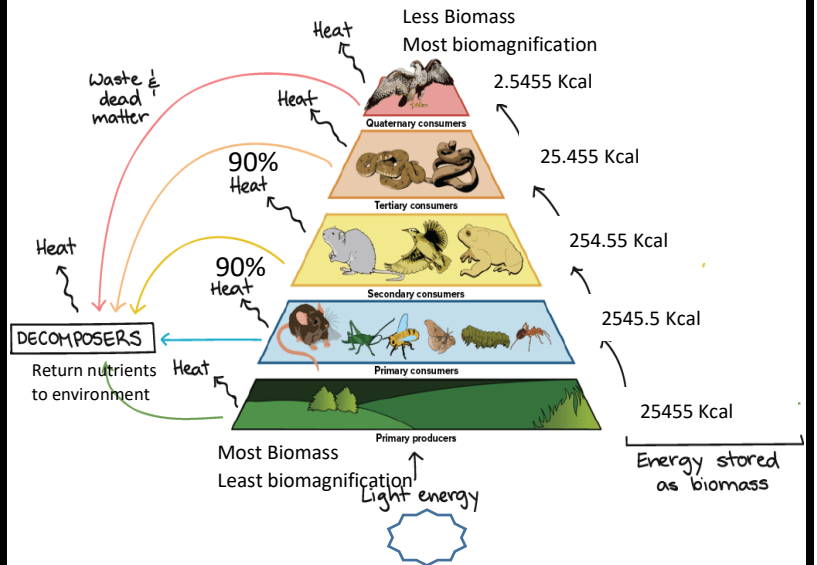


A Primary Succession – bare rock first



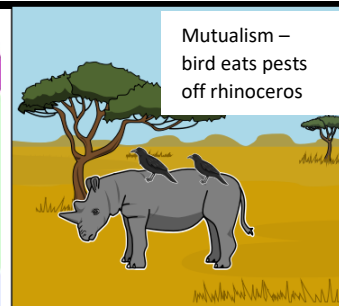
B Secondary Succession – has soil already

Energy Pyramid

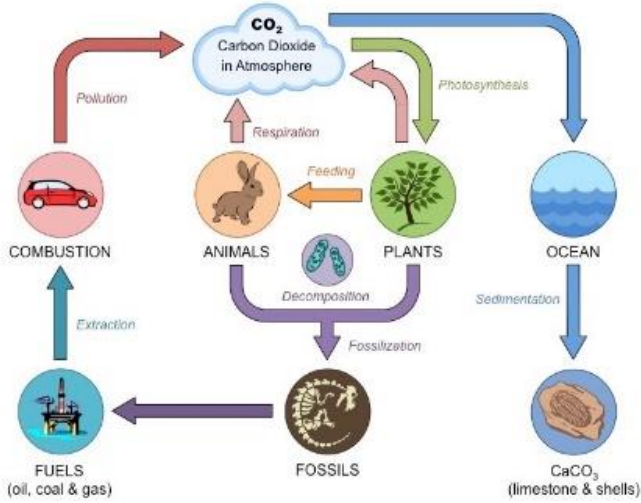


Ecology- Symbiotic Relationships

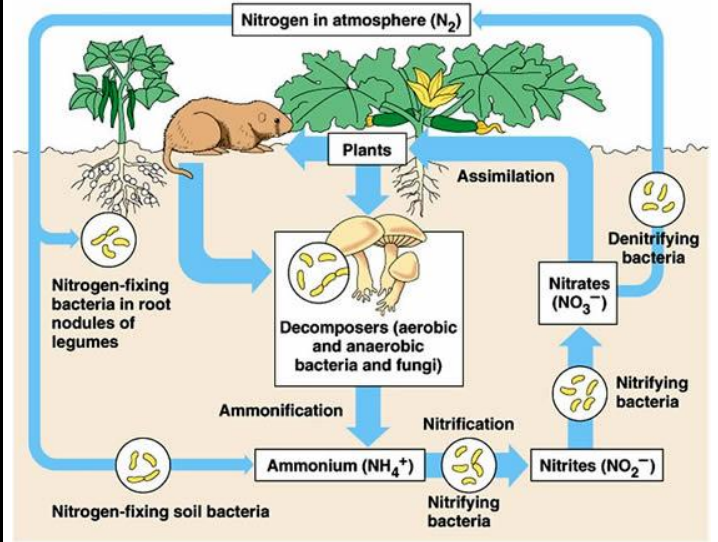
INTERACTION	TYPE OF SYMBIOSIS	EXAMPLE
<p>Benefits Benefits</p>	<p>Mutualism Species A benefits Species B benefits</p>	<p>Sea anemone Clown fish</p>
<p>Benefits Unaffected</p>	<p>Commensalism Species A benefits Species B unaffected</p>	<p>Whale Barnacle</p>
<p>Benefits Harmed</p>	<p>Parasitism Species A benefits Species B harmed</p>	<p>Dog Tick</p>



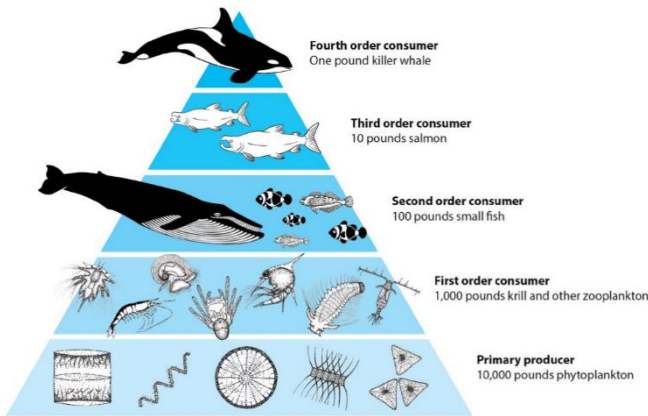
Cycles - Carbon



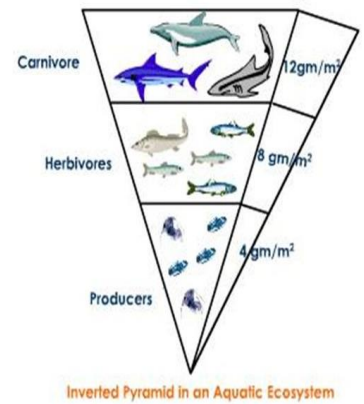
Cycles - Nitrogen



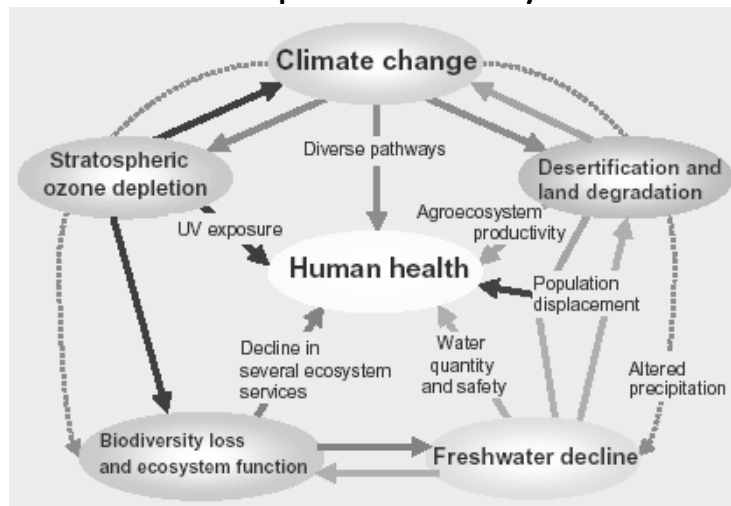
Most aquatic ecosystems are the typical Biomass Pyramid seen below:



Some aquatic ecosystems like the one to the right have inverted biomass pyramids, producers are consumed so quickly that the primary consumers outweigh them.



Human Impact on Ecosystems:



Eutrophication:

