



Biodiversity



Biodiversity

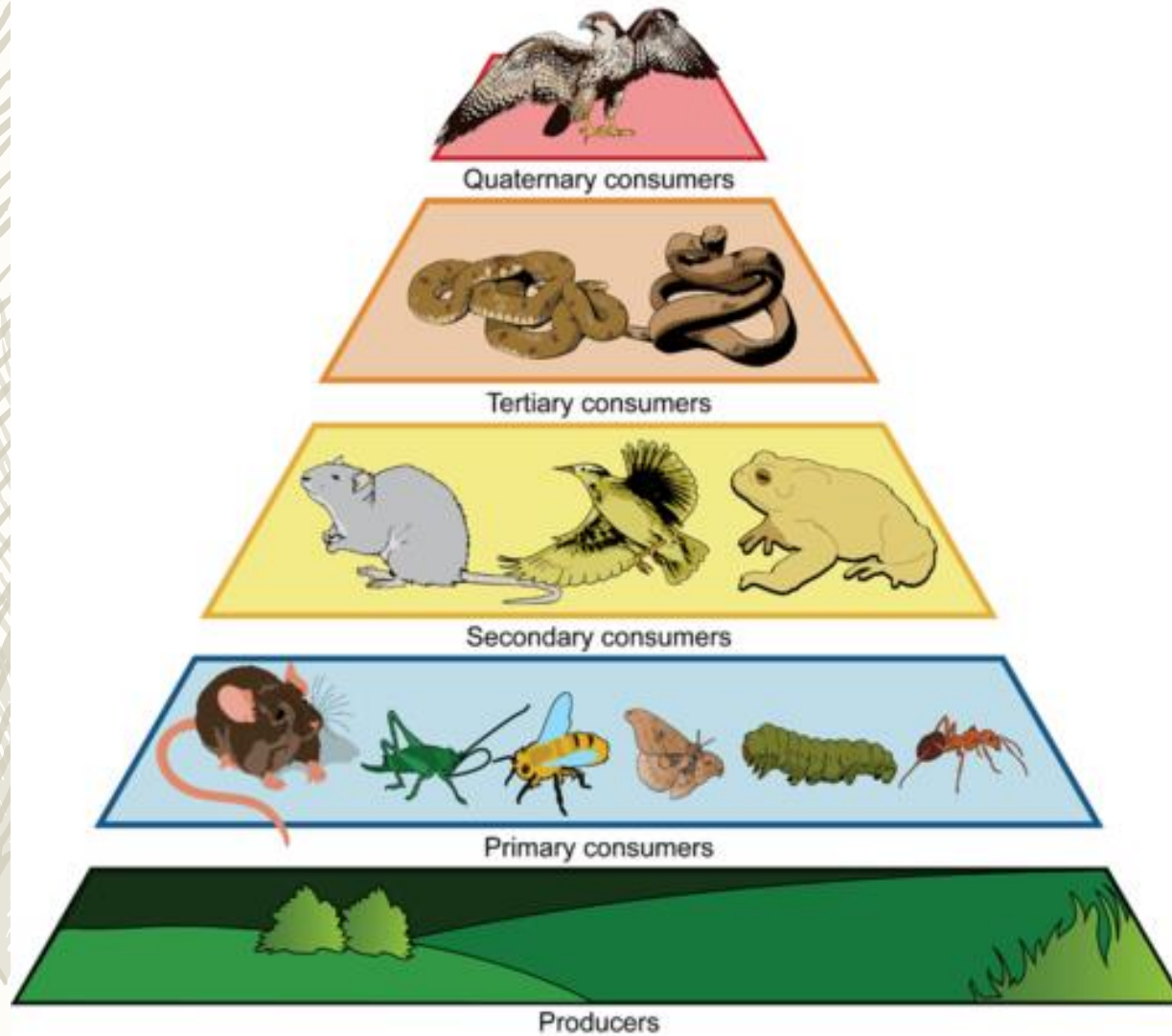
- “Bio”: biologic- living things
- “Diversity”: many different things
- The amount of ‘life’ in an area is dependant on many things. Mostly we look at the biotic and abiotic factors that promote life



Life sustaining factors

- Abiotic: non living parts of an ecosystem that contribute to life
- examples:?
- Biotic: living parts of an ecosystem that contribute to life
- Examples:?

Biotic factors




Abiotic Factors



Abiotic Factors

 <p>air</p>	 <p>salinity</p>	 <p>soil</p>
 <p>temperature</p>	 <p>light</p>	 <p>water</p>
 <p>minerals</p>	 <p>pH</p>	 <p>humidity</p>

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Examine the following photographs and think about how much biodiversity would exist in each environment.

What abiotic & biotic factors are present?









Interdependence of living things

- What animals do you know of that depend on another to survive?
- Birds and their food: [Link](#)



Sustainable ecosystems

- What does “sustainable” mean to you?
- Write it down in your notes- INDIVIDUALLY
- Share with your neighbour- do you want to revise your definition?
- Share with your neighbouring table- do you want to revise your definition again?



Lets go for walk!

We will go into the woods and look for biotic factors from each level:

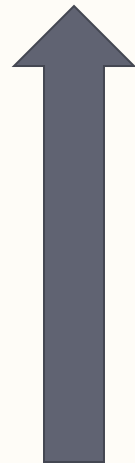
Quaternary Consumer

Tertiary Consumer

Secondary Consumer

Primary Consumer

Producers



- Take a picture of each organism from each level.

