

Define the following keywords:

Keyword	Definition
Habitata	
Ecosystem	
Community	
Interdependence	

Ecology

Describe how quadrats can be used to estimate the size of a population

What are the disadvantages of quadrat sampling?

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State some biotic and abiotic factors that can affect the population of organisms in a habitat.

Biotic

Abiotic

Describe how a line transect is carried out.

What could be taken during line transects that can build up a more accurate picture?

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State and explain the adaptations of a cactus (Use the keywords small area to volume ratio and transpiration in your answer)

Create a simple food web of your choice and label with the keywords – producer, primary consumer, secondary consumer, predator, prey.

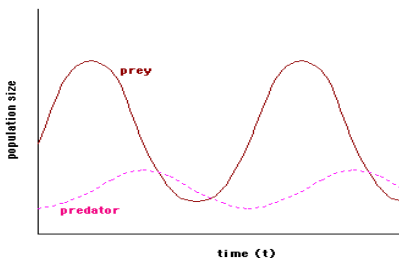
Explain how new competitors can disrupt the ecosystem.

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Look at the graph below. Describe and explain predator prey relationships.



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