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Reading Guide- Limiting Factors and Interactions

Use pages 45-55 to complete the following.

Limiting Factors

1. What causes population growth rate decreases?
2. What is carrying capacity?
3. Define limiting factors.
4. Give 5 examples of limiting factors.
5. Define competition.
6. What causes competition?
7. What letter is an abbreviation for carrying capacity?
8. What determines the carrying capacity for a given environment?
9. How is water a limiting factor in a desert ecosystem?
10. How could too much water act as a limiting factor?
11. How can human activities be a limiting factor?

Interactions

1. Define symbiosis.
2. List and define the three types of symbiosis.
3. Give an example of Mutualism.
4. Give an example of Commensalism
5. Give an example of Parasitism.
6. Define predation.
7. Give two examples of predation and identify which is the predator and which is the prey in the relationship.
8. Draw the graph on page 53 representing the predator prey relationship and describe how the relationship keeps the populations in balance.
9. Define competition.
10. Define intraspecific competition.
11. Give an example.
12. Define Interspecific Competition.
13. Give an example.
14. Define niche.
15. Describe how competition can lead to specialization.