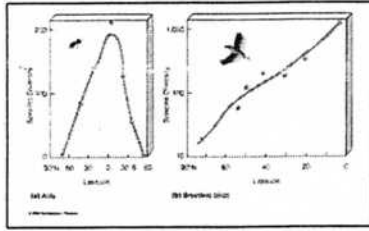


APES Chapter 7 review questions

1. How do the size of an island and its distance from a mainland affect its species diversity?

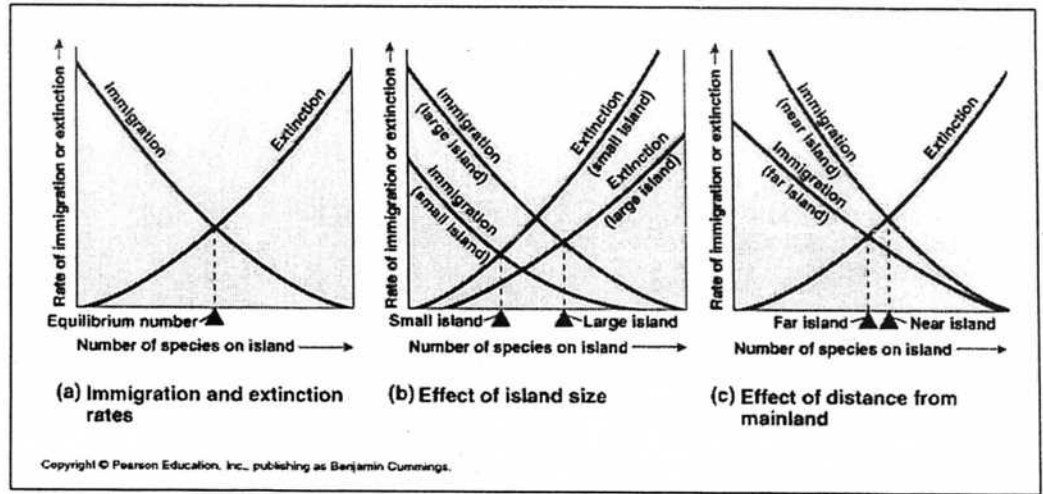


2. Why are birds good indicator species?

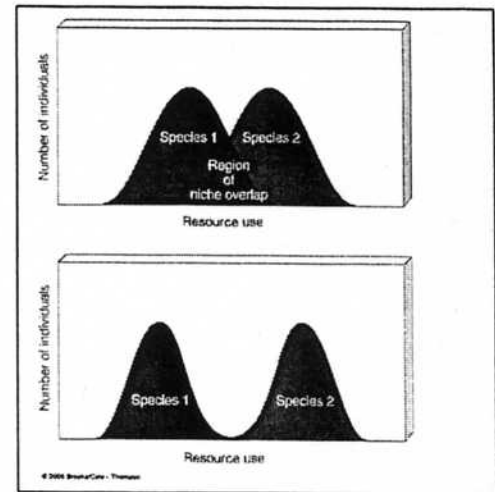
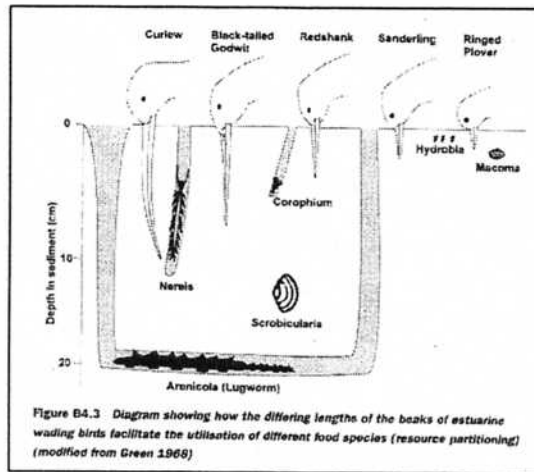


4. What are two possible consequences when the niches of two species competing in the same area overlap to a large degree?

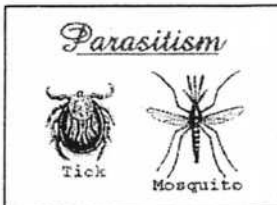
5. Give an example of resource partitioning.



3. Describe the keystone ecological roles of flying foxes or some shark species. What can happen in an ecosystem that loses a keystone species?



6. What is predation? Describe the predator-prey relationship, and give an example.



7. List two ways (adaptations) used by prey to avoid their predators, and give an example of each type.

8. How is parasitism different from predation?

9. List one example of (a) mutualism and (b) commensalism.

10. List three characteristics of the succession process.

11. Describe the difference between constancy and resilience in ecological terms.

