

Symbiosis

Answer the questions while watching the video.

1. What kind of organism is the antlion?
2. The antlion is a ___ in this relationship.
3. What happens to the population size of the predator after its population becomes larger than the population of its prey?
4. Competition is another relationship in an ecosystem. The antlion competes with ____.
5. Competition is when ____.
6. Symbiotic relationships are ____.
7. Parasitism is a symbiotic relationship where ____.
8. Mutualism is a symbiotic relationship where ____.
9. Commensalism is a symbiotic relationship where ____.
10. When the population of one species is threatened, ____.

For the following, choose whether the example is Mutualism, Commensalism, or Parasitism.

11. Ticks feed on tortoise blood and the tortoise are harmed by getting a disease.
12. Ostriches and gazelles feed next to each other. They both watch for predators and alert each other to danger. Since the visual abilities of the two species are different, they each can identify threats the other animal would not normally see.
13. Hermit crabs live in shells made and then abandoned by snails.
14. Yucca flowers are pollinated by yucca moths. The moths lay their eggs in the flowers where the larvae hatch and eat some of the developing seeds. As the moths fly to different flowers to feed, they help pollinate the flowers.

15. Cowbirds land and sit on the backs of buffalo as they graze. As the buffalo walk through the grass, insects become active and are seen and eaten by cowbirds.
16. Cuckoo birds are known to lay their eggs in another bird's nest called a Warbler. The cuckoo young will push out the Warbler's babies so they can be raised by the warbler.
17. Remoras are small fish that attach themselves to sharks, turtles, or sting rays. They then travel with the animal and feed on leftover food scraps.
18. Mistletoe is a popular winter plant but it is considered a weed. It uses the water and nutrients from the spruce tree it is attached to for itself. The spruce trees eventually die.
19. Silverfish are a common type of insect that live and hunt with army ants. They two insects will share the prey.
20. Wrasse fish feed on the parasites found on sea basses backs.