

TYPES OF SYMBIOSIS

There are 3 basic types of symbiosis. Don't forget that symbiosis is the relationship between two organisms of different species that benefits one or both organisms.

M- Mutualism- a symbiotic relationship that benefits both organisms involved.

C- Commensalism- a symbiotic relationship that benefits one organism and the other is not helped or harmed.

P- Parasitism- a symbiotic relationship that benefits one organism and the other is harmed.

Directions: Put the letter (M,C,P) by the statement that best describes the type of symbiosis. Underline the organisms that benefit, circle the organisms that are harmed, and put a square around the organisms that are unaffected.

- _____ 1. A tick living on a dog.
- _____ 2. The honeyguide bird leading the honey badger to the bees hive, both eat the honey.
- _____ 3. A tapeworm living in a high school student's intestines.
- _____ 4. A bird building their nest in a tree.
- _____ 5. The hermit crab carrying the sea anemone on its back.
- _____ 6. The bristle worm living with the hermit crab.
- _____ 7. Head lice living on a human scalp.
- _____ 8. Mistletoe putting its roots into its host tree.
- _____ 9. The ants and the acacia tree living together and both receiving benefit.
- _____ 10. The egret, an insect eating bird, graze near some herbivores mouth.
- _____ 11. Orchids growing in tall tropical trees, the trees are not harmed but the orchids get sunlight.
- _____ 12. Bacteria living on a humans skin.
- _____ 13. The remora hitching a ride on a shark.
- _____ 14. Barnacles living on a whale.
- _____ 15. Bees and a flower.
- _____ 16. Bacteria living in the intestines of a cow to help it break down cellulose.
- _____ 17. The clownfish and the sea anemone.
- _____ 18. A child and their pet.
- _____ 19. The Rhino and the tick bird.
- _____ 20. The lichen- a close relationship of a fungus and an alga that benefits both.