

## Which Symbiosis is it?

### *Mutualism --- Commensalism --- Parasitism*

- Oxpecker and zebras:** Oxpeckers are a type of small bird that land on zebras and eat ticks and other parasites that live on the zebra's skin. The oxpeckers get food and the zebras get pest control.  
Organism 1: \_\_\_\_\_  helped  harmed  not harmed/not helped  
Organism 2: \_\_\_\_\_  helped  harmed  not harmed/not helped  
Symbiotic Relationship: \_\_\_\_\_
- Tapeworm and animals:** Tapeworms are segmented flatworms that attach themselves to the insides of the intestines of animals such as cows, pigs, and humans. Tapeworms get food by eating the host's (animal) partly digested food, depriving the host (animal) of nutrients.  
Organism 1: \_\_\_\_\_  helped  harmed  not harmed/not helped  
Organism 2: \_\_\_\_\_  helped  harmed  not harmed/not helped  
Symbiotic Relationship: \_\_\_\_\_
- Spider crab and algae:** Spider crabs live in shallow areas of the ocean floor, and greenish-brown algae lives on the crabs' backs, making the crabs blend in with their environment, and unnoticeable to predators. The algae get a good place to live, and the crab gets camouflage.  
Organism 1: \_\_\_\_\_  helped  harmed  not harmed/not helped  
Organism 2: \_\_\_\_\_  helped  harmed  not harmed/not helped  
Symbiotic Relationship: \_\_\_\_\_
- Remora and the shark:** Remora fish are small fish that make their niche by picking up the scraps that sharks leave behind while feeding. The shark makes no attempt to prey on the remora fish.  
Organism 1: \_\_\_\_\_  helped  harmed  not harmed/not helped  
Organism 2: \_\_\_\_\_  helped  harmed  not harmed/not helped  
Symbiotic Relationship: \_\_\_\_\_
- Bee and the flower:** Bees fly from flower to flower-gathering nectar, which they make into food. When they land in a flower, the bees get some pollen on their hairy bodies, and when they land in the next flower, some of the pollen from the first one rubs off, pollinating the plant.  
Organism 1: \_\_\_\_\_  helped  harmed  not harmed/not helped  
Organism 2: \_\_\_\_\_  helped  harmed  not harmed/not helped  
Symbiotic Relationship: \_\_\_\_\_
- Bacteria and the human colon:** Bacteria live in the colon of humans and are able to feed off the indigestible food that the human body cannot break down (cellulose of plants). In the process of breaking down the food, the bacteria also make much-needed vitamins that the human body in turn can use to keep healthy.  
Organism 1: \_\_\_\_\_  helped  harmed  not harmed/not helped  
Organism 2: \_\_\_\_\_  helped  harmed  not harmed/not helped  
Symbiotic Relationship: \_\_\_\_\_
- Dog and the tick:** Ticks live on dogs and feed off the dog's blood. They may also infect the dog with a parasite that can cause the dog to become quite sick. Dogs also are sometimes found to be very tired because a large volume of their blood has been drained.  
Organism 1: \_\_\_\_\_  helped  harmed  not harmed/not helped  
Organism 2: \_\_\_\_\_  helped  harmed  not harmed/not helped  
Symbiotic Relationship: \_\_\_\_\_