

**Coral Reef Relationships Chain Game
Questions**

1. If people over-fished many smaller reef fish, like the butterfly fish, for their aquariums, which organisms would likely decline in numbers? _____

Which would increase in numbers? _____

2. If anemones were removed from reefs would the coral be directly affected?

Which animals would be affected? _____

3. If cleaner shrimp were over-fished for aquariums what would happen to the fish they clean? _____

4. The sun is the major source of energy for most ecosystems. This is true for coral reefs. Because zooxanthellae need sunlight, corals containing zooxanthellae only live in ocean waters less than 100 meters deep. Dirt can be churned up from hurricanes, from boats motoring too fast, from divers standing on the reef. Who would be affected if large amounts of dirt were to be churned up and block out the light? _____

5. Name three animals in a predator-prey chain. _____

6. Name 2 animals that are simultaneously in a commensal and mutualistic relationship.
