

Symbiotic Relationships





Symbiotic Relationships

- **The interaction between 2 or more organisms.**
 - There are 6 different types to know...

1. Producer/Consumer/Decomposer

- A relationship in which a producer grows, a consumer eats the producer, and the decomposer breaks down the dead consumer.
- Basically it's a **food chain**.



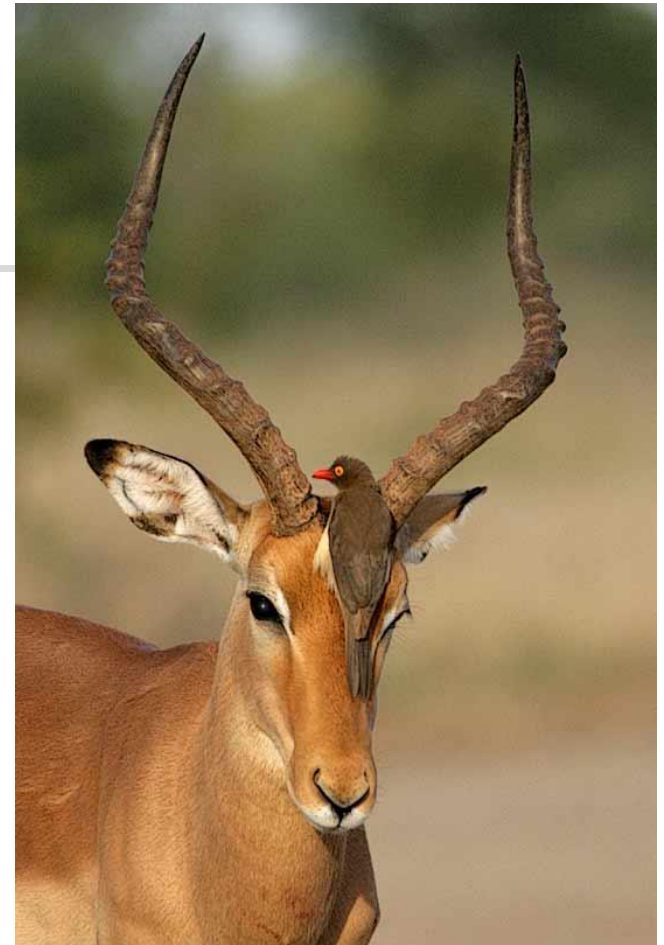
2. Predator/Prey

- When one organism **hunts and eats** another organism.
 - **hunter=predator.**
 - **hunted=prey.**



3. Mutualism

- A relationship between 2 organisms in which **both benefit**.
- Examples:
 1. The oxpecker and kudu
 2. The ant and aphid



4. Parasitism

- A relationship between 2 organisms in which **one benefits** while the **other is harmed**.
 - parasite benefits.
 - host is harmed.



5. Commensalism

- A relationship between 2 organisms in which **one organism benefits, other is unaffected**.
 - Example
 - The Bison and the Cowbird




6. Competition

- A relationship in which **both organisms are harmed**.
 - Example
 - A lion and hyena fighting over food.



Symbiotic Relationship Review



Species #1 → Species #2 ↓	Benefit +	Harmed -	No Affect 0
Benefit +	Mutualism + +	Parasitism + -	Commensalism + 0
Harmed -	Parasitism + -	Competition - -	X
No Affect 0	Commensalism + 0	X	Neutralism 0 0