

## Feeding Relationships

There are 3 main types of feeding relationships

1. Producer →

2. \_\_\_\_\_ ← Prey

3. Parasite ←

- **Autotroph:** An organism that collects \_\_\_\_\_ from sunlight or inorganic substances to \_\_\_\_\_ food. (Producer)
- \_\_\_\_\_: An organism that gets its energy requirements by consuming other organisms. (\_\_\_\_\_)

There are different types of Heterotrophs

- **Herbivore:** Eats only plants
  - \_\_\_\_\_
- **Carnivore:** \_\_\_\_\_
  - (Wolves, lions, cats, etc.)
  - \_\_\_\_\_ feed on carrion (\_\_\_\_\_)
  - (Hyenas, vultures, some crabs, etc.)
- **Omnivore:** Eat both plants and animals
  - \_\_\_\_\_
  - **Detritivores:** Eat fragments of dead matter
    - (Earthworms, millipedes, etc.)
- \_\_\_\_\_: Chemically breaks down dead matter (\_\_\_\_\_)

### Symbiotic Relationships

Symbiotic –

- **Mutualism:** \_\_\_\_\_
  - Lichens
- \_\_\_\_\_: One organism benefits, while the other is neither helped nor harmed.

- Epiphytes (i.e., Bromeliads)
- **Parasitism:** \_\_\_\_\_
  - Parasitoid wasp eggs on a tomato hornworm