

# Chapter 1: Nutrition in Plants

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- Autotrophic
- Heterotrophic
  - Parasitic
  - Saprophytic
  - Symbiotic
  - Insectivorous

## Autotrophic

- Make own food
- Green leaves b.c. Chlorophyll

## Heterotrophic

### Parasitic

- Food from other organism
- Eg.:
  - Cuscuta
  - Rafflesia
  - Corpse Flower

### Saprophytic

- Food from dead or decaying subst.
- Eg.:
  - Mushroom
  - Bread mould

### Symbiotic

- Share shelter and food
- Eg.:
  - Rhizobium bacteria & leguminous plants
  - Algae & Fungi => Lichen

### Insectivorous

- Eat insects
- Colourful
- Body parts modified to trap
- Need insects b.c.:
  - Complex form -> simple form (nutrients)

- Eg.:
  - Venus flytrap