

# Chapter 1: Nutrition in Plants

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## Autotrophic:

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

## Heterotrophic:

- Parasitic
  - Food from other organism
  - E.g.:
    - Cuscuta
    - Rafflesia
    - Corpse Flower
- Saprophytic:
  - Food from dead or decaying subst.
  - E.g.:
    - Mushroom
    - Bread mould
- Symbiotic:
  - Share shelter and food
  - E.g.:
    - 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)
  - E.g.:
    - Venus flytrap