

# Chapter 1: Nutrition in Plants

Aratrik Pal

April 9, 2021

## 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