

PARASITISM

TYPES OF PARASITE

Ectoparasite

(live on the body of host)

Ectozooparasite

- eg. Leech on cattle
- Lice on Human
- Ticks on dogs
- Copepods on Marine fish.

Ectophytoparasite

- Aphids
- Red cotton bug
- Lac insects

Liver fluke

Two intermediate host



Endoparasite

Live in the body of host

eg - Entamoeba histolytica
→ large intestine parasite

→ Ascaris
↳ small intestine parasite

→ Tapeworm

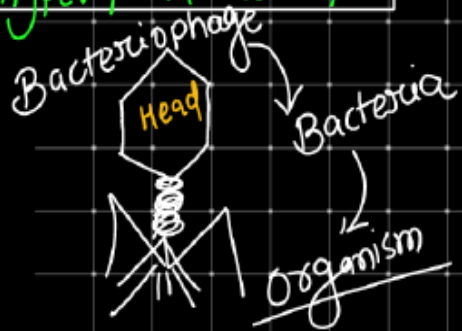
→ Taenia

Plasmodium

↳ Malaria parasite

Special types of parasitism

Hyper parasitism



Brood parasitism

Bird (cuckoo)
crow - host

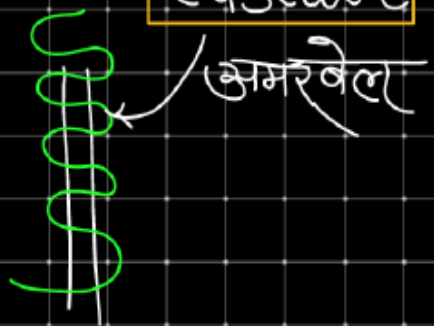
Example *

Rafflesia

Total Root parasite

Cuscuta *

Total stem parasite



Haloparasitism

Totally-dependent on the host their requirement

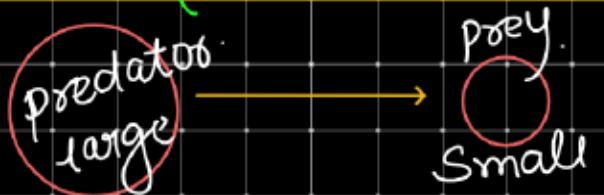
Hemi parasite

partially dependent on the host

• Viscum
on oak

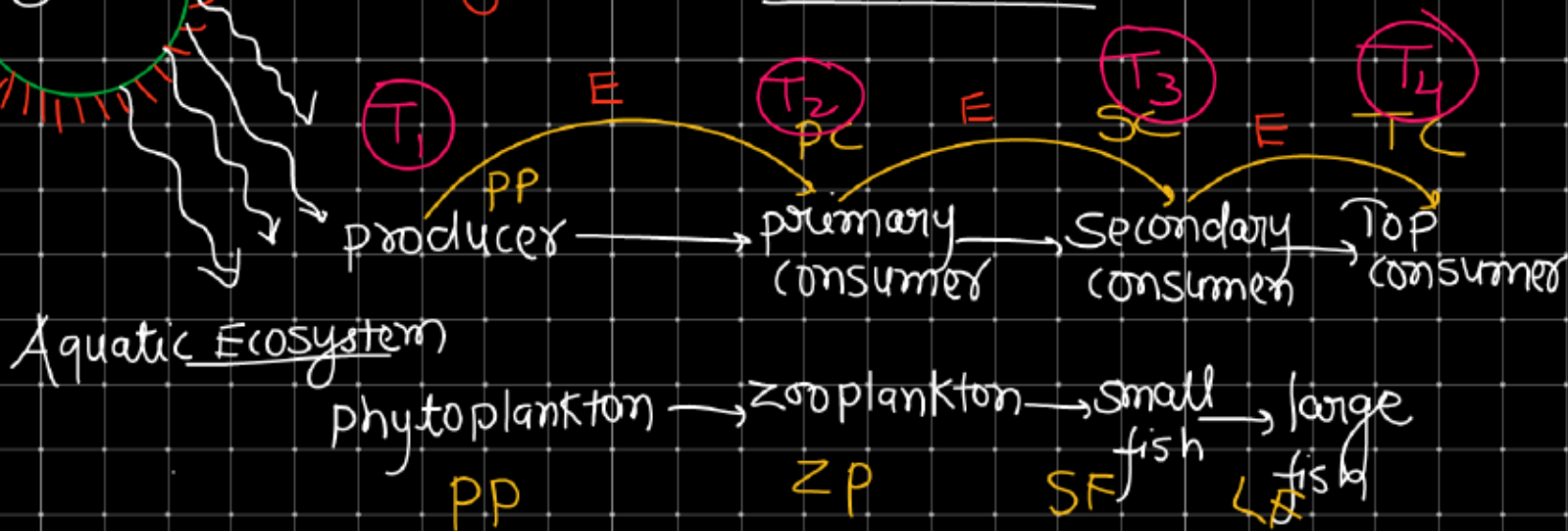
Loranthus
on mango

PREDATION



Energy transfer

Conduits

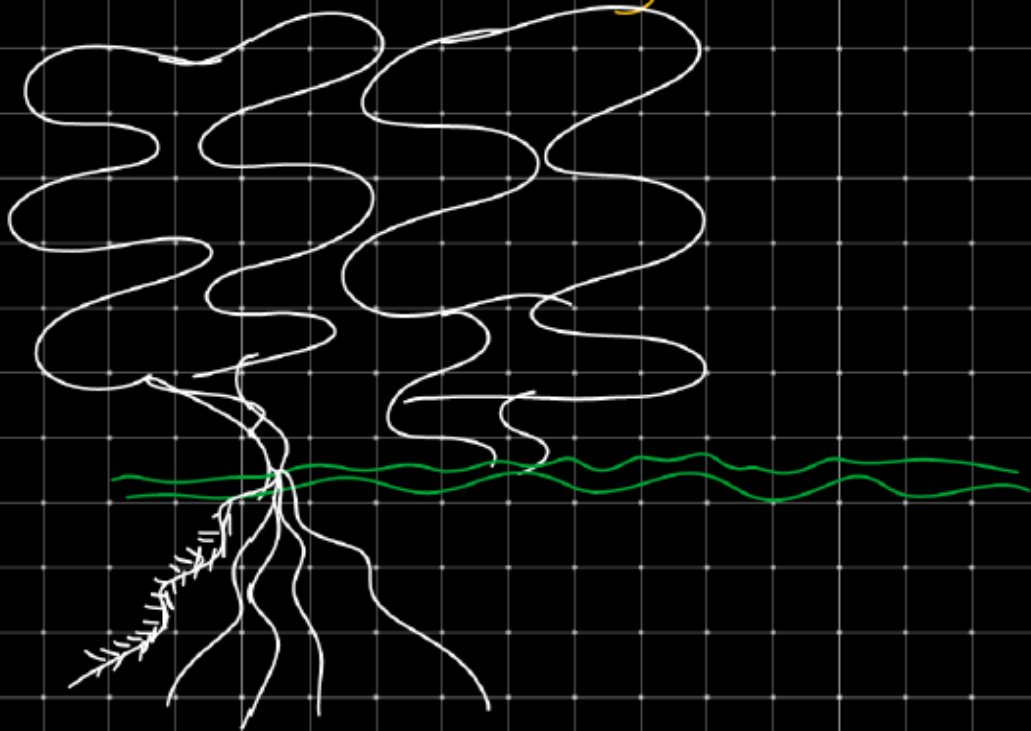


Preedation

Kota

pond

Eicchornia
जलकुशी
"water hyacinth"



Australia - 1920

② (American pacific coast)

Opuntia
prickly pear cactus

disaster (starfish) Spread → (moths)



(Interspecific competition)



Calotropis.

opposite

(Xerophytic)

↓
Chemical

↓
Cardiac glycoside

↓
| cattle →
X

आंठों ✓

मेंदरे ✓

आँक ✓