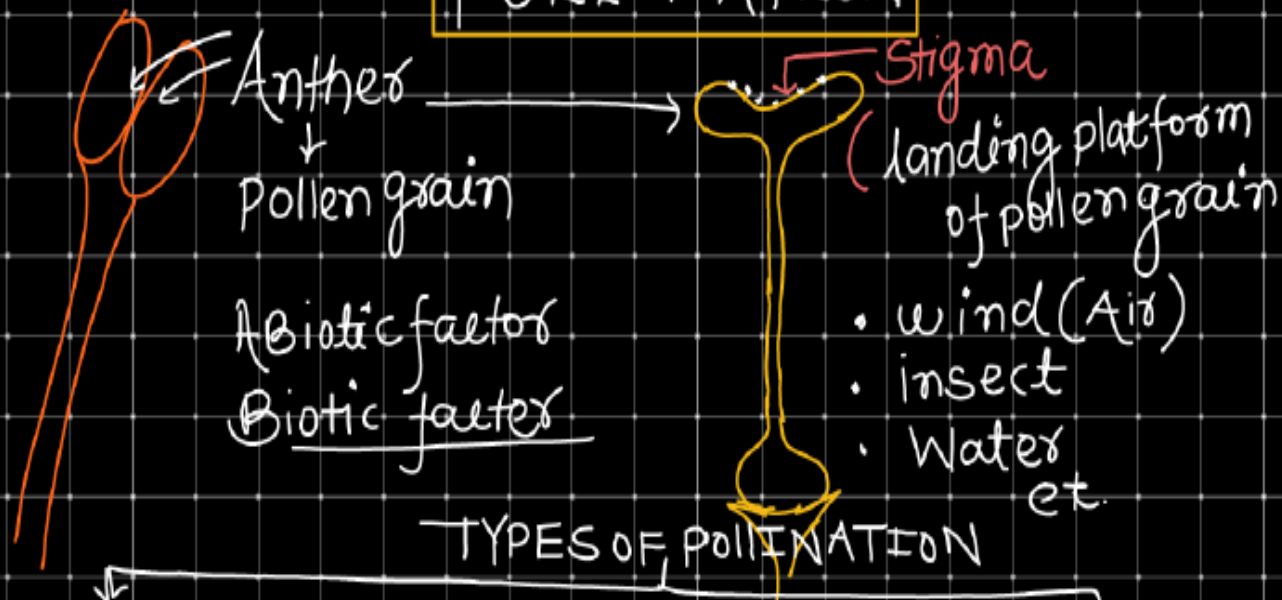


# POLLINATION

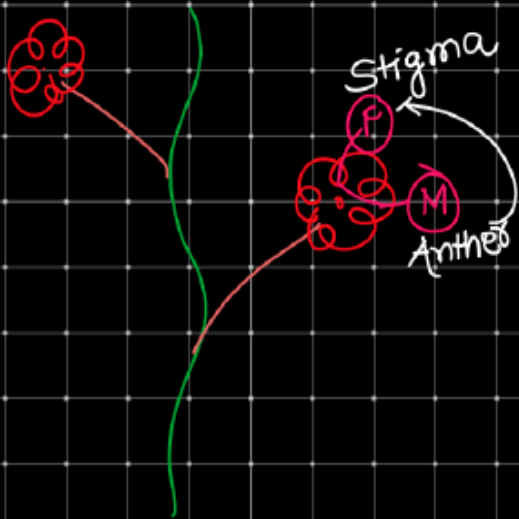


Self pollination,  
Autogamy

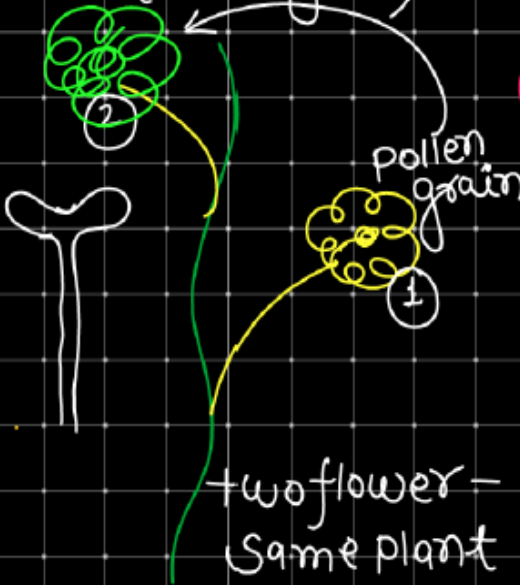
Cross pollination

# TYPES OF POLLINATION

## Autogamy or Selfpollination

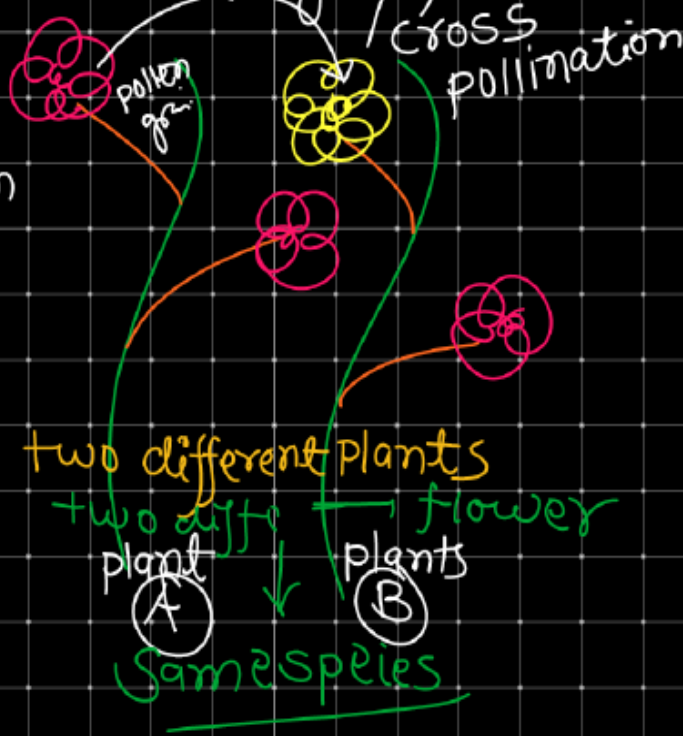


## Geitonogamy



two flower -  
Same plant

## Xenogamy



two different plants  
two diff. flower plants  
Same species

# SEXUALITY OF PLANTS

## UNISEXUAL

- Only Male  
only female

## BISEXUAL

Both male & female

## MONOECIOUS

Both Male and female flowers  
on same plant it is known

Monoecious

Bisexual

But flower -  
eg - Castor, coconut, Maize etc.

★ prevent to autogamy

Gymno  
Pinus

↓  
Cycas

## DIOECIOUS

• Male and female flower  
is present on different  
plant

Unisexual

eg - Date palm, papaya etc.  
★ It prevent to autogamy  
& Geitonogamy

# Adaption of pollination

## SELF POLLINATION

### MONOCLINY

(Bisexuality)

### Homogamy

when a both sex organ (Male & female)

Mature at same (Flowers)

Cleistogamous

Chasmogamous

[Oxalis, Viola  
Commelia]

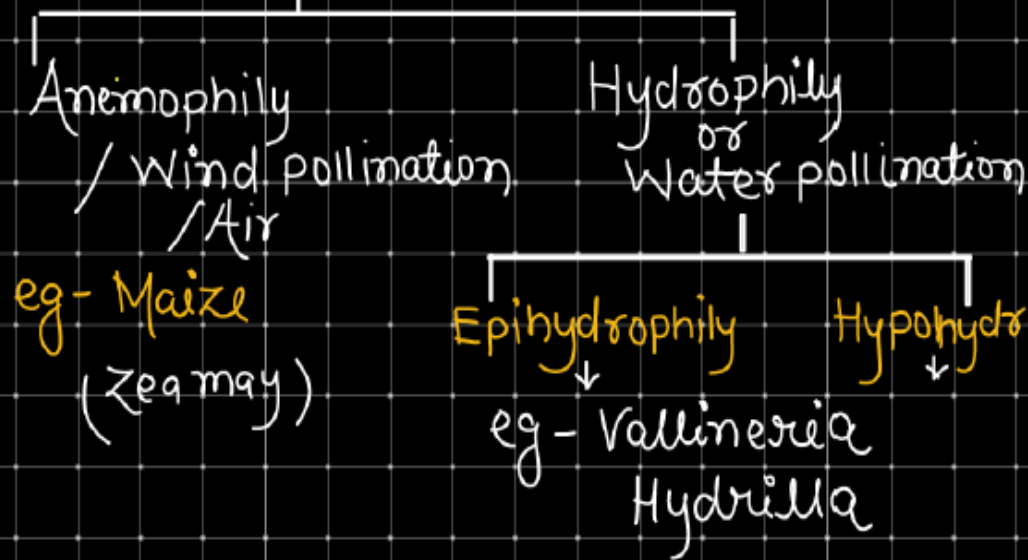
## CROSS POLLINATION

### Dicliny

Unisexuality

# AGENTS OF POLLINATION

## ABIOTIC FACTOR



## BIOTIC FACTOR

- Animal (zoophily)
- insects (Entomophily)
- Birds (ornithophily)
- Ants (Myrmecophily)
- Snail (Malacophily)
- Snake (Ophiophily)