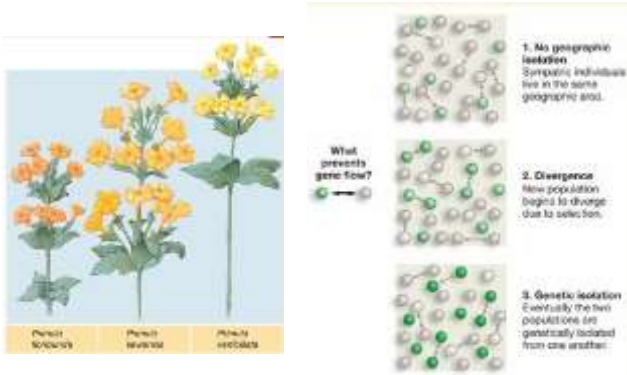
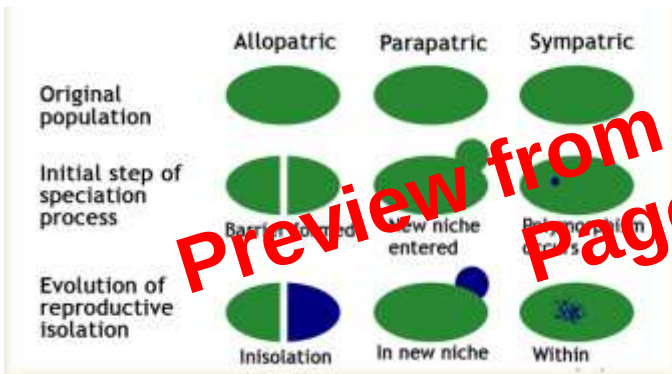


SYMPATRIC SPECIATION

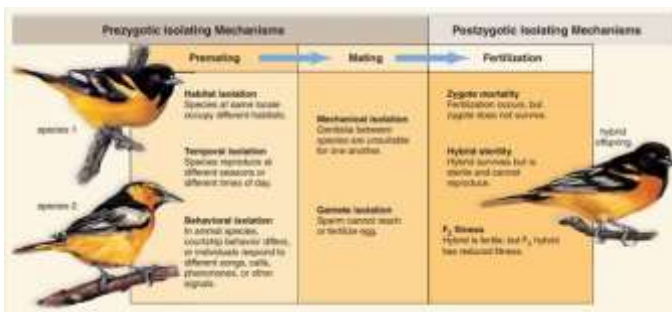
- "Same country" speciation
 - Speciation occurs with the absence of any physical barrier
 - Speciation occurs with the absence of any physical barrier
- Chromosomal mutation
 - Sexual Selection
 - Habitat differentiation



DIFFERENCES OF TYPES OF SPECIATION



REPRODUCTIVE ISOLATION AND ITS 2 TYPES



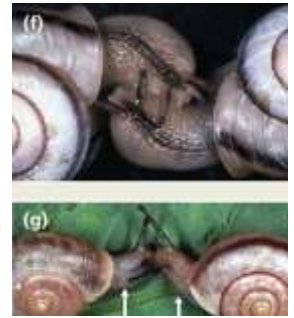
PREZYGOTIC BARRIER

- Prevents individuals of different species from mating successfully

TYPES OF PREZYGOTIC BARRIER

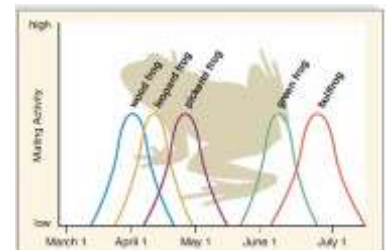
1. Mechanical Isolation

- Male and reproductive female structures are not compatible
- An example of this is the snail, they mate through their heads ones it is not compatible they will not be able to mate like the example on the picture letter G



2. Temporal Isolation

- Different species breed on different time/season
- Species that breed during different times of the day, different seasons, or different years cannot mix their gametes.
- Different species of breed cannot mate since they have different mating season, the wood frog mates between march to April while Pickerel frogs mate between April to may



3. Behavioral Isolation

- Different courtship display
- An example of this is how birds shows courtship with other birds

4. Gametic barrier

- Male and female gametes of different species are not compatible

