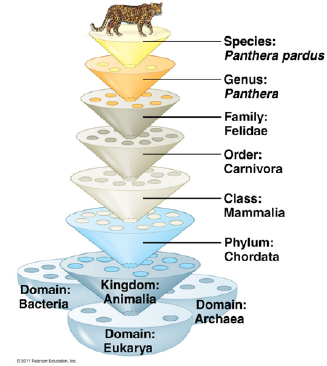
**OLD SCHOOL:**

Carl Linnaeus

2 contributions:

Name 3 domains and how

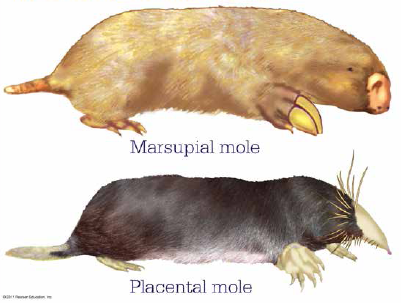
they’re organized

What was old system like?

What is current model?

(Life’s Major Divisions)

**NEW SCHOOL:**

****What were 2 main issues

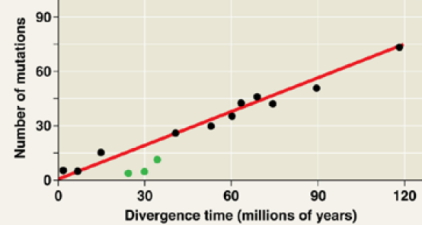
with old system?

How has DNA revolutionized

classification?

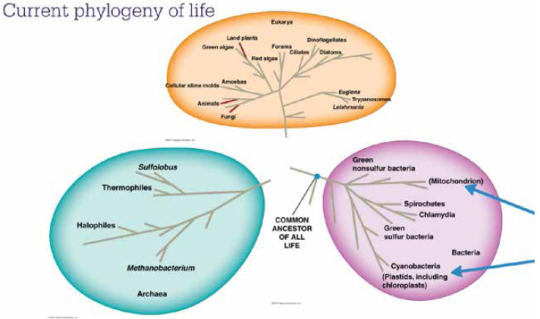
How can we use the rate of

mutation in genes?



What genetic process plays a

large role in changing species?

**CLADISTICS:**

What is a cladogram?

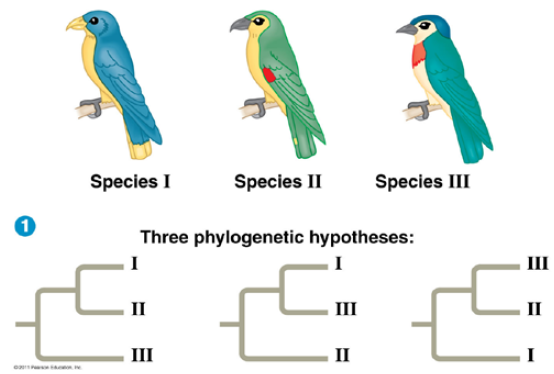
Steps in making a cladogram:

1.

2.

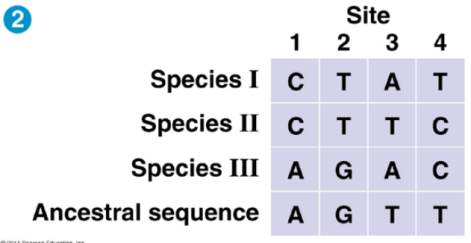
What are assumptions are

built into the process?

Maximum Parsimony

Maximum Likelihood

Which cladogram is best based

on morphology?

Based on comparison of DNA

sequences?

Types of groups / clades:

Monophyletic

Paraphyletic

Polyphyletic

Major goal of Phylogeny?