**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?