ECOL 600B Moran

Reading assignment on Molecular Clocks:

Read one of the papers (or select another one, please check it with me).

As you read, consider all of the following questions:
What is the main question?
What is the study showing that is new (or was new at the time)?

*For the new data analyses:*
What was the purpose of estimating dates of divergence?
How many genes were used and why were they selected?
How did authors address the issue of rate heterogeneity?
How did the authors incorporate paleontological data or other means for establishing absolute dates?
Was generation time an issue and was there evidence for a generation time effect?
Is there a conflict between paleontological data and the results?

What were the main results?
What are the broader implications?

Prepare a presentation for the class on Thursday April 11 that uses 1-2 overheads and is 5-7 min in length.
Some studies using molecular clocks:


