Name:	Date:

What I need to know and be able to do for Evidence for Evolution:

Key words: common ancestor, homology, homologous structure, fossil record, natural selection, extinction, adapt

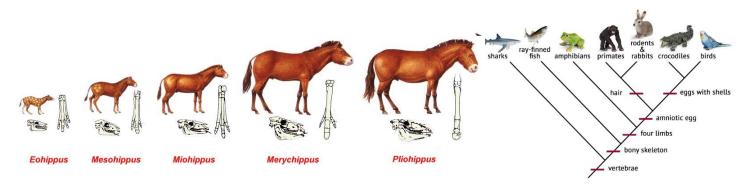






THE NUMBER OF AMINO ACID DIFFERENCES IN CYTOCHROME $\,c\,$ AMONG FIVE SPECIES

	E. ferus	D. polylepis	G. gallus	A. forsteri	E. africanus
E. ferus	0	21	11	13	1
D. polylepis		0	18	17	20
G. gallus			0	3	10
A. forsteri				0	12
E. africanus					0



B.7(A) – analyze and evaluate how evidence of common ancestry among groups is provided by the fossil record, biogeography, and homologies, including anatomical, molecular, and developmental

- What type of evidence can we use to show organisms are related?
- What type of evidence is the strongest evidence?
- What does it mean if organisms have a "common ancestor?"
- What is the difference between homologous and analogous structures?
- How does the number of differences in DNA tell you the relationship between two species?
- Explain how fossils are organized within rock layers.
- What is biogeography?

Name:

Evolution and Taxonomy Review Reflection

What I Should Be Able To Do				
analyze and evaluate how evidence of common ancestry among groups is provided by the fossil record,				
biogeography, and homologies, including anatomical, molecular, and developmental				
and goods up. 17, and nome of south of an atomical, more dealer, and according to				
define taxonomy and recognize the importance of a standardized taxonomic system to the scientific				
community				
categorize organisms using a hierarchical classification system based on similarities and differences among				
groups				
Content Knowledge From Today				
 Explain how to interpret a cladogram to identify common ancestry, the relationship of species, and derived characteristics. 				
2. Define taxonomy and discuss the need of a standardized naming system to the scientific community.				
3. Explain how to use a dichotomous key.				
4. Describe how the taxonomic groups are organized from the broadest (domain) to the most specific (species).				
How I Feel About Content After Today				
now i reel About Content Arter roday				
 I know everything about this topic. I will get every question on this topic right on the exam. I know most of the information over this topic. I will get most questions on this topic right on the exam. I know some of the information over this topic. I will get some of the questions right on the exam. I know nothing over this topic. I will need to guess when I see a question over this topic on the exam. 				
What Are My Next Steps To Master the Content Before the Exam				
What can I do at school? What can I do at home?				