

Bio 300: Evolution

Key Vocabulary	Assignments
Adaptation	1. Outline 306-315 in two pages (and only 2) Due:
Comparative anatomy	2. Answer questions 1,2,3 on page 315 Due:
Comparative embryology	
Competition	3. Read 316- 323 Due:
Evolution	a. Answer questions # 1,2,3,5 on page 323
Extinct	4. Read 324-329 Due:
Fossil	a. Answer questions 1,2,3,5
Homologous	Due:
Mutation	5. Read “Survivor” in Discover magazine – March 2003
Natural selection	When you are done reading I would like you to:
Population	1. Write a 3-paragraph summary of the article.
Random	2. Then respond to the following quote from the article:
Species	“You don’t inherit bones from your ancestors: you inherit their biochemistry.” Says Daniel Lieberman at Harvard University.
Survival of the fittest	If the above quote is true...why is so much importance in this article placed on the discovery of 6 million year old fossilized bones? In your response you should try to connect the evidence for evolution with your knowledge of evolution.
Variation	
Vestigial	For example how does the relative skull volume of the different fossil finds relate to the establishment of an accurate phylogeny for the genus <i>Homo</i> ? What advantages might larger brain size have given to our ancestors?
	The Letter to Darwin Paper is due _____
	Vocabulary, Videos and Podcasts are available 24 hours a day
	www.otterspoor.com