	Name:	
Chapter 15 Reading Guide		, M
15-1 The Puzzle of Life's Diversity		and atter city
<ol> <li>The variety of living things is called</li> <li>What is evolution?</li> </ol>		
3. A scientific theory is a well	testable	of phenomena that
have occurred in the natural world.	(00000.00	
4. Where was Charles Darwin born?	What year?	
5. During his travels, Darwin made numerous	mat yourar	 nd collected
that led h	him to propose a hypothesis	
6. Look at the map in Fig 15-1, After New Zealand, Da		
Darwin used the Cape of Good Hope to pass what co		
The Galapagos Islands are located to the west of what		
7. Darwin collected plant and animal		
8. What did Darwin collect in the Brazilian rainforest?	at out it for and a dead	
9. Darwin wondered why there were no	in Australia and no	in England.
10. The glyptodont resembles what living animal?		(fig 15-2)
11. Define fossil:		_(3 * )
12. Which tortoise had the longest neck? (fig 15-3)		
13. Which of the Galapagos Islands had rich vegetation	on?	
14. What part of the tortoise could be used to determi		
15. He noted that many of the birds on the islands had		
16. Darwin wondered if the animals living on the islan		
15-2 Ideas That Shaped Darwin's Thinking		
1. Most people in Darwin's day believed the earth was	s only a few	vears old.
2. Most Europeans believed that neither the planet no	a the Rode exception hand	, youre oran
3. Fossil evidence caused some scientists to conclude		
4. Based on Hutton and Lyell's work, the earth's age i		
5. Name two natural forces that can shape valleys an		
6. Lyell stressed that scientists must explain past eve		
7. Darwin thought that if the earth could change over		
Biology and History Match the scientist with the dis	scovery or proposal.	
8 Estimates Earth to be millio	ns of years old.	
9 Set sail on the H.M.S. Beag	le	
10 Proposed the idea of inher	ritance by acquired traits.	
11Predicted that humans wou		
12. Lamarck was the first to recognize what?		
13. Describe Lamarck's hypothesis:		
14. According to Lamarck's hypothesis, what would he	appen to a bird that did not use its win	gs?
15. Lamarck's hypothesis was proven to be [correct /	incorrect].	
16. What did Malthus note about babies?		
17. What would happen if the human population conti	inued to grow unchecked?	

18. Why is the world not covered in maple trees and oysters?