Life-Sci-McGraw-Hill-TEXTBOOK-Ch-6-Critical-Thinking-Galloway-BLANKS

Chapter title: The Environment and Change Over Time B

Better = CHRIST vs. Macroevolution (Evil-ution?)

Mr. Galloway BS, M.Div.

* This critical thinking review of Ch. 6 will be expanded as the unit unfolds.

Why a critical review of this chapter in the textbook?

This topic is NOT a minor issue. It's foundational, not only to much of science, but especially to big moral questions of life, character, culture, and **CHRIST**. Currently, most people in positions of power and profit in both academia and media promote the theoretical hypotheses of macroevolutionary beliefs. However, many internationally respected scientists from every field are now challenging the theory. **WHY?** Because of new objective evidence that shows it to be both logically and scientifically a *falsified* hypothesis.

So, in this unit and throughout the year, we will be investigating both sides of the subject, the scientists, and the newest, best evidences for the big questions involved. I'll provide numerous extra materials for you. Your responsibility is to become informed to think biblically, logically, and critically about this and all other issues of life. Most of these extra materials will be OPTIONAL and not required. But a few will be required reading for all students. I'll make it clear which ones those will be.

THIS DOCUMENT IS ONE OF THOSE @.

<u>SUGGESTED RESOURCES for PARENTS</u> or students to do further study about any questions or issues

THEOLOGICAL RESOURCES

Genesis Commentaries

- Sarfati PhD ChemistryLisle PhD Astrophysics
- Morris D.Min.
- Leupold Th.D Theology
- Keil & Delitzsch (PhD equivalent degrees. Two of the most respected biblical and historical scholars of all time.)

THEOLOGICAL ORGANIZATIONS/WEBSITES:

- GTY.org

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SCIENTIFIC RESOURCES

LRA – Logos Research Associates
ICR – Institute for Creation Research
CMI – Creation Ministries International

AIG - Answers In Genesis

TEXTBOOK OUTLINE & CRITICAL REIVEW:

* As the UNIT unfolds, Mr. Galloway will provide specific critiques of each major section in Ch. 6 of the TEXTBOOK. Much of what the chapter says about MICROevolution within a population of a single kind (like canines) is accurate. However, it also makes claims about MACROevolution supposedly from one major kind into another, like microbes becoming men over time. These claims are unverified hypotheses (beliefs) that at least FOUR M&M's made everything. M&M's are mythical mystery mechanisms. (See the separate document for a detailed discussion.)

TITLE: The Environment and Change Over Time: How do species adapt to changing environments over time?

Question #1 at the chapter beginning, in the box called, "Get Ready to Read What do you think? ...decide if you agree or disagree"

"1. Original tissues can be preserved as fossils." ADD MR. GALLOWAY'S NOTES BELOW:

LESSON 1 FOSSIL EVIDENCE OF EVOLUTION THE FOSSIL RECORD

ADD MR. GALLOWAY'S NOTES BELOW:

FOSSIL FORMATION

ADD MR. GALLOWAY'S NOTES BELOW:

- Mineralization
- Carbonization
- Molds and Casts
- Trace Fossils
- Original Material

DETERMINING A FOSSIL'S AGE

- Relative-Age Dating
- Absolute-Age Dating

FOSSILS OVER TIME

- The Geologic Time Scale
- Dividing Time

^{**} This handout has spaces between concepts for you to PRACTICE TAKING NOTES as we discuss Chapter 6.

EXTINCTIONS

LESSON 3 BIOLOGICAL EVIDENCE OF EVOLUTION

- Environmental Change	
* Sudden Changes	
* Gradual Changes	EVIDENCE FOR EVOLUTION
- Extinctions and Evolution	
LESSON 2 THEORY OF EVOLUTION BY NATURAL SELECTION	- Comparative Anatomy
	* Homologous Structures
CHARLES DARWIN	* Analogous Structures
- Voyage of the <i>Beagle</i>	
- The Galapagos Islands	- Vestigial Structures
* Tortoises	- Developmental Biology
* Mockingbirds and Finches	
	* Pharyngeal Pouches
DARWIN'S THEORY	
- Common Ancestors	- Molecular Biology
- Variations	* Comparing Sequences
- Natural Selection	* Divergence
ADAPTATIONS	Divergence
- Types of Adaptations	THE STUDY OF EVOLUTION TODAY
* Structural Adaptations	
* Behavioral Adaptations	- How New Species Form
- Environmental Interactions	
* Camouflage	- Diversity
* Mimicry	
ARTIFICIAL SELECTION	

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* Selective Breeding