

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 ☺.

SUGGESTED RESOURCES for PARENTS or students to do further study about any questions or issues

THEOLOGICAL RESOURCES**Genesis Commentaries**

- Sarfati PhD Chemistry
- Lisle 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.)

SCIENTIFIC RESOURCES

- LRA – Logos Research Associates
- ICR – Institute for Creation Research
- CMI – Creation Ministries International
- AIG – Answers In Genesis

TEXTBOOK OUTLINE & CRITICAL REIEW:

** 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?

Questions given 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.
2, 3, 4, 5, 6"

LESSON 1 FOSSIL EVIDENCE OF EVOLUTION
THE FOSSIL RECORD**FOSSIL FORMATION**

- 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

EXTINCTIONS

- Environmental Change
 - * Sudden Changes
 - * Gradual Changes
- Extinctions and Evolution

LESSON 2 THEORY OF EVOLUTION BY NATURAL SELECTION**CHARLES DARWIN**

- Voyage of the *Beagle*
- The Galapagos Islands
 - * Tortoises
 - * Mockingbirds and Finches

DARWIN'S THEORY

- Common Ancestors
- Variations
- Natural Selection

ADAPTATIONS

- Types of Adaptations
 - * Structural Adaptations
 - * Behavioral Adaptations
- Environmental Interactions
 - * Camouflage
 - * Mimicry

ARTIFICIAL SELECTION

- * Selective Breeding

LESSON 3 BIOLOGICAL EVIDENCE OF EVOLUTION**EVIDENCE FOR EVOLUTION**

- Comparative Anatomy
 - * Homologous Structures
 - * Analogous Structures
- Vestigial Structures
- Developmental Biology
 - * Pharyngeal Pouches
- Molecular Biology
 - * Comparing Sequences
 - * Divergence

THE STUDY OF EVOLUTION TODAY

- How New Species Form
- Diversity