

Chapter 20 & 24.3 – History of Life & Primate Evolution - What to Know

Biology B

Chapter 20: History of Life

- Earth history
 - Fossils
 - Define
 - Examples
 - How fossils form
 - Type of rock they usually form in
 - Relative dating
 - Define
 - Examples
 - Radioactive dating
 - Define
 - Examples
 - Half-life
 - Define
 - Be able to interpret a graph of the decomposition of an element
- Geologic time scale
 - Sequence of 4 eras
 - Main characteristic of 4 eras
 - Be able to interpret a chart of the Geologic Time Scale
 - Physical and biological factors that have had major impacts on history of life
- Patterns of evolution
 - Extinctions
 - Background
 - Mass extinction
 - Examples
 - Causes
 - Rate of evolution
 - Gradualism
 - Punctuated equilibrium
 - Adaptive radiation
 - Define
 - Examples
 - Convergent evolution
 - Define
 - Examples
 - Coevolution
 - Define
 - Examples
- Miller-Urey experiment
 - Findings
 - Significance
- Endosymbiotic Theory
 - Define

See back side →

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Chapter 24.3: Primate Evolution

- Evolution of Primates
 - Lemurs & lorises
 - Tarsiers & Anthropoids
 - New world monkeys
 - Where found
 - Prehensile tail
 - Old world monkeys & Great Apes
 - Hominins
 - Define
 - Evolution
 - Bipedal
 - Tool use
 - Increased brain size
 - Social behavior
 - Culture & art
 - How did Homo sapiens evolve?