

ORIGIN OF HUMANS & HOMINIDS Vocabulary Paradoxes Sunday School Class 1 Feb 2015

Methodological

Naturalism (MN): A manner of doing scientific research only through the use of the scientific method.

asah: (Hebrew) to make, in a general sense, as from preexisting

bara: (Hebrew) to create something absolutely new

Multiregional

Model: A human evolutionary model positing that the races resulted from crossbreeding of hominids with humans

Out Of Africa

Model: A human evolutionary model positing that humanity originated in Africa and races evolved later

Old Earth Creationism (aka Progressive), belief that the Days of Genesis 1 are correctly interpreted as long periods of time

Day Age Creation

(Hebrew) a period of time with 5 meanings: 1. the period of daylight , 2. the period of twenty-four hours, 3. a general vague "time," 4, a point of time, 5. a year

yom:

Macroevolution Belief that life evolves through stages above the species level, indicating large-scale genetic changes

Microevolution Belief that life evolves through stages only at or below the species level primarily through gene frequency change

Hominid

Several species of bipedal primates that resemble humans. Family *Hominidae*. Order *Primates*

Theistic Evolution

AKA Evolutionary Creationism. Belief that macro-evolution is real, but that it was set in motion by God

Phylogeny

Taxonomy (evolutionary relationships) based on physical features of bones and fossils

Homo erectus

A geographically widespread hominid existing from 1.9M to 0.2M years ago that may have originated in Africa

Phylogenetics

Taxonomy (evolutionary relationships) based on genetic differences and similarities of organisms

Molecular

Anthropology Taxonomy (evolutionary relationships) based on genetic differences and similarities of hominids and humans

DNA

Cellular molecules of nucleotide bases containing hereditary information

Sequencing

Determining the order of nucleotide base pairs (A-T & G-C) in DNA

Genic DNA

A nucleotide sequence that codes for a protein

Mutations

DNA nucleotide errors

MtDNA

Mitochondrion DNA, circular instead of chromosomal

SNP

Single Nucleotide Polymorphism (substitution for one DNA nucleotide base)

Haplotype

SNP clusters in groups of humans

Mitochondrial

Eve First human female as determined by genetic studies of mitochondria. 150K - 260K years ago

Y-Chromosome

Adam First human male as determined by genetic studies of Y-chromosome. ~50K years ago

ben & yalad

(Hebrew) to give birth to a lineage, to father

Hominids & Human Taxonomic Tree

