

# VOLUME 2

STEWARDED SCIENCE FOR GOD'S GLORY

CREATION CONFERENCE



# EVOLUTION

The Explanatory Theory of Naturalism



# HOMOLOGY



# Homology

**homology:** the fundamental similarity of a particular structure in different organisms, which is assumed to be due to descent from a common ancestor

-Concise Oxford Dictionary of Zoology



# Homology

*“We have seen that the members of the same class, independently of their habits of life, resemble each other in the general plan of their organization....Is it not powerfully suggestive of true relationship, of inheritance from a common ancestor.”*

-Charles Darwin



# Homology

*“The indirect evidence for evolution is based primarily on the significance of similarities found in different organisms....The similarity of plan is easily explicable if all descended with modification from a common ancestor, by evolution, and the term homologous is used to denote corresponding structures formed in this way...”*

-Encyclopedia Britannica



# Homology

*“homologous structures are often specified by non-homologous genetic systems and the concept of homology can seldom be extended back into embryology.”*

-Michael Denton, PhD Geneticist





# Homology

*“The same facts of comparative anatomy which proclaim unity also proclaim division; while resemblance suggests evolution, division, especially where it appears profound, is **counter-evidence against the whole notion of transmutation.**”*

-Michael Denton, PhD Geneticist





# Homology

*“the concept of homology is absolutely fundamental to what we are talking about when we speak of evolution – yet in truth we cannot explain it at all in terms of present day biological theory.”*

-Sir Alister Hardy, Oxford Marine Biologist



# Homology

*“If anyone was chasing a phantom or retreating from empiricism it was surely Darwin, who himself freely admitted that he had absolutely no hard empirical evidence that any of the major evolutionary transformations he proposed had ever actually occurred.”*

-Michael Denton, PhD Geneticist

*“[one’s] imagination must fill up the very wide blanks.”*

-Charles Darwin, Letter to Asa Gray



# Morphology

- Lungfish:

- Said to be an example of a transitional specie, between fish and amphibian.
- Proposed as evidence:
  - Can breath air
- Observations:
  - Alive and well today (is not ancient)
  - Proposed “lung” is an augmented swim bladder
  - Unique fish that is “tailored” or “designed” for very specific conditions
  - Features are completely incompatible with both fish and amphibians

# Morphology

- **Coelacanth:**  
Found only in rocks older than 70 million years (according to the standard geological timescale)  
  
Confidently described as the “transitional form” from fish to amphibian
- Found alive and well in 1938!  
*“Examination of its soft anatomy revealed features which were not at all what was required of a close relative of the supposed ancestors of the Amphibia.”*  
—Gregory, W.K.





# Morphology

- Coelacanth:

*“If the case of the coelacanth illustrates anything, it shows how difficult it is to draw conclusions about the overall biology of organisms from their skeletal remains alone. Because the soft biology of extinct groups can never be known with any certainty...”*

-Michael Denton

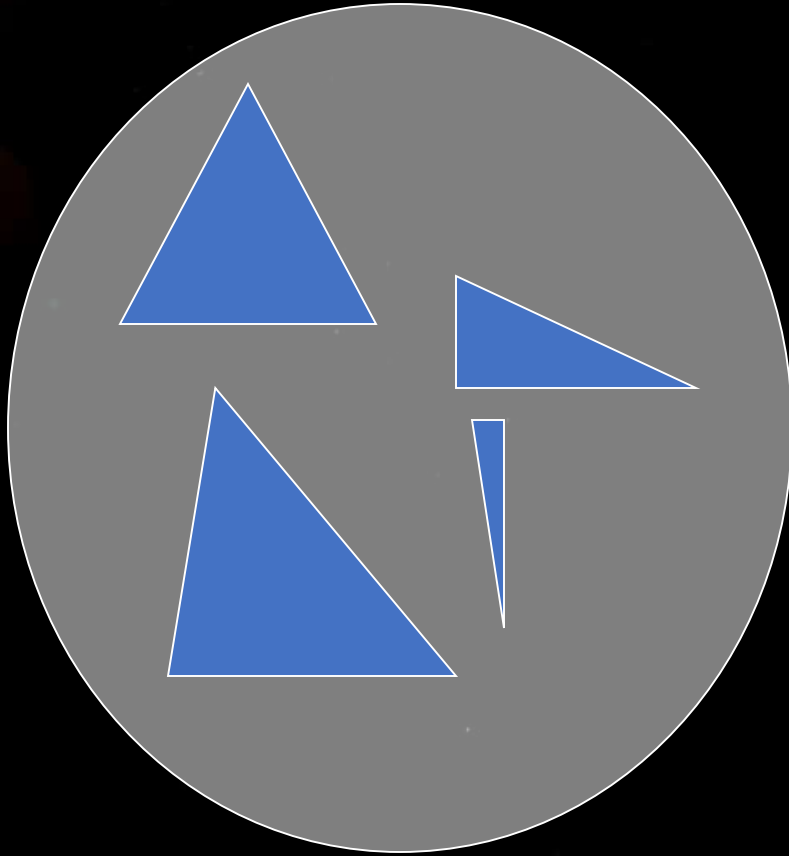




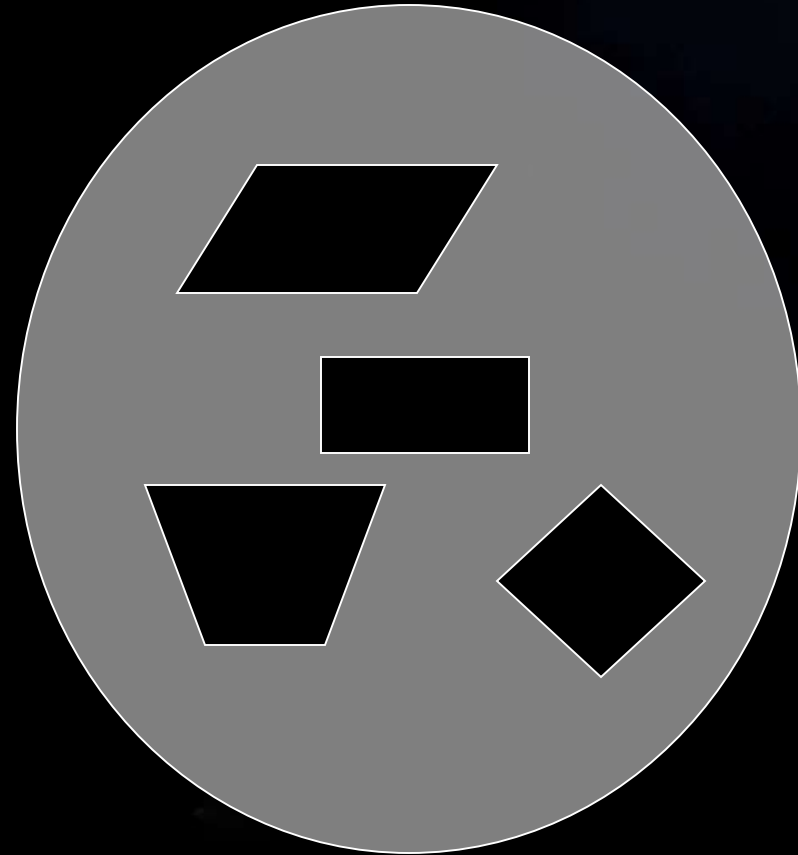
# Typology

- Linnaean System
  - Categorizes species by class or category
- Typological Model
  - The typological model presents a structured relationship in which each member of a given class conforms completely in all essential details of the theme or archetype of its class.

# Typology



**Triangles**

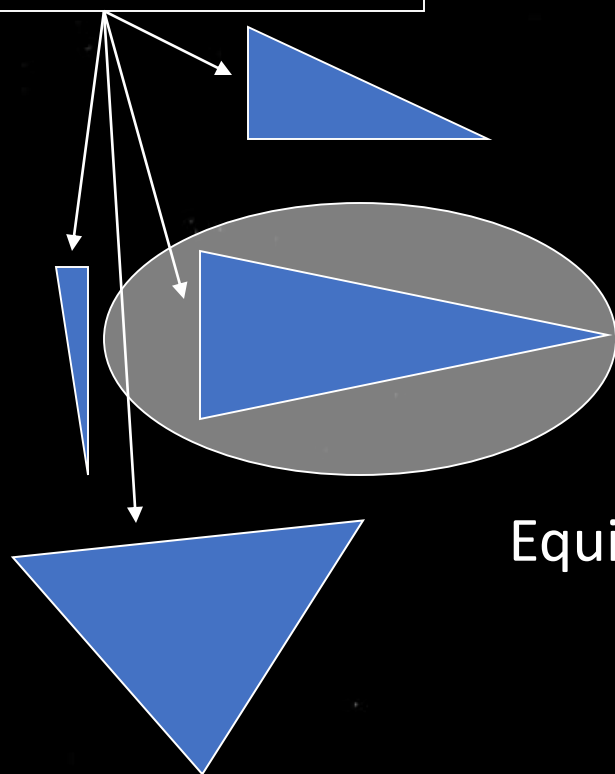


**Quadrilaterals**



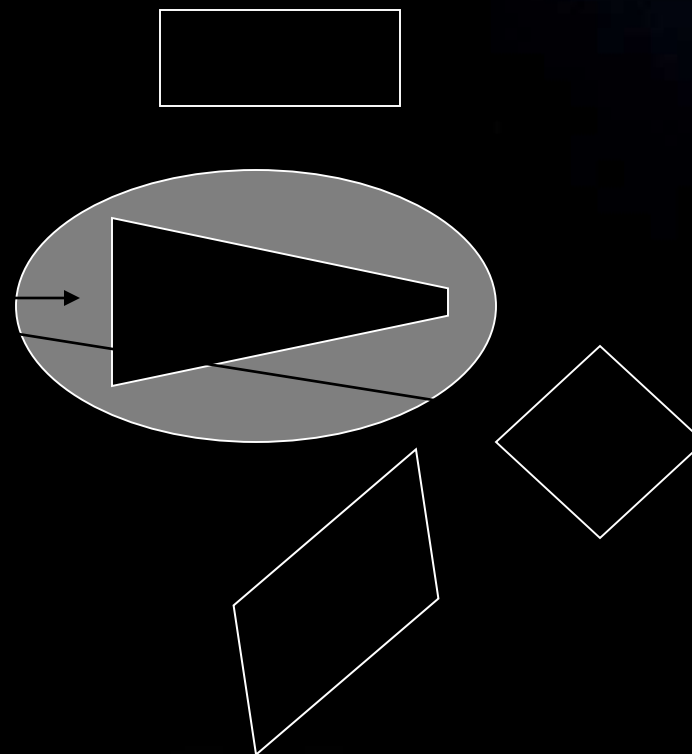
# Typology

Equirepresentative



Triangles

Equidistant



Quadrilaterals



# Typology

*“Too often, all the opponents of evolutionary theory are lumped together and their persistence explained away as religious bigotry.”*

-D.L. Hull



# Typology

*“[Richard Owens] could see no evidence among living organisms or in the fossil record for the idea of gradual transformations, which was the crucial point of departure for him and many other opponents of evolution...his dissent was empirical, not theological.”*

-Marin Rudwich



# Typology

*“Whatever secret reasonings there may be in these constant relations, it is observation which has elicited them, independently of general philosophy.”*

-Georges Cuvier, Zoologist



# Typology

*“No cell has ever been found that departs in any significant way from the universal patter of the [DNA] code...It is a remarkable testimony to the almost perfect correspondence of the existing pattern of nature with the typological model...”*

-Michael Denton, PhD Geneticist



# Typology

*“Why have not the bowels of the earth preserved the monuments of so remarkable a genealogy, unless it be that the species of former ages were as constant as our own.”*

-George Cuvier, Zoologist





# Paleontology

*“in all cases positive palaeontological evidence may be implicitly trusted; negative evidence is worthless, as experience has so often shown.”*

-Charles Darwin





# Paleontology

*“Why then is not every geological formation and every stratum full of such intermediate links? Geology assuredly does not reveal any such finely-graduated organic chain; and this, perhaps, is the most obvious and serious objection which can be urged against the theory. The explanation lies, as I believe, in the extreme imperfection of the geological record.”*

- Charles Darwin, Origin of Species, page 293



# Paleontology

*“We are now about 120 years after Darwin and the knowledge of the fossil record has been greatly expanded. We now have a quarter of a million fossil species, but the situation hasn’t changed.... We have even fewer examples of evolutionary transition than we had in Darwin’s time.”*

- David Raup, curator of the  
Field Museum of Natural History in Chicago



# Paleontology

*“The evolutionists seem to know everything about the missing link except the fact that it is missing.”*

- G.K. Chesteron



# Paleontology

Evolutionists admit “certainly no evidence”

*“At the higher level of evolutionary transition between morphological designs, gradualism has always been in trouble, though it remains the “official” position of most western evolutionists. Smooth intermediates between bauplane are almost impossible to construct, even in thought experiments; **there is certainly no evidence for them in the fossil record, curious mosaics like Archaeopteryx do not count.**”*

- Stephen Jay Gould

Paleontologist/Paleobiologist Harvard University



# Paleontology

*“...the extreme rarity of transitional forms in the fossil record [is] the trade secret of paleontology.”*

- Stephen Jay Gould  
Paleontologist/Paleobiologist Harvard University

*“we paleontologists have said that the history of life supports [the story of gradual adaptive change], all the while really knowing that it does not.”*

- Niles Eldrige  
Professor at City University of New York,  
Curator in the Department of Invertebrates  
at the American Museum of Natural History





# Paleontology

*“Each new generation, it seems, produces a few young paleontologists eager to document examples of evolutionary change in their fossils....their fossils, rather than exhibiting the expected pattern, just seem to persist virtually unchanged....this extraordinary conservatism looked, to the paleontologist keen on finding evolutionary change, as if no evolution had occurred. Thus studies documenting conservative persistence rather than gradual evolutionary change were considered failures, and, more often than not, were not even published. Most paleontologists were aware of the stability, the lack of change we call stasis....but insofar as evolution itself is concerned, paleontologists usually saw stasis as ‘no results’ rather than as a contradiction of the prediction of gradual, progressive evolutionary change.”*

- Niles Eldrige

Professor at City University of New York,



# Paleontology

Missing More Than Links

*“If I knew of **any** [evolutionary transitions], fossil or living, I would certainly have included them [in my book ‘Evolution’].”*

- Colin Patterson

Senior paleontologist at the British Museum of Natural History

*“The known fossil record **fails to document a single example** of phyletic (gradual) evolution accomplishing a major morphologic transition and hence offers no evidence that the gradualistic model can be valid.”*

- Steven M. Stanley

Professor of Johns Hopkins University





# Paleontology

*“By the theory of natural selection all living species have been connected with the parent-species of each genus, by differences not greater than we see between the natural and domestic varieties of the same species at the present day; and these parent-species, now generally extinct, and so on backwards, always converging to the common ancestor of each great class. So that the number of intermediate and transitional links, between all living and extinct species, must have been inconceivably great. But assuredly, if this theory be true, such have lived upon the earth.”*

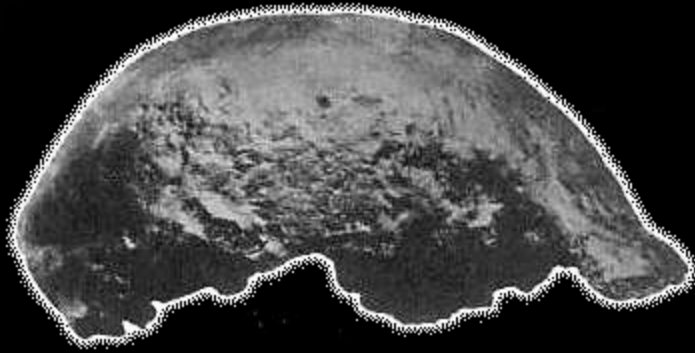
# Neanderthal Man



- **When:** 1848 and 1856
- **Where:** Cave near Neander Valley, near Dusseldorf, Germany
- **Status:** Man

- “Experts” testified on the Scopes Monkey Trial using Neanderthal Man as reported evidence
- After other discoveries, it was learned that these were merely humans who suffered severally from rickets, caused by a deficiency of vitamin D
- Skull measure the same as that of the average human today

# Java Man



Homo erectus – Pithecanthropus erectus

- **When:** 1891
  - **Where:** Dutch East Indian island of Java
  - **Status:** Large Gibbon
- 
- These fragmented fossils consist of nothing more than a skullcap, a femur (thigh bone), and three teeth!
  - The femur was found over fifty feet from the skullcap and a full year later (1892)
  - To complicate the story even more, for 30 years Dubois withheld his discovery of two human skulls, which were found in close proximity to his original “finds” along with other mixed bones of extinct animals
  - Specimens are now considered from male **and** female apes
  - Dubois “changed his mind” and declared that Java man was nothing more than a large gibbon

# Peking Man



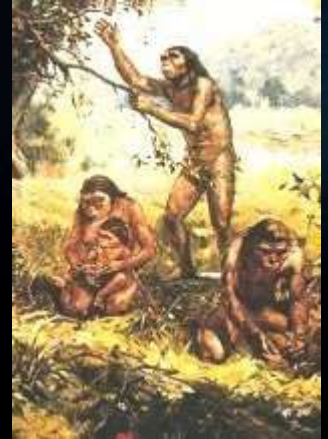
Peking Man teeth  
unearthed from 1949 to 1951



A frontal and an occipital  
unearthed in 1966

- **When:** 1927
- **Where:** Peking, China
- **Status:** Monkey

- Conveniently discovered just as physician Davidson Black was about to run out of funds for his evolutionary explorations
- 2 years later, Black discovered what he believed was Peking man's braincase
- Later 14 skulls, a collection of teeth and tools were all "discovered" (all of which have been missing since 1945)
- All of the skulls found were bashed in the back by the tools found. To this day, natives of Southeast Asia lop off the heads of monkeys, bash them in at the back, scoop out the brains, and eat them as a delicacy.





# Pitldown Man

*Eoanthropus Dawsoni*

- **When:** 1912
- **Where:**  
Sussex, England
- **Status:** Ape

The portrait painted by John Cooke in 1915. Back row: (left to right) F. O. Barlow, G. Elliot Smith, Charles Dawson, Arthur Smith Woodward. Front row: A. S. Underwood, Arthur Keith, W. P. Pycraft, and Sir Ray Lankester.



- The jaw of an ape was stained to make it appear as though it matched a human skull and other bones were actually reshaped!
- Marvin Lubenow explains: "The fil marks on the orangutan teeth of the lower jaw were clearly visible. The molars were misaligned and filed at two different angles. The canine tooth had been filed at two different angles. The canine tooth had been filed down so far that the pulp cavity had been exposed and then plugged."
- This "true" ape-man was to be a cornerstone of the ACLU Scopes Monkey Trial case.

# Piltdown Man

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- **When:** 1912
- **Where:**  
Sussex, England
- **Status:** Ape

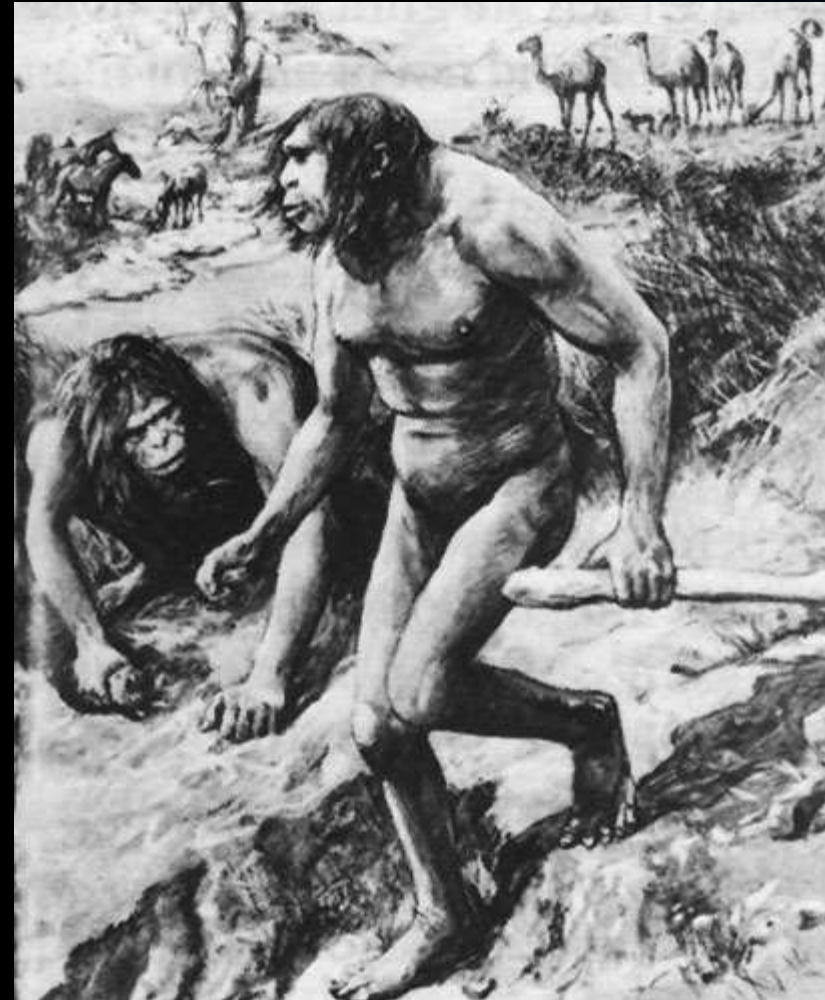
The portrait painted by John Cooke in 1915. Back row: (left to right) F. O. Barlow, G. Elliot Smith, Charles Dawson, Arthur Smith Woodward. Front row: A. S. Underwood, Arthur Keith, W. P. Pycraft, and Sir Ray Lankester.



- William Fix notes that the two most eminent paleoanthropologists in England at the time, Sir Arthur Keith and A.S. Woodward, declared that Piltdown man “represents more closely than any human form yet discovered the common ancestor from which both the Neanderthal and modern types have been derived.”
- After the Nature Conservancy had spent a considerable amount of taxpayers money to designate the Piltdown site as a national monument, that Piltdown was formally declared a hoax in 1953.
- This fraud was used for over 40 years to prove to school children that evolution was a fact with over 50 doctrinal dissertations were based on Piltdown man.

# Nebraska Man

- **When:** 1922
- **Where:** Nebraska
- **Status:** Pig Tooth
- America proclaimed its first ape-man when a single molar was found.
- Professor Henry Fairfield Osborn, head of the American Museum of Natural History in New York City, declared it to be man's earliest ancestor.
- Later, an identical tooth was found by geologist Harold Cook. This time the tooth was attached to an actual skull, and the skull was attached to the skeleton of a wild pig!



The infamous illustration of Nebraska Man done for the *Illustrated London News* by Amedee Forestier



# Lucy

- **When:** 1974
- **Where:** Ethiopia
- **Status:** Chimpanzee
- Collection of bones spread over 70 feet
- Considered a female, she stood less than 3 ½ feet tall
- Her skull was not found
- Other fossils from the same strata and location have been found which have all been fully ape, with the cranial capacity in the range of a modern chimp
- “most important find made by anyone in the history of the entire human race.”
- Claimed to be three million years old
- Other scientists were not allowed to examine Lucy’s bones until 1982

Australopithecus afarensis



Picture of Lucy Remains, [Museo Nacional de Antropología, Mexico City](#)

# Lucy

- **When:** 1974
- **Where:** Ethiopia
- **Status:** Chimpanzee



Reconstruction of *A. afarensis* from Laetoli  
(American Museum of Natural Sciences)

*Australopithecus afarensis*



Raymond Dart with Taung skull

- When examined scientists found no difference between Lucy and a rainforest Chimpanzee that you might find in the San Diego Zoo.
- No longer considered the “most important find” by Donald Johansson and Richard Leakey, but now concede they may have been mistaken.



# Paleontology

*“Did life on Earth change steadily and gradually through time? The fossil record emphatically says ‘**no**’!”*

- Carlton Brett

Professor/Paleontologist Department of Geology of University of Cincinnati

*“It is good to keep in mind ... that nobody has ever succeeded in producing even one new species by the accumulation of micromutations. Darwin’s theory of natural selection has never had any proof, yet it has been universally accepted.”*

- Richard Goldschmidt,

DSc Pr. Zoology, University of California



# Paleontology

*“We have to admit that there is nothing in the geological records that runs contrary to the views of conservative creationists.”*

- Edmund Ambrose, Evolutionist



# Paleontology

Sedimentation, Hydrology, and Fossilization

- Over 95% of all fossils known today are of marine creatures, such as clams, corals, trilobites
- Most of the remaining 5% are plants and fewer than 1% of all fossils are land animals





# Paleontology

Sedimentation, Hydrology, and Fossilization

- This directly corresponds to the fact that fossilization nearly always involves massive amounts of sediment transported by water
- Consider that 29% of the earth's surface is dry land, comprised of sedimentary, metamorphic, and igneous rocks



# Paleontology

Sedimentation, Hydrology, and Fossilization

*“By volume, sedimentary rocks are about one-tenth as abundant as igneous rocks in the earth’s crust; but when it comes to the rocks exposed at the earth’s surface, sedimentary rocks or sediments, as they are sometimes called, cover nearly three-fourths of the land surface.”*

– James Zumberge, Elements of Geology



# Paleontology

Sedimentation, Hydrology, and Fossilization

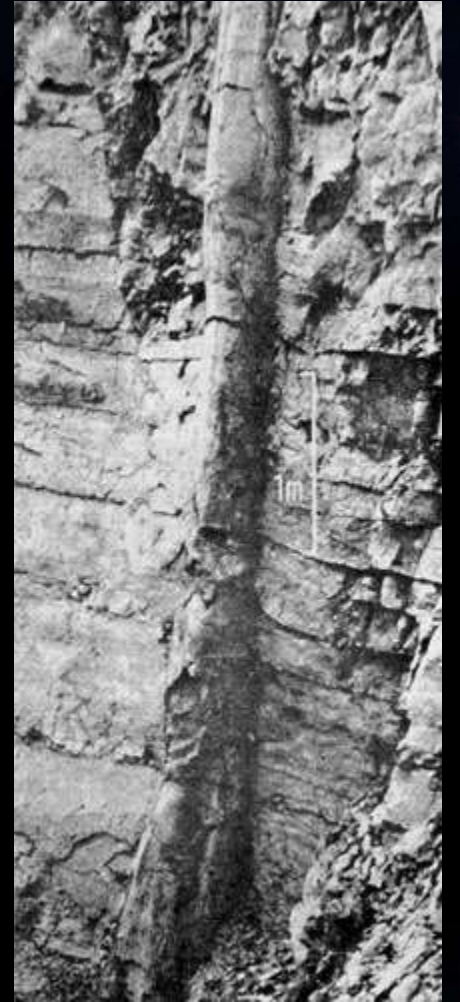
*“All the earth’s fossil-bearing rocks, which are by far the most important in deciphering earth history, are sedimentary rocks that have been formed by the erosion, transportation, deposition, and lithification of sediments.”*

– Dr. Henry Morris

# Paleontology

## Sedimentation, Hydrology, and Fossilization

- Polystrate Fossils
- “Not infrequently, large fossils of animals and plants -especially tree trunks—extend through several strata, often 20 feet or more in thickness...It is beyond question that this type of fossil must have been buried quickly or it would not have been preserved intact while the strata accumulated around it.”
- Over 20,000 trees in Spirit Lake



A view of Earth's horizon from space, showing a bright blue arc of the planet against a dark background. A bright sun is visible in the upper left corner, creating a lens flare effect. The text "AGE OF THE UNIVERSE" is centered in the lower half of the image.

**AGE OF THE UNIVERSE**





# The Age of the Universe

*“Time is the hero of the plot,  
With time the impossible becomes  
possible,  
The possible probable,  
The probable virtually certain,  
One only has to wait;  
Time performs miracles”*

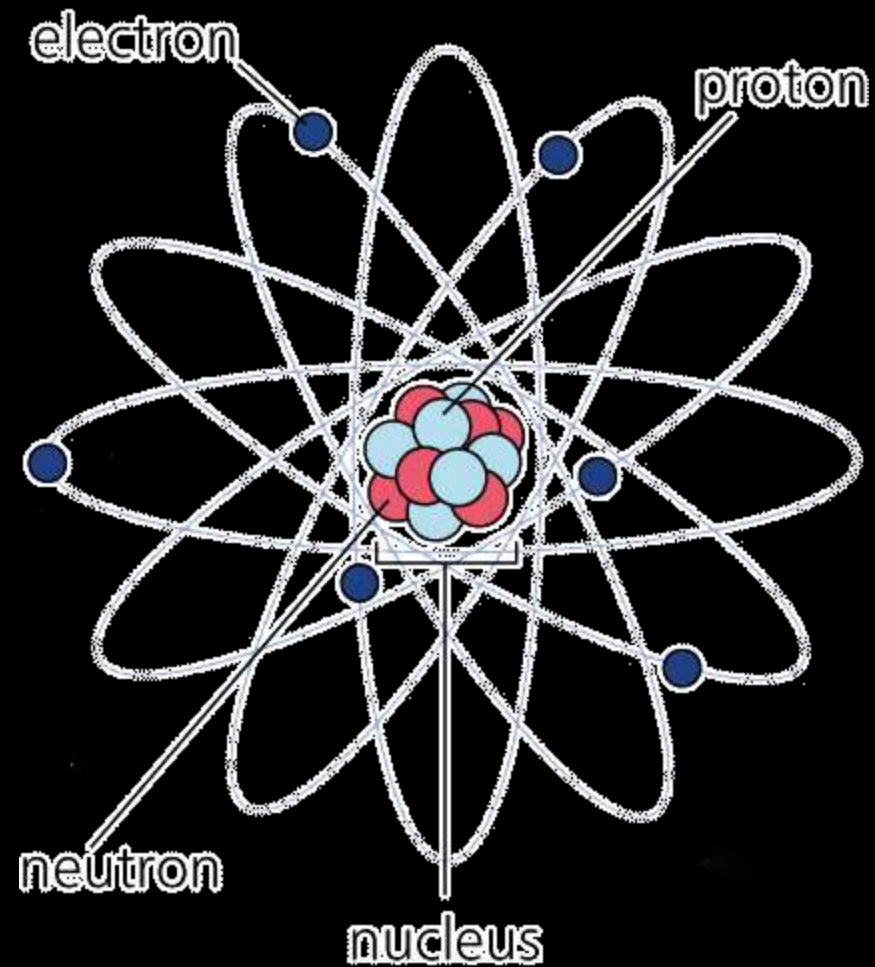
—George Wallace



# The Age of the Universe

- Many methods of dating currently used
- Radioisotope Dating
  - Chemistry

# The Age of the Universe



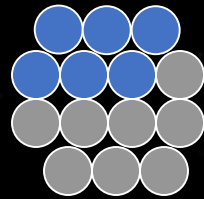


# The Age of the Universe

- Many methods of dating currently used
- Radioisotope Dating
  - Chemistry
  - Nuclear Half-life
  - Decay rate consistency
- 1. Carbon 14
- 2. Potassium-Argon
- 3. Uranium-Lead
- 4. Rubidium-Strontium

# The Age of the Universe

C14



- Nuclear half-life ~ 5,730
- Only found in living organisms

- Live shell dated 3,000 years old
- Seal corps (less than 30 years old) dated 4,600 years old





# The Age of the Universe

- Nuclear half-life ~ 1.25 billion years
- Electron capture
- K-40 can also decay in alternate ways
- Decays of the “electron capture” type only occur 11% of the time
- Most commonly used procedure for dating rocks



# Geology / Geography

- Radiohalos
  - Concentric rings of radiation == radiohalos
- Helium does not escape the earth
  - Radioactive decay of uranium would produce all of the atmosphere's helium in 40,000 years
  - $1 \times 10^{15}$  grams
  - Helium enters the atmosphere from the sun as well
  - Helium does not exit the atmosphere
  - 10K-15K years according to the quantity of helium in our atmosphere today



# Geology

- Magnetic field decays every 1,400 years by 50%
  - 580 AD field was twice as strong
  - 820 BC field was four times as strong
  - 10k years would have been as strong as a magnetic star
  - Using the same physics we use to construct radar, telivisions, etc., these same formulas for magnetism indicate a maximum age value between 6-15k years

# Geology



- **Stalagmites produced in one year**
- “Limestone deposits can form rapidly if the ground water’s chemistry is favorable”
  - Dr. Walter Brown, MIT Physicist



# Astronomical Physics

- Sun is shrinking 5 feet/hour
  - Since 1836 over 100 observations
  - As far as we can tell this has been constant
  - 100k years ago the would have had twice its radius
  - 20m years ago the surface would have been touching the earth
  - no life could have existed within 1m years





# Astronomical Physics

- Comets
  - Solar wind 250-600 miles/sec, explosions, tear comets up rapidly. Lifetime for a comets is about 10k years. Comets are approx same age as solar system
- Dust on the moon.
  - Rate 14,300,000 tons per year (up to 10x)
  - 4-5 billion years: 440-990ft
  - Moon dust = 1/8 to 3 inches which equates to 8-10k years
- Jupiter, Saturn, and Neptune each radiate away more than twice the heat energy they receive from the Sun



# The Age of the Universe

## Diamonds

1. Carbon based jewel
2. Supposed to require billions of years to form
3. Believed to come from deep within the earth (~100 miles)



# The Age of the Universe

## Diamonds

1. Found  $\sim\frac{1}{2}$  C14 as compared to surrounding coal
2. More than 100x the detection threshold
3. Diamonds must have formed fast



# Geography

- Earth Population Consideration
  - $T$  = total time
  - $P$  = total population
  - $R$  = reproduction rate
  - $G$  = generation span
  - $x$  = number of generations
- $R^x = P \quad T = x * G$
- $T = ( \ln( P ) / \ln( R ) ) * G$



# Geography

## Simple Calculations for Today's Population

Reproduction Rate	1.75
Generation Length	150
Number of Generations	40.4
Current Population	<b>6,513,517,262</b> <small>07:14 GMT (EST+5) May 03, 2006</small>
<b>Total Time (years)</b>	<b>6057.0</b>





# Geography

## Simple calculations for the most recent “Ape Man”

Reproduction Rate	1.75
-------------------	------

Generation Length	75
-------------------	----

Number of Generations	4000
-----------------------	------

Current Population	$1 \times 10^{486}$
--------------------	---------------------

Total Time (years)	300,000
--------------------	---------



# Geography

## Simple calculations for the most recent “Ape Man”

Reproduction Rate	1.75
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Generation Length	75
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Number of Generations	4000
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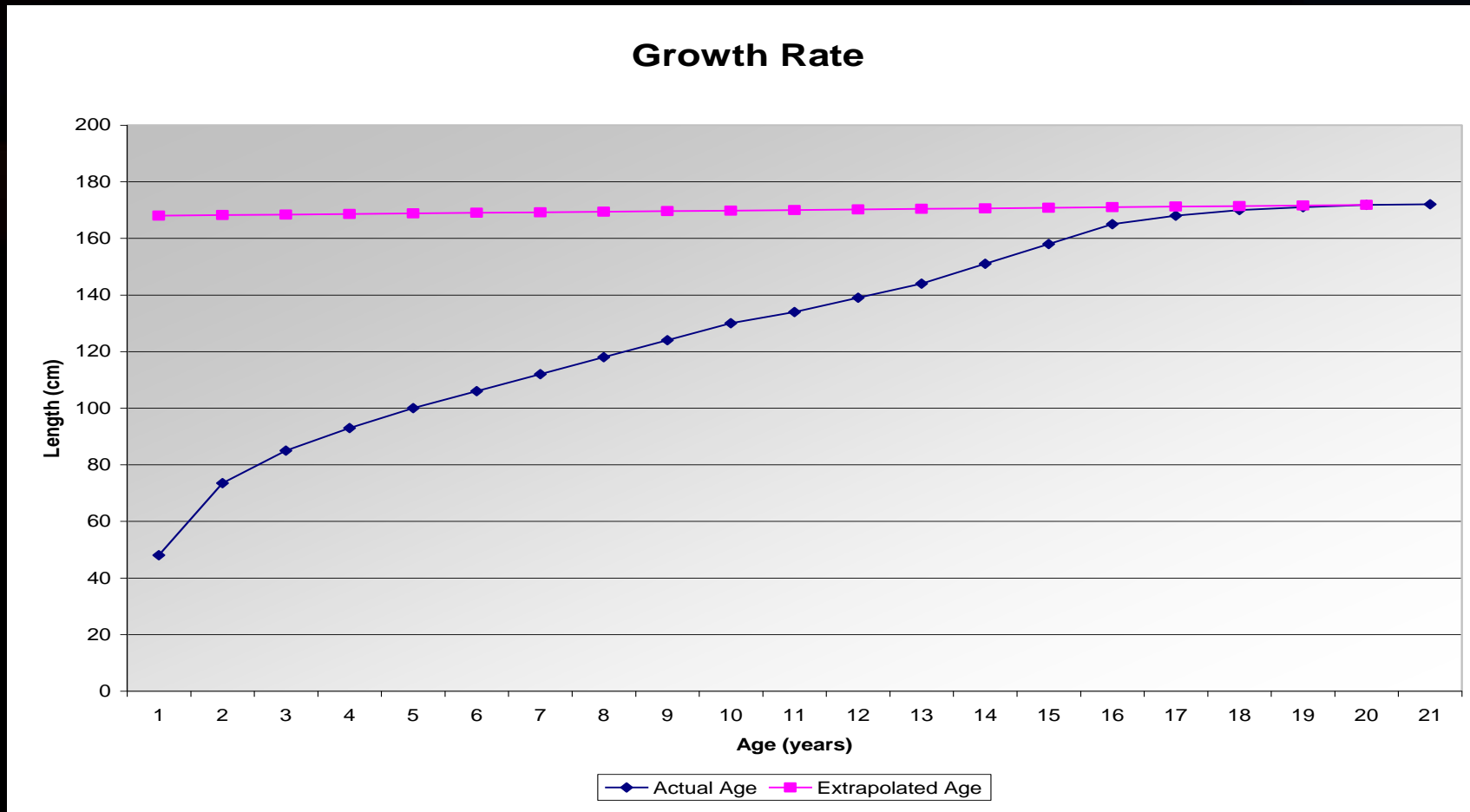
Total Time (years)	300,000
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# Geography

## Example of Rate Assumptions

Years	Height (cm)	Ave/Year	Diff/Year	Projected Age	
0	48		48.0	48.0	3.6
1	73.5		36.8	25.5	6.7
2	85		28.3	11.5	15.0
3	93		23.3	8	21.5
4	100		20.0	7	24.6
5	106		17.7	6	28.7
6	112		16.0	6	28.7
7	118		14.8	6	28.7
8	124		13.8	6	28.7
9	130		13.0	6	28.7
10	134		12.2	4	43.0
11	139		11.6	5	34.4
12	144		11.1	5	34.4
13	151		10.8	7	24.6
14	158		10.5	7	24.6
15	165		10.3	7	24.6
16	168		9.9	3	57.3
17	170		9.4	2	86.0
18	171		9.0	1	172.0
19	171.8		8.6	0.8	215.0
20	172		8.2	0.2	860.0

# The Age of the Universe





# The Age of the Universe

*"To date any part of the earth's structure prior to the time of human records, of course, requires extrapolation of some physical process, using uniformitarian assumptions. Since these assumptions are both untestable and unreasonable, there is no reason why we should place confidence in them, especially in view of the immense extrapolation necessary. Rates which have been measured over a very few years in the present must be projected for millions or billions of years into the past. This type of extrapolation would be unthinkable and abhorrent in any other type of scientific study, but evolutionists accept it with little question when it supports their beliefs."*

—Dr. Henry Morris





# The Age of the Universe

## Extrapolation

1. Engineering accuracy: 95-99%
2. Prediction confidence interval: 95%
3. Earth age: 0.0000000002%  
(assuming 100 sample & 4.7b age)



# The Age of the Universe

## Dendrochronology

1. Oldest living organism ever: 4,862 years old (1964)



# The Age of the Universe

## DNA Sequenced Homology

- Human: 3 billion bases
- Human chromo 21 sequences to chimp chromo 22 ~ 83%
- 5.4 million bases are incompatible out of 32.4Mb
- No possibility of common ancestry if homology is less than 90%



# The Age of the Universe

## DNA Sequenced Homology

- 10% of 3Bb = 300Mb
- At 5M years ago
  - 250,000 generations (20yrs)
  - 150M changes in 250K generations = 600 beneficial mutations per generation!



# The Age of the Universe

## Three Dating Assumptions

1. Isotope Concentration
2. Rate of Decay Consistency
3. External Factors



A view of Earth's horizon from space, showing a bright blue atmosphere and a dark, starry background. The word "PHYSICS" is centered in white text.

# PHYSICS



# Physics

- **The Law of Inertia** - *“Every body perseveres in its state of rest, or of uniform motion in a right line, unless compelled to change that state by forces impressed thereon.”*
  - A body has a constant velocity unless there is a net force acting on it. This is the fundamental property of objects resisting change.
- **The Law of Momentum** - *“The alteration of motion is ever proportional to the motive force impressed; and is made in the direction of the right line in which that force is impressed.”*
  - The rate of change of momentum with time is proportional to the net applied force and is in the same direction.
- **The Law of Cause and Effect** - *“To every action there is always opposed an equal reaction: or the mutual actions of two bodies upon each other are always equal, and directed to contrary parts.”*
  - For every action there is an equal and opposite reaction.



# Thermodynamics

- **The Law of Conservation of Energy**
  - Energy is neither created nor destroyed
- **The Law of Entropy**
  - Measurement of available energy for conversion into work
  - Measure of order in a system