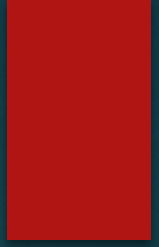
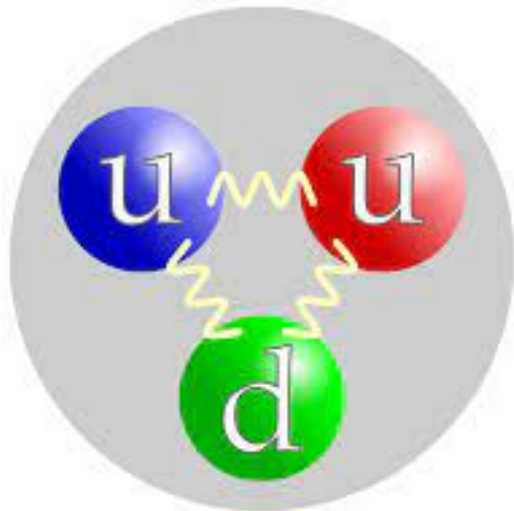


Quarks to Quasars

Or science for creationists

XI. History of Creationism vs Evolution



ERRATA from “Eyes”



- ▶ Jack astutely pointed out, sturgeon (retractable eyes) is not a placoderm
- ▶ I indicated Spetner's calculation of $10^{-24\,082\,400}$ ~winning lottery every second for a 100 yrs lifetime; this number would be more like winning every **10 minutes**
 - ▶ Spetner assumed $\frac{1}{4}$ choice for each of 1% of 4 billion base pairs, so $4^{-40\,000\,000} = 10^{-24\,082\,400}$
 - ▶ However, might be better as 2% of 3 billion (only one strand), so would be $10^{-48\,162\,800}$
 - ▶ But, the “noncoding” sequences are important (how unique could be a debate; and most AAs have duplicate codons); so consider that $4^{-3\,000\,000\,000} = 10^{-4\,800\,000\,000}$ would be that chance
 - ▶ the chance of winning Powerball is $\sim 3 \times 10^{-8} = 10^{-8.300\,000}$, #seconds in a year is 31 536 400
 - ▶ Chance of hitting lottery every second for 100 years is $[10^{-8.3}]^{3\,153\,640\,000} = 10^{-26\,805\,600\,000}$
 - ▶ Thus, for the 2% coding assumption, this is more like hitting lottery every 10 minutes (or every 6 seconds for a year); **but** if we assume all of the genome is important, it is **every 5 seconds** for 100 yrs (20 times/second for one year)
- ▶ **But, remember** that is just to code for the proteins in a sample cell; odds much higher to:
 - ▶ Make a cell, have the cells form organs and organisms (eg man)
 - ▶ Having the proper ingredients (remember already needed protein enzymes, minerals, specific nucleic acids in a system) and conditions (eg temperature, acid/base, water for biochemistry, energy source, and atmosphere, food, etc) to sustain and propagate process and life
 - ▶ And assumes no fatal mutation that would set the “gamble” back!

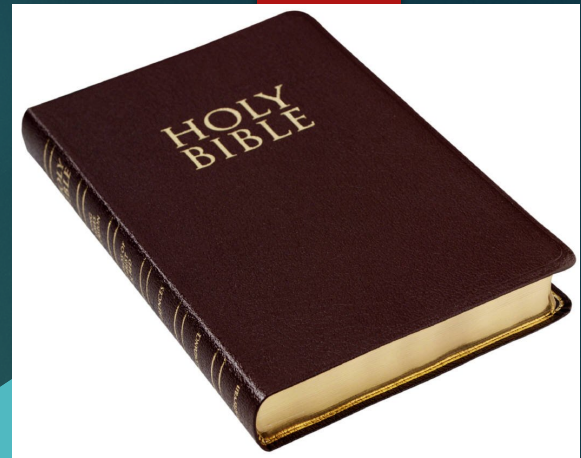
Outline/Review

- ▶ I. Introduction – importance, improbability, theory flaws
- ▶ II. Quarks and Atoms – Big Bang, string theory, atoms, relativity
- ▶ III. Molecules and Cells – many complex systems but great order
- ▶ IV. Cells=Life – abiogenesis/cell formed, division, genetics
- ▶ V. Life to Man – 6000 yr convergence; path to man jumps; man special
- ▶ VI. Other creeping things – design/complexities across life's spectrum
- ▶ VII. Earth and Geology- dating problems, age appearance, Flood, design
- ▶ VIII. Heavens – gamut of celestial bodies; many inconsistencies w Big Bang
- ▶ IX. Human Organs – The stage is set!; endless examples of design
- ▶ X. Eyes by Design – just ONE of these organs – interwoven, steps impossible
- ▶ XI. History of Creationism vs Evolution – anti-God; compromised Christians
- ▶ XII. Scriptural Basis of Creationism – Word is clear, opposition predicted; evangelism

Purpose of this section

- ▶ Review true origin of creationism
- ▶ See how evolution undermined secular thought
- ▶ Strategies Evolutionists use to stifle creationism
- ▶ Trace how compromise has taken root even among Christians and their leaders
- ▶ Appreciate and build on the creationist “revival”

Creationism originates in the Bible



- ▶ Most basic difference: **God-centered** not Man-centered
 - ▶ Denial underlies man's foundational rejection of God
 - ▶ 2Cor 4:3-4 - But if our gospel be hid, it is **hid to them that are lost**: ⁴ In whom the **god** of this world hath **blinded the minds of them which believe not**, lest the light of the glorious gospel of Christ, who is the image of **God**, should shine unto them.
- ▶ Trust in God (not a man, scientist, or a thing or oneself)
 - ▶ Psa 118:8 - It is **better to trust in the LORD** than to put confidence in man.
 - ▶ 1 Sam 17:45 - Then said David to the Philistine, Thou comest to me with a sword, and with a spear, and with a shield: but **I come to thee in the name of the Lord of hosts**, the God of the armies of Israel, whom thou hast defied.
- ▶ Widely accepted throughout Western society into 20th Century

Creator concept is in most major civilizations, especially MesoAmerican

- ▶ Salinan Indians (So Cal) – world **created** but Bald Eagle was the chief, so added humans
- ▶ Pima Indians (So AZ) – “Earth Maker took some clay (and **formed**) man and woman”
- ▶ Incas (Peru) – “Viracocha (**created** world but) arose among them **vices** of pride and covetousness...(he) **cursed them**”
- ▶ BTW, MANY others with similarity to biblical accounts:
 - ▶ Choctaw (of LA) – “...understood one another...began **building a mound** that was to have touched the heavens...Choctaw remained...others scattered”
 - ▶ Anahuac (Mexico) – **flood survivors** built a vast pyramid
- ▶ Mesoamerica – creation account; **female from sleeping male; life in a paradise initially**
- ▶ (Non God creator: Greek, Roman, Mesopotamian, Egyptian, Chinese)

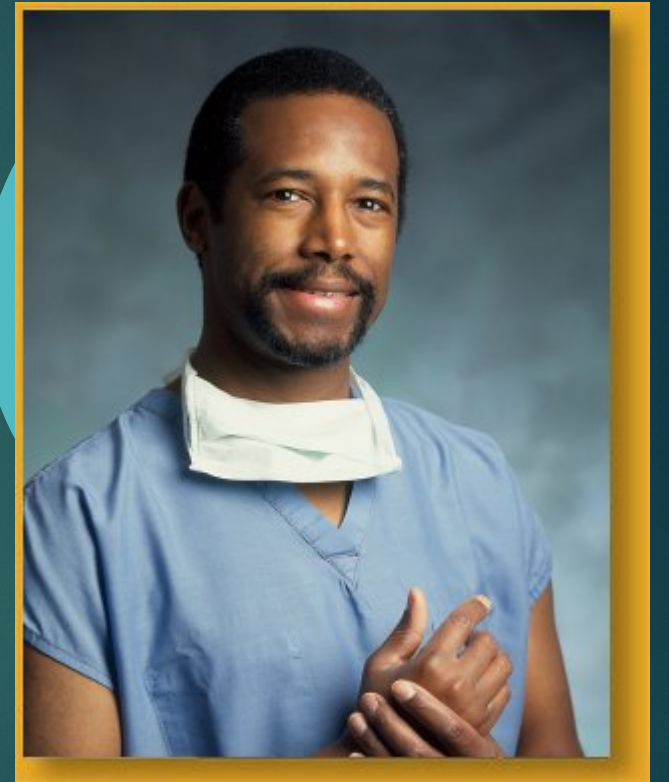
Creator/God consensus before ~1800

- ▶ Declaration of Independence:
 - ▶ “all men are created equal, that they are **endowed by their Creator** with certain unalienable **Rights**, that among these are **Life, Liberty and the pursuit of Happiness.**” (and other places reference God)
- ▶ Constitution – doesn't say “separation of church and state?”
 - ▶ **Amendment I:** Congress shall make **no law respecting an establishment of religion, or prohibiting the free exercise thereof**; or abridging the freedom of speech, or of the press; or the right of the people peaceably to assemble, and to petition the Government for a redress of grievances.
 - ▶ “**establishment clause**”- (NOT separation of church and state to the degree of freedom from religion); more secular, neutral – The founders did not want a state-run church!
- ▶ Christian and Orthodox Jewish thought was unchallenged as literal, 6 day Creation
- ▶ Many great scientists and leader were creationists:
 - ▶ Isaac Newton, Johann Kepler, 100s of others

And even still today (previously I mentioned Werner Arber)...

Scientists believing in Creation

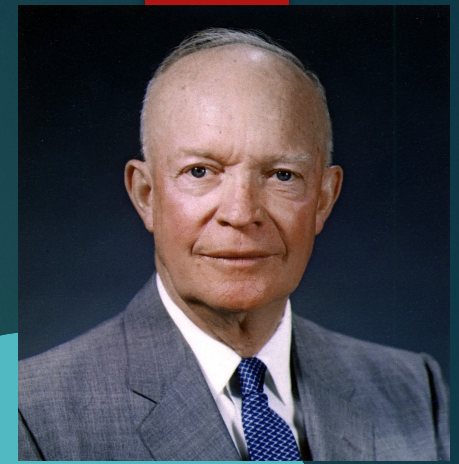
- ▶ Ben Carson, MD-
 - ▶ pediatric neurosurgeon, JHU; Yale, U of MI; renown twin separations
 - ▶ CNN, Time: one of nation's top 20
 - ▶ Library of Congress: one of 89 "living legends"
 - ▶ 51 honorary doctorates
 - ▶ "I just don't have enough faith to believe" **evolution**; no "fossilized evidence of (stepwise) progression..."



<http://pertoesta.com.br/wp-content/uploads/2009/02/carson.jpg>

Presidential support for Creationism

- ▶ Eisenhower –
 - ▶ Member of organizations that wrote first anti-Darwin work, *The Bible Versus Evolution Theory*, 1898
 - ▶ Various quotations citing **God as Creator, Sustainer**
 - ▶ Prayers answered in his fight against Hitler (agent of evolution)
- ▶ Carter
 - ▶ More in agreement with Intelligent Design than pure Creationism
 - ▶ But cited “**omnipotent Creator...entire universe**”
 - ▶ Disagreed with Gould
- ▶ Reagan
 - ▶ As governor – policies to **weaken teaching of evolution**
 - ▶ Strongly opposed Humanism
- ▶ GHW Bush – “wouldn’t be surprised” if creation and science reached common ground
- ▶ GW Bush – supported teaching of **creationism** alongside evolution in schools



The Rise of Evolutionary Thought



- ▶ Seeds go back to the Garden!
 - ▶ Darwin as a turning point
 - ▶ Rise of scientism/modernism – permeated all aspects of society
- 

But the Eastern world had a “head start”...

Evolutionary theme in other world religions

- ▶ Buddhism, Confucianism, Taoism, Hinduism
 - ▶ Deny a Creator
 - ▶ Pantheistic
 - ▶ Revel that their beliefs are c/w modern science/evolution
- ▶ **Denial of sin, so no need for atonement, etc**
- ▶ Even later theologies based on special creation are generally diluted into **theistic evolution**
 - ▶ Catholicism, Islam, Judaism



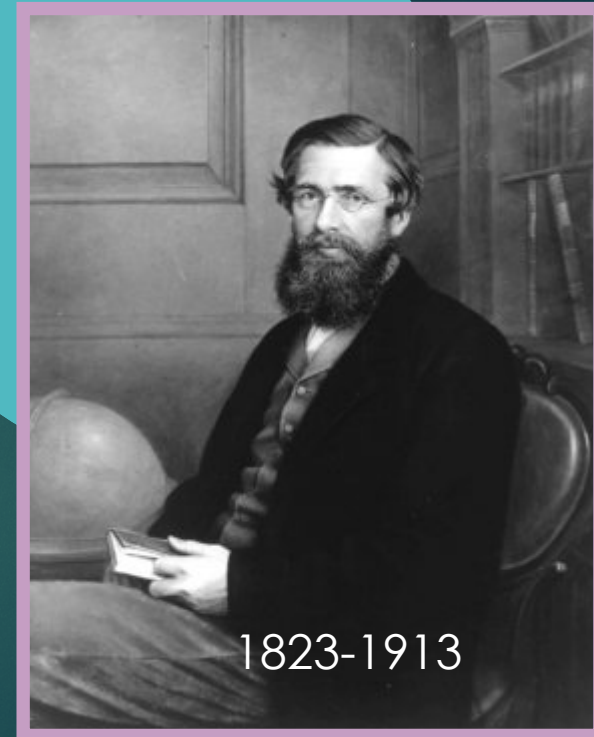
Early evolution theory restrained

- ▶ Greeks (550-450BC)– Anaximander and Empedocles proposed evolution concepts
 - ▶ but **Aristotle** did not endorse water animals could result to a thinking man, so suppressed (although he supported abiogenesis)
 - ▶ **Plato** – “fixity of species”
- ▶ Epicureans (~300BC)– materialists, held all from **atom particles**
 - ▶ suppressed after **Paul’s Mars Hill** refutation to Greeks Acts 17:22-32 (“unknown god...ignorantly worship
- ▶ Age of Reason (1700s France and England, etc)
 - ▶ **Linneaus** (1707-78) held great influence; maintained creationist view “**immutability of species**”- (J Ray defined species as interbreedability)
 - ▶ **Cuvier** (1769-1832)– appreciated the “sequence” of fossils, but believed in a succession of creations (progressive catastrophism/creationism); **chance as “literally inconceivable”**
 - ▶ **Paley** (1743-1805)- English Clergyman – advanced **Argument from Design** (evidence for a Creator) drawing from rabbinical literature eg Rabbi Akiva who cited watch construction
 - ▶ **Agassiz** (1807-73) – Prof Zoology Harvard: “(world) proclaim aloud the One God”

Note the parallel with God restraining his judgment – in OT and in NT (Revelation)

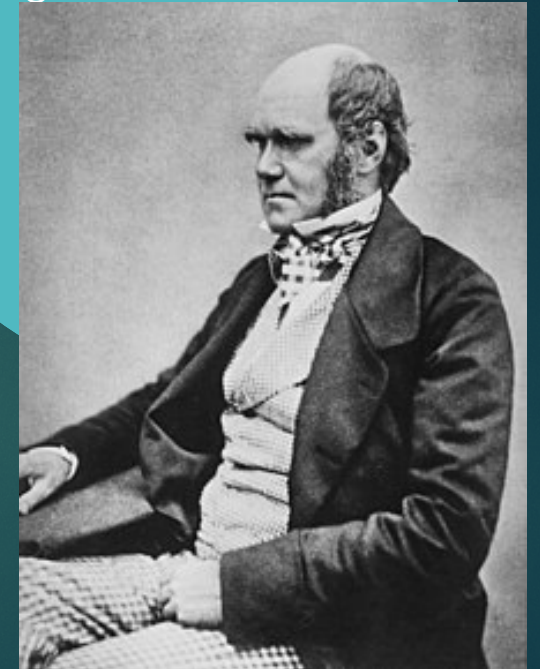
Beginning the onslaught of evolution theory

- ▶ Lamarck (1744-1829)– concept that **need breeds changes**, acquired traits are passed on (no understanding of inheritance)
- ▶ Saint-Hilaire (1772-1844) – similarities in animal structures implies they **arose from more primitive beings**
- ▶ Several others- von Buch, Candolle, Oken
- ▶ Then, **Alfred Wallace** and **Darwin** codified in the *Origin of the Species*
 - ▶ T Malthus (1766-1834) was influential to Darwin – population growth is exponential until limited by war, disease, famine, vice as **production of resources (linear) will limit**
- ▶ **Initially, Darwinism did not take scientific community by storm; even last *Origin* edition (1872) hotly debated; but by late 1880s, strong following**



Charles Darwin

- ▶ 12Feb 1809-19April1882 (born same day as Lincoln)
 - ▶ Father, a wealthy MD
 - ▶ Grandfather, Erasmus Darwin (abolitionist), influential in thought
 - ▶ Unitarian, but baptized Anglican; “I did not... doubt...literal truth of ...Bible”
 - ▶ U of Edinburgh Med School (no degree)(naturalism, taxidermy), Christ’s College, Cambridge
 - ▶ Really did not become a minister, but started study
- ▶ HMS Beagle (1831-1836); father funded gentleman naturalist but was opposed
 - ▶ Some smaller publications (rising SA landmass, speciation wrong eg finches)
 - ▶ Geological Society (Lyell mentored)
- ▶ *Origin of Species* not published until 1859
- ▶ Was an invalid the last 40 yrs of his life (after distancing from God)
 - ▶ OCD?, Anxiety and depression described; may have had a psychosis
 - ▶ Kept him from debates, etc;
 - ▶ Wife always tried to dissuade him, concern: “putting God further and further off”
- ▶ Yet, accorded such high honor he was buried in Westminster Abbey
 - ▶ 30 kings/queens, Sir Isaac Newton, Stephen Hawking, Charles Dickens, Queen Elizabeth I and King Henry VII. Chaucer, Nelson



Darwin had concerns, but dismissed

- ▶ “why, if species have descended from other species by insensibly fine gradations, do we not everywhere see **innumerable transitional forms?**” (...but they will eventually turn up)
- ▶ “To suppose that the eye, with all its inimitable contrivances for adjusting the focus to different distances, for admitting different mounts of light, and for the correction of spherical and chromatic aberration, could have been formed by **natural selection, seems, I freely confess, absurd in the highest degree.**” (...but it happened)
- ▶ Letter to Asa Gray, “one’s imagination must **fill up very wide blanks**”
- ▶ “If numerous species belonging to the same genera or families have really started into life all at once, **the fact would be fatal to the theory** of descent with slow modification through natural selection.”

Thomas Huxley, “Darwin’s bulldog”

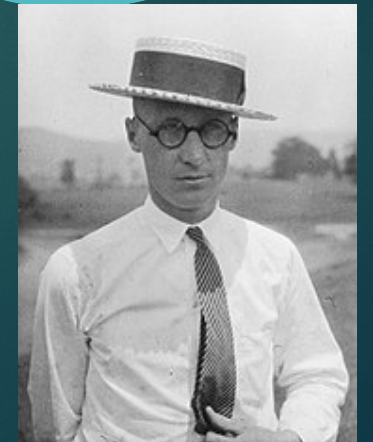
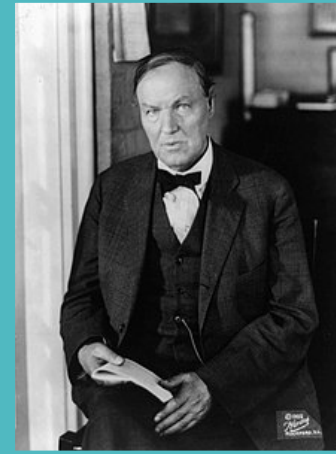
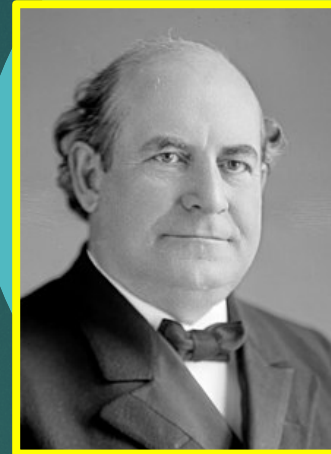
- ▶ Self-taught biologist, comparative anatomist
- ▶ Famous for debating Sam Wiberforce 1860 (Anglican bishop)
- ▶ “It is clear that the doctrine of evolution is directly antagonistic to that of Creation. Evolution, if consistently accepted, makes it impossible to believe the Bible”



1825-1895

Scopes Trial- the beginning of the end for creationism in public schools

- ▶ 7/10-21, 1925 Tennessee v John Scopes (Dayton, TN)
- ▶ High school teacher accused of violating Butler Act against teaching evolution in state-funded school; ACLU convinced him to “confess” **even though never taught it!**
- ▶ **WJ Bryan** (1860-1925) vs **C Darrow** (1857-1938) (fundamentalist v modernist)
 - ▶ Bryan as Biblical expert; but his embrace of Day Age undermined his credibility
 - ▶ Bryan cited Darrow’s defense of 2 rich college youths, accused of murder - under influence of Nietzsche, evolution rather than their fault
 - ▶ Hot; moved outside; Bryan died of MI days after verdict
- ▶ Scopes guilty, fined \$100; later overturned on technicality
- ▶ “Inherit the Wind” – 1960 (based on Prov 11:29- He that troubleth his own house shall inherit the wind: and **the fool shall be servant to the wise of heart**)
 - ▶ distortions: Bryan as bigot, townfolk ignorant, Darrow as temperate/well-mannered;
 - ▶ **Signaled beginning of (neo)evolutionary influence**



John Scopes 1900-1970)

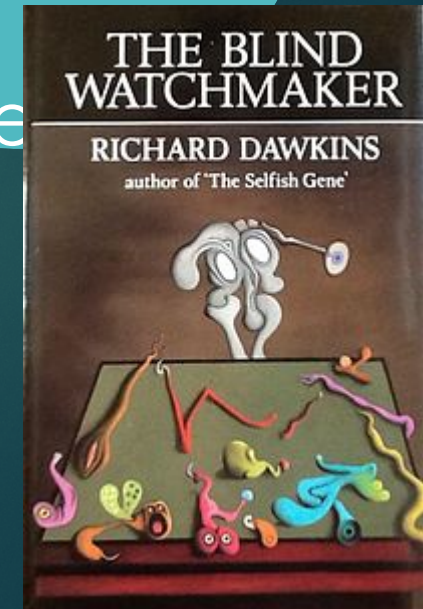
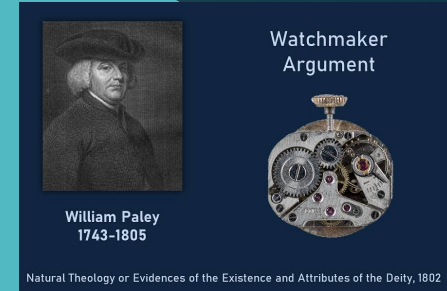
Post Darwin (the die is caste!)

- ▶ George Lemaitre (w Hubble) 1931 – Cosmological Evolution
- ▶ Miller and Urey – AAs in a test tube, 1952
- ▶ Eldridge and Gould – 1972 *Punctuated Equilibria*
- ▶ Francis Crick and Leslie Orgel – 1973 Directed Panspermia
- ▶ J Watson – “inherently gloomy about the prospect of Africa... (intelligence) not same as ours”
- ▶ John Dunphy – 1983 humanism fully replaced Christianity in classrooms

Ignore truth, dismiss more likely explanation of facts...

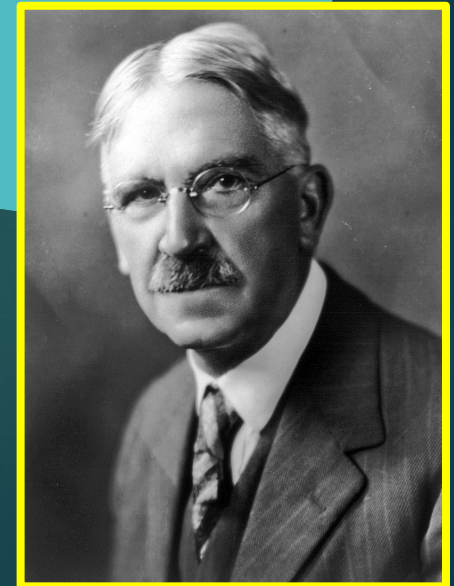
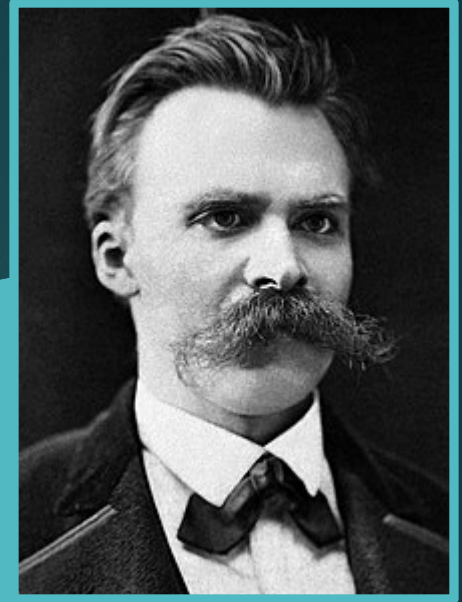
Richard Dawkins, in *The Blind Watchmaker* (Chapter 9: "Puncturing Punctuated Equilibrium")

- ▶ "For example, the Cambrian strata of rocks...are the oldest ones in which we find most of the major invertebrate groups. And we find many of them already in the advanced state of evolution, the **very first time they appear**. It is as though they were just planted there **without an evolutionary history.**"
- ▶ Oxford professor
- ▶ Hmm...same facts, different conclusion



Penetration of evolutionist thought into society

- ▶ **F Nietzsche** (1844-1900), philologist and philosopher; U of Basel
 - ▶ Perspectivism over truth; **God is dead** (meaning influence of Christianity. calling for alternative – ie communism); a/w fascism/Naziism
- ▶ **John Dewey** (1859-1952) – philosopher, psychologist- **education**
 - ▶ Vermont; PhD JHU; taught at U of Michigan, then U of Chicago
 - ▶ Humanist Manifesto I (1933)- 15 articles
 - ▶ **Universe not created**, emerged as result of continuous process; mind-body dualism rejected; **religion subservient to "science"**, rejected theism etc; all institutions exist for fulfillment; radical change for **universalism** needed for society
 - ▶ Humanist Manifesto II (1973)(Kurtz/Wilson)- less optimistic about socialism; but espoused **euthanasia, suicide, abortion, divorce**
 - ▶ III (2003) by Am Hum Soc: evolution, ethics by experience, **individual happiness**
- ▶ Dunphy: **"the battle for humankind's future...The public school classroom must and will become an arena of conflict between the old and the new – the rotting corpse of Christianity, together with all its adjacent evils and misery, and the new faith of humanism."**



Evolution influences (just a few)

- ▶ **Psychiatry/psychology:** Brosin (U of Pittsburgh chairman)
 - ▶ at 1959 Centennial- "...for without (Darwin's) work it is difficult to imagine what the state of our discipline would be like
- ▶ **Sociology:** Branford (chair of British Sociological Society)
 - ▶ Comte and Spencer (fathers of sociology) were "animated...under the influence of the evolutionary concept (like)...History, Law and Political Economy...Anthropology, Social Psychology, Comparative Religion, Criminology, Social Geography..."
- ▶ **(organized) Religion:** 1950 Pius XII permitted belief and teaching of evolution; 1996 affirmed by John Paul II – "more than a hypothesis"
- ▶ **Politics:** Clarke "Mussolini's attitude was completely dominated by evolution...used Darwinian catchwords"

Darwinian Roots to Naziism/Communism

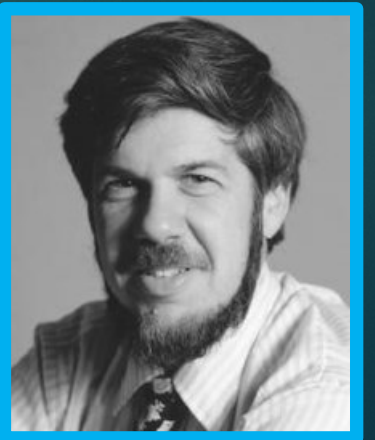
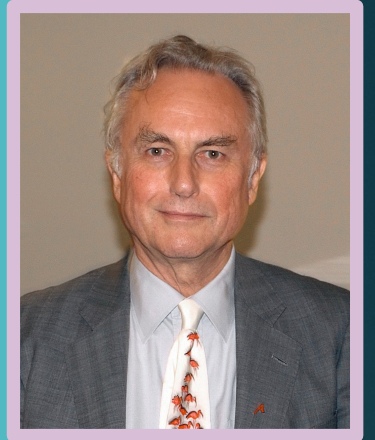
- ▶ **Marx:** Darwin's book "contains the basis in natural history for our views"
 - ▶ Darwin declined to write foreward for *Das Kapital* (1867)
- ▶ **Trotsky:** Darwin's ideas "intoxicated" him; "stood for me like a mighty doorkeeper at the entrance to the temple of the universe:
- ▶ **Stalin:** became an atheist after reading Darwin
- ▶ **Hitler** (the ultimate racist: Super race – Arianism)
 - ▶ Eugenics (supported by W Wilson, M Sanger, OW Holmes, A Harriman, Rockefeller Foundation); led to laws against mix race marriages, to forced sterilization laws, euthanasia
- ▶ **Mao Zedong** – Darwin and Huxley his favorite authors
- ▶ **Pol Pot:** inspired by Stalin and Mao

Social Implications of Darwinism

- ▶ **Inferiority of women** -Darwin (married his cousin, Emma Wedgwood)
 - ▶ “males are more evolutionarily advanced than females”
 - ▶ “the average of mental power in man must be above that of women”
- ▶ **Racism**
 - ▶ *Descent of Man*, 1871 – Racist! – against slavery, but
 - ▶ “...the civilized races...exterminate and replace the savage races...anthropomorphous apes...exterminated...The break between man and his nearest allies will then be wider...baboon, instead of as now between the negro or Australian (Aborigine) and the gorilla.” (*Descent of Man* 1936 edition, p521)
- ▶ Darwin's contemporaries
 - ▶ Paul Broca (1824-1880) - Focused on correlating smaller brain size and lower intelligence (eg in women)(BTW, Einstein's brain was smaller than average)
 - ▶ Gustave Le Bon (1841-1931) – “Women...most inferior forms of human evolution...closer to children and savages than to an adult, civilized man”

Leading late 20th century Evolutionists

- ▶ **Julian Huxley** (1878-1975) (grandson of Thomas; brother of Aldous):
 - ▶ “The first point to make about Darwin’s theory is that it is **no longer a theory but a fact**...We are no longer having to bother about establishing the fact of evolution.”
- ▶ **R Dawkins** (1941-):
 - ▶ The theory is about **as much in doubt as the earth goes round the sun.**”
- ▶ **Gould** (1941-2002):
 - ▶ “It is absolutely safe to say that, if you meet somebody who claims not to believe in evolution, that person is **ignorant, stupid or insane**”
 - ▶ self described as a Jewish agnostic, but felt qualified to say, **“evolution is compatible with religion.”**
- ▶ Sagan, Asimov, and others – similar quotations



Strategy of Evolutionists to stifle Creationism

1. **Analogy:** eg. *Blind Watchmaker* (Dawkins, 1986)- (cf Paley, complex universe=Creator)
2. **General consent:** eg. since other religious “myths” are not believable, Creationism/Bible account cannot be endorsed
3. **Belittlement:** eg. creationists do not understand science/evidence; are ignorant
4. **Imperfection:** eg. not valid to discredit evolution just because evolutionists disagree
5. **Distorted Science:** accused misapplication of science by creationists – eg 2nd Law Thermodynamics – earth is an open system
6. **Irrelevance:** eg. “details” like incomplete fossil record and lacking transitional forms does not make Biblical account true
7. **Authority:** eg. Bible as evidence is not valid for science (but much other evidence!)

Suppress open debate by belittlement, propaganda, legislation

Writer -Game of Thrones“American Tolkien”

When you tear out a man's tongue, you are not proving him a liar, you're only telling the world that you fear what he might say.

George R.R. Martin

But Darwinism is not just embraced by atheists...

Christianity – compromising/ harmonizing doctrines

John 11:35 – Jesus wept



James Tissot

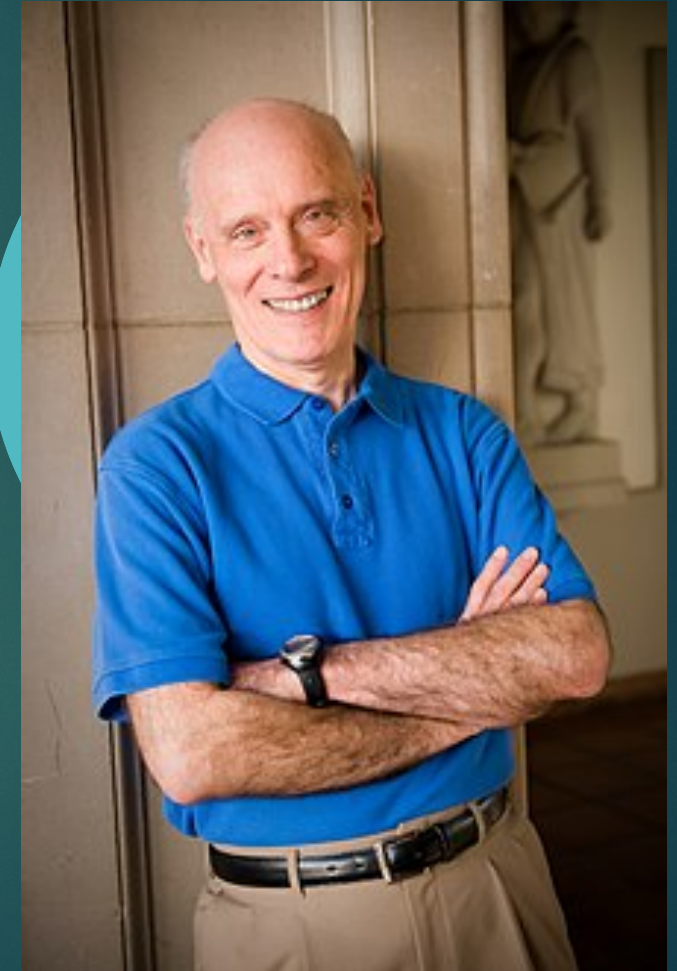
Theistic Evolution – “God guided”

- ▶ More gradual codification (18th to 19th century)
 - ▶ Asa Gray, Cuvier, Lyell, Owen - started
- ▶ Rejects “special creationism”
- ▶ God working by using evolution and natural selection
 - ▶ But is wasteful
- ▶ Geologic ages true; Genesis as literary framework
- ▶ Moral law as inborn search for God
- ▶ **Generally embraced by contemporary religious liberals**
 - ▶ Eg. Roman Catholic Church,



Day Age theory

- ▶ Days of creation refer to ages of history (ie “old Earth”)
 - ▶ Essential same as **Progressive creation**
- ▶ St Augustine (of Hippo) 354-430AD
- ▶ James Dana (1813-95) - geologist
- ▶ WJ Bryan (cf his ardent antievolution, otherwise fundamentalist reputation); C Spurgeon (1855-1892); ?C Scofield; RA Torrey (1856-1928) 2nd Pres Moody; G Archer (1916-2004)- in fairness, they were trusting in early “science”
- ▶ Day-Age – H Miller, 1800s “days” as millions of yrs
- ▶ Modern: Hugh Ross (1945-)- astrophysicist U of Toronto
 - ▶ God used Evolution
 - ▶ cycles of extinction followed by new creation



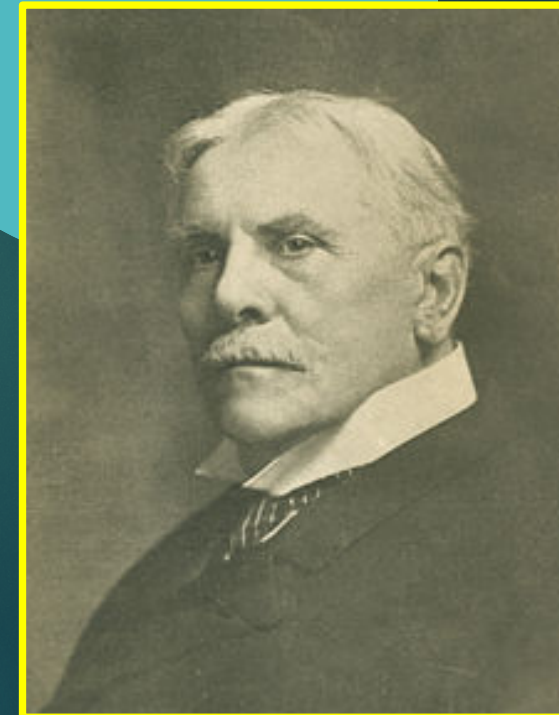
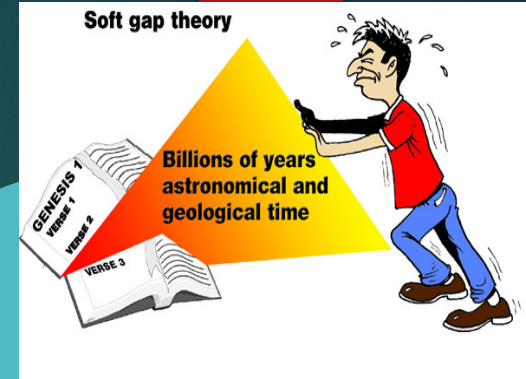
Scriptural refutations of Day Age evolution

- ▶ How could Sun come long after plants?
- ▶ life originated in ocean (algae); Gen 1:11 plants on land
- ▶ sun and moon old as earth; but Gen 1:14-19 on day 4
- ▶ stars before earth; Gen 1:16 says 4th day
- ▶ fish, then birds; Gen 1:21 says same
- ▶ early man as hunter; Gen 1:29 man as vegetarian
- ▶ Male/female develop separately; Gen – woman from man
- ▶ Rains cooled nascent earth; Gen 2:5 no rain until flood



Gap theory basis (Old Earth)

- ▶ Gap (~billion yrs) between Gen 1:1 and 1:2, so Geologic ages before creation week
- ▶ Gen 1:2 - And the earth was without form, and void; and darkness was upon the face of the deep. And the Spirit of God moved upon the face of the waters.
- ▶ What happened during the “gap”?
 - ▶ Satan’s fall, ruler of earth, dwelled in Garden of Eden
 - ▶ Water in Gen 1:2 as God’s (interposed) judgment – “Lucifer’s flood” – during this “time” was when fossils were deposited
 - ▶ Earth was “peopled with soulless men”; based on Isa 45:18 to say not created in vain, created to be inhabited (cf “formless” in Gen 1:1- but created “waiting” for man)
 - ▶ cataclysmic destruction of earlier (no scripture to suggest this; cf Ezek 28:17 – Satan defeat)
- ▶ Relies on alternate (separate) translation of several words (Hebrew scholars)
 - ▶ *Bara* (create out of nothing) and *asah* (make); but both used interchangeably (Gen 1:1, 21, 27 use *bara*; but Gen 1:26 uses both)
 - ▶ *Waw*, a letter used as a conjunction- “but, and, now, then”; Gen 1:2 interpreted by Gappists as “became” but grammar and context do not support that alone
 - ▶ *Tohu* (without form) and *bohu* (void) as “judgmental destruction” instead of process of Creation being built in Gen 1:2; but plain and simple reading is unformed and unfilled at that point
 - ▶ Gen 1:28 *replenish* (“*mala*”) applied differently
- ▶ Pietistic fundamentalist popularized in 19th and into 20th century opens door to self improve:
 - ▶ Chalmers (1840), **Scofield** (1843-1921); Oral Roberts, Bullinger, ?Missler, Garner Ted Armstrong, Nee, Chas Ryrie (waffles), JW’s allow for Gap, J Bakker, J Swaggart, von Braun,

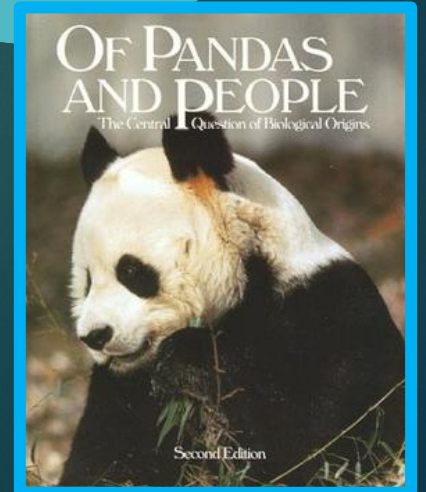


More Refutation of Gap Theory

- ▶ Weston Fields, author of definitive anti-gap book, *Unformed and Unfilled (1975)*
- ▶ Exegesis of yom; meaning of day does not fit
 - ▶ Gen 1:2 “was” (not “became”)
 - ▶ Gen 2:3 cf Exod 20:11 “all that in them is”
- ▶ Gen 1:31 – how could “very good” describe a time after Satan’s fall and the allegedly judged world in the gap?
- ▶ Noah’s worldwide flood better explanation for fossil record
- ▶ Rom 5:12 – death AFTER Adam’s sin – would not fit with prior judgment

Intelligent Design

- ▶ Thomas Aquinas – postulated need for a designer
 - ▶ 1802 **Wm Paley** (1743-1805), *Natural Theology*. Watchmaker analogy
- ▶ Contemporary, **Michael Behe**; others invoke it- DJ Kennedy, J Johnson
- ▶ Generally, accepts geological strata
- ▶ Life as specially designed
- ▶ Behe - concept of **irreducible complexity**
- ▶ Not necessarily literal interpretation of Scripture - compromising
- ▶ 1987 Supreme Court Trial banned teaching creation science since it represented religious doctrine
 - ▶ 1989-98 saw several school districts mostly reject use of *Of Pandas and People* (Davis and Kenyon, 1989) was introduced as it espoused Intelligent Design, a scientific theory and therefore should be permissible



But, a revival!...

Literalist/Creationist

- ▶ Literal interpretation of Scripture
 - ▶ *Ex nihilo* (out of nothing) by God, the Creator
 - ▶ 6 day creation, young Earth
- ▶ **Henry Morris** (1918-2006) – “father of modern creationism”
 - ▶ Hydrologic engineer; was chairman of civil engineering/ acting dean at La Tech, then professor at So IL Univ, then VA Tech
 - ▶ Authored landmark, *The Genesis Flood*, with J Whitcomb (1961)
 - ▶ Formation of Creation Research Society (1963)
 - ▶ Founded ICR (1972) – uniquely staffed/devoted to research
- ▶ **Ken Ham** (1951-) Australian educator - left ICR to start Answers in Genesis (Ark experience, KY)
- ▶ Lisle, Meyer, others



Evolution= no purpose for life Freely admitted!

- ▶ “That in the end nothing matters and everything is impermanent... If you really think about evolution and why we human beings are here, you have to come to the conclusion that **we are here for absolutely no reason at all**”
 - ▶ Susan Blackmore, psychologist, disciple of Richard Dawkins, “The Independent” 21 Jan 2004 <www.susanblackmore.co.uk/journalism/World%20indy.htm>
- ▶ MANY other quotations of evolutionists’ having concerns about gaps in theory, suppression of free inquiry

Consequences of Evolutionary thought

Eccl 1:9 - The thing that hath been, it is that which shall be; and that which is done is that which shall be done: and **there is no new thing under the sun.**

- ▶ Religion/Christianity stifled
- ▶ Racism
- ▶ Male chauvinism
- ▶ Hedonism – sexual deviations
- ▶ Marxism
- ▶ Failure of education/thought
- ▶ Lack of law and order
- ▶ Corrupted education
- ▶ And more....!
 - ▶ In the year 2525 song – Zager and Evans, #1 x6wks in 1969; one hit wonder
 - ▶ Dystopian; Woes of technology; I see it as the end result of evolution- driven society

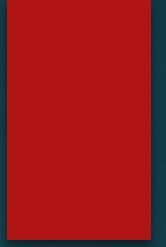
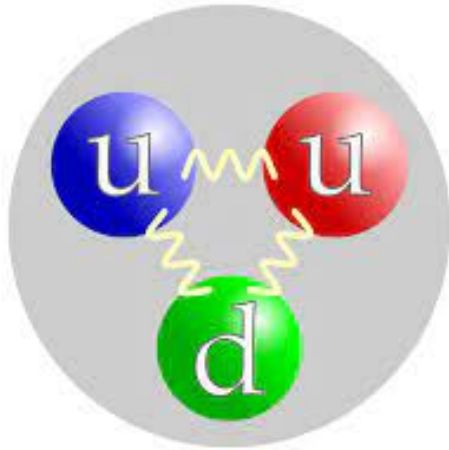


<https://www.youtube.com/watch?v=yesyhQkYrQM>

Quarks to Quasars

Science for Creationists

XII. Theology, Scriptural Basis



Outline/Review

- ▶ I. Introduction – importance, improbability, theory flaws
- ▶ II. Quarks and Atoms – Big Bang, string theory, atoms, relativity
- ▶ III. Molecules and Cells – many complex systems but great order
- ▶ IV. Cells=Life – abiogenesis/cell formed, division, genetics
- ▶ V. Life to Man – 6000 yr convergence; path to man jumps; man special
- ▶ VI. Other creeping things – design/complexities across life's spectrum
- ▶ VII. Earth and Geology- dating problems, age appearance, Flood, design
- ▶ VIII. Heavens – gamut of celestial bodies; many inconsistencies w Big Bang
- ▶ IX. Human Organs – The stage is set!; endless examples of design
- ▶ X. Eyes by Design – just ONE of these organs – interwoven, steps impossible
- ▶ XI. History of Creationism vs Evolution – anti-God; compromised Christians
- ▶ XII. Scriptural Basis of Creationism – Word is clear, opposition predicted; evangelism

Scriptural and Scientific Creationism

- ▶ Most Basic Assumption: **Scripture is true and literal**
 - ▶ This is the foundational basis of all fundamentalism
 - ▶ Battlefield for all liberalism
 - ▶ Predicated on proper interpretation/context/translation
- ▶ View of Scripture as “pre-science” or “true science” or even “suprascience”
- ▶ Science is consistent with, but subservient to, Scripture
 - ▶ Science is incomplete; Scripture is complete
- ▶ Yet, Scripture is not a science “textbook”
 - ▶ Not its purpose
 - ▶ Limited capacity for a man to describe it in contemporary knowledge context
 - ▶ God is true (Deut 32:4), cannot lie (Titus 1:2), knows all (1 John 3:20; Psa 147:5)

Creationism characterizes God's overarching plan

- ▶ Creationism is not a religion in itself – it is a “superdoctrine” following from and exemplifying literal interpretation
- ▶ Avoid condescension; not a weapon of our own egos (1 Cor 8:1-2 – “puffeth up”)
- ▶ The principles of sin, atonable only by God, with redemption, and eternity are addressed through study of creationism, as through other doctrines: eschatology, theology, soteriology, Christology
- ▶ “proof” texts for creationism are inextricably linked to other doctrines – all point to the power and saving grace of God
 - ▶ This “excuses” the argument that some verses might seem not directly addressing creationism
 - ▶ Studying Creation complements these doctrines, encourages, edifies, augments understanding, strengthens faith
- ▶ **It just plain feels right (in a righteous way)!**

High level summary (top 10):

Theological problems with evolution

1. God created man **in His own image**, not from apes - Gen 1:27
2. Evolution **denies the role/need for God**
3. **Death before sin** of Adam/Eve contradicts Scriptural foundation
1Cor 15:21 - For since by man came death, by man came also the resurrection of the dead.
Rom 5:12 - Wherefore, as by one man sin entered into the world, and death by sin; and so death passed upon all men, for that all have sinned:
4. **Undermines authority** of Scripture (1Kings 17:24; Psa 33:4; 1Thes 2:13; 2 Tim 3:16) **John 17:17** - Sanctify them through thy truth: **thy word is truth**.
5. Eliminates a cogent authority for **morality** (Matt 7:12 – “Golden Rule”; Mark 7:20-23; 1Cor 6:9-11;15:33; Matt 6:24;Gal 5:19-21)
Cf: Evolution (Humanism) favors egoism, hedonism, cheating over self-sacrifice, love, generosity
Eg: Dawkins, *The Selfish Gene* – individuals do not act for the good of the species
6. Presumes (even **self**) **improvement** in man’s condition, contradistinction to sin’s deterioration (2nd Law)
7. **No purpose** - Nobel Laureate Stephen Weinberg: “ the more the universe is comprehensible, the more it also seems pointless”
8. Where else could it have **begun** (“singularity”)?
9. Evolution (and its repercussions) **is wasteful** - 1Cor 14:33a - For God is not the author of confusion, but of peace....
10. No **judgment** for unbelief (or redemption for belief)!



Outline of Scriptural Basis of Creationism

1. **God said so; Jesus verbatim quotations; Truth of Scripture**
2. God predicted disbelief (sin)
 1. Decay, 2nd Law is apparent in history
 2. Consequences of unbelief in God, Scripture
3. God is able; greater than the Creation; eternal
 1. His work is good, and there is more to come!
4. God has made it for believers and unbelievers to see
 1. His “track record” (fulfilled prophecy) is flawless
5. Admonitions/consequences against compromise and humanism
6. Fruits of belief in Creation/Scriptural truths – knowledge, evangelism

God said so!

- ▶ Genesis 1:1- In the beginning **God created** the heaven and the earth.
- ▶ John 1:3 - All things were **made by him**; and without him was not any thing made that was made.
- ▶ **Even verbatim from Jesus:**
 - ▶ Mark 13:19 – For in those days shall be affliction, such as was not from the beginning of the creation which God created unto this time, neither shall be.
 - ▶ Luke 11:50-51 – That the blood of all the prophets, which was shed from the foundation of the world, may be required of this generation;
- ▶ **If we cannot believe Genesis, how can we believe the rest of Scripture - or anything?**
 - ▶ John 3:12 - If I have told you earthly things, and ye believe not, how shall ye believe, if I tell you of heavenly things?
 - ▶ Psalm 19:7-9- The law of the Lord is perfect, converting the soul: the testimony of the Lord is sure, making wise the simple.
 - ▶ 1 Cor 15:14 - And if Christ be not risen, then is our preaching vain, and your faith is also vain.



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Satan is the father of unbelief, lies...

Satan understands the foundational importance of Creation

- ▶ Being created, he is not like God – not omniscient, omnipresent, omnipotent, omnisapient
- ▶ Satan was created (an angel), so he was not from eternity (NOT a good witness!)
 - ▶ Rebelled and fell:
 - ▶ Isa 14:12 - How art thou **fallen from heaven, O Lucifer**, son of the morning! how art thou cut down to the ground, which didst weaken the nations!
 - ▶ Rev 12:9 - And the great dragon was cast out, that old serpent, called the Devil, and Satan, which deceiveth the whole world: he was **cast out into the earth, and his angels were cast out with him.**
- ▶ He is the biggest liar, telling the biggest lie
 - ▶ Luke 1:6 - And the devil said unto him, All this power will I give thee, and the glory of them: for that is delivered unto me; and **to whomsoever I will I give it.**
 - ▶ Ecc 2:2 - Wherein in time past ye walked according to the course of this world, according to the prince of the power of the air, **the spirit that now worketh in the children of disobedience:**
- ▶ But he will be judged (like all he deceived)
 - ▶ John 12:31 - Now is the judgment of this world: now shall the **prince of this world be cast out.**
 - ▶ John 16:11 = 1John 5:19 - Of judgment, because the **prince of this world is judged.**

Predictions of unbelief of God's Word

▶ Dismissal/rejection/unbelief of God/truth:

- ▶ 2Pet 3:3-5 - Knowing this first, that there shall come in the last days **scorners, walking after their own lusts**,⁴ And saying, Where is the promise of his coming? for since the fathers fell asleep, **all things continue as they were from the beginning of the creation**.⁵ For this **they willingly are ignorant** of, that by the word of God the heavens were of old, and the earth standing out of the water and in the water:

▶ Science/scientists' knowledge as a god:

- ▶ Rom 1:22 - **Professing themselves to be wise**, they became fools,
- ▶ Rom 1:25 - Who changed the truth of God into a lie, and worshipped and **served the creature more than the Creator**, who is blessed for ever. Amen.
- ▶ 1Cor 8:5 - For though **there be that are called gods**, whether in heaven or in earth, (as there be gods many, and lords many,)
- ▶ Matt 24:24 - For there shall arise **false Christs, and false prophets**, and shall shew great signs and wonders; insomuch that, if it were possible, **they shall deceive the very elect**.

▶ Consequence

- ▶ 1Cor 1:18-21 - For the preaching of the cross is to them that perish foolishness; but unto us which are saved it is the power of God. 19 For it is written, **I will destroy the wisdom of the wise**, and will **bring to nothing the understanding of the prudent**. 20 Where is the wise? where is the scribe? where is the disputer of this world? hath not God made foolish the wisdom of this world? 21 For after that in the wisdom of God **the world by wisdom knew not God**, it pleased God by the foolishness of preaching to save them that believe.
- ▶ Psa 107:10-11 - Such as **sit in darkness** and in the shadow of death, being **bound in affliction and iron**; 11 Because **they rebelled against the words of God**, and contemned the counsel of the most High:
- ▶ Psa 2:1-4 - **Why do the heathen rage, and the people imagine a vain thing?** 2 The kings of the earth set themselves, and the rulers take counsel together, against the Lord, and against his anointed, saying, 3 Let us break their bands asunder, and cast away their cords from us. He that sitteth in the heavens shall laugh: **the Lord shall have them in derision**.

Recognize, avoid Satan deceptions (such as evolution)

- ▶ 2Cor 4:4 –...blinded the minds of **unbelievers**...cannot see the light
- ▶ 2Pet 1:19 – ...prophetic...morning star **rises in your hearts**.
- ▶ Eph 6:12 – struggle...against the powers of this **dark world**...spiritual
- ▶ John 8:44 – (Satan) ...**not holding to truth**...liar...father of lies
- ▶ **But**, we are instructed **how to be protected**,
 - ▶ Eph 6:11 – put on full armor of God...against the devil's schemes
 - ▶ Jas 4:7 – submit...to God. Resist the devil...
- ▶ **Satan is defeated**
 - ▶ Rom 16:20 – God...crush Satan
 - ▶ Rev 20:10 - ...into the lake...tormented...for ever and ever



Admonitions against believer compromise

▶ There are only 2 options (with Him or against Him):

- ▶ 1King 18:21 - And Elijah came unto all the people, and said, How long halt ye between **two opinions?** if **the Lord be God, follow him:** but if Baal, then follow him. And the people answered him not a word.
- ▶ **Live by faith (as defined in God's Word):**
 - ▶ Heb 10:38 - Now the just shall **live by faith:** but if any man draw back, my soul shall have no pleasure in him...
 - ▶ Col 1:20 And, having made peace through the blood of his cross, by him **to reconcile all things unto himself;** by him, I say, whether they be things in earth, or things in heaven.
- ▶ **Worship/Trust in the one true God:**
 - ▶ Acts 17:23-25 - For as I passed by, and beheld your devotions, I found an altar with this inscription, To The Unknown God. Whom therefore ye ignorantly worship, him declare I unto you.²⁴ God that made the world and all things therein, **seeing that he is Lord of heaven and earth,** dwelleth not in temples made with hands;²⁵ Neither is worshipped with men's hands, as though he needed any thing, seeing he giveth to all life, and breath, and all things;
- ▶ John 5:46-47 - For had ye believed Moses, ye would have believed me; for he wrote of me.⁴⁷ **But if ye believe not his writings, how shall ye believe my words?**

What about “bad” things?

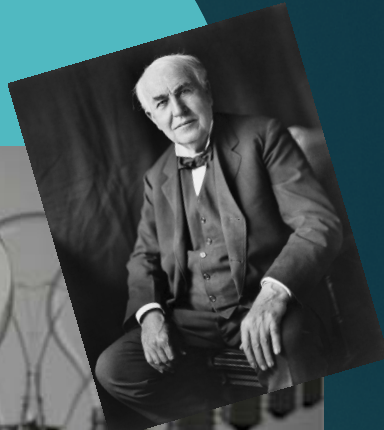
- ▶ **Sin entered into the world** – Rom 5:12: Wherefore, as by one man sin entered into the world, and death by sin; and so death passed upon all men, for that all have sinned:
- ▶ After Fall, species adapted for a fallen world
 - ▶ Weeds- changed ecosystem, sources of nutrition (Gen 3:18)
 - ▶ Pathogens (bacteria, fungi, viruses, parasites, etc)
 - ▶ “Invasive” species
 - ▶ Eg venomous snakes - ?developed poison glands after Fall, ?repurposed, ?genetic info not expressed until after Fall
 - ▶ Viruses (disease, but also therapeutics)
 - ▶ Cancer – genetic deterioration 2/2 the Curse
 - ▶ Isa 55:8-9 – 8 For my thoughts are not your thoughts, neither are your ways my ways, saith the Lord.9 For as the heavens are higher than the earth, so are **my ways higher than your ways, and my thoughts than your thoughts.**
- ▶ **Prov 3:5 - Trust in the Lord with all thine heart; and lean not unto thine own understanding.**

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Creator is greater than the creation

- ▶ Rom 9:20 - Nay but, O man, who art thou that repliest against God? Shall the thing formed say to him that formed it, Why hast thou made me thus?
- ▶ Rom 1:25 - Who changed the truth of God into a lie, and worshipped and served the creature more than the Creator, who is blessed for ever. Amen.



So why don't even some Christians accept God as Creator?

He has the prerequisites...

The Beginning – God is eternal

- ▶ John 1:1 - **In the beginning** was the Word, and the Word was with God, and the Word was God.
- ▶ Psa 90:2 - Before the mountains were brought forth, or ever thou hadst formed the earth and the world, **even from everlasting to everlasting**, thou art God.
- ▶ Prov 8:22-23 - The Lord possessed me **in the beginning** of his way, before his works of old. 23 I was set up from everlasting, from the beginning, or ever the earth was.
- ▶ Rev 1:8 - I am Alpha and Omega, the **beginning** and the ending, saith the Lord, which is, and which was, and which is to come, the Almighty.

Creation as a finished work (past) (conservation, eg 1st Law of Thermodynamics)

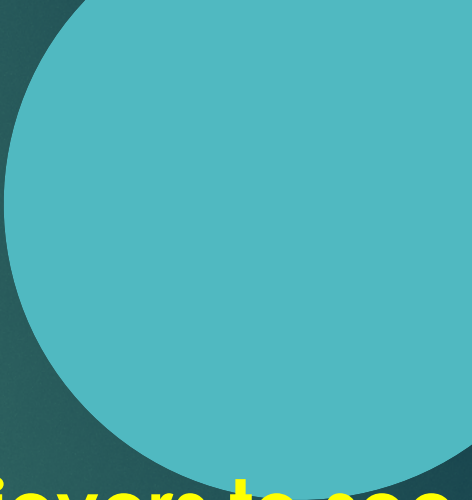
- ▶ Gen 1:31 – “it **was** very good”
- ▶ Gen 2:1-3 - Thus the heavens and the earth **were finished**, and all the host of them. ² And on the seventh day God ended his work which he had made; and he rested on the seventh day from all his work which he had made. ³ And God blessed the seventh day, and sanctified it: because that in it he had rested from all his work which God created and made.
- ▶ 2Pet 3:5 – For this they willingly are ignorant of, that **by the word of God the heavens were of old**, and the earth standing out of the water and in the water:
- ▶ Heb 4:3 - For we which have believed do enter into rest, as he said, As I have sworn in my wrath, if they shall enter into my rest: although **the works were finished** from the foundation of the world.
- ▶ Heb 4:10 - For he that is entered into his rest, he also hath **ceased from his own works**, as God did from his.

Miracles – a problem to explain?

- ▶ Definition: An event outside the fundamental laws of nature or its processes
- ▶ Some 234 recorded in Scripture
 - ▶ 38% creative, 55% providential, 7% demonic
- ▶ Examples: water to wine, healings, feeding of 5000, walk on water/ascension, oil increased, parting of waters
 - ▶ Certain forms: dreams, prophecies, theophanies- SALVATION!
 - ▶ Demonic: counterfeit creation/providence (Exod 7:11-12, 2Thes 2:9)
 - ▶ Some outside of all reason (virgin birth); some intuitively very unlikely but possible (Jonah in the whale)
- ▶ Supernatural: require faith; **no explanation outside of belief**
 - ▶ Isa 55:8-9: For my thoughts are not your thoughts, neither are your ways my ways, saith the LORD.⁹ For as the heavens are higher than the earth, so are **my ways higher than your ways**, and my thoughts than your thoughts.

God is able!

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- 

“Revelation” of Creation- to the believing

▶ **We can become wise:**

- ▶ Psa 19:7 - The law of the Lord is perfect, converting the soul: the testimony of the Lord is sure, **making wise the simple.**

▶ **His glory and righteousness demonstrated:**

- ▶ Psa 19:1- The heavens **declare the glory of God**; and the firmament sheweth his handywork.
- ▶ Psa 97:6 - The heavens **declare his righteousness**, and all the people see his glory.


“Revelation” of Creation – to the unbelieving

- ▶ Rom 1:18 - For the wrath of God is revealed from heaven against all ungodliness and unrighteousness of men, who hold the truth in unrighteousness;
- ▶ Rom 1:20 - For the invisible things of him from the creation of the world are clearly seen, being understood by the things that are made, even his eternal power and Godhead; so that they are without excuse:
- ▶ John 1:5 - And the light shineth in darkness; and the darkness comprehended it not.

Fulfilled prophecies validate historical veracity

- ▶ J Barton Payne (Encyclopedia of Prophecy, 2020):
 - ▶ 6641 of 23210 of OT verses have prophecy
 - ▶ Many (~80%) fulfilled in great detail: A key validation of Scripture
- ▶ So why not believe statements that refer to past?

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Evolutionary ideology is doomed to be wrong

- ▶ Matt 7:17 - Even so every good tree bringeth forth good fruit; but a corrupt tree bringeth forth **evil fruit**.
- ▶ James 3:12 - Can the fig tree, my brethren, bear olive berries? either a vine, figs? so can **no fountain both yield salt water and fresh**.

Doesn't it take more faith to believe evolution? Evolution is a religion in its own right?

- ▶ Klein (author): I am an atheist. My attitude is not based on science but rather on **faith**...absence of a Creator, the non-existence of God...**my adult belief, unshakable and holy.**

Dangers of consensus as truth

- ▶ “Conventional Wisdom” can impede progress

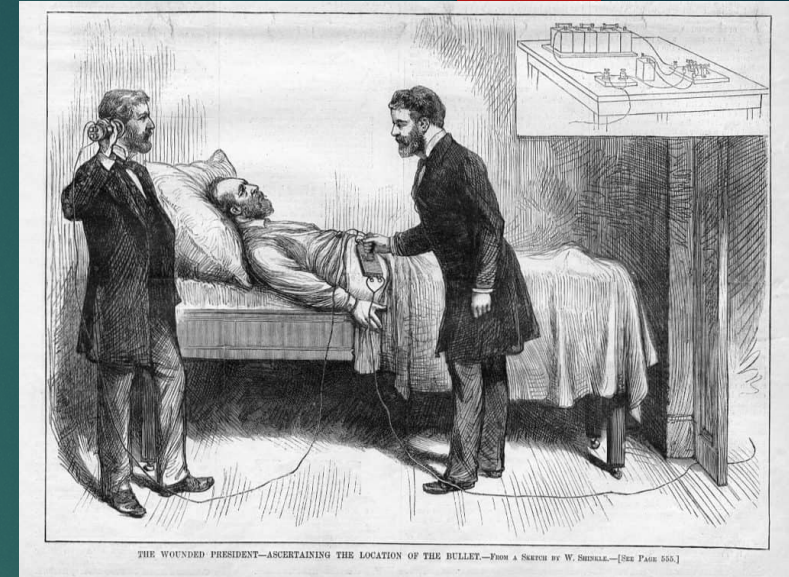
- ▶ Exod 23:2 “...shall not follow a multitude to evil”
- ▶ Eg Covid response; G Washington’s death

- ▶ Unquestioned authority can be harmful

- ▶ James Garfield death from Dr. Willard Bliss’s attitudes
- ▶ Totalitarian regimes


- ▶ Stifles innovation

- ▶ H Ford: “if I had asked people what they wanted, they would have said faster horses” (he may never have actually said this!)
- ▶ S Jobs:
 - ▶ “I’m as proud of many of the things we haven’t done as the things we have done. Innovation is saying no to a thousand things.”
 - ▶ A lot of times, people don’t know what they want until you show it to them”



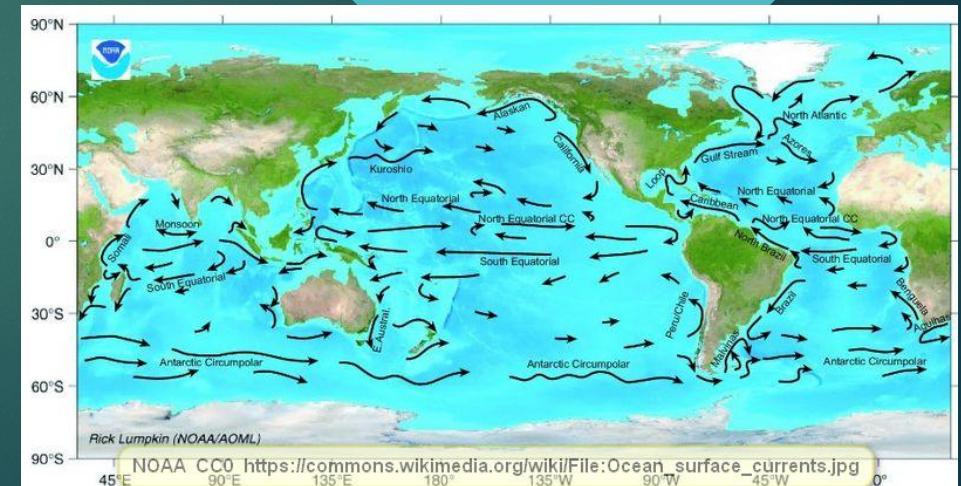
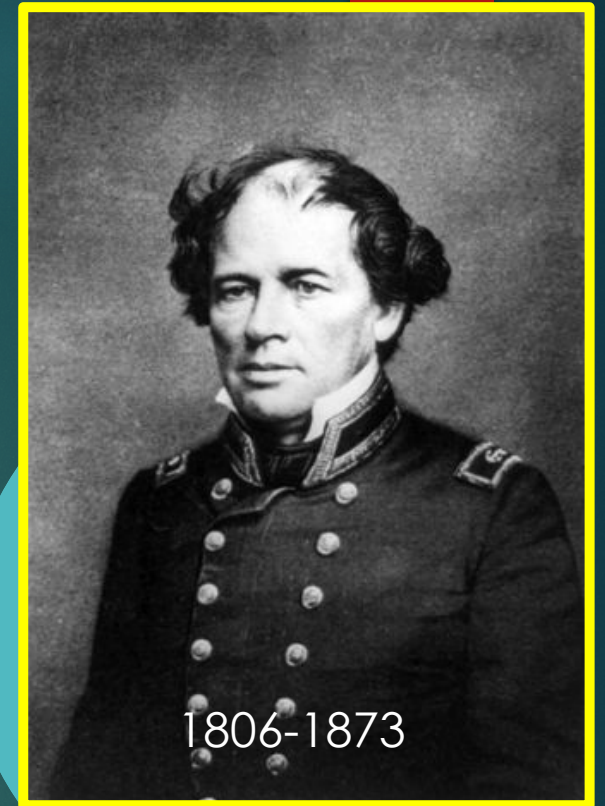
Alexander Graham Bell

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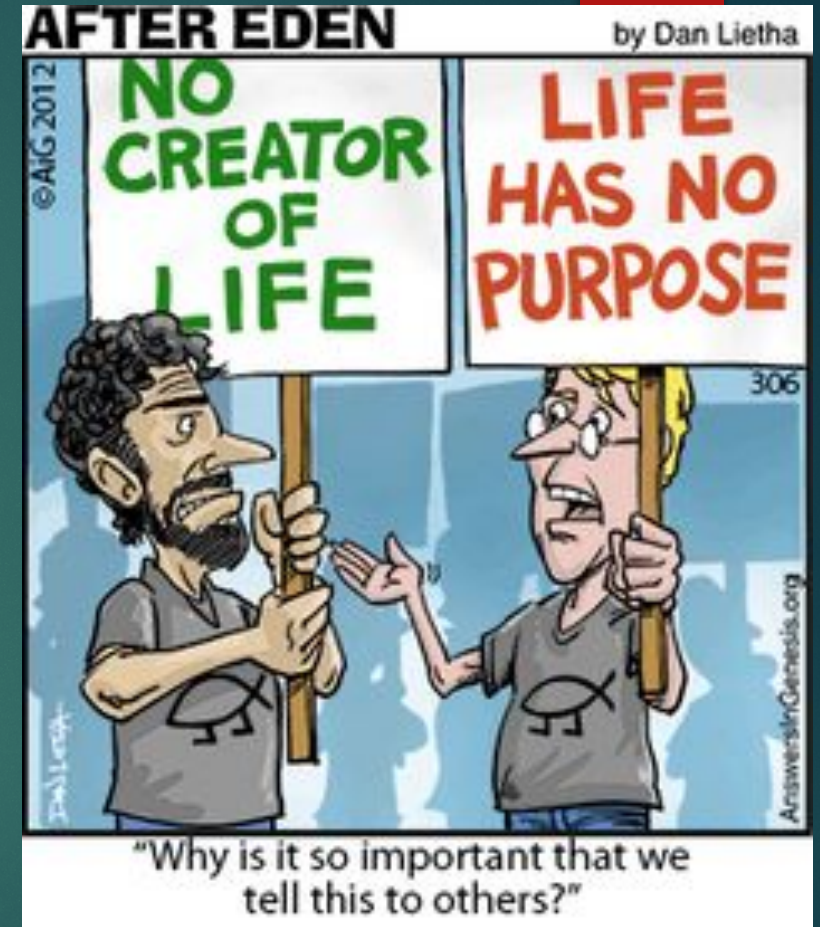
Creation can teach us

- ▶ Job 12:7-8- 7 But ask now the beasts, and **they shall teach thee**; and the fowls of the air, and they shall tell thee: 8 Or speak to the earth, and **it shall teach thee**: and the fishes of the sea shall declare unto thee.
- ▶ Isa 55:9 - For as the heavens are higher than the earth, so are my ways higher than your ways, and my thoughts than your thoughts.
 - ▶ Discovery of Ocean currents
 - ▶ **Matthew Maury** (US Navy, Civil War) (father a Reverend, teacher of T Jefferson), oceanographer; superintendent of US Naval Observatory
 - ▶ Psa 8:8 - The fowl of the air, and the fish of the sea, and whatsoever passeth through the **paths of the seas**.
 - ▶ Circle of the Earth (sphere vs orbit?); Seen and unseen – atoms or dark matter



Creation Evangelism

- ▶ Establishment of absolutes
- ▶ Word of God as true, reliable, consistent
- ▶ Reinforce most major doctrines – sin then death
- ▶ Better explanation for origins and Flood
- ▶ Common starting ground of some religions and beliefs
- ▶ Appeals to “science”
- ▶ Testimonies of value in church planting



We are advised to know these things!

- ▶ 1Pet 3:15 - But sanctify the Lord God in your hearts: and **be ready always to give an answer to every man that asketh** you a reason of the hope that is in you with meekness and fear:
- ▶ Not to be ignorant, even of science things:
 - ▶ Isa 1:18 - Come now, and let us **reason together**, saith the LORD: though your sins be as scarlet, they shall be as white as snow; though they be red like crimson, they shall be as wool.

Summary – Theology of Creationism/Evolution

- ▶ Creation
 - ▶ is at the heart of **scriptural authority**
 - ▶ creation is the foundation of all major doctrines (beginning in Genesis!)
- ▶ Evolution
 - ▶ is the epitomy of **unbelief and sin**
 - ▶ violates major scriptural principles
 - ▶ Death before sin, man improving, man no need of God, God not all powerful
- ▶ Heb 11:1, 3 - **1** Now faith is the substance of things hoped for, the evidence of things not seen...³Through faith we understand **that the worlds were framed by the word of God**, so that things which are seen were not made of things which do appear.
 - ▶ Note: worlds = (*aion*) forever, unbroken age, pertetuity of time, universe- **God made forever!**
 - ▶ Framed = (*katartizo*) mend, render, fit, (repair, complete, equip), prepare, restore, **perfectly join together, to perfect, to make you perfect**
 - ▶ **GOD CREATED THE WORLD EXACTLY TO HIS PURPOSE, IN EVERY DETAIL!**
- ▶ 1Thes 5:21 - Prove all things; **hold fast that which is good.**

Rom 1:16 - For I am not ashamed of the gospel of Christ: for it is the power of God unto salvation to every one that believeth; to the Jew first, and also to the Greek.

Luke 9:20 - He said unto them, But whom say ye that I am? Peter answering said, The Christ of God.

Scientific Creationism vs Evolution: Purpose

In the beginning: Both are theories



- ▶ We can't experimentally recreate
- ▶ We can't observe it happening
- ▶ Requires inferences from existing data
- ▶ Wide ranging implications: sociological, theological, scientific
- ▶ ***Which theory explains the facts best?***
- ▶ **A MOUNTAIN RANGE of evidence!**

Francis Bacon (1561-1626)

