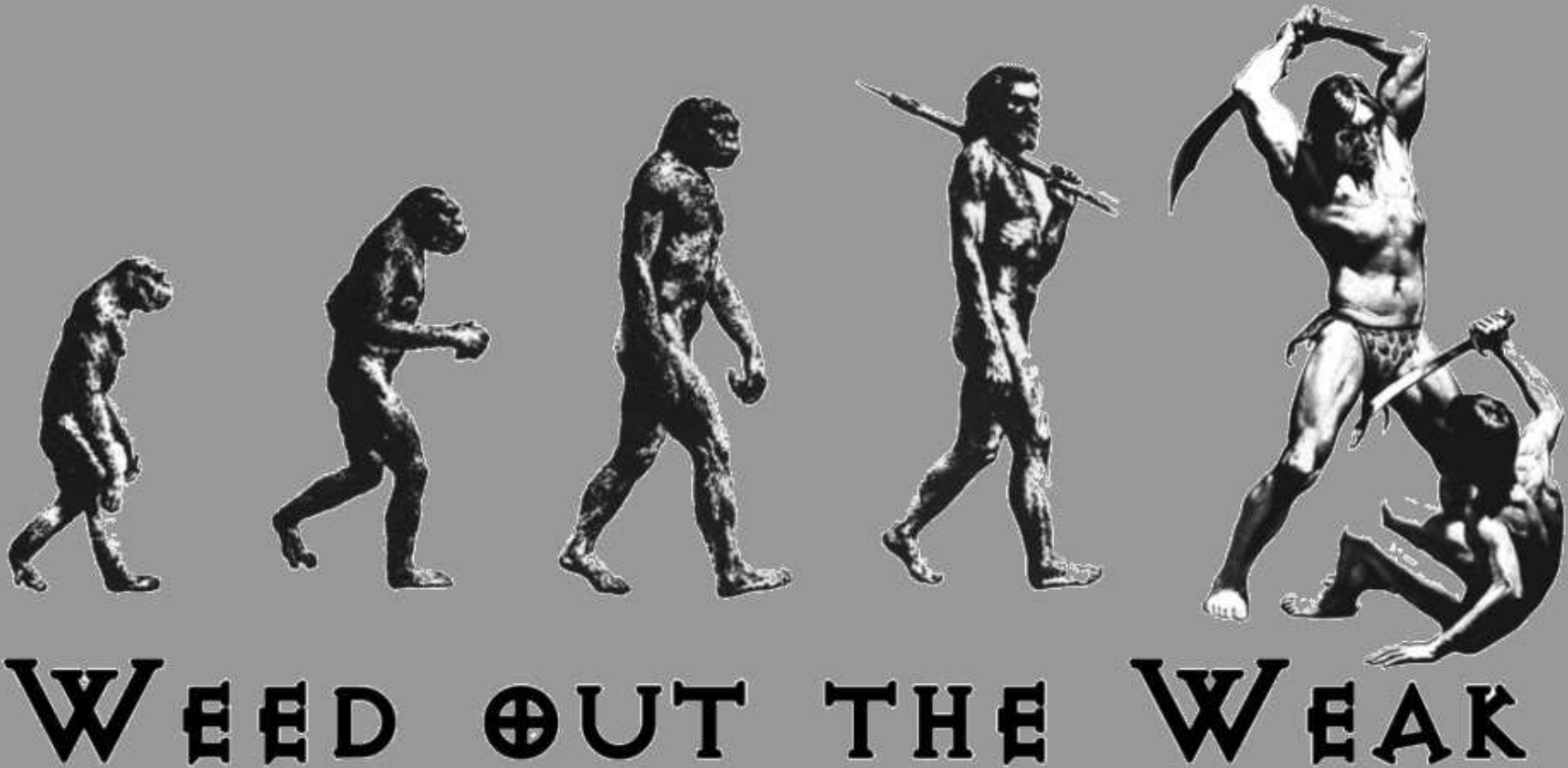


# Weaknesses of Darwinian Evolution

April 3, 2010

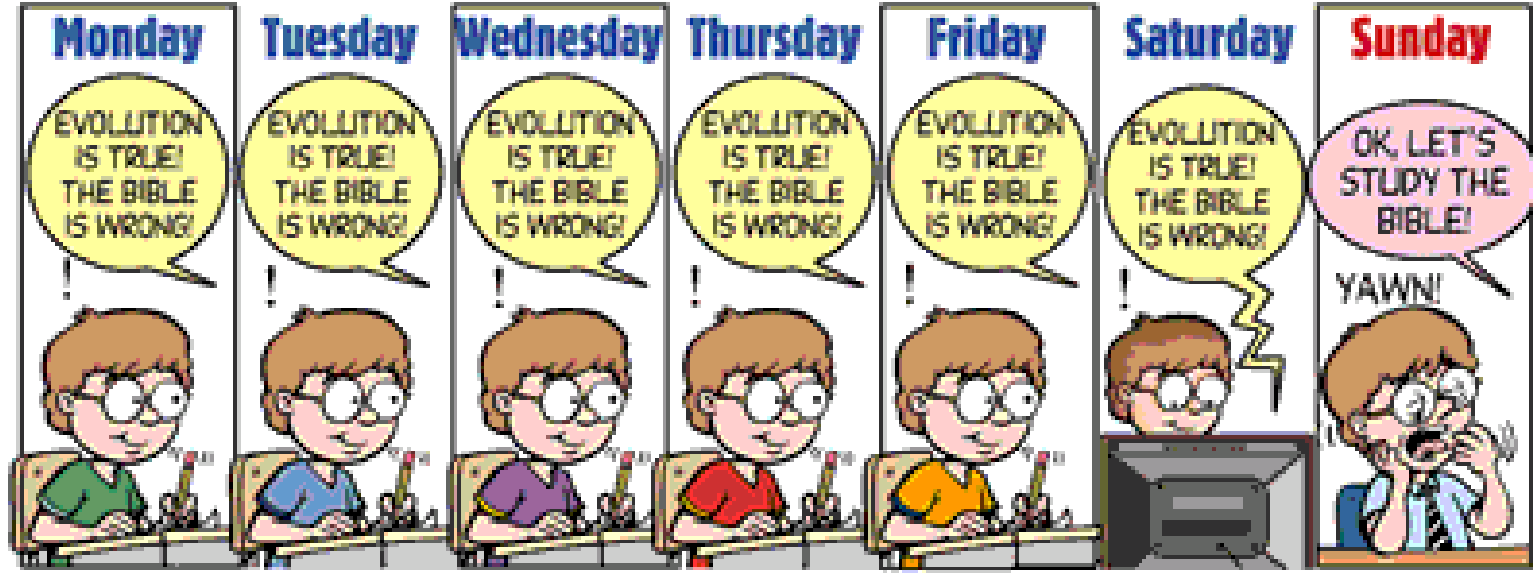


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## **Weaknesses of Darwinian Evolution We Will Learn About in This Lesson**

- A) No Utilization of the Scientific Method**
- B) Use of Circular Reasoning**
- C) Opposition from Experts in the Highest Tiers of Science (e.g., National Academy of Sciences, Nobel Laureates, and Ivy League Professors)**
- D) Darwinists were Previously Willing to Debate but Now Refuse to Debate Creationists Because it Weakens their Cause**

**CREATIONWISE** Dan Lietha



The week by week weakening of "Christian" kids across the country.

**LET THERE BE TRUTH**



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DAN LIETHA

# AFTER EDEN

by Dan Lietha

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THIS MORNING I'LL BE READING  
THE CREATION STORY FROM  
THE BOOK OF GENESIS, AND  
THEN REFUTE IT WITH THE  
LATEST FINDINGS FROM  
SECULAR SCIENCE, AND  
THEN BACK THAT UP BY  
QUOTING THEOLOGIAN'S  
THAT DON'T BELIEVE THE  
BIBLE ANYWAY ...

248

Dan Lietha

Jeremiah 17:9

You'll probably never hear a preacher  
say this is what he's going to do, but...

# Slandering Creationists

**“How can you honestly deny science and be so ignorant to the obvious truth about our beginnings? . . . stop leading people in nonsense and lies. If anyone has half a brain they’re going to listen to science for truth and not 4,000 year old stories written by goat herders.”**

Credit: Jason Lisle, *Ultimate Proof of Creation*. 2009. New Leaf Publishing Group: Green Forest, AR.

**“D.N.A. That’s all the proof you need expletive deleted, expletive deleted.”**

# What Is Creation Science?

"We have no basis on the record to conclude that **creation science** need be anything other than **a collection of scientific data supporting the theory that life abruptly appeared on the earth.**"

- Justices Antonin Scalia and William Rehnquist, *Edwards vs. Aguillard, Dissent (1987)*.

# **What is Evolution?**

**(AKA, Naturalistic Evolution, Neo-Darwinism, Darwinism, or The General Theory of Evolution)**

The philosophy that all life on earth gradually evolved from a single-celled organism by means of random mutations and natural selection (i.e., survival of the fittest). AKA, “particles to people” or “molecules to man.”



# I. The History of Darwinian Evolution

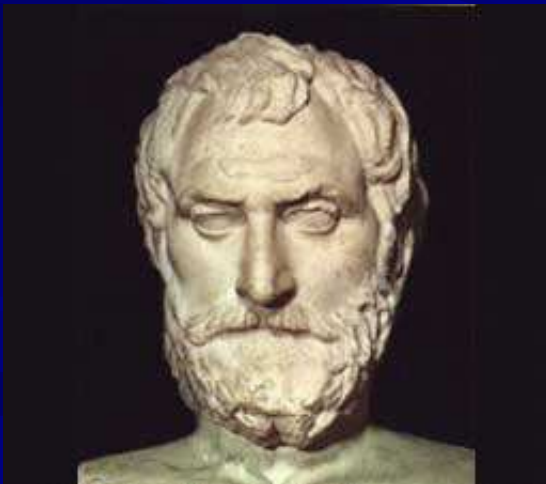
Men have been trying to explain God away for over 3,000 years

1) **Psalms 14:1; 53:1**

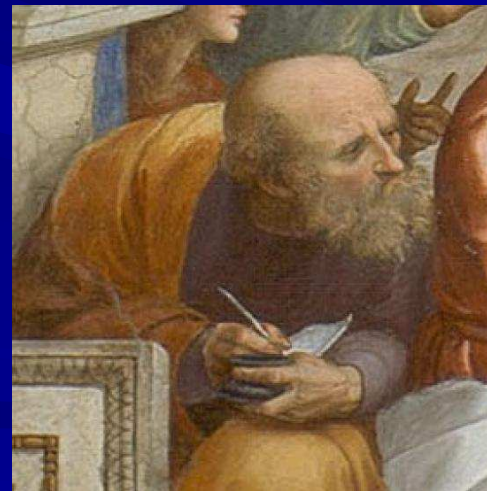
2) **Ancient Greeks: Thales (588 B.C.)**

**Anaximander (570 B.C.); Empedocles (455**

**B.C.); Democritus (420 B.C.); Strato (288 B.C.)**



**Thales, 588 B.C.**

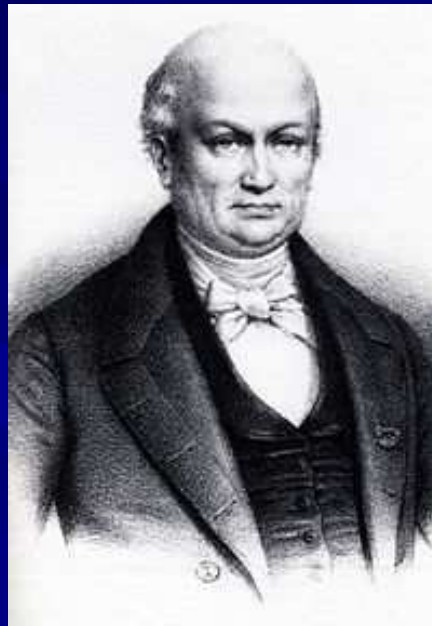


**Anaximander, 570 B.C.**

## Evolution Proposed Prior to Charles Darwin



**Jean-Baptiste Lamarck (1744-1829)**



**Geoffroy Saint-Hilaire (1772-1844)**



**Robert Grant (1793-1874)**



**Alfred Russel Wallace (1823-1913)**



**Erasmus Darwin (1731-1802)**

ON  
**THE ORIGIN OF SPECIES**

BY MEANS OF NATURAL SELECTION,

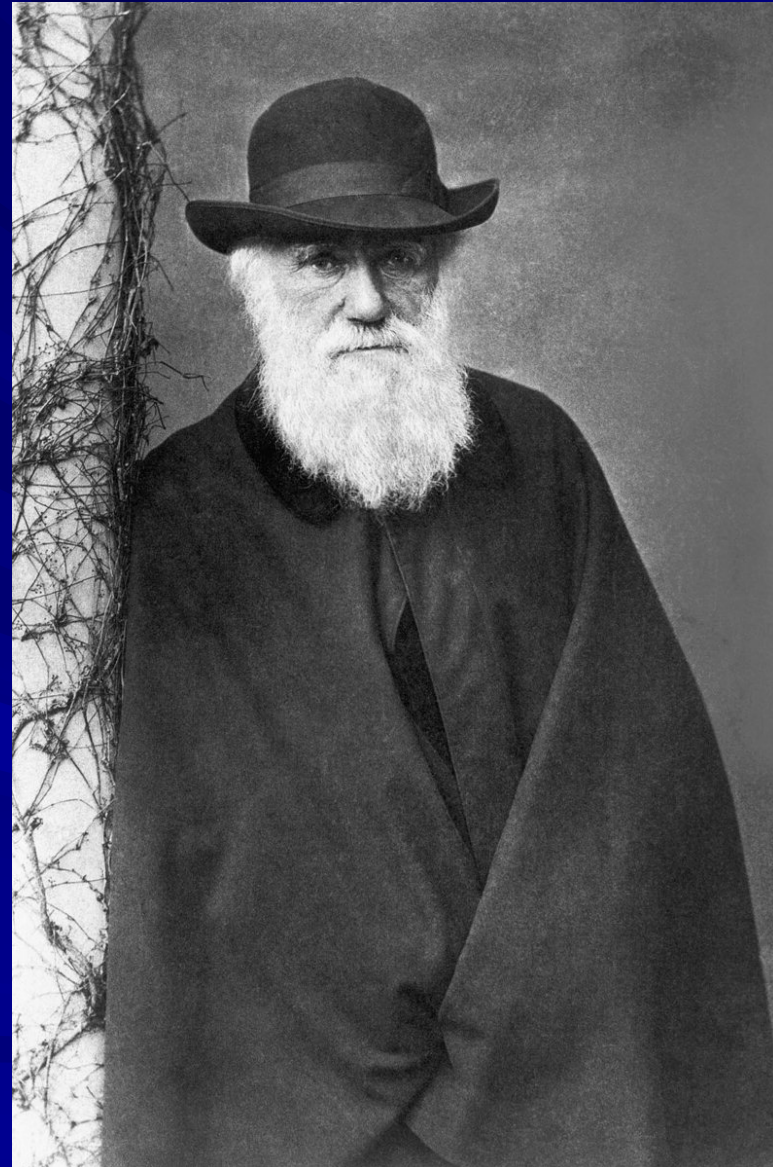
OR THE  
PRESERVATION OF FAVOURED RACES IN THE STRUGGLE  
FOR LIFE.

By **CHARLES DARWIN, M.A.,**

FELLOW OF THE ROYAL, GEOLOGICAL, LINNEAN, ETC., SOCIETIES;  
AUTHOR OF 'JOURNAL OF RESEARCHES DURING H. M. S. BEAGLE'S VOYAGE  
ROUND THE WORLD.'

**LONDON:**  
**JOHN MURRAY, ALBEMARLE STREET.**  
1859.

*The right of Translation is reserved.*



## **II. Principle #1**

**a.** Change (microevolution) occurs within animal kinds (i.e., groups or types, within phylogenetic boundaries, aka variation within a kind) – “horizontal evolution”

**b.** Microevolution does not cross phylogenetic boundaries into macroevolution (i.e., animals do not change outside their kind) – “vertical evolution”

## **Gen. 1:21, 24, 25**

*“So God created great sea creatures and every living thing that moves, with which the waters abounded, according to their **kind**, and every winged bird according to its **kind**. And God saw that it was good.”*

*“Then God said, “Let the earth bring forth the living creature according to its **kind**: cattle and creeping thing and beast of the earth, each according to its **kind**; and it was so. And God made the beast of the earth according to its **kind**, cattle according to its **kind**, and everything that creeps on the earth according to its **kind**. And God saw that it was good.”*

**Note: “Min” is the Hebrew word for “kind.”**

# Canidae *Canis*

Sdsnake.com

animals.nationalgeographic.com

daveparsons.com



**Coyote**



**Wolf**



**Jackal**

# Canidae *Canis*

[Sciencetrio.wordpress.com](http://Sciencetrio.wordpress.com)



## Coywolf

# Canidae *Canis lupus rufus*



**Red Wolf**

[Wikipedia.com](https://en.wikipedia.org/wiki/Canis_lupus_rufus)



# What We Don't See

# What We Don't See: A Rhinebra



[www.worth1000.com/hosted/tutorials/151216\\_copy\\_57200524520PM\\_1c\\_finished.jpg](http://www.worth1000.com/hosted/tutorials/151216_copy_57200524520PM_1c_finished.jpg)

# Ceratopsia

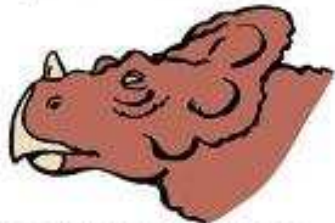
A few examples



Triceratops



Leptoceratops



Montanoceratops



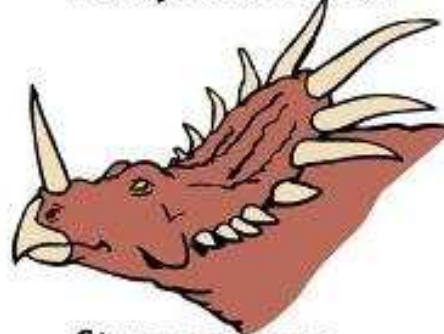
Eoceratops



Pentasaurus



Pachyrhinosaurus



Styracosaurus



Torosaurus



Anchiceratops



Chasmosaurus



Centrosaurus

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**Infraorder of Related Dinosaurs**

**CREATIONWISE**

THE BIBLE IS 100% TRUTH, FROM START TO FINISH!



**LATER** THE BIBLE HAS SOME MYTHS, BUT IS MOSTLY TRUE!



**LATER** THE BIBLE HAS LOTS OF MYTHS AND SOME TRUTH.



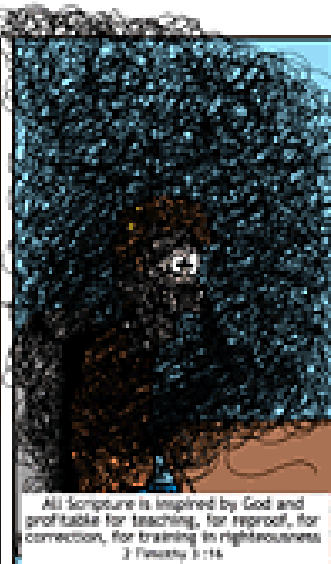
**LATER**

HOGWASH!



**SAD BUT TRUE - THIS KIND OF EVOLUTION DOES HAPPEN!**

## CREATIONWISE



**Darwinian Evolution Is Not  
Scientifically Testable (Falsifiable)**

# True Science Must be Falsifiable

- Falsifiability is the the logical possibility that an assertion could be shown false by a particular observation or physical experiment.
- If an assertion cannot be falsified then it is always assumed to be true, regardless of what variables are changed in the experiment.
- Example: “Cyanide consumption will kill rabbits.”
- This is scientific because it can be falsified by running experiment (a) with cyanide and experiment (b) with a placebo.

# **Darwinian Evolution Is Not Scientifically Testable (Falsifiable)**

**The Four-Tiered Scientific Method:**

- 1) Observation of some event in the universe**
- 2) Development of a hypothesis to explain this event**
- 3) Utilization of the hypothesis to design experiments that will prove or disprove the hypothesis**
- 4) Conducting repeatable experiments to validate the hypothesis and compose a theory**



*“On the other hand, it is manifestly **impossible** to reproduce in the laboratory the evolution of man . . . Experimental evolution deals **of necessity** with only the simplest levels of the evolutionary process, sometimes called **microevolution.**”*

- Theodosius Dobzhansky, “On Methods of Evolutionary Biology and Anthropology” (Part I—Biology), *American Scientist* (December 1957), pp. 381-392. –Pioneered *Modern Evolutionary Synthesis* of biology with fruit flies.



***"In accepting evolution as a fact, how many biologists have paused to reflect that science is built upon theories that have been proved by experiment to be correct, or remember that the theory of animal evolution has **never been thus proved?** ... is it then a science or a faith?"***

**- L. Harrison Matthews, (F. R. S.), Introduction to On The Origin of Species, (London: J. M. Dent & Sons, Ltd., 1971).**

*“Our theory of evolution has become ... one which cannot be refuted by any possible observations. . . It is thus ‘**outside of empirical science**’ but not necessarily false. No one can think of ways in which to test it.”*

**- Paul R. Ehrlich, and L. C. Birch, “Evolutionary History and Population Biology,” *Nature*, vol. 214 (April 22, 1967), pp. 349-352.**



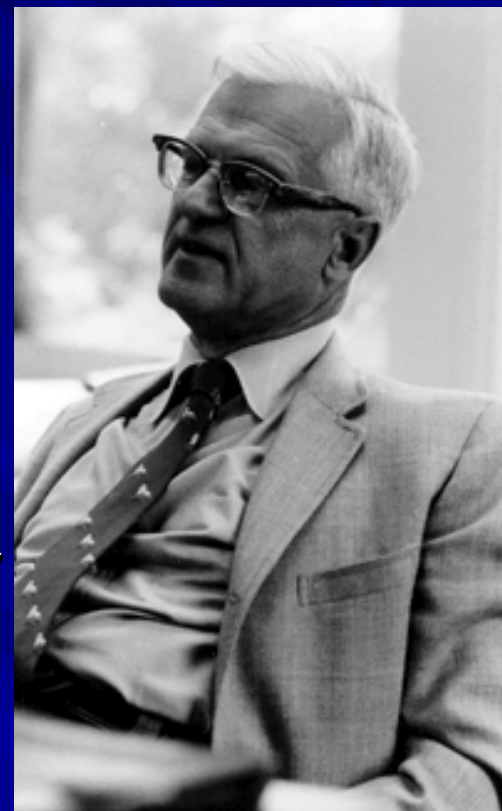


***“The point, however, is that the doctrine of evolution has swept the world, not on the strength of its scientific merits. . . . the theory is **scientifically unverifiable** . . . in the final analysis, evolutionism is in truth a metaphysical doctrine decked out in scientific garb.”***

***-Dr. Wolfgang Smith, (Mathematician, physicist, philosopher) Teilhardism and the New Religion, p. 248, 1988***

*"...it may be more useful to regard the study of evolution as a game rather than as a science. Uncertainties are far greater than might be thought from reading scientific papers and... there is **no agreement** on the rules of the evolutionary game."*

**- S.L. Washburn, "Study of Evolution—More of a Game Than a Science," Abstracts, 71st Annual Meeting (Washington, D.C.: American Anthropological Association, 1972).**



## IV. Darwinian Evolution Is Based on Tautologies

### Tautology:

1. A redundancy, a word defined by itself, circular reasoning.
2. “an unnecessary or unessential. . . repetition of meaning, using different and dissimilar words that effectively say the same thing twice. . . Any argument containing a tautology is flawed and must be considered a logical fallacy. **Consequently the statement conveys no useful information regardless of its length or complexity making it unfalsifiable. It is formulating a description in a way that masquerades as an explanation when the real reason for the phenomena cannot be independently derived.**”  
- Wikipedia

## Example #1 of a Tautology

Tom: “It’s raining outside.”

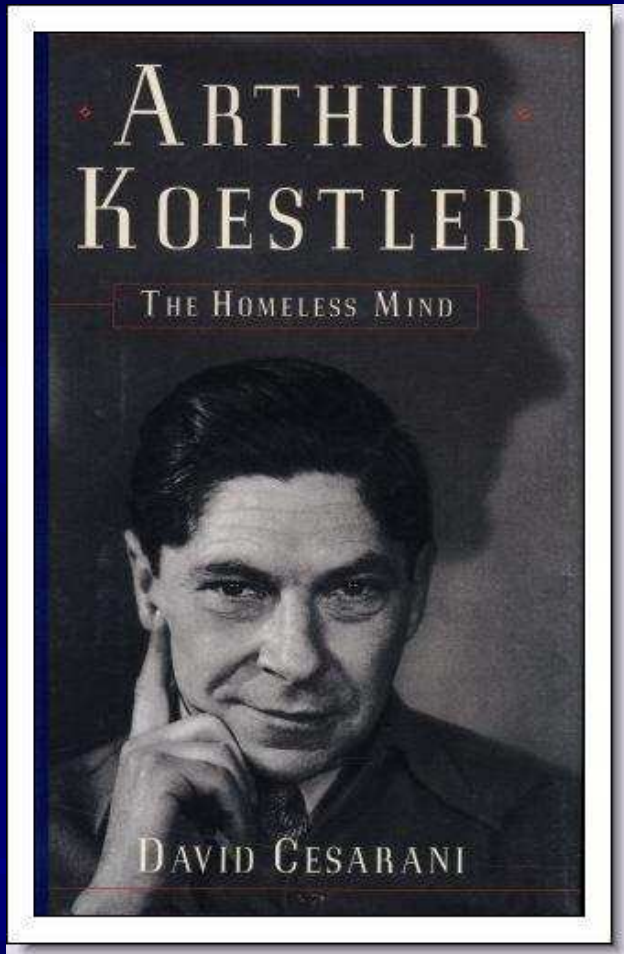
Bob: “How do you know it’s raining outside, Tom?”

Tom: “Because there is water falling from the clouds and because I *said* it’s raining. If it wasn’t raining, I wouldn’t have said it was raining.”

*“One of the most frequent objections against the theory of natural selection is that it is a sophisticated **tautology**. Most evolutionary biologists seem unconcerned about the charge and only make a token effort to explain the **tautology** away. . . . some evolutionary biologists have no qualms about proposing **tautologies** as explanations. . . . no one seems scandalized that men of science should be satisfied with a major principle which is no more than a **tautology**.”*

*-Gregory Alan Pesely, “The Epistemological Status of Natural Selection,” Laval Theologique et Philosophique, vol. 38 (February 1982), pp. 61-74.*





*"...we are caught in a **circular argument** which completely begs the question of what makes evolution evolve... the educated public continues to believe that Darwin has provided all the relevant answers by the magic formula of random mutation plus natural selection... random mutations turned out to be irrelevant and natural selection a **tautology**."*

- Arthur Koestler, Janus: A Summing Up (New York: Vintage Books, 1978), 354 pp.

*“Is the hypothesis of natural selection falsifiable or is it a **tautology**? ... The claim that natural selection is a **tautology** is periodically made in the scientific literature itself.”*

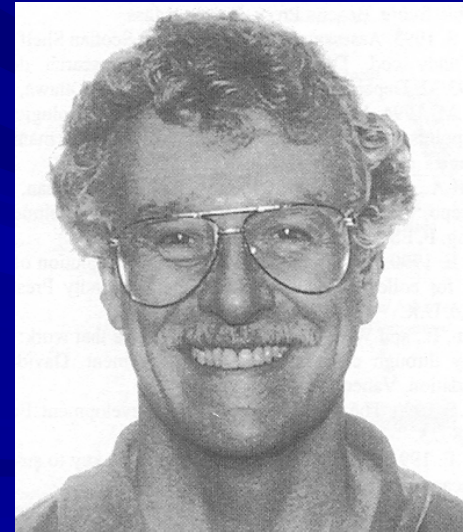
**- Douglas J. Futuyma, Science on Trial (New York: Pantheon Books, 1983), p. 171**



Douglas J. Futuyma  
State University of New  
York, Stony Brook

***“the ‘theory of evolution’ does not make predictions. . . these ‘theories’ are actually **tautologies** and, as such, cannot make empirically testable predictions. They are not scientific theories at all.”***

***- R. H. Peters, “Tautology in Evolution and Ecology,” *American Naturalist*, 110:1-12, (January/February 1976)***



## Example #2 of a Tautology

Tom: “All animals evolved from an original single-celled organism as evidenced in the geologic column.”

Bob: “How did all animals evolved from an original single-celled organism?”

Tom: “By gene mutations and natural selection.”

Bob: “How can you be sure that gene mutations and natural selection morphs one kind of animal into a different kind?”

Tom: “Because in the fossil column we see that all animals evolved from an original single-celled organism.”

**You may be thinking. . .**

**How Could Science Be Wrong?**

## Scientific Hypotheses are Overturned Every Day?

- 1600- Science said the sun revolved around the earth
- 1750- Science said that fire is caused by the release of a substance called phlogiston
- 1800- science treat the ill by bleeding
- 1859- Lamarckian science said that inheritance transmitted by gemules
- 1860- Science said women and African races were evolutionarily and intellectually inferior to white men
- 1940- Lobotomies to treat the mentally ill
- 1960's- Steady state theory of the universe replaced by the "Big Bang" theory
- For over a decade, science said that autism was caused by childhood vaccines, until publication was retracted in 2010
- 20th century eugenics to eradicate genetically "inferior" people
- 21st century eugenics in America to eradicate genetically "inferior" people (**hopefully will one day be denounced**)

# Why Has Darwinism been Accepted?

1. Because we have been *told* we should believe in evolution (the parroting effect).



# V. Why Has Darwinism been Accepted?

1. Because we have been *told* we should believe in evolution (parroting effect).
2. For the sake of conformity.



*“How very few of the leaders in the field of science dare to tell the truth as to the state of their own minds! How many feel themselves forced in public to do **lip service** to a cult that they do not believe in”*

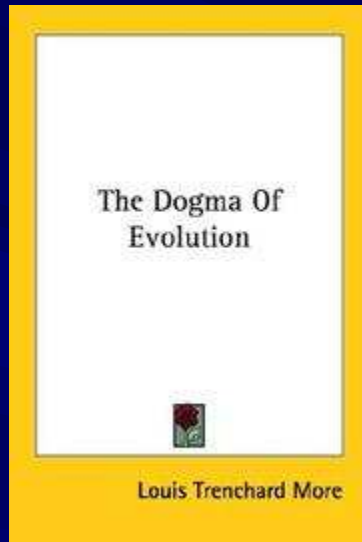
*- Dr. Thomas Dwight, **Thoughts of a Catholic Anatomist, 1911***

# Examples of the Majority Opinion Trumping the Truth

- Lack of majority opposition to the Holocaust in many Nazi-occupied countries
- Lack of majority opposition to lynching innocent people at one time in this country
- Lack of majority opposition to abortion

# V. Why Has Darwinism been Accepted?

1. Because we have been *told* we should believe in evolution (the parroting effect)
2. For the sake of conformity
3. Because of a bias against divine creation.



***“Our faith in the idea of evolution depends on our reluctance to accept the antagonistic doctrine of special creation”***

***-Dr. Louis Trenchard More, *The Dogma of Evolution*, 1925***

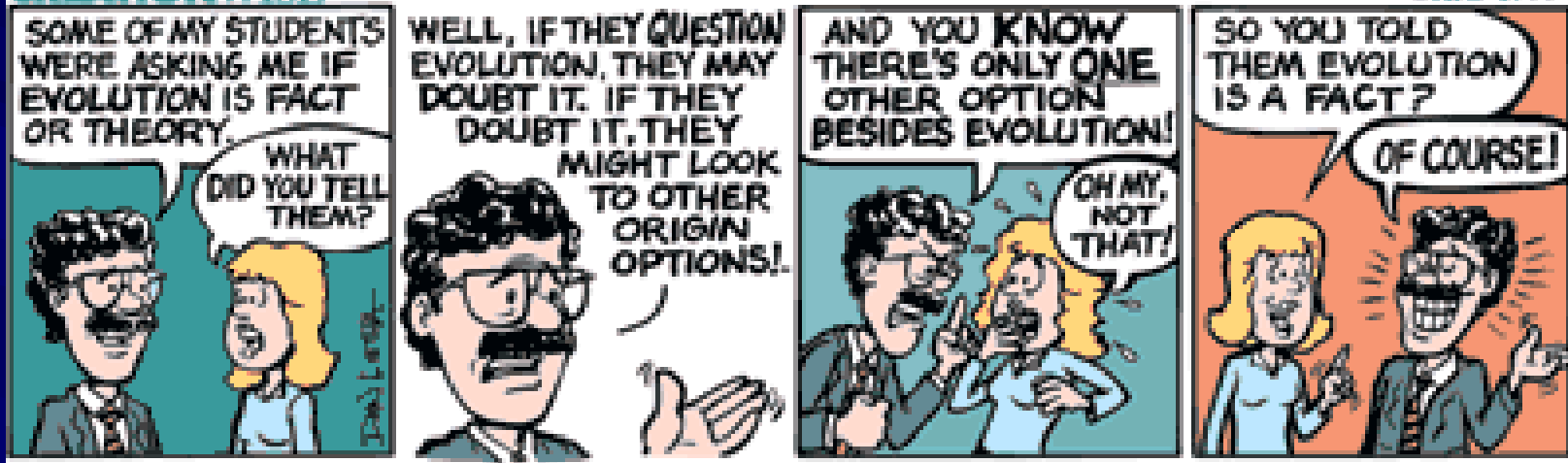
***“... evolution itself, a theory universally accepted not because it can be proved by logically coherent evidence to be true but because the only alternative, special creation, is clearly incredible.”***

**- D.M.S., Watson, “Adaptation,”  
*Nature*, 124:231-234, 1929.  
(Professor, University College,  
London)**



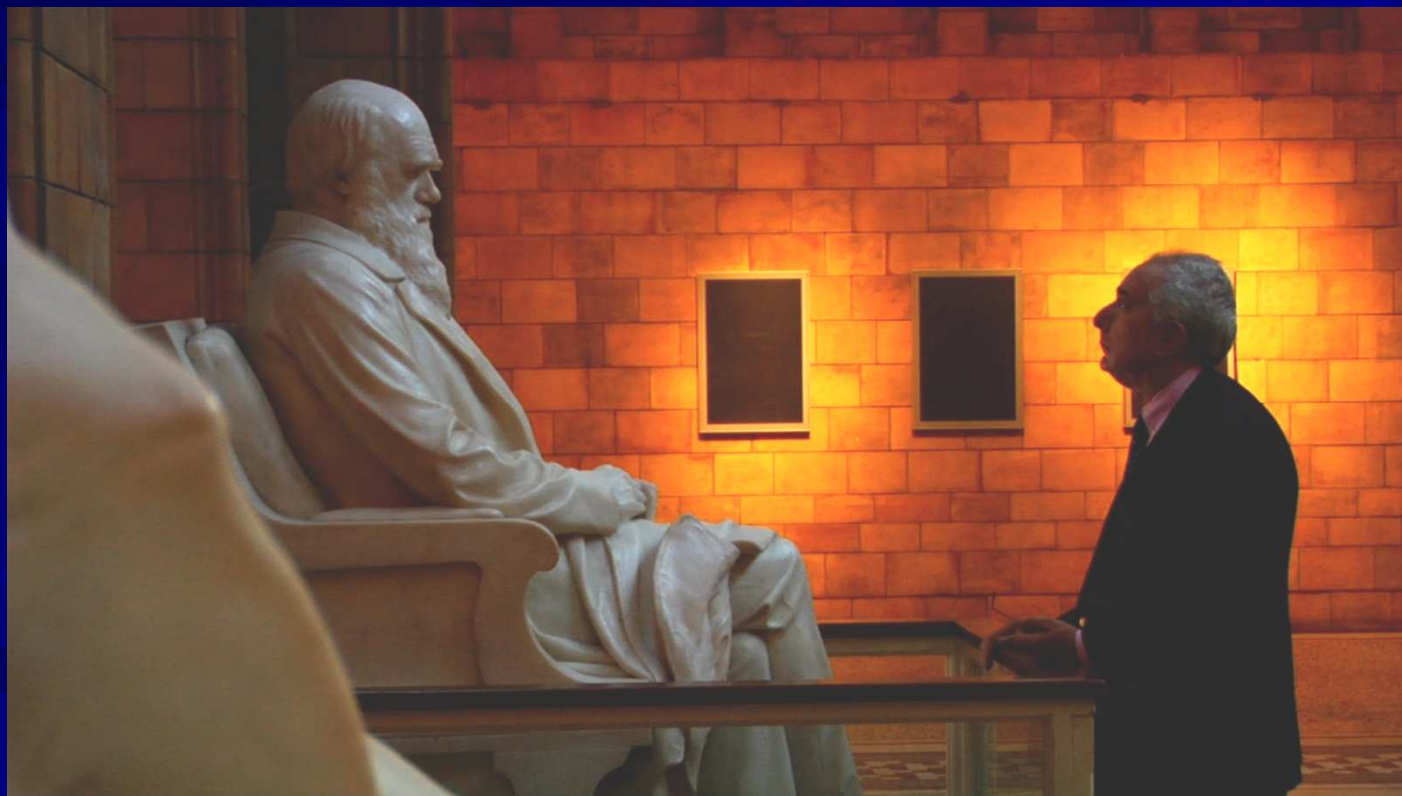
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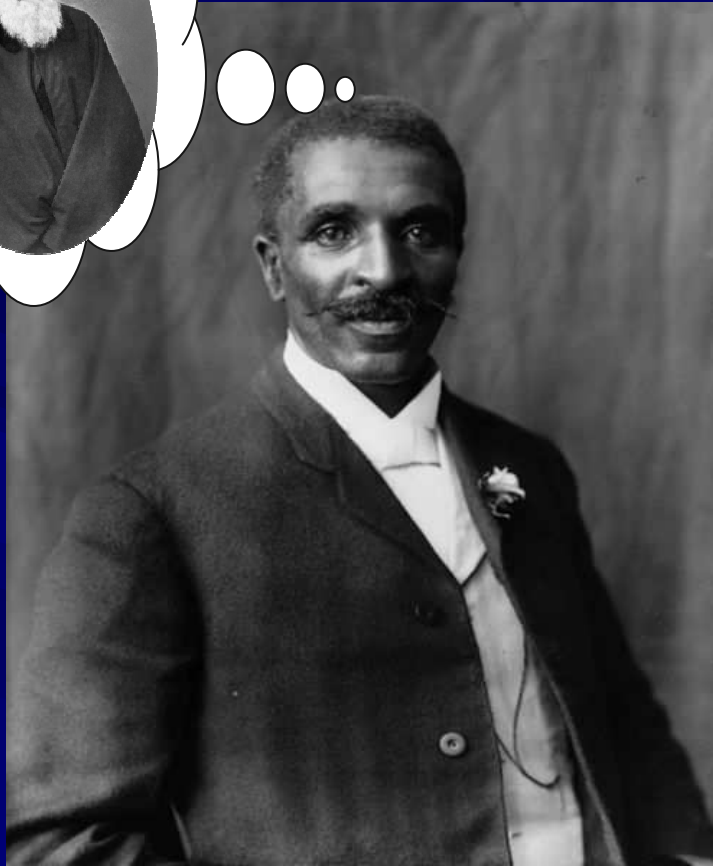
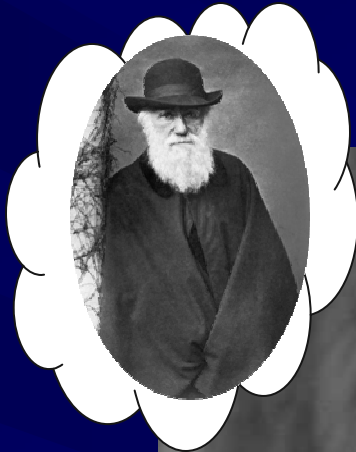
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# Take-Home Point

Intellectuals and Scholars from the Highest Tiers of Science and Medicine Reject Darwinian Evolution





**George Washington Carver  
(Father of African American  
Scientists)**

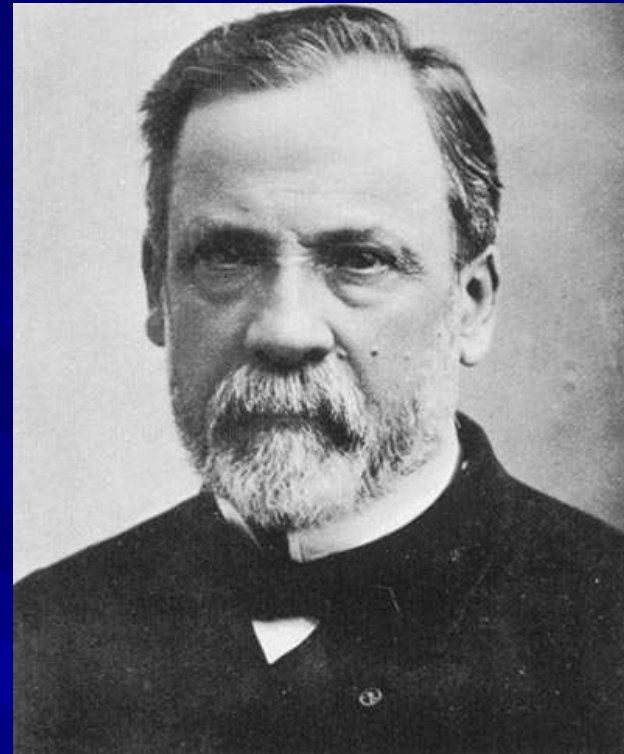


**Warner Von Braun  
(Preeminent 20<sup>th</sup> century  
Rocket Scientist)**

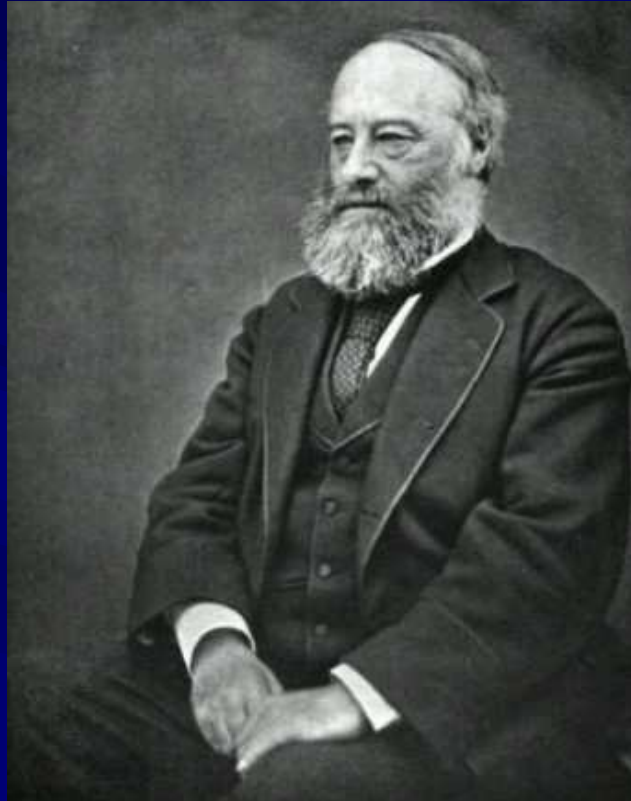




**Joseph Henry (Discovered  
Self Inductance; First  
Secretary of the  
Smithsonian Institute)**



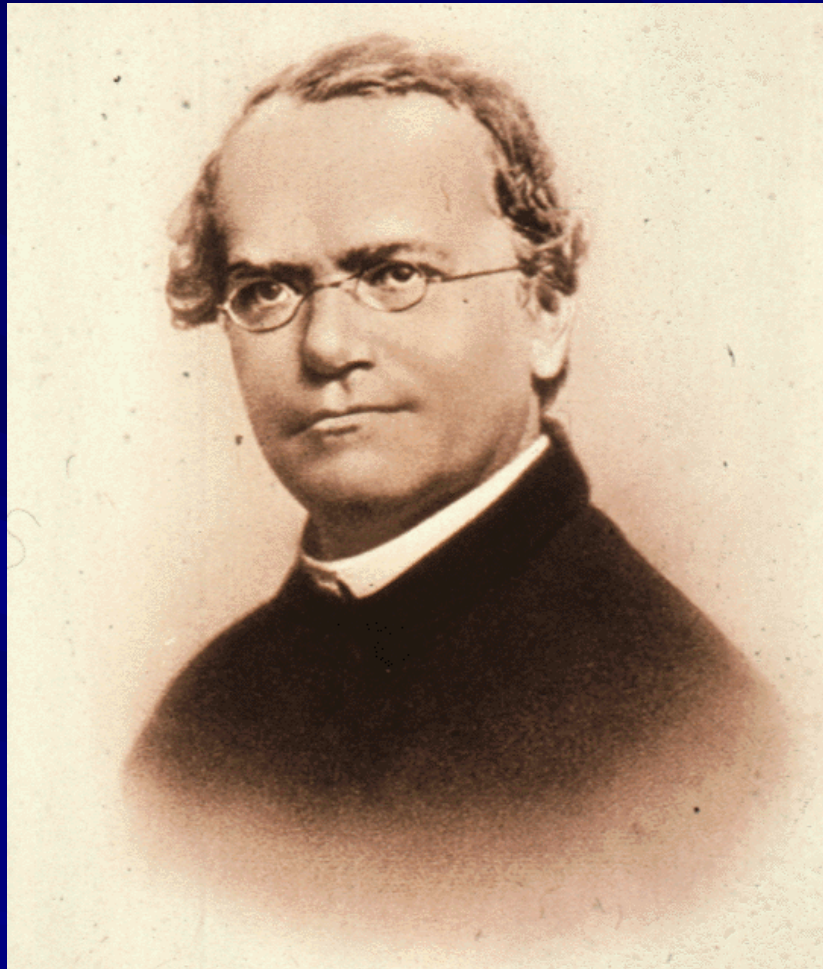
**Louis Pasteur (Father of  
Pasteurization; Disproved  
Spontaneous Generation)**



**James Joule (Father of Thermodynamics)**



**Joseph Lister (Father of Antiseptic Surgery)**



**Gregor Mendel (Father of Genetics)**

***“It would be wrong to say that the biological theory of evolution has gained universal acceptance among biologists or even among geneticists.”***

**- Theodosius Dobzhansky,  
“Evolutionary and Population Genetics,”  
*Science*, 142:1131-1135,  
(November 29, 1963)**





***“The evidence has not satisfied quite everybody; a few people who are not ignorant of the pertinent facts are nevertheless antievolutionists.”***

**- Theodosius Dobzhansky,  
“Evolution at Work,”  
*Science* (May 9, 1958), pp.  
1091-1098.**

*“What most people do not know is that for much of this century, and especially in recent years, scientists have been **fighting among themselves** about Darwin and his ideas. . . Scientists are largely responsible for keeping the public in the dark about these in-house arguments.”*

- Tom Bethell, (Senior Editor for *The American Spectator*)  
“Agnostic Evolutionists,” Harper’s, vol. 270 (February 1985), pp. 49-61.



***"From Mivart to Margulis,  
there have always been well-  
informed, respected  
scientists who have found  
Darwinism to be  
inadequate."***

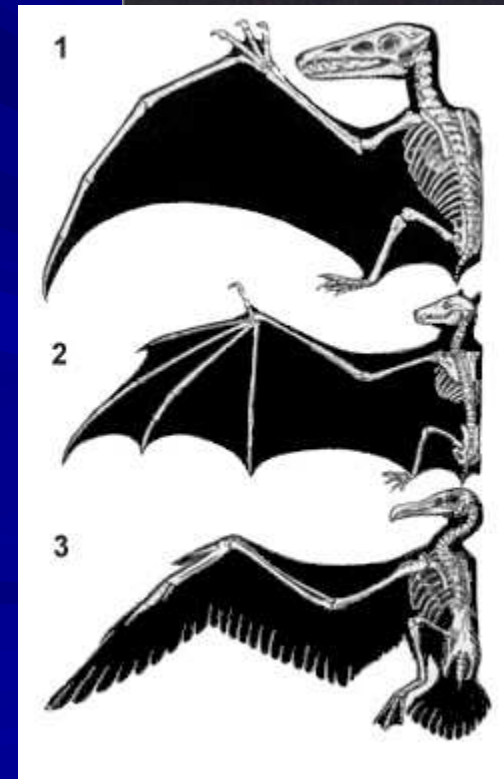
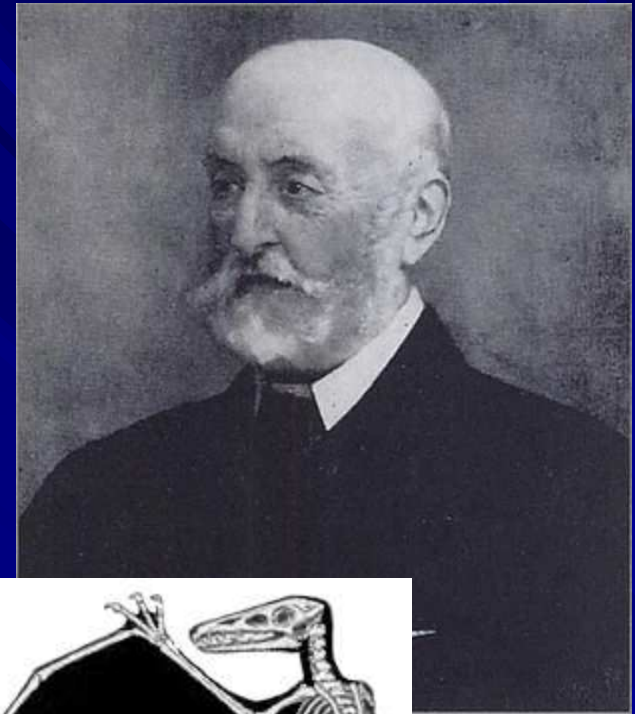
**- Dr. Michael Behe, Darwin's Black Box, 1996,  
Professor of Biochemistry, Lehigh University**



**George Jackson Mivart, Ph.D.,  
M.D., Biologist**

One of Darwin's earliest critics who showed the inability of Darwinism to account for the **evolution of the eye** or to account for the **parallel evolution of identical anatomical structures.**

“The wings of pterosaurs (1), bats (2) and birds (3) are analogous as wings, but homologous as forearms.”  
- Wikipedia





**“[Neo-Darwinism will one day be viewed as] “a minor twentieth-century religious sect *within the sprawling religious persuasion of Anglo-Saxon Biology*” . . . [Neo-Darwinists] “wallow in their zoological, capitalistic, competitive, cost-benefit interpretation of Darwin . . .**

***Neo-Darwinism, which insists on the slow accrual of mutations by gene-level natural selection, is a complete funk.”***

**C. Mann, (1991) "Lynn Margulis: Science's Unruly Earth Mother," *Science*, pp. 252:378-381 (American biologist and University Professor in the Department of Geosciences at the University of Massachusetts Amherst; 2008 Darwin-Wallace Medalist) - Believes in symbiogenic reorganization**



**"I have seen no evidence whatsoever that these [evolutionary] changes can occur through the accumulation of gradual mutations."**

**- Lynn Margulis, *Science* Vol. 252, 19 April 1991, p. 379**



# A SCIENTIFIC DISSENT FROM DARWINISM

*“We are skeptical of claims for the ability of random mutation and natural selection to account for the complexity of life. Careful examination of the evidence for Darwinian theory should be encouraged.”*

**This was last publicly updated January 2010. Scientists listed by doctoral degree or current position.**

Philip Skell  
Lyle H. Jensen  
Maciej Giertych  
Lev Belousov  
Eugene Buff

Emeritus, Evan Pugh Prof. of Chemistry, Pennsylvania State University  
Professor Emeritus, Dept. of Biological Structure & Dept. of Biochemistry  
Full Professor, Institute of Dendrology  
Prof. of Embryology, Honorary Prof., Moscow State University  
Ph.D. Genetics

Member of the National Academy of Sciences  
University of Washington, Fellow AAAS  
Polish Academy of Sciences  
Member, Russian Academy of Natural Sciences  
Institute of Developmental Biology,  
Russian Academy of Sciences  
Inst. of Biophysics, Academy of Sci., Czech Republic  
Fellow, Nigerian Academy of Science  
Hungarian Academy of Sciences  
Hindustan Academy of Science,  
Bangalore University (India)  
Russian Academy of Sciences (Russia)  
Institute of Bioorganic Chemistry and Petrochemistry  
Ukrainian National Academy of Sciences (Ukraine)

Emil Palecek  
K. Mosto Onuoha  
Ferenc Jeszenszky  
M.M. Ninan

Prof. of Molecular Biology, Masaryk University; Leading Scientist  
Shell Professor of Geology & Deputy Vice-Chancellor, Univ. of Nigeria  
Former Head of the Center of Research Groups  
Former President

Denis Fesenko  
Sergey I. Vdovenko

Junior Research Fellow, Engelhardt Institute of Molecular Biology  
Senior Research Assistant, Department of Fine Organic Synthesis

[www.dissentfromdarwin.org](http://www.dissentfromdarwin.org)

- Began in 2001
- Must have Ph.D. in relevant scientific field or hold an M.D. and be a professor
- Over 820 signers

Signers include academics from all eight **Ivy League schools**, as well as from **Stanford, Duke, Rice, Emory, Carnegie Mellon, Cal. Tech., Johns Hopkins, Vanderbilt, U.C. Berkley, McGill, Oxford, Cambridge, Manchester, Bristol, University of Nottingham, Imperial of London, Heidelberg University, Moscow State University, Seoul National University, and the University of Tokyo.**

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Emil Palecek  
K. Mosto Onuoha  
Ferenc Jeszenszky  
M.M. Ninan

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Emeritus, Evan Pugh Prof. of Chemistry, Pennsylvania State University  
Professor Emeritus, Dept. of Biological Structure & Dept. of Biochemistry  
Full Professor, Institute of Dendrology  
Prof. of Embryology, Honorary Prof., Moscow State University  
Ph.D. Genetics

Prof. of Molecular Biology, Masaryk University; Leading Scientist  
Shell Professor of Geology & Deputy Vice-Chancellor, Univ. of Nigeria  
Former Head of the Center of Research Groups  
Former President

Junior Research Fellow, Engelhardt Institute of Molecular Biology  
Senior Research Assistant, Department of Fine Organic Synthesis

Member of the National Academy of Sciences  
University of Washington, Fellow AAAS  
Polish Academy of Sciences  
Member, Russian Academy of Natural Sciences  
Institute of Developmental Biology,  
Russian Academy of Sciences  
Inst. of Biophysics, Academy of Sci., Czech Republic  
Fellow, Nigerian Academy of Science  
Hungarian Academy of Sciences  
Hindustan Academy of Science,  
Bangalore University (India)  
Russian Academy of Sciences (Russia)  
Institute of Bioorganic Chemistry and Petrochemistry  
Ukrainian National Academy of Sciences (Ukraine)

- Twenty-six signers from California

**Jeffrey Schwartz Assoc. Res. Psychiatrist, Dept. of Psych. & Biobehav. Sci., UCLA (4)**

John Baumgardner Ph.D. Geophysics & Space Physics University of California, Los Angeles

Kenneth Dormer Ph.D. Biology & Physiology University of California, Los Angeles

James F. Drake Ph.D. Atmospheric Science University of California, Los Angeles

Thomas M. Stackhouse Ph.D. Biochemistry UC Davis (5)

Richard Spencer Professor (Ph.D. Stanford) UC Davis, Solid-State Circuits Res. Lab

Mark Fuller Ph.D. Microbiology UC Davis

Gregory Shearer Ph.D. Physiology UC Davis

**Quinton Rogers Prof. Physiolog. Chem., Dept. of Mol. Biosci., UC Davis, School of Vet. Med**

David Richard Carta Ph.D. Bio-Engineering University of California, San Diego (5)

**Edward Peltzer Ph.D. Oceanog. UC San Diego (Scripps Inst.), now at the Monterey Bay**

**Aquarium Research Institute, Assoc Ed, Marine Chemistry**

Terry Rickard Ph.D. Engineering Physics University of California, San Diego

William J. Powers Ph.D. Physics University California, San Diego

Anita McElroy Ph.D. Biology University of California, San Diego

Michael T. Goodrich Professor of Computer Science University of California, Irvine (4)

Richard N. Taylor Professor of Information & Computer Science University of California, Irvine

**Robert L. Jones Assoc. Prof., Dept. Ophthalmology University of California, Irvine**

Jeffrey L. Vaughn Ph.D. Engineering University of California, Irvine

Ernest Prabhakar Ph.D. Experimental Particle Physics California Institute of Technology (2)

David Rogstad Ph.D. Physics California Institute of Technology

Daniel Kuebler Ph.D. Molecular & Cellular Biology University of California, Berkeley (4)

Jed Macosko Ph.D. Chemistry University of California, Berkeley

Jonathan Wells Ph.D. Molecular & Cell Biology University of California, Berkeley

Richard S. Beale, Jr. Ph.D. Entomology University of California, Berkeley

David Reed Ph.D Entomology University of California, Riverside (1)

**Mark C. Biedebach Prof. Emeritus of Physiology Cal. State Univ., Long Beach (1)**

# **Dissent from Darwin Signers from South Carolina**

**Daniel Dix, University of South Carolina**

**Christopher L. Thomas, University of South Carolina**

**Begona M. Bradham University of South Carolina**

**Robert W. Kelley, Clemson**

**Keith F. Conner, Clemson**

**Amy Ward, Clemson**

**Rodney M. Rutland, Department Head & Associate  
Professor of Kinesiology , Anderson Univ.**

J.R. Baumgardner (Geophysicist, Univ. of Cal. Los Alamos Natl. Lab.), R.W. Carlson (Prof. Biochem. and Molec. Biol., Univ. of Ga.), P. Chien (Prof. Biol., Univ. of San Francisco), **V. Damadian, M.D. (Nobel Laureate and inventor of the MRI)**, D. Faulkner (Prof. Astronomy, Univ. of S. Carolina, Lancaster), **C.B. Fliermans (Dupont Microbiologist and discoverer of Legionnaire's Disease)**, G. Gonzalez (Astrophysicist and Prof. Astronomy, Iowa St. Univ.), W.S. Harris, Ph.D. (Biochemist and Prof. Med., Univ. of Missouri, Kansas City), R. Hirsch (Analytical Chem., U.S. Dept. of Energy, Office of Science), C. Johanson (Prof. Clinical Neurosci., Brown Univ.), R. Kaita (Principal Research Physicist, Plasma Research Lab., Princeton, Univ.), S. Lennard, M.D., Sc.D. (Prof. Surg., Univ. of Wash. School of Med.), S. Minnich (Prof. Microbiol., Univ. of Id.), H.K. Ortmeyer (Prof. Physiol., Univ. of Md.), **H.F. Schaefer (Nobel Nominee, Director, Center for Computational Quantum Chemistry, Univ. of Ga.)**, F. Skiff (Prof. Physics, Univ. of Iowa), F. Tipler (Prof. Mathematical Physics, Tulane Univ.), and Roger Lien (Prof., Reproductive physiologist, Auburn University)

**Michael Behe Professor of Biological Science Lehigh University**

**Philip Skell, Emeritus, Evan Pugh Prof. of Chemistry, Pennsylvania State University  
Member of the National Academy of Sciences**

**Kurt J. Henle Professor Emeritus (Ph.D. Biophysics, University of Pennsylvania)**

**David Johnson Associate Professor of Pharmacology & Toxicology, Duquesne  
University**

**Michael Atchison Professor of Biochemistry University of Pennsylvania, Vet School**

**David B. Medved Ph.D. Physics University of Pennsylvania**

**John W. Balliet Ph.D. Molecular & Cellular Biology University of Pennsylvania**

**Charles A. Signorino Ph.D. Organic Chemistry University of Pennsylvania**

**William Everson Ph.D. Human Physiology Penn State College of Medicine**

**John Cimbala Professor of Mechanical Engineering Pennsylvania State University**

**Mark P. Bowman Ph.D. Organic Chemistry Pennsylvania State University**

**Theodore Saito Ph.D. Physics Pennsylvania State University**

**David Ness Ph.D. Anthropology Temple University**

**Ivan M. Lang Ph.D. Physiology and Biophysics Temple University**

**Laura Burke Former Associate Professor of Industrial Engineering Lehigh University**

**David Snoke Associate Professor of Physics & Astronomy University of Pittsburgh**

**Donald R. Mull Ph.D. Physiology University of Pittsburgh**

**Bela Szilagy Ph.D. Physics University of Pittsburgh**

**George W. Benthien Ph.D. Mathematics Carnegie Mellon University**

**Bruce Krogh Professor of Electrical & Computer Engineering Carnegie Mellon University**

**Mark Bearden Ph.D. Electrical & Computer Engineering Carnegie Mellon University**

**David Heddle Ph. D. Physics Carnegie Mellon University**



*Physicians and Surgeons for Scientific Integrity*



PHYSICIANS AND SURGEONS WHO DISSENT FROM DARWINISM

"We are skeptical of claims for the ability of random mutation and natural selection to account for the origination and complexity of life and we therefore dissent from Darwinian macroevolution as a viable theory. This does not imply the endorsement of any alternative theory."

Members are listed alphabetically by last name, by medical practice and by country, state and city. The 17 countries represented are Argentina, Australia, Brazil, Canada, China, Finland, Germany, Ghana, India, Italy, Serbia, South Africa, South Korea, Spain, Sweden, United Kingdom, and the United States.

Alphabetical listing by last name:

Name	Medical Practice	City and State/Country
Dr. James M. Aachen-Winans	Facial Plastic Surgery	Sammamish, Washington
Dr. John D. Accomando	Medical Oncology	Tampa, Florida
Dr. Corazon T. Aguilar	Pediatrics	Englewood, Colorado
Dr. Katherine A. Anderegg	Pathology	Sullivan's Island, South Carolina

- [www.pssiinternational.com](http://www.pssiinternational.com)

- Began in 2004, currently with 868 signers

The list boasts some of the top international surgeons in cardiology, neurology and pediatric neurology, orthopediology, and plastic surgery, just to name a few.

## **Scientists and a Physician from *Expelled* (Ben Stein's movie)**

- **Dr. Richard Sternberg (two Ph.D.s in Molecular Evolution and Systems Science)**
- **Dr. Caroline Crocker (Immunopharmacologist)**
- **Dr. Michael Egnor, M.D. (Neurosurgeon)**
- **Dr. Robert J. Marks II (Electrical and computer engineer)**
- **Dr. Guillermo Gonzalez (Astrophysicist)**

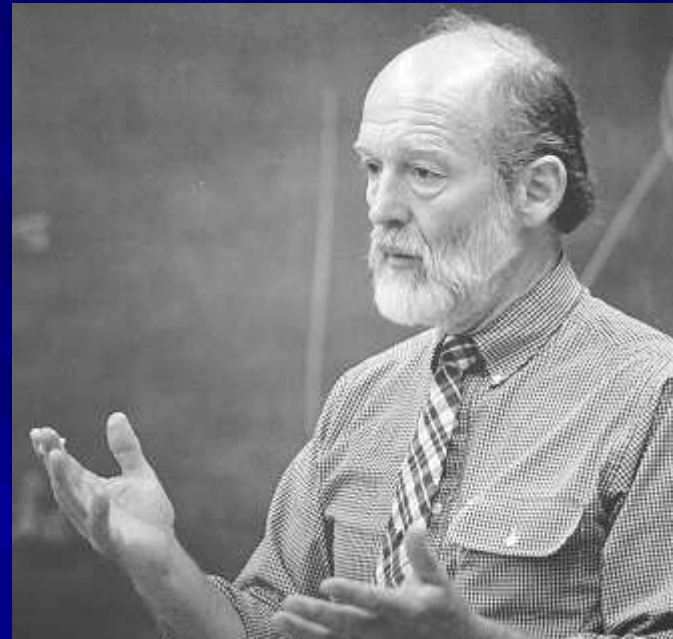


## **Anti-Darwinism Organizations**

- *Creation Research Society*
- *Creation Science Foundation*
- *Institute for Creation Research*
- *Answers in Genesis*
- *Apologetics Press*
  
- *Intelligent Design Network*
- *Access Research Network*
- *Discovery Institute*
- *The International Society for Complexity, Information and Design*

***“Why do creationists seem to be the consistent winners in public debates with evolutionists? . . . We biologists are our own worst enemies in the creationist-evolutionist controversies. We must no longer duck this and other issues related to biology and human affairs. . . .”***

**- Earl D. Hanson, “Evolution/Creation Debate,” Letter-to-the-Editor, *Bioscience*, 30:4-5, (January 1980) [Author of the book, “Understanding Evolution, 1981]**



***“Avoid Debates. If your local campus Christian fellowship asks you to ‘defend evolution,’ please decline. Public debates rarely change many minds . . . Have you ever watched the Harlem Globetrotters play the Washington Federals? The Federals get off some good shots, but who remembers them? The purpose of the game is to see the Globetrotters beat the other team. . . And you probably will get beaten.”***

**- Eugenie C. Scott, “Monkey Business,” *The Sciences* (January/February 1996), pp. 20-25. Scott is Executive Director of the National Center for Science Education, Berkeley, California, and received her Ph.D. in Anthropology, Missouri University, 1974. Past previous position, Assistant Professor, University of Colorado at Boulder, 1984-86.**



*“Indeed, let God be true but every man a liar” (Rom. 3:4). “When you received the word of God which you heard from us, you welcomed it not as the word of men, but as it is in truth, the word of God” (I Thess. 2:13). “Every word of God is pure. . . Do not add to His words, lest He rebuke you, and you be found a liar” (Prov. 30:5,6).*