What Is Science?
How Does It Apply To Discussions of Origins?
By Tom Willis

[Excerpted from Real Scientists Just Say NO!, the CSA Seminar Notebook, available from CSA for $19.00]

Folks who profess belief in evolution nearly always insist "Evolution is Science, Creation is Religion." In order to assess that claim, it seems appropriate to begin by defining the key terms involved: Science, Creation and Evolution. We define Creation and Evolution in Chapters entitled: "The History of the World as Told by God" and "The History of the World as Told by The World."

Interestingly, the word science has as many definitions as there are textbooks and "science" writers, all of which ignore the dictionary. The last time I defined science using the dictionary, one Ph.D. wrote rather heatedly that he had looked up the word science in four dictionaries and "they were all wrong!" That is, they agreed with my definition and did not agree with his. Another, quite angrily wrote that he preferred the definition given by his paleontology professor at Johns Hopkins University. I wasn't sure whether I was supposed to check with Johns Hopkins before I used any words, or only when I used the word "science." Or was I to check with the paleontology department at Johns Hopkins?

You see, most of us use the dictionary, not some "authority" when we decide how to use a word. My 1825 Websters defines Science as coming from the French, from the Latin "scientia" meaning knowledge. My 1925 Websters defines it the very same way but adds five numbered definitions such as "Any branch or department of systematized knowledge." All five definitions include the word "knowledge." Most current dictionaries do the same, but some try to lend at least some support to the current idea that the knowledge must be a theory, must include only natural causes, and must be testable and repeatable.

These latter ideas represents a perversion of the original notion of science promoted by Sir Francis Bacon and René Descartes. Both of these fellows made "Christian noises" but both also were involved with the occult. Bacon took a Greek Goddesses as his Muse, and both claimed to have received their ideas of knowledge in visions either from a Greek Goddess or immediately after occult activity (CSA News, May/June 1995).

If we simply choose the definition of the word Science as "knowledge," then we will see that it makes complete sense. Particularly so when we note that the word clearly connotes knowledge which has been certified by at least one method of proof.

**Methods of Proof**

There are Five Methods of Proof that I can discover that are widely used and have some merit. We'll summarize them later.

Each of these methods is "Inductive," i.e. it attempts to draw conclusions about an issue from a limited amount of data. For example, The Scientific Method," which was more or less the one promoted by Bacon and Descartes, attempts to certify a knowledge claim called a "hypothesis," such as "All Cars Are Green."

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**The Scientific Method**

**Hypothesis:** All cars are green

**Proof Strategy:**
- Perform Experiments or Observations
- Each Designed to Prove the Hypothesis is False
- Repeated Failure to "Falsify" the hypothesis increases conviction it may be true.

This method is certainly useful. Particularly for proving hypotheses false! For example, all that should be required to prove the above hypothesis false is to find one red car. In order to "prove" the hypothesis true, one must find all green cars while attempting to find cars of any other color. After extensive efforts to find red cars, etc., without success, one's confidence in the idea that all cars may be green tends to increase. The hypothesis can never be proven true unless you can see all existing cars at once, which is impossible. Virtually every serious student of the Philosophy of Science knows this method is not only quite fallible, but very likely to produce erroneous conclusions. First the method is not really a method, but a strategy, and requires faithful adherence to the key rules, else it virtually guarantees erroneous results. Second, the method is inherently illogical. The gist of the method is "All cars I have seen are green, therefore... all cars are green." This syllogism would result in a failing grade in elementary logic.

Consider now a more serious proposition, The 3rd Law of Motion: Every Action Force Has An Equal And Opposite Reaction Force. This theory was proposed by Newton who had never seen all action forces of any given type, and had never seen or even dreamt of all types of action forces. He certainly had never seen a rocket in outer space.

Thus, the only thing that can be said of the "Scientific Method" is that it is one of the fairly good methods we have. But...

**Is the Scientific Method Superior To Faith?**

The Scientific Method allows us to say, "All the cars I've seen are green, therefore, my conviction is that probably all cars are green." It is interesting that the word used for "faith" in the Bible is "pistis," which simply means "conviction." It can be arrived at with or without evidence, but the Bible clearly teaches that God always gave considerable evidence when
As mentioned above, there are five “successful,” or widely accepted methods:

**"Successful" Methods of Proof**

- The Scientific Method
- The Legal Method
- Mathematical and Logical Deduction
- Statistical Inference
- The Berean Method

Therefore, by faith I choose to believe the action forces I have not seen will also have equal and opposite reactions. 

While it is called a "Law" of Science, it is merely a "Reasonable Faith!" When you get on an airplane, you do not know with absolute certainty it will go forward, but you are so convinced that it will (if the engine runs right) that you never even think of it. You may call it science, but it is actually a faith strongly believed. This is exactly the kind of conviction expected of Christians by Jesus and explained by James... one that results in action. I suggest there are three categories of faith:

1. Reasonable Faith... consistent with the evidence.
2. Blind Faith... supported by little or no evidence
3. Anti-reason Faith... held in spite of the evidence

**Does the Scientific Method Apply to Origins?**

We have discussed some problems with the scientific method. There are more, but when it comes to origins, there is a big problem, it really doesn't directly apply at all! The birth of first life, the first fish, a fish giving birth to a salamander millions of years ago is simply not testable by this method because you cannot repeat the birth of the first of anything. You can, however, test whether it is possible to form life from nonlife, and whether it is possible to get a fish to sire a salamander. These tests have been run tens of thousands of times, all without success. Thus, to the extent that the scientific method has been applied to origins, evolution has failed 100% of the tests! Conversely, every complex system whose origin we have observed has been created, by a creator who was essentially different than, transcendent to the system.

**The Legal Method** does apply to historical event. It should be the method of choice for creation/evolution discussions, but evolutionists hate it for two reasons: They want their belief to be called science, and it doesn't support their beliefs anyway. The Legal Method requires:

1. Testimony of witnesses - None are available for evolution, but the Bible claims to have been dictated to prophets by witnesses to creation. The credibility of their witness can be tested (and has been) as in other legal cases.
2. Documentary Evidence - There are no documents about the first fish for evolutionists, but there is extensive documentation for creation.
3. Physical Evidence - There is much physical evidence. Evolutionists claim it supports their faith. While a review is far beyond the scope of this essay, I assert categorically that a review of the physical evidence supports Biblical Creation far better than it does evolution, and without witnesses or documentary evidence, no sensible jurist would ever convict.

Some claim that logic is the best method, it requires meticulous application of rules that are not well understood even by "experts" and are in much dispute. **When it is applied, evolution cannot be deduced either logically or mathematically.**

**Statistical inference** (using probability theory) is very handy when the population under study is well known, such as in the manufacturing quality control chart in the illustration. Everyone is familiar with the silly results obtained from attempts to apply it to less well understood populations, such as in opinion surveys. Furthermore, all honest attempts to test the probability of evolution events such as protein by random processes, life by random processes, the horse series, the eye by random processes, etc. have failed miserably to support evolution.

**The Berean Method** (Acts 17:11) suggests that propositions be tested against scripture. The method has considerable merit, but like the others is subject to misapplication. As in the other methods, simply claiming that a Bible passage means thus and so, is not the same as demonstrating the claim to be true. Also, a child can discern, though it seems to be difficult for some adults, that Scripture does not support spontaneous generation of life, creation of new life forms over millions of years via a struggle for survival, or for that matter... millions of years.

A little reflection by the reader will lead to the conclusion that, while these methods may be useful they are also very fragile, and none of them provide any real comfort for evolution, while all of them provide extensive support for Biblical Creation!!! This fact will be demonstrated in subsequent articles (also excerpted from "Real Scientists Just Say NO!").

But even at this point, we find evolution in the position of a strange "science" indeed. A science with 100% experimental failure, and no support from any other method of proof... a genuine Category 3 Faith, one held in spite of the evidence rather than consistent with it.

Tom Willis, President

*More To Come - Stand by*
Hugh Ross seemed to begin his "ministry" as a Christian genuinely interested in the lost, the Gospel, and Biblical Apologetics, but one who happened to believe in an old earth. It was apparent that both his science and theology of an old earth were nonsense, but CSA remained generally silent because Ross claimed to be a Christian brother. His subsequent behavior has called acceptance of this claim into serious question. Ross is no longer just silly, he is mean spirited and harmful. He should be refuted.

Special: Sept/Oct 1995 Price: $9.00 (includes postage)

Design in Nature is so obvious that, for centuries it was the chief "scientific apologetic" for the existence of God. Then David Hume, a philosopher, simply declared he had refuted the argument. Since then, probably the strongest evidence for the existence of the God of the Bible is the blind delusion of those who believe that Hume really did what he said he did. In 2nd Thessalonians 2:10, the Bible specifically predicted this delusion. Jim teaches biology and botany at the college level. His hobby is raising orchids. Anyone who can sit through his slide presentation and still believe Hume refuted the argument from design, is probably deluded.

Audio Tape: $5.00 - Video: $13.00 (Includes postage)

1. For Safari Details, call or write to request a copy of the brochure: "1995 Detailed Safari Information," which will give you costs, meeting place, time of departure and return, what to bring, safari registration information, etc. Costs: CSA does not charge for safaris. However, some of the places we visit do have entrance fees. Obviously some of the safaris have other costs associated with them such as lodging.

2. Astronomy Safaris meet at The Berry Patch, 22509 S. State Line Rd. From KC, south on 69 Hiway or Holmes Road to 223rd St. Then to State Line, then South 1/4 mi. to entrance. Please call or write to register the names of each adult and child safari participant.

The Creation Science Association for Mid-America
Casting down imaginations, and every high thing that exalteth itself against the knowledge of God, and bringing into captivity every thought to the obedience of Christ; -2CO 10:5

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The Basic Institute in Creation Science

The Age of the Earth

The Myth of Uniformitarian Geology

by: Tom Willis

The greatest deception regarding the age of the earth does not come from radiometric dating. Most people haven't the foggiest idea what it is, and those who do don't believe it. Rather, the most convincing "proofs" of an ancient earth come from relic geologic formations and stories about what caused them and how long it took. A complete system of mythology in its own right, "Uniformitarian Geology" has caused the most deception, even among those who have never even heard the term. This presentation discusses several famous types of geologic formations (e.g., Grand Canyon, Caves) and shows in simple terms how absurd the "uniformitarian" view is, and how obvious the correct view is when it is presented.

The Advanced Institute in Creation Science

Sir Francis Bacon and the Geological Society of London

A Video from the International Conference on Creation

by: Ian Taylor

A fascinating review of the influence of the occult on Francis Bacon, the founding of Masonry, the early days of the Geological Society of London, and the relationship between the three. Those who know Ian Taylor know he is a thorough researcher who authored the excellent book In the Minds of Men. This paper will open doors to the real history of science and even of America that most of us didn't even know existed, much less what was behind them.

CSA meetings are free, entertaining, educational.
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Address Correction Requested

CSA Meeting Location: Westbrooke Church 9898 West 95th, Overland Park, KS
Two blocks East of 69 Highway (or Switzer) on North side of 95th
Refreshments: 6:15PM - Meeting: 7:00PM Nursery Available: $2.50 per child (Reservations required for nursery)

CSA Meeting Tuesday, October 3, 1995

The Basic Institute in Creation Science

Ape Men: Science or Myth?

by: Bob Farwell, B.S.

Public institutions all over the world blatantly depict ape-like creatures rising through time from their knuckle-walking past to become "hominids" whose descendants now design computers and aircraft. What are we to make of these incessant claims? What really is the evidence behind them? This is an entertaining and informative discussion for all ages. (Due to a scheduling error, this topic was announced for August and rescheduled to October.)

The Advanced Institute in Creation Science

A Remote Sensing Search for Extinct Lake Shore Lines...

A Video from the International Conference on Creation

by: Edmond W. Holroyd, III, Ph.D.

A popular myth of "Uniformitarian Geology" is that the rivers at the bottom of some large canyons are eroding the canyon today, therefore they are the cause of the canyon. In most cases the opposite is true, the canyon is the cause of the river. In no case is it more obvious that the river did not cause the canyon than Grand Canyon. A few of the reasons: Grand Canyon is obviously not a river canyon, the river would have to run uphill to erode the canyon, and the box canyons off the side are just as deep as the main canyon, but receive virtually no water. There are several theories of how the canyon actually formed, all of them indicate extremely rapid formation. Most of them involve some earth movement and some volcanic action. Holroyd has added erosion by dam rupture in enormous natural lakes above the present site of the Grand Canyon.