How to Solve the Creation/Evolution (science curriculum) Debate -- In Five Minutes or Less

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Is the ID (core) <u>hypothesis/theory/paradigm</u> permissible in science class? Yes indeed. Is the materialist (core) <u>hypothesis/theory/paradigm</u> permissible in science class? Yes indeed. Is an ID <u>gospel</u> (Creation-<u>ism</u>) permissible in science class? <u>No.</u> Is a materialist <u>gospel</u> (Material-<u>ism</u>) permissible in science class? <u>No.</u>

The solution to the dispute therefore lies in making a clear and principled distinction between <u>gospelized</u> positions (and their attendant self righteous crusades against "the enemy") and <u>scientific</u> theories and their attendant respect for <u>freedom of inquiry</u>. In science, a counter hypothesis (core or otherwise) is <u>not</u> an enemy. It is an integral part of the scientific process.

To summarize therefore; Theories and hypotheses in science class?.. <u>Yes</u>. Gospels in science class?... <u>No</u>.

How to Solve the Darwinian Mechanism Debate -- In Five Minutes or So

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Confusion regarding the Darwinian mechanism stems from three separate obfuscations.

These are;

- #1. Use of the deceptively positive word "selection" instead of clear and accurate wording such as "natural selective <u>destruction</u>" or "natural selective <u>decimation</u>." Like it or not, "natural selection" only "weeds out" (<u>destroys</u>), it never "weeds in"(creates).
- #2. Use of the deceptively positive word "evolution" in "micro-evolution" so as to conflate randomized <u>reductive/destructive</u> nichification ("micro-evolution") with specified <u>constructive</u> speciation ("macro-evolution"). Reductive(-) Nichification is not a smaller (micro) version of Constructive(+) Speciation.
- #3. The deceptive labeling of residual system-level order ("monkey Shakespeare," etc.) as "order by chance/randomness" so as to make it appear that randomness (the <u>absence</u> of order) can sometimes be creative (order producing). It is deceptive to use "order by chance/randomness" instead of correct wordings such as "order from residual system constraint" or "order at the system-level." Such deceptive analogies are typically loaded with symbols or structures, habitually used by humans to convey high meanings or values (Shakespeare, jackpots, etc..). Such

loading reinforces the <u>illusion</u> that randomness can create order. Randomness of course, can do no such thing. Randomness merely assures that all letter sequences, of any given length, are equally probable.

The solution to the debate therefore requires making clear definitions of all pertinent active functions;

#1. Random Reductive(-) Nichification {RR--(-)-->N} (The ongoing natural selective <u>destruction/limiting</u> (-) of an existing species to a narrow, survivable, quasi-stable niche)

and,

#2. Specified <u>Constructive(+)</u> Speciation {SC--(+)-->S} (the origination (+) of <u>new</u> species <u>new</u> structure and/or <u>new</u> specifications).

and,

#3. <u>Randomization</u> -- (a. The <u>destruction(-)</u> of specifications {information} and subsequent production of an unspecified uniform probability distribution. b. The <u>destruction(-)</u> of probability weightings and subsequent increase of probabilistic weightlessness/uniformity. c. The <u>destruction(-)</u> of order/structure and subsequent movement toward disorder/randomness).

With these definitions in hand we can identify the destructive/constructive polarities of Darwin's mechanisms in relation to the polarities of RN and CS -- and apply basic logic to the group to determine logical consistency or inconsistency.

Darwin's proposed mechanisms of speciation are as follows;

#1. Natural Selective Destruction (NSD)

and,

#2. Randomization -- (<u>destruction</u> by scrambling_)

By definition these are both destruction (-) functions. As such, they are logically consistent with R-Nichification but logically <u>inconsistent</u> with C-Speciation. With regard to <u>speciation</u>, both Random Mutation and Natural Selective Destruction are "non-sequiturs." <u>New</u> biological structure(+) "does not logically follow" from the random scrambling/destruction{-} of orderly structure or code. New <u>construction(+)</u> likewise "does not logically follow" from natural

selective <u>destruction(-)</u>. The production (+) of <u>new</u> species requires a <u>construction(+)</u> function. Therefore, while a Darwinian mechanism (with sufficient over unity reproduction in tow) is valid for R-nichification ("microevolution") it is <u>not</u> valid for C-speciation ("macro-evolution").

1. Nor can <u>residual</u>, system-level structure (e.g. "typing monkey-shakespeare," slot machine outputs, evolutionary algorithm outputs) be posited as <u>new</u> "order by chance/randomness." In <u>all</u> such cases, the <u>structure</u> of the output, along with its <u>probability of its occurence</u>, is entirely <u>pre</u>-determined by the <u>pre</u>-existing system's parameters. Such outputs are but manifestations of <u>old</u> probability weightings and <u>old</u> system structure, and are worthless with regard to <u>new</u> structure, <u>new</u> species, <u>new</u> systems and subsequent <u>new</u> probability weightings.

Why Simple Debates, Otherwise Solvable In Ten Minutes, Can Sometimes Last For 150 Years. ©2005 William Brookfield

The reason for the protracted nature of the Evolution vs. Creation debate is existence of <u>entrenched</u> emotively <u>gospel</u>-ized positions on both sides of the issue. Any movement toward a resolution subsequently requires the overcoming of massively entrenched psychological and sociological inertia.

-- William Brookfield -- ID scientist/pleasurian/humanist