

Science by Design

Portion 2: Biology and the Bible part 2

Components (Pillars) of Darwinism

- **Random Mutation**
- **Natural Selection**
- **Long periods of time**

All via an unguided process. Interestingly, Richard Dawkins claims that Natural Selection is not an unguided process (God Delusion); however, the overall effect apparently is, in his view.

But complexity usually builds as systems work together, not digresses. As systems get more complex, they tend to show more evidence of design (uncaused events tend to dissipate over time). Hence why when we see a watch we rarely suggest it is a random set of pieces that have come together by chance.

Dawkins lists four 'gaps' that still remain in the knowledge of life. Interestingly, this is like the particle-wave duality dilemma in physics in early 1900s (as Didi spoke of). It had been thought to be a simple, last step to a complete understanding of physics. When examined further, it fundamentally changed physics, pointing even further to a source beyond our understanding...and to many scientists, to a universe that pointed to a creator.

It is interesting to note a comparison of Dawkins' Gaps to the four basic answers to a worldview (the way that one thinks, and that which shapes one's understanding to life and our place within)

Dawkins	Necessary Answers to a Worldview
1/ Origin of Life	1/ Origin
2/ Morality	2/ Morality
3/ Consciousness	3/ Meaning
4/ Sexuality	4/ Destiny (interesting Dawkins leaves this one off)

See <http://rzm.org/just-thinking/think-again-deep-questions/> for more

Darwin's Dilemma— two facets, as posited in Ch 6 of *Origins of Species* deal with the lack of

1. Lack of transitional forms (fossil remains) in habitats
2. Lack of transitional forms in time (in the layers of the earth)

Cambrian Explosion—geological time period starting roughly 451 million years ago (MYA), and lasting 20-25 Million years. The speed and the total number of unrelated species that spring forth in a (geologically and biologically) short time necessitates an explanation of how such speciation occurs. More of a "grass field of life" vs the "Tree of Life" as noted in so many biology books and TV shows.

Takeaways from part 2 of Biology and the Bible:

God's Time is beyond us

- God is Everlasting: Isaiah 44:6, 48:12; Revelation 1:8, 1:17-18, 21:6-7,22:13
- Alpha & Omega (Note: BOTH God and Christ are named thus, vs Mormon/Muslim/etc. views)
- C.S. Lewis – God is outside of the 10^{45} seconds of time, and able to answer all prayer.

God's Power is beyond us

- Mark 10:27 -With people it is impossible, but not with God; for all things are possible with God.

God's Truth is beyond us

- John 8:32 -Then you will know the Truth, and the Truth will set you free

But God's love surrounds us...always

“Miracles are a retelling in small letters of the very same story which is written across the whole world in letters too large for some of us to see.” — C.S. Lewis

More References:

On Base pairs:

https://en.wikipedia.org/wiki/Base_pair

On Early Life on Earth:

- Life at 3.8B, S. J. Mojzsis et al., “Evidence for Life on Earth Before 3,800 Million Years Ago,” *Nature* 384 (1996), 55-59.
- Life at 3.5B, <https://carnegiescience.edu/news/evidence-35-billion-year-old-bacterial-ecosystems-found-Australia> (and NBC, etc.)
- <http://www.reasons.org/articles/new-evidence-for-life-s-rapid-origin>

On Craig Venter's work on creating the smallest, replicating design:

<http://motherboard.vice.com/read/craig-venter-created-the-simplest-living-organism-possible-in-a-laboratory>

Reference to the University of Plymouth experiment with monkeys and a typewriter...

<http://news.bbc.co.uk/2/hi/3013959.stm>