

Crevolution

In common usage, “theory” is given as much merit as a hypothesis or an educated guess. Evolutionary theory as “just a theory,” is a paradox. Evolution is fact. There is endless evidence to Charles Darwin's theory of evolution. However, is there not also endless evidence of a divine being? Does not the perfect calculation to create living organisms of all kinds lead us to the theory of divine creationism? If the universe were any different than it is, we would not be here. Creationism and evolutionary theory are not mutually exclusive—both are intrinsic in man's search for truth and meaning.

In regard to thermodynamics, Roger Penrose quoted in, “Why Science Does Not Disprove God,” brings up that there would need to be specific timescales in the universe that would be long enough for there to be favorable conditions for evolution to even take place. The perfect calculation from thermodynamics to the exact ingredients of protons and electrons to create living organisms of all kinds, makes one wonder how so many of us do *not* believe in divine creation, or in the very least “Intelligent Design” (William A. Dembski). If the universe were any different than it is, we simply would not be here. We would not exist. “...the universe has to have been “fine-tuned” to a degree that we can hardly comprehend” (Aczel 178).

As a science writer concentrating on mathematics, physics, and cosmology, I have marveled myriad times about what to me is one of the greatest mysteries of all: how, within the immensely hot and dense “soup of particles” that constituted our universe, a fraction of a second after the Big Bang, the quarks suddenly gathered in threes: two “ups” and a “down” to form protons and two “downs” and an “up” to form neutrons. How was it ever possible...that the charges of these quarks turned out to be exactly $\frac{2}{3}$ for an “up” and $-\frac{1}{3}$ for a “down”—with not even the tiniest of tiny errors, so that the proton would miraculously match the opposite charge of the electron (-1) and the neutron's charge would be precisely

zero: just what is necessary to form atoms and molecules? How did such an incredibly improbable event ever happen without some calculated act of creation? And further, how did the masses of the elementary particles turn out to have the perfectly precise ratios needed so that our world of atoms and molecules could exist at all? How did the forces of nature—gravity, electromagnetism, and the weak and strong nuclear forces acting inside nuclei, as well as the mysterious “dark energy” that permeates space—receive just the right strengths they need to maintain a universe that has the required stability and neither collapses onto itself nor explodes before life has a chance to evolve? It is hard to imagine all this happening just by chance.” (Aczel 2-3)

And taking an excerpt out of scripture, “And there stood one among them that was like unto God, and he said unto those who were with him: We will go down, for there is space there, and we will take of these materials, and we will make an earth whereon these may dwell..” (Abraham 3:24).

For the purposes of a Human Origins class, evolution is not goal-oriented. Is it not though? In reference to creationism, evolution is definitely goal-oriented. Without a doubt, evolution continues on. Evolution began, evolution continues. In regard to creationism and to humans being created in God's image though, it seems that there would be some goal orientation.

Spirituality is in our nature. Throughout the centuries, human beings have created art and stories, that lead back to God/Gods. Venus statues, cave art, Egyptian art, symbols, the Bible, The Quran, The Book of Mormon, and so on, show our fundamental connection with a higher purpose and a higher being.

“Facts based upon verifiable and verified observations form the basis of science. They are the building blocks of science, and there are no other. Failure to recognize facts as the only foundation of science is the cause of most controversies...between science and religion” (Widstoe 32).

However, also, “The glory of God is intelligence, or, in other words, light and truth” (Doctrine and Covenants 93:36).

Many scientists believe that God and science cannot coexist, but the whole point and value of science is keeping a constantly open mind about possibilities. To say that God and science cannot coexist is like saying that there is a definite, and specific center of fact that we absolutely have to rely

on, without acknowledging the *fact* that that center is arbitrary. Creationism and evolutionary theory are not mutually exclusive!

After rigorous efforts to conclude with an intellectual eloquence, and with the acknowledgment of the possibility of points being docked, it was found that this paper could not be concluded any more eloquently than this last quote from Amir D. Aczel, "Science and spirituality are both integral parts of the human search for truth and meaning; they provide us possible paths of comprehending and appreciating the vast cosmos and our place in it."

Works Cited

Aczel, Amir D. *Why Science Does Not Disprove God*. HarperCollins Publishers. New York, New York. 2014. Print.

Doctrine and covenants. Church of Jesus Christ of Latter-Day Saints. Salt Lake City. Print.

Dembski, William A. *Intelligent Design, The Bridge Between Science and Theology*. InterVarsity Press. Downers Grove, Illinois. 1999. Print.

Pearl of Great Price. Church of Jesus Christ of Latter-Day Saints. Salt Lake City. Print.

Widstoe, John A. *In Search of Truth*. Deseret Book Company. Salt Lake City. 1930. Print.