

Evolution 101

Lesson 7

“**Work Is the Curse of the Drinking Class**” so goes Irish folklore found displayed most often above a bar in an Irish pub. But it contains more truth than poetry. **Genesis 3:17** con-firms it: “. . .*cursed is the ground because of you, in toil you shall eat of it all the days of your life;*” Also, you will recall that the laws of thermo-dynamics speak to the issue.

The First Law declares that the total matter/energy content of the universe is constant, meaning that the natural processes of physics, chemistry, biology, etc. can neither create nor destroy matter or energy. For some-thing to happen such as thinking or throwing a ball, an energy conversion must be made. Stored energy must be available to think the thought or throw the ball. The First Law teaches that no energy is destroyed in thinking the thought or throwing the ball. Some heat energy radiates out into space, but is not destroyed.

Have You Heard Of Entropy?

The Second Law adds the point that once an energy conversion has taken place such as turning on a television or computer, the by-products of heat and light radiate into space never again to be available for work. This means that each time energy is consumed a portion of it accumulates into a quantity the scientists call “**entropy.**” An increase in lost and forever unavailable energy means an increase in entropy. Since the First Law declares that no more energy can be created, the consequence is that even-tually the universe will reach equilib-rium where all matter and energy will be unavailable for work. Nothing can happen. The universe will have died a heat death.

We witness the daily conversion of matter into energy as the sun and stars convert a small amount of matter into a tremendous amount of energy as in the exploding of an atomic bomb. Matter and energy are inter-convertible accord-ing to Dr. Albert Einstein’s formula: $E=mc^2$. We observe the mass of the sun converting into energy but we do not readily observe natural conversion of energy into matter even though it is accomplished in the laboratory. This is a dramatic example of the Second Law in action.

This introduces the three vital words that separate Christians from the atheists, pantheists, Hindus, Buddhists and all other non-Bible based religious systems:

“In The Beginning”

Instinctively, all of us recognize that anything that has a beginning has a cause or creator. If the sun is moving to deplete its energy supply and since the supply is not exhausted and there is no known source of new energy, it had to have a beginning. Christians infer that the beginning was caused by an enormous conversion of energy into matter by a transcending, metaphysical source of energy. Christians believe that God spoke the universe into being seemingly out of nothing but actually from his own inexhaustible store of energy. God is a rational Uncaused First Cause. God is the eternal One.

For personal reasons, most scien-tists (the evolutionists) along with the atheists and other non-theist religious systems object. They insist that the universe is eternal and self-existent in spite of the adverse message of the First and Second Laws and the Law of Cause and Effect.

Let the shrinking sun remind us that all natural and man-made structures will gradually lose order and complex-ity. We witness this all around. Paint peals; houses fall apart; cars and machinery wear out; tools rust; people grow old and die. Our streets and roads become marred with potholes from traffic and weather.

Work, The Curse

The entropy increase of the uni-verse is an absolute but on a local scale it can be temporarily reversed with *work—that old curse!* Locally, an intelligent being using design and injecting ordering energy into a struc-ture, may delay the entropy increase, but only temporarily. Houses and automobiles may be repaired but they still wear out. Entropy triumphs!

Work (design plus free energy) applied to building materials will pro-duce a house. The sun may apply plenty of energy to a pile of lumber but it would never build a house. Its energy is random and unordered.

Doesn’t the energy from the mind-less sun and nutrients from the ground produce a tree? Not by a long shot. The tree has a built-in mechanism, photo-synthesis, to convert energy from the sun and utilize nutrients from the environment. Plus, there is DNA, the “blueprint” that directs a team effort to produce a tree. We must first account

for the DNA and photosynthesis.

Think of an airplane. None of its parts can fly by itself. Only the whole airplane can fly. An airplane, it seems, is a bunch of non-flying parts *organized* to fly. None of the molecular parts of a tree can live by itself. A living cell, it seems, is a bunch of non-living molecules *organized* to live. Organization, not substance, seems to make the difference between life and nonlife.

The Intruder

The Second Law seems to be an intruder in an ideal universe that would never run out of available energy and no work would be required for all of us to live happily ever after in any environment. However, we are *cursed to work* to survive only for a brief time before losing the battle. Christians have a theory about the origin of the Second Law. They see it as a possible outcome of the curse related in **Genesis 3:17**. Before that in **Genesis 1:31**, *“everything was very good.”*

Natural processes, physics, etc., cannot duplicate the simplest creation by a living being such as a bird’s nest, arrowhead or screwdriver. With all of his skill, technical equipment and inexhaustible government financial support, man has not yet succeeded in creating life in the test tube. Yet, the evolutionists contend that our environment (matter & energy) guided only by chance over time has accounted for the origin of the present diversity of life on this planet.

The Law of Cause and Effect teaches that an effect, life, can be no greater than its cause. This world is filled with intelligent, feeling and living people. The cause must be at least intelligent, feeling and living parents, not mere dancing, atoms waiting to be transformed by chance over time into complex proteins, cells, simple living creatures all the way up to people, one male and one female. In effect, the evolutionists insist that we all came by chance over time from a rock, which was self-existent.

Do the atheists chide you about your faith in the so-called myths of the Bible while they bet their lives on irrational chance and time? www.ThisWasYourLife.org

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