

IF GOD?

1ST AND 2ND LAW OF THERMODYNAMICS



SUMMARY: The first and second law of thermodynamics do not disprove evolution. They prove that there would be no matter to evolve and therefore atheistic evolution will not work. Once you believe in a Big Bang and have matter, the first and second law of thermodynamics do not have anything to do with the possibility of evolution.

The First and Second Laws of Thermodynamics are frequently used as proofs of creation against evolution. The following is a quote from the World Book Encyclopedia:

FIRST LAW OF THERMODYNAMICS: The energy going into a system, minus the energy coming out of a system, equals the change in energy stored in the system.

SECOND LAW OF THERMODYNAMICS: Heat will, of its own accord, flow only from a hot object to a cold object,

ENTROPY: The measure of unavailable work in a substance or system. For example a cup of hot water has energy which can be possibly utilized to do some work. When the cup of water has cooled to room temperature, it has less potential to do work and so the cup and room combination are considered to be at a higher entropy state. It is important to recognize that in the system of the cup and the room that one cooled and one was heated slightly, but that the total energy of this system was not changed. The Second Law of Thermodynamics states that a system will naturally progress toward a state of higher entropy. The word "system" is critical in the last sentence,

There are more complex and technical forms to these definitions, however, these definitions simply tell the basis of the laws,

The First Law is called the law of conservation of energy and can be restated that if a system is closed to energy going in or energy coming out, the energy within will remain constant. The implication of this with respect to evolution is that a better evolved living thing is a higher energy thing, and this defies the First Law of Thermodynamics. However, living things are not "closed systems" with respect to input and output of energy, but rather exchange energy with its surroundings on a continual basis,

Consider that an adult is a higher energy system than he or she was as a baby. This is because the baby was not a closed system but rather received energy (food) from its surroundings. Our universe is a system which is in a state of continual overall decline, but this does not preclude some portions of our system from increasing in energy as other things around are decreasing. The Sun loses great amounts of energy every day. A tree receives some of this heat and changes to a higher energy state (bigger) on a daily basis. The Sun and the tree both work within the First Law Of Thermodynamics.

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I have heard of the Second Law of Thermodynamics and the concept of Entropy disproving evolution. I have seen it stated as a fact (Willmington's Guide To the Bible, p. 16) without explanation, as if anyone should know how it applied. There is no clue as to how it would apply or proves anything with respect to evolution.

The following chart gives a breakdown of how atheistic evolution and Godly creation views the history of the universe with respect to the creation of matter and life, Definitions of terms used follow the chart:

	<u>HISTORICAL EVENT</u>	<u>ATHEISTIC EVOLUTION EVENT</u>	<u>HOW</u>	<u>CREATION OF GOD SCR IPTURE</u>	<u>HOW</u>
1.	NOTHING EXISTED			GEN 1:1	
2.	CREATION OF MATTER AND ENERGY	UNEXPLAINED	X	GEN.1:1	GOD
3.	RECYCLE LIFE OF UNIVERSE AFTER LAST COLLAPSE	BIG BANG	U	DIDN'T HAPPEN	
4.	ASSIMILATION OF MATTER AND ENERGY INTO ORDER	SHORT TIME AFTER BIG BANG	U	GEN 1:6-10	GOD
5.	CREATION OF LIFE	ACCIDENT IN PRIMORDIAL BREW	U	GEN. 1:11	GOD
6.	CREATION OF SPECIES	EVOLUTION	U	GEN. 1:11-27	GOD
7.	LIFE AFTER CREATION OF SPECIES	NATURAL LIFE	U	NATURAL LIFE	U

U = Uniformitarianism: means that the forces and mechanism at work in nature today are presumed to be those which have always been at work in nature.

X = Unexplained: means that it did not happen by the forces and mechanisms which we see in nature today, and we have no idea as to how it happened,

GOD = God: means that it is assumed to be an act of God.

Big Bang = Big Bang: means the theory that a former universe collapsed on itself with such force that it super compressed itself to an extremely small size and then exploded with a "big bang" which propelled parts of matter into space. Our earth and other planets and stars are theorized to be a part of this matter. The extremely small size was pure unorganized energy and it "condensed" into the organized matter we see.

If you believe in the Big Bang theory, you have a universe, which is charged with energy. Given the energy and the ability to move it around in open systems, the further events of

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creation of life and creation of species by evolution do not conflict with the 1st and 2nd Laws of Thermodynamics.

Neither the First Law of Thermodynamics, the Second Law of Thermodynamics, nor Entropy have any bearing on the truth or lack of truth of evolution. We should not try to do an admirable thing such as defeating theories of creation of species by evolution, by misapplying scientific principles,