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# **The 2nd Law Buries Evolution**

We hear a lot about the 2nd Law of Thermodynamics and how it supports Creation, not evolution. But what do evolutionists say about it? Is this a one sided argument? This newsletter will show you that it is indeed a final nail in the coffin for evolution. The Second Law of Thermodynamics comes from the Greek word Therme (heat) and Dynamis (Power). Evolution states that things are moving in an upward manner towards more complexity. Technically, both the first and the second law bury evolution. Both laws are considered empirical Laws of Nature and are not questioned by anyone today.

The first law states that matter can neither be created nor destroyed because matter is being conserved. In other words, nothing is coming into existence and nothing is leaving. Now think about that. If matter and energy are not being made nor destroyed where did the original matter come from? Since there is absolutely no known scientific process that has been able to defy this Law, evolution must be called a faith. In his book, *Origins and Destiny* Dr. Robert Gange, an evolutionist, writes, "The First Law teaches that a natural process cannot bring into existence something from nothing... .the universe had a beginning, which seems to be

scientifically accepted, then one conclusion is that something unnatural created the universe... taken at face value, this conclusion is consistent with the total sum of evidence before us." (Gange, p. 18).

On to the Second Law which states that energy goes from a state of usable energy to a state of less usable energy for doing work in an isolated system. It also states that entropy (losing the ability to do work) always increases in the universe. One example of this Law can be seen with a cup of hot water. The hot water has molecules moving quickly and, therefore, has a high level of energy. However, heat always flows to cold so the heat (available energy) will slowly disappear into the air causing the air temperature in the room to rise slightly. But now this heat has become unusable energy because that heat will never cause the water to become hot again. Eventually the room temperature will match that of the water temperature and an equilibrium will have been met. Even the famous evolutionist, Isaac Asimov, said of this Law: "The universe is constantly getting more disorderly! Viewed that way, we can see the second law all about us. We have to work hard to straighten a room, but left to itself it becomes a mess again very quickly and very easily. Even if we never enter it, it becomes dusty and musty. . . In fact, all we have to do is nothing, and everything deteriorates, collapses, breaks down, wears out, all by itself - and that is what the second law is all about." (Smithsonian Institute Journal, June 1970, p.6).

If everything is wearing out, then the universe had to have a beginning, and that beginning had to have a high level of energy and available work. It must have been much better than what we see today. What do evolutionists say about this? They claim (rightly so) that there are three types of systems: open, closed and isolated. \* An open system can have matter and energy added or taken away. For example: energy is constantly being added to the earth from the sun. Another example would be a cow eating the

grass that energy from the sun helped grow.

\*A closed system can have energy added or taken away but not matter. For example: a thermos with hot water will have energy lost as it cools down but the water will remain. \* An isolated system cannot receive or lose matter or energy. The only theoretical isolated system is the universe because nothing comes in and nothing goes out.

Therefore, an evolutionist would say that the second law only applies to an isolated system and the earth is an open system since energy (sun) can be added to the earth. Therefore, evolution could occur. Then they will state examples such as a seed growing into a full grown tree or a fetus growing into an adult. Isn't this increased complexity? NO.

Evolutionists conveniently leave out vital information. In order for life to have formed and to have become more complex you would need 4 requirements: 1) An open system like the earth, 2) A source of energy like the sun, 3) A mechanism to capture and change the energy into a useful form. (A plant uses photosynthesis to use the sun's energy), and 4) Something to use this converted energy for useful, metabolic work. Evolutionists always speak of the first two steps but always leave out the other two. No matter how much energy is added, unless it can be captured, stored and transformed to a usable energy it is useless. This can be clarified by picturing your home computer being torn apart. Now try typing on your keyboard. Nothing will happen if there is no mechanism (hard disk, memory etc.) to capture the energy put in. Likewise, DNA and biological mechanisms have much more complexity than a hard disk. All cells can capture, store and transform energy. If this wasn't available what good would adding energy (sun) to an open system like the earth be in the process of evolution? Where did this information in the cells come from? Isn't this putting the cart before the horse? How could it evolve? Not only that, but what

good would captured energy be if you don't know what to do with it? That would be like wiping everything off your hard drive on the computer and just typing on the keyboard. Though energy is being put into the computer, the energy cannot be decoded into useful information. So again the question must be asked: Where did the information come from to direct the use for stored chemical energy into complex processes seen in cells today? This is what evolution would produce: 1) The sun provides energy for work and increased complexity. 2) There is nothing to capture the energy so we need to have something evolve to do so. 3) We have no energy to do this because there is no way to capture and use the sun's energy. Go back to step 2. Go to step 3, then 2, then 3, then 2. See the circular logic? Therefore, simply adding energy to a system cannot cause something to evolve. Back to the seed turning into a tree and a fetus growing to adulthood. In both cases, there was already a mechanism to capture, convert and use energy in the tremendous amount of information stored in its DNA. So where did DNA come from? Also, all this information is present from the start. No new information is ever put into the DNA of any living thing. In addition, from the moment of conception every cell begins to deteriorate and use its available stored information and energy until eventually the second law wins and death occurs.

We can even take the basic components of a cell and lay them out in the sunlight (or add any kind of energy you wish) and they will do nothing but decay, just as the second law says. Simply adding energy to an open system is not enough to overcome the second law of thermodynamics. You first need information.

Other evolutionists will say that ice crystals overcome the second law because they are very orderly. However, simple order is nothing. An ice crystal could be compared to a book of nothing but AF AF AF AF AF AF AF AF. There is no information in AF, it is just a repeated pattern. In addition, ice crystals actually show increased entropy because it is at a lower energy level due to the lack of heat

(energy). Therefore, as ice forms, energy is being lost and the opposite is required to form complex molecules in life.

Everything we have discussed can logically prove that God exists. If you ask an evolutionist where the original matter came from to begin the universe in the big bang they may ask you where God came from (eternal God or eternal matter argument). If so, ask them if something can create itself. (Remember, the first law says it cannot). They will have to say no. Then ask them if nothing can create something. They will again have to say no. Then say, if something cannot create itself and nothing cannot create something, the only possible answer to where the original matter came from is that somebody or something OUTSIDE the universe created it. As Christians we know that somebody to be GOD. God is self existing. The evolutionist may then say matter is self existing, however, matter cannot self exist because the second law tells us that if matter were eternal, by now we would be at a standstill because everything wears out according to the very law of science. However, since God is OUTSIDE of the universe He is also outside of its laws and He CAN be self existing. The second law will only apply to things within the universe.

Clearly, it took outside intelligence to put the necessary information into this universe. It also could not have started simple and worked its way up because that goes against the second law. If the universe is becoming less organized as this law says, then the initial energy, organization and complexity originated with our Creator - Jesus. "In the beginning was the Word, and the Word was with God, and the Word was God. He was with God in the beginning. Through Him all things were made; without Him nothing was made that has been made. In Him was life, and that Life was the Light of men. The Light shines in the darkness, but the darkness has not understood it" (John 1:1-5).