

# Laws Of Science

**Albert Einstein** "We are in the position of a little child entering a huge library filled with books in many different languages. The child knows someone must have written those books...We see a Universe marvelously arranged and obeying certain laws..." *Einstein: A Life*, 1996, p.186

## **First Law of Thermodynamics**

**Albert Einstein**, "Classical thermodynamics...only physical theory of universal content concerning which I am convinced that within the framework of applicability of its basic concepts, it will never be overthrown." *Science*, Vol. 157, p. 509 **Isaac Asimov**, "This law is considered the most powerful and most fundamental generalization about the universe that scientists have ever been able to make. No one knows why energy is conserved... All that anyone can say is that in over a century and a quarter of careful measurement scientists have never been able to point to a definite violation of energy conservation, either in the familiar everyday surroundings about us, or in the heavens above or in the atoms within." *Smithsonian Institution Journal*, June, 1970, p.6. **Origin Of Matter?** "Perhaps in an infinite sea of nothingness, globs of positive and negative energy in equal-sized pairs are constantly forming, and after passing through evolutionary changes, combining once more and vanishing. We are in one of these blobs in the period of time between nothing and nothing, and wondering about it," *Science Digest*, Vol.69, p.69. **Something From Nothing?** **G.K. Chesterton**, "It is absurd for the evolutionist to complain that it is unthinkable for an admittedly unthinkable God to make everything out of nothing, and then pretend that it is more thinkable that nothing should turn itself into everything." *National Review* 6/5/87, p.47. "The unbeliever believes that there was nothing and nothing happened to nothing but then nothing magically exploded for no reason, creating everything and then a bunch of everything magically rearranged itself for no reason into self-replicating bits which then turned into dinosaurs and eventually people." [DRP]

## **Second Law of Thermodynamics**

**Familiar To Everyone**, **Isaac Asimov**, "Another way of stating the second law then is '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. How difficult to maintain houses, and machinery, and our own bodies in perfect working order: how easy to let them deteriorate. 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 Institution Journal*, June, 1970, p. 6.

**Deterioration Observed By Everyone, Houses, Cars. Evolution Model Says Up. Law Says Down. Which Should Prevail?**

**Response – "Energy From Sun." Answer: "Necessary but not sufficient."**

**Surplus Energy: Insufficient!** **George Gaylord Simpson & W.S. Beck**, "But the simple expenditure of energy is not sufficient to develop and maintain order. A bull in a china shop performs work, but he neither creates nor maintains organization. The work needed is particular work; it must follow specifications; it requires information on how to proceed." *An Introduction To Biology*, p. 466. **Immense Amount Of**

**Information:** **Carl Sagan**, "The information content of a simple cell has been estimated as around  $10^{12}$  bits, comparable to about a hundred million pages of the Encyclopedia Britannica." *Life*, Vol.10, p.894. **Half A Million DVDs**, "... a single gram of DNA would hold 2.2 million gigabits of information, or about what you can store in 468,000 DVDs." *Science*, 1/23/2013. *Equals information in stack of DVD's more than two football fields taller than Empire State Building*. "The average mammalian cell contains about 10 BILLION protein molecules. The Empire State Building incorporates about 10 MILLION individual bricks." *BioEssays*, 12/20/13

**Challenge: Give Example of "natural" increase of information. Mutation? Texas Salamander? Richard Dawkins? Stumped!**

**Evolution Requires "Open System" (Outside Source) For Both Energy & INFORMATION**

**Source For Energy is the Sun (locally). SOURCE FOR INFORMATION IS ?????**

**Asked for source of information at university after university.**

**Response? VERY LOUD SILENCE.**

**Life Of The Past Demonstrates Deterioration**

**Evolutionists "Believe" live has increased. Graduated man charts; Graduated horse charts.**

**"Faith" Contradicted:** "Sophisticated study of 15,484 land mammals and birds. "Species...are disappearing...biodiversity...is disappearing... downsizing mammals & birds...25.2%...reduction...next 100 years." *Nature Communications*, May 23, 2019. **Von Engeln & Caster**, "Also that mammalian life was richer in kinds, of larger sizes, and had a more abundant expression in the Pliocene than in later times." *Geology*, p.19.

**"Giants Of The Past," "Leakey**...had been scouring the gorge since 1931. Over the years he has unearthed the bones of an ancient pig as big as a rhino, a six-foot-tall sheep, a twelve-foot-tall bird and the flattopped skull of the erect 'Nutcracker man,'" *Time Magazine*, 3/10/1961.

**Neandertal** averaged 5'8", **Cro-magnon** 6'6" **USA** 5'9.3", **China** 5'4.5", **India** 5'5", **Iraq** 5'5.1", **Spain** 5'3.3".

**Larger Boy**, Richard Leakey "... the boy from Turkana was surprisingly large compared with modern boys his age; ... he would probably go unnoticed in a crowd today. This find combines with previous discoveries of Homo erectus to contradict a long held idea that humans have grown larger over the millennia." *National Geographic*, 11/19/85 p.629 p.158. Excavated 9 foot donkey (at shoulder) and 11 foot bison (at shoulder) near Lubbock, TX. Giant rabbit, Society of Vertebrate Paleontology, Volume 31, 2011 - Issue 2. **Volkswagen sized armadillo**. *Science*, 2/26/2016. **14 foot turtle** near Big Bend National Park, TX. **Titanoboa**, 1.25 tons "A recently discovered prehistoric monster snake... measuring 14m (app.50') the giant reptile could swallow a whole crocodile..." *BBC World News*, 4/2/12. **"Giant Camel."** "Scientists have unearthed the fossilized remains of a giant species of camel in Canada's high Arctic." *BBC News*, 3/5/13. **50 foot Shark**. **"Ratzilla"** *Science News*, 9/20/03 "Dig reveals real mighty mouse 8 million years ago, buffalo-size rodents roamed Venezuela" *Science*, 9/19, 2003. "new South American fossil species of the rodent... This species with estimated body mass on nearly 1000kg... [one ton+]," *Proceedings of the Royal Society*, 1/15/2008. **Lion** seven times bigger than an adult lion today. "It looked like a lion, weighed more than a polar bear, and could probably eat herbivores the size of elephants." *Science*, April 19, 2019. "...elephant-size **Ground Sloth**..." *Science*, 6/19/2019. "

**Fossil Fleas**, "Paleontologists have discovered fossils of the oldest known fleas...that ranged between 5-10 times the size of modern day fleas..." *Science* 2/29/12. Personally excavated **18" cockroach**, Oblong, IL. "...a giant arthropleurid [**millipede**] body fossil... The original organism is estimated to have been 55 cm in width and up to 2.63 m in length, weighing c. 50 kg." *Journal of the Geological Society*, December, 21 2021. "Giant **Scorpion**, 6.5 feet long." Dragonfly 29". "**Why Were Prehistoric Insects HUGE?**" Alexander Kaiser, Ph.D., of Midwestern University's Department of Physiology, Division of Basic Sciences, was the lead author in a recent study to help determine why insects, once dramatically larger than they are today, have seen such a remarkable reduction in size over the course of history." *Science Daily*, 8/8/07. "Extinct New Zealand **eagle** may have eaten humans..." "Much larger than modern eagles..." *PhysOrg*, 9/11/2009. **Giant Fossil Penguin**, "...stood almost seven feet tall, and weighed around 250 pounds. ...By comparison, the largest species of penguin alive today, the emperor penguin, is about 4 feet tall and can weigh as much as 100 pounds." *Geobios*, May-June 2014. "A **giant goose** that lived on a Mediterranean island between six and nine million years ago had wings tailored for combat. Weighing 22 kilograms and standing perhaps 1.5 metres tall, ... the biggest member of the duck, goose and swan family ever to have lived." *The Royal Society*. **Demon Duck of Doom**, "Bullockornis...stood approximately 2.5 metres (8 ft 2 in) tall. It may have weighed up to 250 kg (550 lb). ...a very large beak designed for shearing,...the bird may have been carnivorous." Duke University. "Personally excavated **80' cattail** (some 120')." Personally excavated **177' Seismosaurus**, near Elk Springs, CO. One remaining member of Beak-head Family (incl. dinos) *Sphenodon*, Tuatara (up to 18").

#### **Continents Demonstrate Deterioration**

127.5 billion tons of sediment eroded to ocean annually; enough to fill a freight train reaching all the way to the moon and half way back.

#### **Comets Demonstrate Deterioration**

**Comets Split, Die**, Fred L. Whipple, Dir., Smithsonian Astrophysical Observatory, "Comets tend to split in pieces, particularly when they are near the Sun or Jupiter, but also when they are quite undisturbed in space. Some comets seem to tire out and die." *Mystery Of Comets*, 1985, p.93

#### **Stars Demonstrate Deterioration**

**Star Birth Unobserved**, C.J. Lada and F.H. Shu, "We have yet to directly observe the process of stellar formation." *Science*, 248:572 (1990) **Should Be Observed!** 100 Billion Galaxies (200 Billion Stars Each) If formed Over 20 Billion Years... Formation Rate = 31,746 Stars Per Second! **"Theoretically" Impossible**, J. C. Brandt, "Contemporary opinion on star formation holds that the objects called protostars are formed as condensations from interstellar gas. This condensation process is very difficult theoretically and no essential theoretical understanding can be claimed; in fact, some theoretical evidence argues strongly against the possibility of star formation. However, we know that the stars exist, and we must do our best to account for them.", *Sun And Stars*, p.111 **Unexpected**, Geoffrey Burbidge, Director, Kitt Peak National Observatory, "If stars did not exist, it would be easy to prove that this is what we expect.", *Stellar Structure*, p.577

#### **Galaxies Demonstrate Deterioration**

Carlos Frenk, Cosmologist, University of Durham, UK, "We're starting from a shaky foundation. We don't understand how a single star forms, yet we want to understand how 10 billion stars form." *Science*, 1/23/2004, p.460. Hubble Sees Better-Gets "Worse", "Hubble telescope reveals farthest view into the universe ever. The photos reveal a wide range of galaxies, from spirals that are Milky Way- lookalikes, to hazy reddish blobs." *Space.com* 9/25/12. "... **Glaring Question**: Why do Galaxies and the young universe appear so mature?" Gemini Observatory, 1/5/04. Unexpected Observation, Richard Cowen U of CA., Davis "Galaxy- formation theory is in peril. ...over the past 18 months, several teams have found so many massive galaxies from this early epoch that the theory is being stretched to its breaking point, several astronomers say." *Science News* 10/8/05. **"Theoretically" Impossible**, James Trefil, Physics, George Mason U., "It seems that the more we learn about the basic laws of nature, the more those laws seem to tell us that the visible matter—the stuff we can see—shouldn't be arranged the way it is. There **shouldn't be galaxies** out there at all, and even if there are galaxies, **they shouldn't be grouped** together the way they are. ...The problem of explaining the existence of galaxies has proved to be one of the thorniest in cosmology. By all rights, **they just shouldn't be there**, yet there they sit. It's hard to convey the frustration that this simple fact induces among scientist...Despite what you may read in the press, we still **have no answer** to the question of why the sky is full of galaxies..." *Dark Side Of The Universe*, 1988, pp.255, **Martin Rees**, "The most basic questions about galaxies are still not understood. If galaxies didn't exist, we would have no problem explaining that fact.", *Dallas Morning News*, 8/15/1988. **Stuart Ross Taylor**, Lunar and Planetary Institute, "The ultimate origin of the solar system's angular momentum remains obscure." *Solar System Evolution: A New Perspective*, Cambridge University Press, p.53. **Sir H. Jeffries**, Cambridge, "I think all suggested accounts of the origin of the **Solar System** are subject to serious objections. The conclusion in the present state of the subject would be that the system can not exist." *The Earth*, p357. **J. Lissauer** "All in all, developing a theory of lunar origins that could make sense of data obtained from the Apollo lunar landing programme proved very difficult. So much so, in fact, that when I took a class on our planetary system from Irvin Shapiro two decades ago, he joked that the best explanation was observational error — **the moon** did not exist." *Nature*, V.389, 9/25/1997, p.327. **Marcelo Gleiser**, Professor of Physics and Astronomy, Dartmouth "When you hear very famous scientists making pronouncements like...cosmology has explained the **origin of the universe**... That's complete nonsense" March 19, 2019

#### **Ubiquitous, Natural, Relentless Deterioration Necessarily Implies Supernatural Beginning**

**Requires Beginning**: **Isaac Asimov**, "As far as we know, all changes are in the direction of increasing entropy, of increasing disorder, of increasing randomness, of running down. Yet the universe was once in a position from which it could run down for trillions of years. How did it get into that position?" *Science Digest*, May 1973, pp.76-77. **Paul C.W. Davies**, Kings College, London, "The greatest puzzle is where all the order in the universe came from originally. How did the cosmos get wound up, if the Second Law of Thermodynamics predicts asymmetric unwinding toward disorder?" *Universe In Reverse*," *Second Look*, 1, 1979, p.27. **H.J. Lipson**, Physics, U. of Manchester, "I think however that we should go further than this and admit that the only accepted explanation is creation. I know that is anathema to physicists, as it is to me, but we must not reject a theory that we do not like if the experimental evidence supports it," *Physics Bulletin*, Vol.31, 1980, p.138. **One Adequate Cause**, **G.J. Van Wylen**, **Richard Sonntag**, "...we see the second law of thermodynamics as a description of the prior and continuing work of a creator, who also holds the answer to our future destiny and that of the universe." *Fundamentals Of Classical Thermodynamics*, 1985, p.232.

#### **Laws Of Science Testify Of Law-Giver**

Genesis 2:1 “Thus the heavens and the earth, and all the host of them, were finished.”

,” James H. Shea, Ed., *Journal of Geological Ed.*, “The most serious problem with this concept grows out of the fact that it uses a metaphor, the Laws that govern or control nature... We seem to believe that there literally are such laws. The concept is anachronistic in that it originated at a time when the Almighty was thought to have established the laws of nature and to have decreed that nature must obey them... It is a great pity for the Philosophy of Science that the word 'law' was ever introduced,” *Geology*, v.10, p.458.

**Larger Boy**, Richard Leakey “. . . the boy from Turkana was surprisingly large compared with modern boys his age; . . . he would probably go unnoticed in a crowd today. This find combines with previous discoveries of Homo erectus to contradict a long held idea that humans have grown larger over the millennia.” *National Geographic*, 11/19/85 p.629 p.158

**Why** – “Global- Warming is reducing the body size of many animal and plant species. . . micro-organisms to top predators, mammals, birds. . . beetles, bees, spiders, wasps. . . grew smaller over multiple generations due to climate change. . .” *Physorg.com* 10/16/11. “Global warming often leads to global shrinking for mammals, like us, a new study suggest.” *AP*, 3/18/2017.

**Elephant. . . would have been twice the size of the largest modern elephant.**” *BBC News* 6/19/2004. **Wolf-size. . . otter**, “weighed approximately 110 lbs., almost twice as large as the largest living otter.” *ScienceDaily*, 1/23/2017 “. . . fossil bones from a 4 m tall, 500 kg [12', 1100 lb] bird that once roamed the Australian Outback (along with **giant kangaroos** and wombats the size of cars), were discovered near Central Australia's Alice Springs.” Peter Murray, Mu. of Central Australia, Quoted in *Daily Telegraph*, 8/17/2002, p.7. *Wikipedia* p.13.

**ALL Insects Larger**, “In general all the Pennsylvanian insects were larger than the ones we know today.” *Trilobite, Dinosaur And Man*, Clifford Simak, p.158.