IF YOU BELIEVE IN EVOLUTION

A COLLECTION OF COMMONLY KNOWN TRAITS AND GENETICS, WITH CITATIONS, THAT COULD NOT HAVE BEEN CREATED BY EVOLUTION

By Charles R. Chesnutt, Sr.

For God so loved the world that He gave

His only begotten Son, that whosoever believes
in Him should not perish but have everlasting life.

John 3:16

"Buy the Truth and sell it not."

Proverbs 23:23

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Forward

The author is a bankruptcy attorney in Dallas, Texas, where he has resided since 1979. He is married and the father of four. After graduating from Dallas Theological Seminary in 1983, he returned to the practice of law,



not having received God's call to a different ministry. He is an ardent student of scripture and has been so since completing seminary. He is an evangelist and an author. He publishes his works without charge on BIBLEBOOKS.CO (Proverbs 23:23) and publishes a website that argues for creation ex nihilo from the perspective of design in nature. That website is located at CREATIONDESIGN.ORG.

Charles is the father of 4 and married to Mary Chesnutt, whose help and support made this booklet possible.

Ultimately, the argument contained hereiin is this. If we disregard any notion of God and disregard any predisposition toward Darwinism, it is evident that the wonders in this book are the product of intentional design.

Proponents of evolution do not speak of the wonders contained in this booklet in the context of the creation/evolution controversy because evolution cannot hope to explain them.

> Charles Chesnutt, Sr. Dallas, Texas April 2019

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If You Believe in Evolution...

WHAT DO YOU REALLY BELIEVE IF YOU BELIEVE IN EVOLUTION?

Evolution teaches that all of life occurred by numerous successive, slight modifications (random genetic mutations) that enabled mutated organisms to predominate.

Is there is any degree of complexity that would demonstrate that life was not caused by a series of random mutations?

Darwin acknowledged that a significant degree of complexity that would disprove his theory:

"If it could be demonstrated that any complex organ could not have been formed by numerous successive, slight modifications my theory absolutely would break down."

Since Darwin wrote the Origin of Species in 1859, science has discovered a complexity of life that is literally beyond comprehension, a complexity that cannot be accounted for by theoretical, random mutations.

So, exactly what do you believe if you believe in evolution? You believe that the complexity contained in the following pages occurred by a series of accidental genetic mutations and dying animals.

That is simply impossible. It could never have occurred.

CO

1. Charles Darwin, *Origin of Species* (John Murray, Albemarle Street, London, 1859) p.189: http://www.gutenberg.org/files/1228/1228-H/1228-H.HTM

DNA

NINETY THOUSAND CHEMICAL FORMULAS

If you believe in evolution, you believe that millions of fortunate mutations invented 90,000 chemical formula—and then came up with a code that could record them. And then inscribed all of them upon a molecule.

And then these same mutations came up with how these chemicals would be produced and applied, so they wrote the instructions into the molecule as well until the information in the molecule containned enough information to fill 479 volumes of Encyclopedia Britannica.

And this was difficult, you see, because the code for all of this could not have evolved because it is logical (a digital language), not a physical entity.

DNA is a molecule found in every cell of our body. It contains the chemical formulas for all of the different proteins that our body needs. All of the formulas are written in a code. This is much like the Morse Code, but the Morse Code is written with dots and dashes. The DNA code is written by arranging four different molecules into various patterns. The DNA code is the code for some 90,000 complex chemical formulas for human proteins.

- 2. "The sequence of bases in DNA operates as a true code in that it contains the information necessary to build a protein expressed in a four-letter alphabet of bases which is transcribed to mRNA and then translated to the twenty-amino-acid alphabet necessary to build the protein." *The Genetic Code in DNA* (Georgia State University): http://hyperphysics.phy-astr.gsu.edu/hbase/organic/gencode.html
- 3. What is DNA (National Institutes of Health, 2015): HTTP://GHR.NLM.NIH.GOV/HANDBOOK/BASICS/DNA; See also See Wikipedia (Wikimedia Foundation, Inc., 2015), s.v. DNA: http://en.wikipedia.org/wiki/dna#cite_ref-1;
- 4. "The human genome contains approximately 3 billion of these base pairs, which reside in the 23 pairs of chromosomes within the nucleus of all our cells. Each chromosome contains hundreds to thousands of genes, which carry the instructions for making proteins. Each of the estimated 30,000 genes in the human genome makes an average of three proteins." *The Human Genome Project Completion: Frequently Asked Questions* (National Human Genome Research Institute, 2010): https://www.genome.gov/11006943; See also *Inside Life Science* (National Institute of General Medical Sciences): https://publications.nigms.nih.gov/insidelifescience/genetics-numbers.html (100,000 different proteins). There are various estimates, however. See https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4889822/#sec2title estimating 20,000 different proteins formed from 20 different amino acids.

But, of course, just writing down the formulas does not produce the proteins. In order to do that the accidental changes and natural selection (survival of the fittest) had to invent a tiny mechanism that can copy just one protein out of 90,000 coded formulas, leave the DNA unaltered, take the copy, translate the copy and then create the protein from the translation.⁵

Early on, evolutionary scientists called the other portions of DNA the "non-coding portions" because they did not believe that they contained anything of value. They called it "junk."

But later, those same scientists have discovered that the non-coding portions of DNA are part of the DNA design and are not junk at all: It is used to direct how the proteins are used.

The ENCODE project has revealed a landscape that is absolutely teeming with important genetic elements—a landscape that used to be dismissed as "junk DNA." Were our old views of how the genome is organized too simplistic?⁶

If we consider all of the DNA molecule, there are three billion specific uses of the four "letters" of DNA. All of the information contained in all of DNA would fill 462 volumes of the Encyclopedia Britannica.



How can that be? Each full page of print in that encyclopedia contains two columns of 72 lines. Each line contains an average of 50 letters. Therefore, there are approximately 7200 letters on each page. Discounting the picture pages, there are approximately 900 pages in each volume. Therefore, there are approximately 6,480,000 letters in

^{5.} See *From DNA to Protein* (University of Illinois at Chicago): <u>HTTP://WWW.UIC.</u> EDU/CLASSES/BIOS/BIOS100/LECTURESF04AM/LECT14.HTM

^{6.} Hidden Treasures in Junk DNA (Scientific American, 2012) Vol. 307, Issue 4: http://www.scientificamerican.com/article/Hidden-treasures-in-junk-dates. There is controversy regarding whether all of non-coding DNA is utilized. The latest word (January 2015) comes from Francis Collins, the Director of the National Institutes of Health in the United States, "I would say, in terms of junk DNA...it was pretty much a case of hubris to imagine that we could dispense with any part of the genome as if we knew enough to say it wasn't functional." JP Morgan Healthcare Conference in San Francisco, January 13, 2015.

each volume. There are 3 billion letters in a DNA strand. Three billion divided by 6,480,000 equals 462 plus a fraction. The DNA strand is therefore approximately equal to 462 volumes of the Encyclopedia Britannica.

If you believe in evolution, you believe that unobserved theoretical mutations (genetic errors) and environmental pressures (natural selection) invented all the proteins, put together a DNA molecule, invented the language to be used with the DNA, wrote down 90,000 complicated formulas into the *molecule*, invented a way to copy the formulas one by one, to translate them one by one and use that translation to produce 90,000 separate proteins accurately.

But there is far more complexity in life than just DNA.



A Thousand Million Million Connections

AS MANY AS THE LEAVES ON THE TREES IN A FOREST THAT IS HALF THE SIZE OF THE UNITED STATES

There are 1,000,000,000,000,000 neurological connections in a human brain. Each one of these is organized into a massive network and timed to the nanosecond.

This is a network that is so vast that it contains approximately the same number of organized connections as there are leaves on the trees in a forest that is half the size of the United States.

Evolutionists say this was created by a random mutations and dying animals. Imagine trillions of wires connecting every one of the leaves in the forest for the purpose of effectuating a massive network that *thinks*. God or not God, no open minded rational person would believe that.

"In terms of complexity, an individual cell is nothing when compared with a system like the mammalian brain. The human brain consists of about ten thousand million nerve cells. Each nerve cell puts out somewhere in the region of between ten thousand and one hundred thousand connecting fibers by which it makes contact with other nerve cells in the brain. Altogether the total number of connections in the human brain approaches 10¹⁵ or a thousand million million.

"Numbers in the order of 10¹⁵ are of course completely beyond comprehension. Imagine an area about half the size of the USA (one million square miles) covered in a forest of trees containing ten thousand trees per square mile. If each tree contained one hundred thousand leaves, the total number of leaves in the forest would be 10¹⁵, equivalent to the number of connections in the human brain!"⁷

That is a forest approximately the size of Saudi Arabia, Iraq and Iran combined. Or the size of Continental Europe or twice the size of India with every leaf connected with a wire, fully organized and able to produce thought, emotion and consciousness. It is simply impossible to sincerely believe that this happened by a series of beneficial genetic errors.

That is evolution at a rate of 2 new connections each minute for 4 billion years, or 1,051,000 new connections each year. And that is assuming no errors. The new connection would have to be installed, organized and operating to give the organism a survival advantage.

^{7.} Denton, Michael, *Evolution: A Theory in Crisis* (Adler & Adler, 1985), p 330. Dr. Michael Denton is a Australian molecular biologist and medical doctor who has lived and worked in London, Toronto and Sydney and who is best known for his biological research. This example assumes 100,000 leaves on each tree.

^{8.} There are 1460000000000 days in 4 billion years. When 1015 is divided by this number the result is 684 new connections each day. There are 1440 minutes in each day. This is a rate of two new connections each minute for 4 billion years.

^{9.} There are 525,600 minutes in a year. At a rate of 2 connection per minute, that is 1,051,000 new connections each year.

But science has shown beneficial mutations to be extremely rare. The most generous estimate is 1 beneficial mutation in every 150 mutations. ¹⁰ That means that the actual, observed rate of beneficial mutations could not possibly account for 2 new fully installed, organized and timed connections (without error) each minute for 4 billion years.

Consider just one connection. First of all, the dendrite (the "wire") must connect to the single proper receptacle out of perhaps hundreds of available receptacles.

Second, is timing and construction of the dendrite. The dendrite must be constructed so that the electrical signal travels through it at the proper speed so that the signal reaches the proper destination at precisely the right instant. The corresponding signal on the other end, or perhaps a transfer of the original signal charge, must be properly joined. That means that the signal as well as any corresponding signal must commence and arrive at the right place and at the exact instant that is necessary for the network to execute the requisite calculation. If not, then a cascade of inaccuracies will inevitably follow. Remember, we are dealing with electricity traveling inconceivably small distances, so timing has to be down to the nanosecond or less.

What happens if the dendrite does not connect to the proper location or what happens if the timing is off? Evolution argues that the inaccuracy is corrected in a later generation of the organism when a cosmic ray or something else alien to the organism alters the hereditary mechanism that constructs the dendrite and causes it to connect to a different location, or causes it to be timed differently. After a while, as mother nature fiddles around with the connection, she finally gets it right and the fortunate organism is better equipped for survival.

^{10. &}quot;...there is a lot of disagreement about the frequency, and even the existence, of beneficial mutations. In any case, they certainly are rare (estimates range from 1 in 150 new mutations to completely nonexistent). And it is important to note that, while changes like those listed above are certainly helpful, it is hard to see how they can introduce any significant changes into a species overall. Even widespread changes like the increase in lactose tolerance are unlikely to contribute to any sort of macro-evolution event." Erika Knott, *Examples of Beneficial Nutations in Humans* (U. of Alabama at Huntsville): http://ratiochristi.org/uah/blog/post/exam-ples-of-beneficial-mutations-in-humans/2011#.vsq4svnf98e (a pro-Creation-ism website).

[&]quot;Most mutations are neutral. Nachman and Crowell estimate around 3 deleterious mutations out of 175 per generation in humans (2000). Of those that have significant effect, most are harmful, but the fraction which are beneficial is higher than usually though. An experiment with E. coli found that about 1 in 150 newly arising mutations and 1 in 10 functional mutations are beneficial (Perfeito et al. 2007)." *Claim CB101* (The TalkOrigins Archive, 2008): https://www.talkorigins.org/ INDEXCC/CB/CB101.HTML (a pro-evolution website).

It is beyond reason to conclude that all of this was created through the random effects of accidental mutations and environmental stresses. No one could believe that unless one's mind has been firmly locked into an unalterable theological conviction that there simply is no Creator.

The basis for Darwinism is a theological conviction, not science. Science is objective; Darwinism is not.

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Gene Editing

EVOLUTION'S IMPOSSIBLE DREAM

There are three areas of the theory of evolution.

The first is where there is cross-breeding within a species and an external influence diminishes the population of one variety and leaves the other to predominate. This is a change within a species but nothing evolves. It is the natural re-arrangement of previously existing DNA; no new species new is produced.

The second area is where there is are beneficial mutations in the genetic structure that amplify the ability of the altered organisms to survive. Those altered organisms predominate (natural selection) and they do create a separate species. This is classic Darwinian evolution, also called macro-evolution. But there is very little evidence, if any, that can be used to directly support macro-evolution.

The third is where there is an actual genetic change within a species that enables an altered form of that same species to survive better than before. This is an adaptation within a species and it is called micro-evolution. There is clear and ample evidence of adaptation within a species.

What is the cause of this adaption? Darwinists theorize that the adaptation is caused by mutations of particular genes that made changes in the organism and made it better able to survive. If the Darwinists are correct, then adapted versions of organisms of the same species would be evidence of classic Darwinian evolution because more of those changes could result in a different species.

In order to demonstrate the mutation of particular genes, one need only compare the original gene and the improved gene and show that the gene in the improved version is different from the same gene in the original version. This can be done with the gene-mapping techniques now used.

The Garrett and Rosenthal study set out to do exactly that. The subject that they chose to study was a warm water octopus that had adapted to live in the frigid waters of Antarctica.

The tropical version of the octopus cannot survive in frigid waters because the temperature of the water drastically slows the transmission of its nerve impulses. But the same octopus does live in the antarctic. The reason why it can live in the Antarctic is because it produces a different kind of amino acid. Therefore, if the octopus is a product of Darwinian evolution, a study of the same gene in each octopus will show that they are different because the same gene in the cold water octopus would be a beneficial mutation.

The gene in the warm water octopus produces an amino acid called isoleucine. Whereas the same gene in the Antarctic octopus produces an amino acid called valine. Valine works in cold water because it speeds up the nerve impulses. The gene that produces isoleucine in warm water and valine in cold water is the only relevant difference between to the two octopuses.

Garrett and Rosenthal¹¹ figured that the gene that produces these amino acids will have to be different in each octopus because it produces isoleucine in one octopus and valine in the other octopus. They thought they were going to find proof of natural selection, but they did not. They found that the gene was the same in each octopus. The gene had not mutated.

On the basis of conventional natural selection, we hypothesized that the channels' genes would have evolved mutations to help tune them to their respective environments. Surprisingly, the primary sequences encoded by the two genes were virtually identical.

But if the genes were identical, how could they produce different amino acids? How can a gene for isoleucine produce valine instead?

The answer to that question effectively closes the lid on evolution for anyone whose mind is willing to look only at the evidence and not at theology.

^{11.} Garrett, S. and J.J. C. Rosenthal. 2012. RNA Editing Underlies Temperature Adaptation in K+ Channels from Polar Octopuses. Science, 334 (6070): 848-851)

A gene is a section of DNA that contains a code that the cell uses to produce a molecule of a particular kind of amino acid. In order to make the amino acid, the cell makes a copy of that section of the DNA (the gene) and then it uses the copy to produce the amino acid. So, how could the code for Isoleucine produce valine?

The Garrett and Rosenthal study discovered that there is a molecular mechanism inside the cell that takes the RNA copy that is normally used to produce isoleucine and reprograms it to produce valine.

[T]he transcribed messenger RNAs are extensively edited, creating functional diversity. One editing site, which recodes an isoleucine to a valine in the channel's pore, greatly accelerates gating kinetics by destabilizing the open state.¹²

How does this work? The cells of the octopus make a copy of the isoleucine gene for the purpose of producing a molecule of isoleucine. This copy is called RNA and this copying is a natural occurrence in all cells. The isoleucine RNA is not isoleucine itself but instead it is an arrangement a series of 4 different molecules that express a code that is used elsewhere to produce the isoleucine molecule.

But embedded in the octopus cells is a chemical machine that takes the isoleucine RNA and re-programs it to produce valine instead. That means that there is a chemical machine that modifies both the content and the arrangement of the molecules that produce isoleucine so that they produce valine instead. So here is a mechanism that moves molecules of RNA around to re-code it.

The molecular engine and whatever or whoever created it had to:

- 1. Know the DNA coding language generally;
- 2. Know that the "fix" for the warm-water octopus is valine;
- 3. Know the chemical formula for valine;
- 4. Know the genetic code for valine;
- 5. Know the chemical formula for isoleucine;
- 6. Know the genetic code for isoleucine;
- 7. Be able to recognize and isolate the isoleucine RNA;
- 8. Know which molecules in the isoleucine RNA have to be moved and know where to move them;

^{12.} Id (emphasis supplied).

- 9. Know which molecules in the isoleucine RNA need to be replaced;
- 10. Know what molecules to replace them with;
- 11. Be able to locate the requisite replacement molecules;
- 12. Be able to physically move the molecules that need to be moved;
- 13. Be able to replace the molecules that need to be replaced;
- 14. Know when the water was cold enough to require it to be done.

And all of this just "happened" and was perpetuated because all those octopus that it did not happen to died. Although all of this would be wholly useless to the survival of the octupus if it were not fully in place and operational, the Garrett study gives *absolutely no credence* to the possibility that this gene editing was created by an Intellect (the Creator).

This demonstrates that not all genome changes occur at random and that cells produce specific mechanisms to optimize their genome in response to the environment.¹³

How complicated it this recoding?

The mRNA code for isoleucine has 9 letters (ATT ATC ATA). The mRNA code for valine has 12 letters (GUU GUC GUA GUG), so the editing engine changes ATT to read GUU, changes ATC to read GUC, changes ATA to read GUA and then adds GUG on the end. So, 18 molecules have been changed. Note that it is the gene itself that has been edited, not simply replaced.

Evolutionists believe that accidental mutations and survival of the fittest created a chemical machine that knows how to move and replace 18 particular molecules in order to re-code a gene to produce a different amino acid.

That belief is simply absurd.

In order to believe that, one must decide that under no circumstances will a Creator be acknowledged. No amount of complexity is sufficient. 90000 chemical formulas inscribed into a molecule? All accidental beneficial mutations. Ten trillion organized electrical connections

that produce thought? Accelerated evolution (two connections every minute) for millions of years. Chemical machines that move molecules around pursuant to a pre-defined non-physical code? Pure accident and dying animals is the only permitted explanation.

On the other side? Similarities between species? Common traits? Apparent progressions in an incomplete fossil record? There are various explanations for these observations. They do not come near to explaining the wonders that are common knowledge in today's world.

But hard evidence for creationism is not relevant, not because it is not compelling, but because it is evidence for the existence of God:

Even if there were no actual evidence in favor of the Darwinian theory...we would still be justified in preferring it over rival theories.¹⁴

Science is supposed to be wholly objective, but there is no objectivity in this statement.

No matter what the evidence is, the evolutionist will never acknowledge that there is a Creator. Not because there is no evidence of the Creator, but because all evidence of the Creator is excluded.

In view of the weight of the evidence against evolution and statements such as the one quoted above, one must wonder whether one of the purposes behind the propagation of evolution is not science at all, but rather to obscure the existence of the Creator.

If not, then why is the bare possibility of a Creator excluded in every article? Why is only one side ever shown? Where are the substantive explanations as to how millions of extremely fortunate unobserved beneficial mutations created a network with as many organized connections as the leaves on the trees in a forest half the size of the United States and molecular machines that write codes? And all this against whalebones that look like bird bones? Cows that wandered into the sea and turned into whales? A skull called Lucy? Really?

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^{14.} Richard Dawkins, The Blind Watchmaker (NY Norton Publishing, 1986), page 287.



MEMORY IS NOT WRITTEN INTO THE CONNECTIONS OF THE BRAIN, BUT INTO THE ARRANGEMENT OF THE MOLECULES FORMING THE NERVE CELLS

If you are an evolutionist, you believe that random chance invented a non-physical code that could record memories. This includes all different kinds of memories, such as memories of people, of songs, of books, memories of logic, of sounds (music) and sensations like touch and everything else that we can remember.

If you are an evolutionist you also believe that random chance also invented—and produced—a system for writing that code into the individual molecules:

"Taken together, these findings suggest that the most likely unit of information storage during learning is not the neuron itself, but rather the molecules that comprise it." 15

The molecules are coded with a binary electrical code, similar to the code used in your computer. 16 And they are time-stamped:

"An MIT team led by Institute Professor Ann Graybiel has found groups of neurons in the primate brain that code time with extreme precision. 'All you do is time stamp everything, and then recalling events is easy: you go back and look through your time stamps until you see which ones are correlated with the event.' 17

^{15.} Clark, Gregory A. and Hawkins, Robert R. D. (1988). Learning and the Single Cell: Cellular Strategies for Information Storage in the Nervous System. In Davis, Joel L., Newburgh, Robert W., and Wegman, Edward, J. (Eds.) AAAS Selected Symposium: 105. Brain Structure, learning and memory (pp. 1-31) Boulder, CO; Westview Press, Inc..

^{16. &}quot;We believe that NMDA receptor activation—and reactivation—may serve to inscribe the ensemble activity patterns of the neural cliques that encode memories, thereby linking memory traces from the molecular level to the network level" Tsien, Joe Z. *The Memory Code* (Scientific American, July 2007), pp. 52 at p. 59. In this article the memory code is referred to as a binary code.

^{17.} *Time-keeping Brain Neurons Discovered* (ScienceDaily, Oct. 23, 2009): http://www.sciencedaily.com/releases/2009/10/091019162921.htm.

If you are an evolutionist, you also believe that random mutations figured out how to index them for future use. And then these same amazing random DNA mutations then produced a mechanism that does exactly that. They built an electrical molecular machine that can interpret a thought and instantly locate the desired set of molecular code out of the trillions of other coded molecules and bring the memory into consciousness.

What is evolution's explanation for these things? Why it's simple. All those animals that did not accidentally develop the molecular machine that writes memories into a code on to the arrangement of individual molecules died. The others lived. Simple. Next question?

The next question is this, "Why not consider that these things were intentionally constructed."

"We cannot consider that," says the Darwinist.

"Why not?" asks the student.

"Because evolution cannot posit the existence of a Creator that it cannot measure. There is nothing that we cannot perceive. We do not perceive a Creator; therefore a Creator does not exist."

And under no circumstances will there ever be a Creator:

Even if there were no actual evidence in favor of the Darwinian theory...we would still be justified in preferring it over rival theories [Creationism]¹⁸

"And you see yourselves as open minded scientists who are willing to consider all observations?"

"Of course we do. You are closed minded religious bigots and we are in control."

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^{18.} Richard Dawkins, *The Blind Watchmaker* (NY Norton Publishing, 1986), page 287.



THERE IS NO PROJECTOR INSIDE YOUR HEAD. IT IS ALL DIGITAL CODE THAT DESCRIBES MILLIONS OF COLORS

Each eye captures a pattern of light and then separates it into 126 million electrical signals (the number of rods and cones in both eyes). All of these 126 million electrical signals change whenever the eye moves. So they are constantly changing. They are electrical codes that are used to describe *millions* of different colors. On the colors of different colors.

These codes are transmitted to a living computer that can read the code and instantly processes millions of electrical signals, all of which change whenever an eye moves.

When the living computer (the brain) processes this data it creates an accurate full color, three dimensional, high density, full motion representation of what lies in front of our face.

The retina preprocesses images into least 12 different streaming motion pictures, each one transmitting only its assigned part of vision. For instance, one is a code that represents the edges and defines exactly where they are in relation to the rest of what is seen. There is another that encodes the shadows and another that codes the highlights and the rest represent 9 other separate and discrete portions of constantly changing images that are focused on the retina. Each of these streaming motion pictures must be written into the digital code that will be utilized to transfer it to the brain. The brain must be programmed to read the code and assemble and superimpose the 12 changing tracks and instantly create an essentially flawless three dimensional color representation of a reality to which it is not connected:

Overall, we have found that specialized nerve cells, or neurons, deep within the retina project what can be thought of as a dozen movie tracks - distinct abstractions of the visual world. Each track embodies a primitive representation of one aspect of the scene that the retina continuously updates and streams

^{19.} The number of rods and cones in eyes is well established, as well as the fact that each one of them produces a coded signal. *Rods and Cones* (Hyperphysics, Georgia State University, 2015): http://hyperphysics.phy-astr.gsu.edu/hbase/vision/Rodcone.html

^{20.} Leong, Jennifer, *Number of Colors Distinguishable by the Human Eye*, ed. Glenn Elert (The Physics Factbook, 2006): http://hypertextbook.com/facts/2006/Jennifer-Leong.shtml.

to the brain. One track for example, transmits a line-drawing line image that detains only the edges of objects. Another responds to motion, often in a specific direction. Some tracks carry information about shadows or highlights. The representations of still other tracks are difficult to categorize.

Each track is transmitted by its own population of fibers within the optic nerve to higher visual centers in the brain, where even more sophisticated processing takes place ...²¹

According to Passaglia, the retina is programmed to identify certain forms as important and encodes them in "bold print" so to speak.

Why these different tracks? It is more efficient because some change at different rates than others, so the brain is not required to decode them all at the same rate. Also because different tracks enable particular forms to be made prominent, such as predators or mates.

For instance, in Passaglia's experiment, the retina in a male horseshoe crab is programmed to recognize the code that transmits an image of a female horseshoe crab to the brain—and emphasize it. How did certain neurons become "dedicated" so to speak to encode only certain portions of a scene so that when they all act together the create essentially a flawless representation of outside reality? The neurons of the retina are not learning mechanisms, they don't learn how to transmit only a portion of what is seen. That is the way they function from the first. And the retinas of horseshoe crabs encode an emphasis on mates and predators. That is the way they are formed. How did this happen? Did the level of this perfection really occur through happenstance, random beneficial mutations and dying animals? Can we really see more than 16,000,000 different colors because unobserved accidental changes (that are still supposed to be happening today) made us better and better until we could see them all with each color defined by an electrical code?

Evolution's tired response is that everything just got better and better by accidental mutations until we had the vision that is described here. This is no explanation at all. The truth is that there is a clear and unmistakable design here that far exceeds what could ever have been accomplished by theoretical accidental mutations and survival of the fittest. There is an intentional design here.

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^{21.} *The Movies in Our Eyes*, Werblin, Frank and Roska, Botond, Scientific American, April 2007, p 73



THE MOST POWERFUL COMPUTER IN THE WORLD

If you believe in evolution, you believe that the human brain, which is a massive computer, was never programmed by anyone. Its programming simply happened because of dying animals, the environment and genetic mistakes.

There is another massive computer known as K. It is in Japan and it is the largest man-made computer in the world. It is so large it requires 9.89 megawatts of electricity to operate. That is the equivalent of the amount of electricity needed to run approximately 10,000 suburban homes. Fujitzu, the maker of the computer, does not publish the physical dimensions of K, but photographs show that K is enormous. It is so enormous that one does not describe K by the number of feet, but by the number of aisles of computer cabinets. There are at least 12 long aisles. K has more than 80,000 2.8 GHz 8-core SPAR64 VIIIfx processors and it computes at the rate of 10.51 quadrillion computations per second.²²

K was used for a human brain simulation program.

For the brain simulation, a team of programmers programmed K to simulate a neural network of 1.73 billion brain cells that interconnect with 10.4 trillion synapses; 82,944 processors were necessary and the memory required was in excess of that contained in 250,000 PC's. This massive programming effort was accomplished by an international team of programmers working together from 2009 through 2013. The task was enormous because computer programmers had to incorporate every

^{22. &}quot;The K computer is the world's first supercomputer that broke the 10 petaflops barrier. So how fast is 10 petaflops? The number ten "peta," or 10 quadrillion corresponds to 1 followed by 16 zeros. In Japanese, this is expressed as one "Kei." That is why this supercomputer is called the K computer. 10 quadrillion worth of computations is equivalent to the world's 7 billion people each performing one computation per second, 24 hours a day for about 17 days. The K computer is able to do all of those computations in just one second." *The K Computer is Incredibly Fast* (Fujitsu, 1995-2015): http://www.fujitsu.com/global/about/businesspolicy/tech/k/whatis/system/

one of the 10.4 trillion virtual synapses into the program. The result of the work was to create a brain simulation program that would simulate 1% of a human brain for one second.²³

K can process 52 billion computations in the brain simulation program in 1/25 of a second, which is the time it takes to open and close a conventional camera shutter. Each computation is logical and each one occurred pursuant to a pre-designed computer program that had been written by the team of programmers.

When all was ready, they tested their program and it processed approximately 1% of the data that a human brain processes in one second. And K did it. The test was successful.

But in order to do it, K had to compute for 40 minutes. During this time, it executed 124.8 quadrillion organized computations.

There are 2400 seconds in 40 minutes. Therefore, it took K 2400 times as long as it takes the human brain to execute the same number of calculations, and that is only 1% of what the brain does in normal course. K used the same energy that it takes to run 10,000 suburban homes for 40 minutes. The brain uses the energy derived from a crust of bread.

To process 100% of what a brain computes, K would have to process 100 times more data (K's 1% is 1/100 of the brain capacity). Taking these figures into account, the brain is 240,000 times as powerful as K. This is not really much of a surprise. The brain has 10¹⁵ timed, organized connections, vastly more connections than K.

When K is switched on there were two kinds of computers in that room: a human brain and K. It takes a team of renowned international programmers approximately 4 years to program one of them to process one second's worth of 1% of the human computer and 40 minutes to process it. If you are an evolutionist, you believe that only one of these computers was actually programmed: the slow one.

As far as the other one goes, it was the cosmic rays, the environment, dying animals and genetic errors that programmed that one.

^{23.} Largest Neuronal Network Simulation Achieved Using K Computer (Riken, 2013): http://www.riken.jp/en/press/2013/20130802_1, which article, as well as others on the Internet describes K and its brain simulation program.

No logical, realistic person could possibly believe that without simply, by force of will, rejecting the obvious truth. And indeed that is exactly what happens in Darwinist academia. The evidence is simply irrelevant—and they call it objective "science."

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Anti-scientific Argument

EVOLUTION IS FOUNDED ON THE BELIEF THAT GOD DID NOT CREATE ANYTHING

Evolution says that it cannot make any conclusion about God because a supernatural being cannot be measured. And since it cannot measure God, it must exclude the possibility of God creating life.

But then evolution turns around and says that it has proven that God had nothing to do with creation.

Evolution has not proven that God did not create, because Evolution has refused to consider whether there is a Creator or not. It has rejected Him *ab initio* (from the first). If I say there must be a reason for something but under no circumstances will the reason ever be X, I have proven absolutely nothing about X. And I cannot use my argument to prove that X does not exist. In the context of creationism, all I have proven is that *if I exclude the possibility of a Designer* then evolution is the only explanation.

But once one includes the possibility of a Designer, a Designer is the best explanation of the observed facts. It is for that reason that evolution will not—and never will—consider the existence of a Designer. If it did, it would spell its own demise.

It is not creationism that is anti-scientific. It is evolution. Science is founded upon the scientific method and evolution is not. The scientific method is systematic observation and the formulation of a theory to explain what has been observed. Evolution does not do this because it precludes the existence of a Creator as a possible explanation and a Creator is the only reasonable explanation.

Certainly evolution points to things that can be explained by evolution, but this is no proof because the same observations can be far better and far more consistently explained by pointing to the Creator.

Evolution argues that where organisms in one group are more complex than similar organisms in other groups, then this is evidence of evolution. That is no evidence at all because the different organisms have different purposes and different designs.

Evolution argues that since there are genetic changes within a species, this is evidence of evolution. It is not. It is evidence of changes within a species. Changes in color or shape within the same species proves nothing. Mankind is filled with an uncountable number of vari-

ous shapes and colors, and one cannot change man from being man by placing some of mankind in one category and others in another category.

Evolution has missed the point.

What explains the observed facts better? Creation by a Designer or creation by evolution? If one approaches the question with an open mind and without any opinion regarding a Creator or a Designer, which one better explains the following:

- A neuronet that accurately computes at 240,000 times faster than 10.51 quadrillion computations per second;²⁴
- 90,000 complex chemical formulas inscribed upon a molecule, the purely logical code that writes them down and the mechanism for reading them one at a time and assembling the molecule described;
- Electrical networks containing as many organized connections as there are leaves on the trees of a forest that is half the size of the United States;
- A logical code that describes 7 million separate colors, create a mechanism to receive millions upon millions of electrical instructions per second relating to color perception, depth perception, motion perception and extremely fine detail and transform them all into a consistent, full color, three dimensional, moving "image" that is an exact duplicate of what the eye sees;
- A mechanism that can transform all sensory perceptions into a consistent non-physical code and then, utilizing that same code, encode the experiences of a lifetime into the arrangement, the charges, of quadrillions of molecules—and then create a mechanism that acts upon a thought and locates any group of them for instant reply.

If one makes no presumption whatever regarding the existence or non-existence of a Designer, it is logically impossible to conclude that all of this happened through genetic errors, the environment and dying animals. One must first presume that God does not exist before one can accept the tenets of Darwinism. And once the scientist presumes that God does not exist he has based his science upon a theological premise.

Evolution is founded solidly on materialism. It presumes that what cannot be measured is non-existent. Hence, God is irrelevant to the theory of evolution because God is immaterial and incapable of being measured. But recent discoveries have largely reversed the foundational concepts and presumptions of materialism.

Things are material because they have mass and can therefore be measured. But the discovery of the Higgs Bosom particle shows that mass comes from the Higgs Boson field, not from the object itself.²⁵ Higgs has shown that matter exists separate from mass. Can an object or even a person exist without mass? If so materialism itself is without substance. Is massless existence spiritual existence?

Perhaps that is the reason why physicists refer to the Higgs-Boson particle as "The God Particle."

Hypothetical Falsifiability

IN ORDER FOR ANY THEORY TO BE CREDIBLE THERE HAS TO BE A WAY TO PROVE IT FALSE

If you believe in evolution, you follow a theory that cannot, by its own terms, ever be falsified. It argues that the simple existence of an organism is proof of the theory. If the organism is fully developed (as all organisms are) that is proof of evolution because it was evolution that made it so. If the organism is not fully developed, that is proof of evolution as well because it demonstrates that evolution is in process. And there cannot be a Creator, no matter how complex life is, because Creators are not acceptable.

It is a principal of logic that any valid theory must be hypothetically falsifiable or it is logically irrelevant. That is, in order for any theory to be initially credible there has to be a logical way to prove it to be false. That is, one must be able to check to see if the theory is true.

For instance, if one has a theory that purple spiders weave the snowflakes that fall in the winter time, the theory is obviously foolish, but it is hypothetically falsifiable because anyone can fly a plane to the clouds to see if there are any purple spiders making snowflakes. On the other hand, if the theory is that purple spiders weave snowflakes and the purple spiders are invisible, the theory is illogical on its face because it is not hypothetically falsifiable. One cannot point to falling snow and call it proof of purple spiders in the clouds.

Evolution argues "No matter how complex life is, it had to have evolved because there is no Designer." Creation asks, "How do you know that there is no Designer?" And evolution responds "Because everything evolved." That is not a logical argument. Evolution is not hypothetically falsifiable because it refuses to even consider the existence of a Designer.

On the other hand, Intelligent Design *is* hypothetically falsifiable because it does not refuse to consider the theory of Evolution. Intelligent Design may be falsified by showing that Evolution is simply a more credible explanation for what has been observed. But that cannot happen because Evolution has no substantive evidence and evolution cannot hope to explain the inconceivable complexity of creation.

Specifically, Intelligent Design may be disproved by showing evidence that 1000000000000000000 fully timed and organized neurological connections in the human brain occurred by a series of random genetic mistakes. Or by providing some evidence that cosmic rays, genetic acci-

dents and environmental pressures caused the formulas for 90,000 human proteins to be written in code into the arrangement of the billions of atoms inside a molecule. Or by showing that a living computer that computes 240,000 times faster than 10.51 quadrillion computations per second was created and programmed by some extremely fortunate genetic mutations.

But evolution cannot win that argument, so it argues things like whale bones or a species of fish that have different colors. The refusal of evolution to even consider the existence of a Designer disqualifies the theory *per se* from arguing that a Designer does not exist.

Evolution claims to be proven simply by the existence of anything living. It claims to be proven by the existence of any trait that aids an organism in its survival and it claims to be proven by the existence of any trait that does not aid an organism in its survival. It does not consider the possibility that anything other than evolution could have created creation and a priori excludes the possibility of a Creator.

Evolution admits of nothing that could theoretically falsify it. Evolution is therefore a theory that is not hypothetically falsifiable. In order for a theory to be valid, it must be hypothetically falsifiable. Evolution is not. Therefore evolution is, at its core, irrational.

One thing that could certainly invalidate the theory of evolution is a complexity that must have been created and designed by a Creator and could not have occurred by a series of accidents. But, as stated, evolution will not consider that argument because, according to evolution, the Creator simply does not exist. Therefore evolution is the only answer. Thus evolution is, by its own admission, not hypothetically falsifiable.

If it could be demonstrated that any complex organ could not have been formed by numerous successive, slight modifications my theory absolutely would break down.²⁶

Much has changed since 1859.

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26. Charles Darwin, *Origin of Species* (John Murray, Albemarle Street, London, 1859) p.189: http://www.gutenberg.org/files/1228/1228-H/1228-H.HTM

Knowing the Creator

NO ONE EVER REALLY BELIEVES IN GOD UNTIL HE MAKES HIMSELF KNOWN

There are really only two ways to see life. Either there is a spiritual part of man or there is no spiritual part of man.

If there is no spiritual part of man, then life is purely material and morality, virtue and the like are simply constructs that arise from the circumstances of existence. This is materialism.

If the materialist view is correct, then any spiritual side of man and all sense of anything spiritual is simply imaginary. Evolution is the creed of materialism.

On the other hand others perceive either the presence (or the absence) of a spiritual part of themselves. The absence of this spiritual part takes various forms. Many describe it as an internal void. Many recognize that if there is a God, then His job is to fill that void.

Many seek God but cannot find Him so they lapse into agnosticism. Many sense a lack of purpose or they simply know that they are somehow incomplete. But most feel as if they are searching for something, but they don't know what it is.

Most people who live with these sensations are spiritually dead but are not aware of it.²⁷

Salvation is the receipt of spiritual life—and and spiritual life can be experienced.

Of course, by very definition, spiritual life can never be self-generated because it would forever be discredited by the realization of its source. We must therefore despair of ever finding God by simply trying.

Instead of finding God, we must set our sights on *Him finding us*—and disclosing Himself to us in such a way that we know the source to be Him alone. In short, just believing that God exists doesn't work. There must be something more.

The something more is having all sin forgiven. All sin must be forgiven because sin causes spiritual death and if we are to have spiritual life, we must be rid of spiritual death that has been caused by sin. That

is what Jesus Christ did. He paid our sin-penalty for us. But receive the benefit of what He did, we must come to Christ and appropriate what He did.

Coming to Christ is a sincere decision to trust in Jesus Christ for the forgiveness of all sin. If we decide to come to Christ and accept the gift of forgiveness, then we will be forgiven and receive the gift of eternal life. It is a free gift:

...the gift of God *is* eternal life through Jesus Christ.²⁸

After we have received the gift of eternal life, we can experience the knowledge of God²⁹ and experience His immense peace.³⁰ We can experience knowing God through yielding to Him and keeping His word:

He that <u>has my commandments and keeps them</u>, he it is who loves Me.³¹ And he who loves Me shall be loved by My Father, and I will love him, and will disclose Myself [make Myself known] to him.³²

If a man love me, <u>he will keep my words</u>: and my Father will love him, and we will come unto him, and make our abode with him.³³

When God discloses Himself to us, we come to know Him, and this knowing Him is what eternal life is:

And this is life eternal, that they might know thee the only true God, and Jesus Christ, whom thou hast sent.³⁴

It is in this way that we can know God.

^{28.} Romans 6:23

^{29.} John 17:3 "This is life eternal, that you may know God..."

^{30.} Philippians 4:7 "And the peace of God, which passeth all understanding, shall keep your hearts and minds through Christ Jesus."

^{31.} To know God and to enter into a relationship with God is to love Him, because He is love. See First John 4:8 "...God is love."

^{32.} John 14:21. The meaning of this verse is that God will make Himself known to you.

^{33.} John 14:23

^{34.} John 17:3

In Summary

Our sin causes spiritual death. If we do not trust in Christ, then we will die in our sins,³⁵ and our spiritual death will find its ultimate conclusion in our eternal death.³⁶ So we have a choice. We can continue to live a life being spiritually dead or we can see what happens if we make a truly sincere decision to trust in Christ and a heartfelt surrender of our will to God's.

Jesus Christ died in our place. When we appropriate the gift of Christ's sacrifice, we are made righteous by that gift.³⁷ If we decide to trust in Christ for the forgiveness of sin, we will be forgiven.

After having been forgiven, God discloses Himself to us as we yield our heart to Him through sincere obedience to scripture.³⁸ The experiential presence of God must come through obedience because knowing God is eternal (spiritual) life³⁹ and one cannot embrace spiritual life⁴⁰ and at the same time embrace spiritual death by committing sin.⁴¹

This process is not a theoretical religious exercise. It is actually experienced.⁴² The result may come slowly or it may be sudden. Either way the result is astounding.

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^{35.} John 8:24 "Therefore I said to you that you will die in our sins; for if you do not believe that I am *He*, you will die in your sins."

^{36.} Revelation 21:8 "...unbelievers...shall have their part in the lake...which is the second death."

^{37.} Second Corinthians 5:21 "God made Him [the Messiah] who had no sin to be sin for us, so that in Him we might become the righteousness of God."

^{38.} John 14:21 "He that hath my commandments, and keepeth them, he it is that loveth Me: and he that loveth Me shall be loved of my Father, and I will love him, and will manifest myself to him."; John 14:23 "He that hath my commandments and keepeth them...we will come to him and make our abode with him."

^{39.} John 17:3 "This is life eternal, that they might know thee the only true God, and Jesus Christ whom thou hast sent."

^{40.} John 14:6 "I [Jesus Christ] am ... the life."

^{41.} Ephesians 2:1 "...you...were dead in trespasses and sins;"

^{42.} Philippians 4:7 "And the peace of God, which passeth all understanding, shall keep your hearts and minds through Christ Jesus."