

Creation News Update

Proclaiming the TRUTH of the Bible starting at Genesis 1:1

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But Jesus answered, "I tell you, if these (his followers) become silent, the stones will cry out!" Luke 19:40

We must speak for silence
would shame us, and the
rocks themselves would cry
out... You, O Lord Christ
Jesus, must be praised for
who You are in the world
You have made.

Hello! The latest science is full of new findings that show that God, in the person of Jesus, is Creator of the universe, you and us. Thank you for joining us in learning the Good News.



Guy & Cindy Forsythe

You will find technical references for our articles at:

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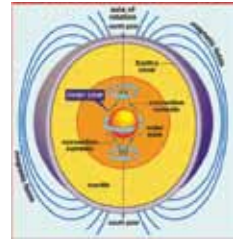
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Earth Magnetic Field

Last issue, we gave an example of the **Hypothetico-Deductive** model regarding the age of the moon. Commonly this is called **Hypo-Deductive** reasoning. We will abbreviate it to **H-D**.

In review: First, naturalism and an old earth are assumed. Then various hypotheses are established to try to explain features of reality within the assumption. Experiments are conducted to See **Dynamo** on page 2



A Magnetic Theory That Works

If the dynamo theory of the magnetic field of the earth is false, then how do we get the magnetic field we observe today? Dr. Russell Humphreys has proposed a model. As we will show, it is a very robust theory. Unlike theories like evolution, the big bang and most other naturalism-based origin theories, that make predictions that turn out incorrect, Humphreys has made many



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Science News to Learn By...

Mammals Appeared Long Ago

When we read stories about dinosaurs, we are told that only a few mammals existed at the time dinosaurs went extinct and they were mouse-sized. Over the past 20 years, we have read more and more science articles that show mammals were well

established at the time of the dinosaurs. For example, there are over 400 species of mammal fossils found in the layers with dinosaur fossils. *PhyOrg* reports new discoveries that push mammal "evolution" back another 74 million years. Many mammals existed with the first dinosaurs. **CRM**

Kenneth Miller Retracks His Critique

In last winter's issue, (you can download it from our web site) we showed that the human and chimp genomes are totally unrelated to each other. One of the arguments used by evolutionists to show that they are related is the supposed fusion of human chromosome 2. Jeffrey Tompkins showed that chromosome 2 is NOT fused. Evolutionist Kenneth Miller has stated that if the fusion site is not really there, chimps and humans are not genetically related. Therefore, upon hearing of Tompkins paper, he immediately pronounced that Tompkins was wrong. Tompkins sent Miller an email and soon they engaged in a cordial exchange of emails. It appears Miller had not actually read Tompkins paper nor looked at the studies he cited in the paper. In the end, Miller admitted that Tompkins was correct in what he published. But Miller has yet to make an announcement to the world as he did when falsely declaring Tompkins wrong.

Possibilities to Consider

From atheism to 330 million gods, religions of the world present a host of possibilities. Religions have different "denominations" though they may not be called denominations. Christianity is best known for having denominations, most likely because they are formal organizations. Hinduism has denominations. There is a big



difference between Hinduism in India and the USA. In India there is a very strong caste

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test the hypotheses. If it is discovered that none of the hypotheses work, the hypothesis scientists think is the best one is taught as true with the explanation that scientists just haven't figured it out yet. You will not hear that the laws of physics preclude it - that it cannot happen.

One of those hypotheses regards the creation of the earth's magnetic field. The current "theory" is no theory at all. It is a failed hypothesis.

Let's take a moment to review scientific laws. The relationship between magnetism and electricity was established by creationist James Clerk Maxwell during the 1860s. He is considered the father of modern physics. (Most fathers of sciences were Bible-believing Christian creationists.) He discovered the several laws of physics that determine the mathematical relationship between an electric current and a magnetic field generated by that current of electricity (and vice versa - magnetic fields create electric currents).

Laws of science tell us what will happen in a given set of circumstances. For example, given a current of a certain voltage and amperage through a particular conductor, a person can calculate exactly how strong a magnetic field will be created. There is only one answer. All other answers are excluded. They are wrong. So a scientific law not only tells us what will happen in a given set of circumstances, it also tells us the billions of things that cannot happen.

How does one get a magnetic field? There are two ways. Natural magnets and electric currents. But natural magnets are the product of a electric current, so the origin is electrical.

We all learned, when we were young, that iron is attracted by a magnet. And iron is what makes a natural magnet. It happens like this: A volcano releases lava. In the lava is iron. While the lava is liquid, the iron atoms are free to orient in a random manner. But, the earth has a magnetic field so the iron lines up along the lines of flux of the earth's magnetic field. When the lava cools it changes from liquid to solid. At the moment the lava solidifies, it locks the iron atoms in posi-

tion. They are now locked in the same direction and they produce a magnet. So, to get a natural magnet, you must first have a magnetic field. Physicists agree that the original magnetic field had to be produced electrically.

All physicists agree that the earth's magnetic field is the result of flowing electrical currents and magnetic fields produced by those currents in the liquid core of the earth. The field slowly works its way up to the mantle where it starts to show up as what we call the earth's magnetic field. This process supposedly takes over a thousand years, and likely much longer under today's conditions. Recent discoveries show it can happen much quicker - less than 100 years. The field of science that deals with this phenomenon is called *magnetohydrodynamics* (MHD). Space does not allow a full explanation, besides which it is quite complex.

In 1919, Sir Joseph Larmor proposed the dynamo theory stating that it is possible that the earth's core could act as a self-exciting dynamo. The first problem is that we know the earth's core does not resemble a dynamo in any way. A particular problem is that a dynamo requires the use of very low resistance wire. The earth's liquid core is 7 times more resistive than solid iron. The current would quickly die, not self-excite. But, it was the best idea so it is the accepted theory even though it cannot work.

In 1933 Thomas G Cowling showed the idea cannot work. In fact, he showed that the sun's magnetic field could not work as a self exciting dynamo either.

In 1956 and 1957 two loopholes in Cowling's work were proposed. But, published papers showed the loopholes don't work. Still no dynamo possible.

But, wait a minute. The liquid core is quite turbulent. Russ Humphreys has shown that this new hope falls flat. Turbulence does not help the situation.

In 2002, the modern approach was used. If you can't get laws of physics to work

like you want them to, do a supercomputer simulation. Computer simulations bring another modern phrase to mind: Garbage in, garbage out. "... *the models all have severe deficiencies ... Every geodynamic model completely neglects the actual [viscosity, etc.] because these are orders of magnitude smaller [than computers can presently model]. However, because they are so small there must be significant energy in small-scale turbulent eddies*" (Glatzmaier, 2002) For example, one model uses an assumed 110 gauss field when the observed field is between 1 and 10 gauss.

Lately, things have not gotten any better. In fact, it has gotten worse. Studies have suggested more problems rather than solutions, resulting in little being published to try to explain the magnetic field. In the 2012 paper: *Current Status of the Dynamo Theory* by Brandenburg, he summarizes the fact that problems abound and possible solutions have failed. For example, the current theory requires what is called *mean-field electrodynamics*. This includes large-scale dynamos, but large-scale dynamos suffer from resistive slow-down. We have learned of new problems: dynamo squelching, alpha squelching and more.

The models don't work, the physics doesn't work, perhaps a real experiment is in order. In 2012, experiments were started at the University of Maryland. Of course they are not using the actual elements found in the core of the earth. They are using elements far more likely to give a positive result. The results? Want to guess? You are correct. NO dynamo. NO magnetic field. Cheer up! The next article in the newsletter explains a theory that DOES work.

The dynamo "theory" is a falsified hypothesis still stated as fact because atheists just can't stand the fact that...

God, in the person of Jesus, is the creator of the magnetic field of the earth, moon, other planets and galaxies along with the universe, you and me. CRM



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predictions and so far he has been 100% correct.

Any good scientist knows that he needs to start with historical references to see if there are any hints of where to start explaining a phenomena. A good place to start is the Bible. Several scientists have taken their clues from the Bible. For example, one scientist saw that the Psalm 8:8 indicates there are highways in the seas. He mapped the currents of the earth's oceans.

Humphreys went to the beginning of the Bible and saw that originally, God created all matter in the form of water and then transformed some of the water into other elements.



Oxygen atoms have no special magnetic direction. But the two hydrogen molecules in water, if first created with all of their axes parallel to each other and spinning in the same direction, would create a huge magnetic field. Immediately after creation, as the different elements were fashioned out of the atomic particles of water, the magnetic field would collapse. The field would collapse because the instant after creation, the laws of physics would begin and the axis direction of the hydrogen atoms would immediately become random instead of all of them oriented in the same direction.

James Clerk Maxwell discovered the mathematical relationship and gave Humphreys the tool to determine the size of the electrical current that would be generated by the collapsing magnetic field. Since God created various objects of the universe as he transformed the water, Humphreys could compute how much electrical current would be in each object of the universe that God created.

The electrical currents flowing in the planets and moons would generate a magnetic field. The current and magnetic field would be greatest at the time of creation and electrical resistance of the planets and moons would cause the current and magnetic field to decrease over time.

Let's look at some simple predictions of the dynamo theory and Humphreys' theory.

Dynamo Theory: To have a dynamo, there must be molten core. Any planet or moon that never had a molten

core would never have a magnetic field. The nebular hypothesis (the part of the big bang theory that "tells" us how planets and moons formed) determines if a planet or moon ever had a liquid core. In general, the smaller the object, the less likely it ever had a molten core. Our moon would never have had a molten core and therefore never have a magnetic field. Mercury would have had a molten core long in the past, but it would have solidified long ago and mercury should not have a magnetic field now. Mars would have had a liquid core for a brief time long ago, but it would have generated very weak current and therefore a weak magnetic field.

Humphreys' Theory: Every object in the universe would have had a magnetic field at the beginning. The strength of the that field would be proportional to the total mass of the object. Every magnetic field would decrease because there is no way to maintain the electrical current. Resistance of the material of the planet would cause the current to steadily decrease. The speed of the decrease is dependent on the composition of the object. We don't know the exact composition of planets and moons, but have a general idea, a good enough idea that Humphreys can come pretty close to predicting the exact strength of the electric current and magnetic field as it was at creation and as it is today.

As you can see, there are major differences in the outcomes of the two theories. The dynamo theory (part of the nebular theory) allows for smaller planets and moons to have never had a magnetic field. Small objects that had a field in the past, but not at the present, would have had a rather weak field in the past. On the other hand, Humphreys' theory says every object had a field in the past and it

•Body	•Nebular	•Humphreys
• Uranus	• x100,000	• Correct
• Neptune	• x100,000	• Correct
• Saturn	• Correct	• Correct
• Jupiter	• Correct	• Correct
• Mars	• Weak in past	• Strong in past
• Moon	• Never-ever	• Had one
• Venus	• Correct	• Correct
• Mercury	• HAD one	• HAS one
• Merc. Change	• No Change	• Decrease 8%

was rather strong at the very beginning.

Let's compare results. Above is a list of objects in this solar system where we have been able to measure the present magnetic field, and in the case of Mars and the Moon, determine how strong the field was in the past.

NASA and Humphreys have made only three predictions in advance of measurement. Two of those are for the planets Neptune and Uranus. You can see from the chart that the NASA prediction is 100,000 times weaker than the actual measurement showed it to be. Humphreys was correct. (Not only does the nebular theory get the magnetic field wrong, the theory also states that Neptune and Uranus would take longer than the age of the solar system to form - they don't exist yet according to the theory).

Even more fascinating is the decrease in Mercury's magnetic field. In the 1970s the magnetic field of Mercury was measured. The big surprise for NASA was that Mercury has a magnetic field. It was measured again a couple of years ago. The dynamo theory requires the magnetic field should not change in such a short time. Humphreys predicted, in advance, that the magnetic field would be about 7% weaker. It is actually 8% weaker. EVERY piece of data on magnetic fields fits perfectly in Humphreys' theory while the dynamo theory frequently misses the mark.

Humphreys' (100% accurate in predictions, 100% in alignment with the laws of physics) theory is rejected by atheists because atheists just can't stand the fact that...

God, in the person of Jesus, is the creator of scientific laws, the magnet field of the earth, moon, other planets and galaxies along with the universe, you and me. CRM

Possibilities from page 1

system. A person is born into a caste, and there he stays for life. The largest caste is the Untouchables, so called because they are the lowest of the low and nobody of a higher caste wants anything to do with them. In the USA, such a thought is repugnant. No one should be chained to a particular station of life. USA Hinduism is, in effect, a different denomination.



Buddhism is an offshoot of Hinduism. There are a couple of interesting features to Buddhism. First, Buddha made no claim to be a prophet of a god. Second, he was quite uncertain about what would happen after he died. And he did some things that don't fit well with western thought. For example, he deserted his wife and child to go "find himself." Yes, this happens in the USA, but is not well thought of because that usually leaves the wife and child in poverty.

I am sure you are aware that this author is a Christian. Though there are denominations in Christianity, denominations were created by men, not by our spiritual leader, Jesus, the Christ of God. Christianity is quite different from all other religions in several ways. 1) Jesus claimed to be God. 2) He purposely subjected himself to a life just like ours so He could know us, not just because He is the creator, but because He "walked in our shoes." 3) We cannot earn our way into the presence of

God or eternal bliss.

We don't know how Hinduism fits with the following, but we find it interesting that Buddha actually taught some Biblical principles. 1) There is pain and suffering in this life. 2) Suffering is caused by desire, craving or lust. These two facets do not sit too well in the western world because we are supposedly born good according to western thinking outside of the teaching of the Bible. We think Buddha is on to something.

One does not need to look far to discover that we are born selfish, self-centered, with sin a born-in part of our lives. Our parents had to teach us to lose our instinctive greed and selfishness. We had to learn to share and consider the needs of others.

There is no divine born in us. We sin because we are sinners. We work to overcome our sinful nature. Knowledge that we are sinners is built into us. All societies condemn murder, stealing, lying and more. And though few of us are murderers, we all are liars and greedy before we start changing our behavior.

But we never get to the goal. As we age we gain wisdom and a broader view of the world. We (hopefully) become more tolerant of other beliefs, less likely to lie, more content with what we have and decrease our envy and greediness.

But we just never get completely there. We violate the moral laws God has established. We know they are there, but

we simply do not have the wherewithal to follow God's laws completely from birth, not even as we near the end of this life.

We also instinctively want a god that loves us but also is a judge so that the wrongs done against us in this life will have consequences. Because we lie and cheat and steal, we ALL deserve the consequences of justice. We think in terms of others receiving justice, but forget that we too deserve the consequences of justice.

Is there hope in having another shot at a life? No. We will still violate God's laws and end up right where we are today.

God has to supply the solution. So, He came in the person of Jesus so He can have an intimate relationship with us. Yes, He is still God and we will submit to Him, but He fully understands our concerns and cares. He fully understands our dilemma because He has actually experienced the same dilemma. But He did something none of us can do. Because He is God, He was able to follow God's law completely, yet he willingly suffered the consequence we deserve (but He did not deserve).

It is easy to obtain justice with mercy and grace through Christ. Jesus is the way to do that. This Christmas season we pray you will join us in the secure knowledge of an eternity of bliss in the presence of our Creator.

God, in the person of Jesus Christ, is the Creator and Savior of the universe, you and me. CRM

QUOTE:

(Referring to volcanos, ed) "Mantle plumes have never had a sound physical or logical basis... They are akin to Rudyard Kipling's 'Just So Stories' about how giraffes got their long necks"

Don Anderson, California Institute of Technology. "Textbook theory behind volcanoes may be wrong." (See link on our web site)

POINT:

It appears that the textbook theory of how volcanoes work may be wrong according to the science article. Here is what is important about this story. There was no real data. The theory in the textbooks was hypo-deductive. The old model (theory) was incorrect as the scientist has discovered by finally having some data. But note that the scientist states that the old theory "never had sound physical or logical basis." He admits that the old theory violates the logical application of the laws of physics. It is OK in this case to have a new theory because there is now data to support the new theory and the old-earth paradigm is not threatened. And, if the old theory is wrong, no big deal (and we agree - sometimes scientists just have to guess - far more often than they would lead us to believe). If the new data threatened the old-earth paradigm, the new data would be rejected in favor of keeping the old-earth paradigm safe and sound. Notice also that the old theory is now considered a "Just So Story" like fairy tales by Rudyard Kipling. Our articles on hypo-deductive science show that much of science is "Just So Stories," like, for example, the generation of the magnetic field of the earth. This scientist illustrates our point perfectly. Science takes a back seat to philosophy. No wonder that atheists try to convince us that science overrules philosophy.