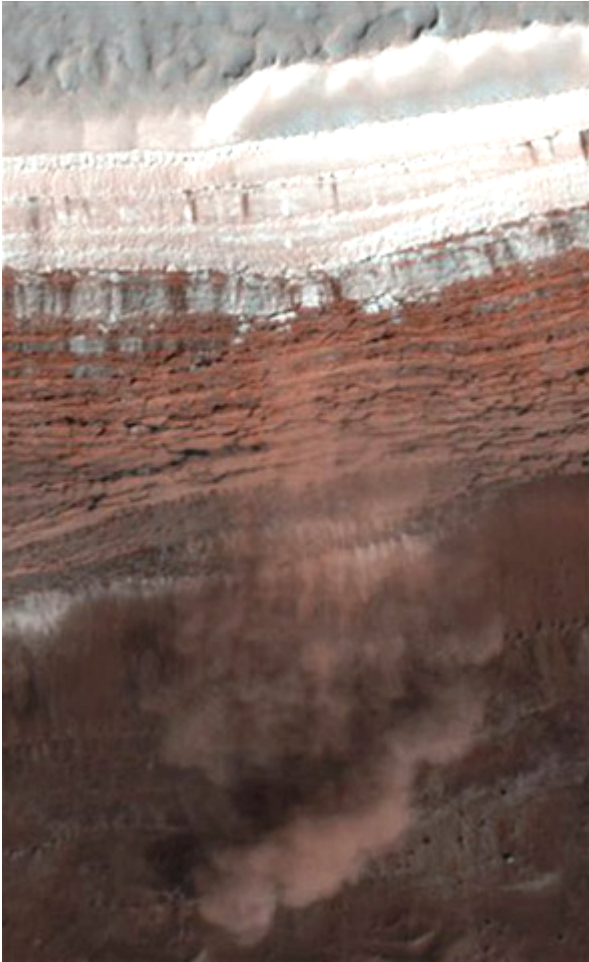


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SUMMER 2008



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Front Cover: An avalanche was captured by Mars Orbiter as it flew over the Martian south polar cap.

THE BIBLICAL ASTRONOMER

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EDITORIAL

It looks like the geocentric movement has been discovered by Moslems. Hitherto, the geocentric belief has been the domain of Protestants, Catholics of various persuasions, and Baptists. However, within the last month two Moslem inquiries have arrived pointing out that the Koran is also geocentric, that is, geostatic in nature. I've known that for several years, having read some of the Koran myself, but I also know that Moslem apologists, sounding like scientists, have tried to read evolution and various other popular scientific discoveries back into the Koran. It will be interesting to see those apologists respond to an assault on their sensibilities by a Moslem geocentric movement.

In this Issue

In this issue we introduce a long-time geocentrist, Ron Nelson, who teaches at a church high school in the greater Cleveland area. I have had the pleasure of speaking at his school and talking with his graduates at the College before my retirement. This is an autobiographical sketch of his salvation and subsequent education in the word of God.

Next we resume the series of articles on the gospel in the stars with a constellation that does not appear in the popular gospel in the stars accounts, namely, Monoceros the Unicorn. The constellations we know come to us through the Greeks and Arabs. The Unicorn, on the other hand, comes from the Persians, which means that it is likely every bit as old as the constellations we know. Indeed, the Greeks imposed their own mythology onto the constellations they inherited from the Babylonians and Medo-Persians. Thus we present Monoceros.

The last article in this issue is written by Notra Truelock, a man who has gained quite a reputation as a whistle blower. He was an intelligence director for the Department of Energy during the Clinton administration. He was fired after he went public with the Clinton administration's sale of nuclear, military, and industrial secrets to the Chinese. Currently Mr. Truelock fights the global warming fraud.

2009 Conference

In the last issue we asked for volunteers to host another geocentricity conference. We were totally underwhelmed by the number of volunteers, so here it is all you readers who would like a conference in Ohio. We shall have a conference, D.V., sometime late June or early July of next year. It will be held out in the country, forty miles east of Cleveland Hopkins Airport. The best way to travel is by car, and the

closest place to stay is a Yogi Bear Campground on Rte. 82. Also, be advised those of you with youngsters in tow that the Geauga Lake Amusement Park complex no longer exists. More details about the conference will follow in a future issue.

A Department of Water Resources representative stops at a Texas ranch and walks up to an old rancher. He tells the rancher, "I need to inspect your ranch for your water allocation."

The old rancher says, "Okay, but don't go in that field over there."

The Water representative says, "Mister, I have the authority of the Federal Government with me. See this card? This card means I am allowed to go WHEREVER I WISH on any agricultural land. No questions asked or answered. Have I made myself clear? Do you understand?"

The old rancher nods politely and goes about his chores.

Later, the old rancher hears loud screams and spies the Water Rep running for his life. Close behind is the rancher's bull. The bull is gaining with every step. The Rep is clearly terrified, so the old rancher immediately throws down his tools, runs to the fence and yells at the top of his lungs:

"Your card! Show him your card!"

Presidential candidates, Hillary Clinton, Barack Obama, and John Edwards were flying to a convention. Barack looked at Hillary, chuckled, and said, "You know, I could throw a \$1,000 bill out of the window right now and make somebody very happy."

Hillary shrugged her shoulders and replied, "I could throw ten \$100 bills out of the window and make ten people very happy."

John added, "That being the case, I could throw one hundred \$10 bills out of the window and make a hundred people very happy."

Hearing their exchange, the pilot rolled his eyes and said to his co-pilot, "Such big-shots back there. I could throw all of them out of the window and make 156 million people very happy."

If you love God, you love his words. When you sacrifice his *words* because of your fellowship with someone or your passion for something, you are nothing but a dirty, rotten hypocrite.

—Dr. Peter Ruckman

FROM PEAKS OF SILVER TO STREETS OF GOLD (With a Stop at Geocentricity Along the Way):

THE SPIRITUAL AND SCIENTIFIC CONVERSION OF RONALD NELSON¹

I was born into a moral, religious family in 1941. My parents were not fervent churchgoers, but they saw to it that my sister, my two brothers and I were active in our Lutheran Sunday School and Church.

Although I spent the first 31 years of my life as an unsaved person, those years under Lutheran teaching were instrumental in planting Biblical seeds into my unregenerate heart. I spent these first 31 years of my life in pursuit of the temporal pleasures of this life, but giving little thought to eternity. All of my formal education was spent in secular classrooms where I eagerly received all the humanistic science which was presented to me. Upon graduation from high school I attended Ohio University where I was further indoctrinated in humanistic science. Since my college major was geology, I was thoroughly saturated with evolutionary theory.

After graduating from college, I took a position as field geologist for a mining company in Nevada. Since churches (Lutheran or otherwise) were quite scarce in the area of Nevada where I lived I became a stranger to church attendance for several years. At that time one of my closest friends became a Christian and began to witness to me concerning his faith in Christ. Since my friend was a self-professed atheist prior to his salvation, I became genuinely interested in the changes I saw in his life.

¹ Ron Nelson has taught science at Cleveland Baptist Temple's Heritage Christian School as well as its Bible institute for 31 years. He writes: "I have entitled my testimony, 'From Peaks of Silver...' because it was in Silver Peak, Nevada that the Lord Jesus Christ saved me by His grace, and '...to Streets of Gold...' because it is to the gold street of the heavenly city that His grace will carry me, and '...With a Stop at Geocentricity Along the Way' because it was at the geocentric/heliocentric crossroad that my faith in humanistic science began rapidly to fall away. I have now taught the geocentric concept for over 29 years in junior high, senior high, and Bible institute settings. I have continued to face opposition from my Christian brethren and even some from my teaching colleagues. I do not condemn them, but I do pray for them that God will lead them into the way of truth as He has graciously done for me over these many years. It is such a privilege to walk with Him and to serve Him. Praise God for this marvelous Book...the Authorized Version of the Bible...that He has so graciously preserved for us. May we be faithful to dedicate ourselves to its wonderful and unchanging truth.

At the time I considered myself to be a “Christian” because I did not smoke, drink, cuss, gamble, and tried to be morally good, but when I saw the tremendous change in my friend’s life, I eventually came to earnestly desire to have what he had. One night in January 1974, I knelt in my trailer home in Silver Peak, Nevada, and “dared” Christ to change my life as He had done for my friend. I thought that there would be “lightning and thunder,” but when that did not occur, I thought I had done something wrong and so tried again. Little did I realize that a genuine internal change had already taken place in my life.

Prior to that time the most important things in my life were antique guns and the money required to purchase them. Little by little I began to realize that reading the Bible had become more important than the guns, and as time went on, the guns fell by the wayside as the Bible became the most important thing in my life.

As I studied the Bible, I quickly became aware of a serious conflict between my humanistic science education and the book of Genesis. If the creation account of Genesis was true, then all of my humanistic, evolutionary science was a lie. I struggled with this conflict for several months and eventually the Holy Spirit began to renew and cleanse my mind and heart with the truths of Scripture. I became acutely aware that I must believe *all* the Bible or believe none of it. Graciously, the Great God helped me to firmly embrace the former and through His grace I have been kept on this path for the past 34 years.

In 1975-1976 the Lord began dealing with me concerning fulltime service and particularly a teaching ministry. Since I am by nature a shy and introverted person, I fought the Lord for several months until finally I could fight with Him no more. I told Him that I could not do it alone and that if it were to get done He would have to do it through me. The year 1977 was a monumental year for me for it was in that year that I met and married my wife and responded to God’s call to come to Heritage Christian School in Cleveland, Ohio.

Sad to say the first year of my teaching was still filled with humanistic concepts so I enrolled in Westside Baptist Bible Institute at Brookside Baptist Church in Seven Hills. The teacher was James Hanson and it was not long into the class that Mr. Hanson challenged me to try and support my Copernican thinking with Scripture. Certain that I could so this I began to conduct a diligent search of the Bible to find evidence for a moving earth. To my chagrin, I could find no such evidence and soon became open to the idea that geocentricity had true Biblical merit. I continued to search the Scriptures and soon became firmly convinced that if I were to believe in a literal Bible, I must cast in my lot on the side of a geocentric universe. With some trepidation I

began to teach the geocentric concept in my science classes. I met some opposition, but when I presented my Biblical evidence most of the opposition ceased. I have leaned over the years that many people “believe” the Bible as long as it does not interfere with their prejudices, but that a *true* Bible believer is willing to cast aside his unbiblical prejudices when he comes face-to-face with literal Biblical truth. I praise God that His grace has allowed me to be a part of this latter group.

As a result of my Scriptural search I found one of the most compelling evidences in support of the geocentric concept in the form of the symbolism associated with the sun. The sun is clearly a type of Christ and the literal motion of the sun is an absolute necessity in order to properly portray the going down of Christ into the tomb, the arising of Christ out of the tomb, the descent of Christ from heaven and the ascent of Christ back into heaven. (Interestingly, Christ went down into the tomb at the going down of the sun and arose from the tomb at the time of the rising of the sun.) In the volume entitled, *Preaching From the Types and Metaphors of the Bible*, Benjamin Keach lists no fewer than fifty ways in which the sun represents Christ and many of them require a literal motion of the sun. Two portions of Scripture which bear heavily on this symbolic concept are Psalm 19:4-6 and Matthew 5:45. In Psalm 19 the sun is compared with a bridegroom and a strong man in the matter of their respective motions. Christ is clearly the coming bridegroom and is, indeed, the strong man running to complete His spiritual race. In Matthew five, as the Father raised up His Son Jesus from the dead, even so the Father makes His sun to rise for the physical good of mankind.

BULLETIN BLOOPERS

Ladies, don't forget the rummage sale. It's a chance to get rid of those things not worth keeping around the house. Bring your husbands.

Don't let worry kill you off—let the church help.

For those of you who have children and don't know it, we have a nursery downstairs.

Next Thursday there will be tryouts for the choir. They need all the help they can get.

MONOCEROS, THE UNICORN

Gerardus D. Bouw, Ph.D.

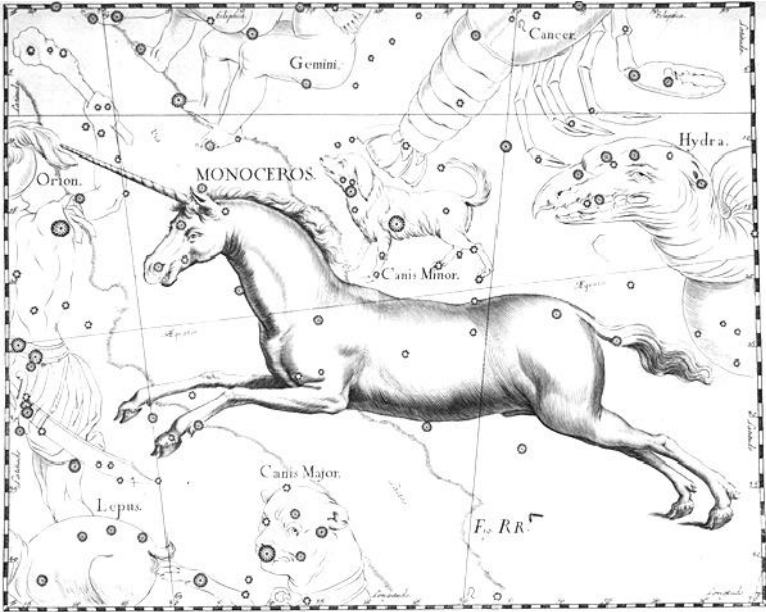


Figure 1: Polish astronomer, Johannes Hevelius' (1611-1687), depiction of Monoceros. The view is from the exterior of the celestial sphere so that west is to the right and east to the left. The view as seen from earth is that when the figure is flipped left to right. The equator runs from left center to upper right center.

In an apparently vacant area of the sky where the earth's equator crosses the Milky Way's equator; surrounded by Orion, Gemini, the Little Dog (Canis Minor), the serpent Hydra,¹ and the Big Dog (Canis Major) lies the faint constellation of Monoceros the unicorn. The brightest star in the constellation, α is a star of magnitude 3.6. The star is too faint to have a name; it has only a few designations such as Fl. 30, which means it is star number thirty in John Flamsteed's (1646-1719) list of stars for the constellation.

Monoceros is not one of the constellations found in the Greek and Arabian constellation lists. That also means there is no mythology as-

¹ Bouw, G. D., 2002. "Hydra the Serpent," *B.A.*, 12(101):92.

sociated with it, either. Most scholars believe that the constellation of Monoceros is a recent invention, first charted in 1624 by the German astronomer Jakob Bartschuis (or Bartsch) as *Unicornu*. Christian Ludwig Ideler (1766-1846) and Heinrich Willhelm Matthias Olbers (1758-1840), however, say that the constellation is much older. Ideler notes a reference to Monoceros dating from 1564 as, “the Horse south of the Twins and the Crab.”² Joseph Justus Scaliger (1540-1609) found it on a Persian sphere, which is probably the source of Bartschuis’ 1624 figure and also the source of Ideler’s 1564 quote. On that assumption, we include the constellation in the list mentioned in Scripture.

Unicorns in Scripture

Unicorns are referred to nine times in Scripture, namely: Numbers 23:22; 24:8;³ Deuteronomy 33:17;⁴ Job 39:9, 10;⁵ Psalm 22:21;⁶ 29:6;⁷ 92:10,⁸ and Isaiah 34:7.⁹ The mention of unicorns in Scripture gives theologians and Bible apologists apoplexy because the scholars they want to please, the world’s scholars, have banned unicorns to the realm of mythology. But before we look at the wishful thoughts of those scholars, let us see what Scripture says of unicorns.

The reader who reviews the aforementioned references will note several things. First, unicorns are powerful; God’s strength is compared to the unicorn’s from our perspective (Numbers 23:22; 24:8). Second, unicorns play a role in the judgment of the nations (Numbers 24:8b; Deuteronomy 33:17; Isaiah 34:7). Third, unicorns symbolize the seat of God’s and kings’ power (Psalm 22:21; 92:10). Fourth, unicorns cannot be domesticated (Job 39:9-10) and fifth, Deuteronomy

² Ideler, Christian Ludwig, 1815. *Sternkunde der Chaldaer*.

³ Numbers 23:22, 24:8a—God brought them out of Egypt; he hath as it were the strength of an unicorn. (Balaam’s prophecy against Balak.)

⁴ Deuteronomy 33:17—His glory is like the firstling of his bullock, and his horns are like the horns of unicorns: with them he shall push the people together to the ends of the earth: and they are the ten thousands of Ephraim, and they are the thousands of Manasseh. (Moses blesses Joseph.)

⁵ Job 39:9, 10—Will the unicorn be willing to serve thee, or abide by thy crib? ¹⁰ Canst thou bind the unicorn with his band in the furrow? or will he harrow the valleys after thee? (God speaks directly to Job.)

⁶ Psalm 22:21—Save me from the lion’s mouth: for thou hast heard me from the horns of the unicorns. (Jesus speaks from the cross of the throne of God.)

⁷ Psalm 29:6—He maketh them also to skip like a calf; Lebanon and Sirion like a young unicorn. (Rejoicing in the Lord’s kingdom.)

⁸ Psalm 92:10—But my horn shalt thou exalt like the horn of an unicorn: I shall be anointed with fresh oil. (David’s kingdom restored in the Millennium.)

⁹ Isaiah 34:7—And the unicorns shall come down with them, and the bullocks with the bulls; and their land shall be soaked with blood, and their dust made fat with fatness. (A Second Advent reference.)

33:17 equates the horn of Ephraim and of Manasseh each as a unicorn that shall push people to the ends of the earth. The context there is Moses' blessing on Joseph. Finally, the context of Isaiah 34:7 is God's wrath poured out on the nations (v. 2) during which the heavens shall be rolled together as a scroll (v. 4; Rev. 6:13-14). The Lord then descends to earth on a white horse (Revelation 19:11 v.f.) with the armies of heaven. According to Isaiah 34:7, unicorns will accompany them.

Attempts to Ban Unicorns from Scripture

Unicorns are an embarrassment to modern scholars of all types. It makes sense, then, that theologians wishing to make Scripture palatable to the world should endeavor to ban unicorns from Scripture. In order to do so, the latest technique is to suppose that God did not mean to say unicorn, or did not say so in the "original autographs" which, as they no longer exist having long since turned to dust, we (conveniently) cannot check. Hence we must examine the linguistic machinations of the scholars regarding the original dust.

The Hebrew word translated "unicorn" (*re'em* H7214 in *Strong's Concordance*) stems from a root word (*ra'am* H7213) meaning to be lifted up. (*Ra'am* occurs in Scripture only once, in Zechariah 14:10.¹⁰) The word after *re'em* in Strong's dictionary also stems from the same root and means "coral" because of its horn-like appearance. That is all the light that the Hebrew sheds on the word translated, unicorn.

Modern versions insist that *re'em* is a "wild ox," or a "bull," or a "rhinoceros." One will not find any reference to unicorns in those. In the Authorized Bible, for some occurrences of unicorn in the text, a margin note offers an alternative translation. (Bear in mind that we are dealing with a single underlying Hebrew word translated consistently as unicorn in the Bible.) There is no margin alternative for the unicorns found in Balaam's prophecy in Numbers, nor for Psalm 22:21 where Christ prays on the cross, nor for Psalm 29:6, 92:10. This is not surprising since prophecy can easily be dismissed as allegorical and the Psalms as poetic license. Although the same could be said for Moses' blessing on Joseph in Deuteronomy 33:17, the A.V. does have a margin note recommending "wild oxen" as an alternate reading. Margin readings in the A.V. suggest "rhinoceros" in Job 39:9 and Isaiah 34:7, but the "skipping" reference of Psalm 29:6 makes this doubtful; besides, rhinos generally have two horns, not one. Job 39:9-12, Psalm 29:16, and Isaiah 34:7 superficially endorse the "wild ox" (N.B., not rhinoc-

¹⁰ Zechariah 14:10—All the land shall be turned as a plain from Geba to Rimmon south of Jerusalem: and it shall be lifted up, and inhabited in her place,

eros) margin reading of Deuteronomy 33:17, but the animal mentioned has only one horn.

Every time unicorn is mentioned, the horn is singular, as in Psalm 92:10; if unicorn is plural, then more than one horn is mentioned as in Deuteronomy 33:17 and Psalm 22:21. Why should there be only one horn if this is an ox, which normally has two horns, especially since only half of the ox's power would be indicated by doing so? Besides, Hebrew has another word for ox (*sowr*), so that is hardly a valid alternative in light of the historic interpretation of *re'em* as "unicorn." Furthermore, we find unicorns together with bullocks and bulls in Isaiah 34:7, thus ruling out that *re'em* was a bull or bullock. Unicorns are found in heaven in Psalm 22:21 and in Isaiah 34:7. Also note that it takes more than one unicorn to supply Joseph with enough horns in Deuteronomy 33:17, even though one bullock is involved. Modern scholars deem the unicorn to be an Arabian oryx which has two straight, closely-spaced horns, but it still has two horns and does not answer the above singular-plural argument.

Unicorns in History

Is the unicorn a mythical creature? Sightings of unicorns date as recently as the eighteenth century. Recorded unicorn sightings come from India, Ethiopia, Abyssinia, Mecca, China, Persia, and even Canada. The descriptions do not readily fit any animal alive today, especially given that the horn is reported to be from two to three feet long. There is plenty of anecdotal evidence that these were real creatures. Sixteenth-century European accounts tell of unicorns located in private zoos (there were no public zoos back then). Greek mythology most assuredly has fantastic tales of magical unicorns. But other regions of the world have illustrations of unicorns, some fantastic, and others not. The fantastic depictions could be every bit as fanciful as the Chinese dragons paraded at their new year's celebrations. Other, earlier depictions were more akin to modern dinosaurs. Something similar could have happened to depictions of unicorns, as they are strong, unruly,

If by *re'em* any form of ox or rhinoceros were meant, why would there be a need for a single-horned animal under a special name? Of course, the most likely candidate among living animals is the rhinoceros, of which some have one horn, albeit not two or three feet long. More likely, the animal is unknown to scholars (that is all that is needed for them to deny the existence of anything), or unicorns are now extinct. If they are extinct, the horns of unicorns were believed to heal and were thus ground to powder and we cannot reasonably expect to

find any surviving horns. If not extinct, the animal could well be common in obscure areas of Asia. Such things have happened before.

It was mentioned earlier that ancient depictions of unicorns survive to this day. One is a seal, pictured at right,¹¹ found in the ruins of Mohenjo-Daro, a ruined city of Pakistan in the Indus River Valley northeast of Karachi. The ruins date from about 1700 B.C., based on a published carbon



date of 3000 B.C., which has been corrected for decay of the earth's magnetic field. The seal is a bit over an inch (29 mm) on each side (which is about half the size of the illustration), and is made of fired steatite. Steatite is a soft rock, easily carved, that hardens when fired. The picture here has been flipped left to right so that the image is as it would appear impressed on sealing wax. The lettering above is in an unknown Indus script, yet to be deciphered. The unicorn depicted has some characteristics of a rhinoceros but it has a long tail and the horn is on the forehead instead of on the nose. The horn is also inordinately long for a rhinoceros. Of course, the animal on the seal is not directly identified as an unicorn.

Conclusion

We include Monoceros as a constellation mentioned in Scripture because it is named in the highest density of constellation names in Scripture, which is in the blessings of Balaam whom Balak hired to curse Israel. Monoceros is, these days, dismissed from the group of classic constellations under the assumption that it was first invented circa 1625. Although it was unknown to the Greeks and Arabs, it does seem to be an ancient constellation because Scaliger found the constellation depicted on a Persian globe. It is clear from archeological finds that unicorns were more prevalent in Asia than in Europe or Africa. It is thus not surprising that the Western world would not maintain a constellation, particularly not a faint one, of an animal of which it knew little. The constellations are now widely recognized as originating from Mesopotamia, which includes Persia (Iran). We conclude that Monoceros the unicorn is an authentic ancient constellation, preserved in Asia while lost elsewhere, and that it represents the throne of God

¹¹ Courtesy, www.harappa.com.

and the earthly powers, particularly the descendants of the sons of Joseph, that will serve as God’s instruments of judgment.

There is thus no reason to doubt the reading in the Authorized Bible, especially given that the unicorn will return to earth when Christ comes from heaven to judge the nations.

We also noted the possibility that unicorns may be extinct on earth at the time of the Second Coming, when they will return with the armies of heaven (Isaiah 34:7).

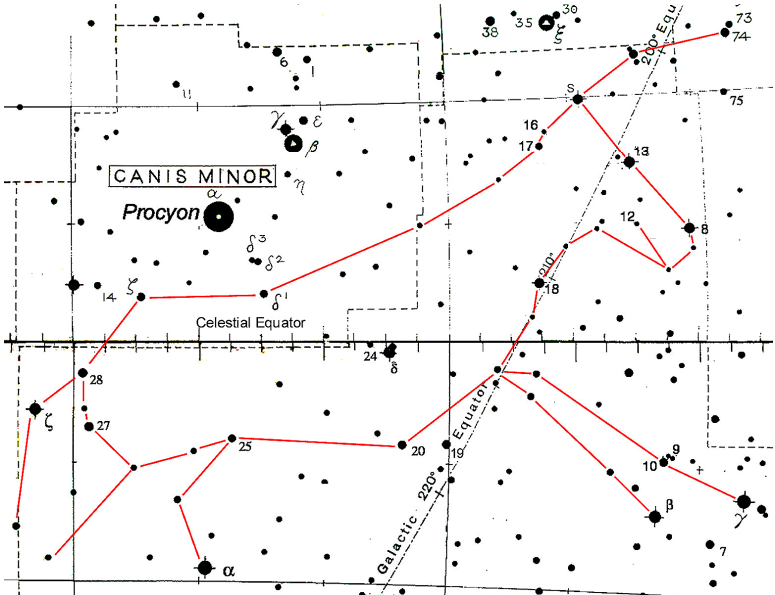


Figure 2: The constellation Monoceros under the assumption that ancient eyes were superior to modern electric light-blinded ones. Compare this with the figure on the seal. Note the Galactic and Celestial Equators. The Celestial Equator is the earth’s equator projected onto the sky.

CAUSE FOR CONCERN!

A Washington, DC airport ticket agent offers some examples of why our country is in trouble! Here’s one:

A senior Vermont Congressman called, furious about a Florida package we did. I asked what was wrong with the vacation in Orlando. He said he was expecting an ocean-view room. I tried to explain that’s not possible, since Orlando is in the middle of the state. He replied, “Don’t lie to me, I looked on the map and Florida is a very thin state!”

PANORAMA

Inorganic Live (!) in Outer Space¹

Computer simulations—not direct observations—conclude that the tiny electrically charged dust particles that pervade outer space can spontaneously self-organize into DNA-like double helixes. Such life-like activity occurs in a matrix of charged elementary particles called “plasma”—a thin, universe-wide soup of charged electrons, protons, etc.

The new computer simulations suggest that in the gravity environment of space, the plasma particles will bead together to form string-like filaments that then twist into corkscrew shapes. The helical strands resemble DNA and are themselves electrically charged and attracted to one another.

The computer-modeled particles can also divide to form two copies of the original structure and even “evolve” into more stable structures that are better able to survive in the plasma.

S. Shostak (SETI Institute) opined:

We’ve always assumed that life was a planetary phenomenon. Only on planets would you have the liquids of life. So you could have life in the hot gasses of a star or in the hot interstellar gas that suffuses the space between the stars, well, not only would that be “life” as we don’t know it” but it might be the most common type of life.

(Than, Ken; “Hot Gas in Space Mimics Life,”: *space.com*, August 14, 2007. Cr. H. H. Henry. Anonymous; “Dust-Up on Space Life,” *New York Post*, August 12, 2007. Cr. M. Piechota).

Comment. So, evolution and survival of the fittest occurs in outer space, too!

Thus ends the quote from *Science Frontiers*. Lest the reader think this is an argument for biological evolution, allow me, your editor, to remark that “inorganic life” means life *not* based on carbon atoms. Organic life is life as we commonly experience it; based on carbon.

¹ Entire article quoted from Corliss, Wm., 2007. *Science Frontiers*, no. 174, Nov.-Dec., p. 2. (POB 107, Glen Arm, MD 21057.)

In 1972, at the Association for the Advancement of Science's annual convention, a paper on neutron stars proposed that the neutron energy configurations could behave similarly to the proposal presented above and that life could "evolve" under the extremely hot and tremendously strong gravitational field of neutron stars. That paper was key to my considering the existence of a creator, which ultimately led me to embrace the Scripture's account of creation.

Is "Something" Fine-tuning the Universe for Life—Specifically Human Life?²

Fine-tuning the parameters of the universe is akin to the alignments mentioned above, being merely a more extreme example of non-randomness. The fine-tuning addressed here is enshrined in the so-called Anthropic Principle. Paul Davies, in a recent issue of *New Scientist*, provides a definition of the "strong" version of the Anthropic Principle:

...the laws of physics possess a weird and surprising property: collectively they give the universe the ability to generate life and conscious beings, such as ourselves, who can ponder the big questions. [!]

Scientists never tire of providing examples of bio-friendly coincidences and fortuitous fine-tuning that permit the evolution and continued existence of earth life.

A favorite example points out that if protons were just 0.1% heavier than neutrons, instead of vice versa, atoms could not exist and neither could life chemistry.

[A biologist might instead single out the astounding bit of fine-tuning seen in the astounding properties of genomes—but of course genome chemistry is intellectually subservient to physics. Should it be?]

Assuming the truth of the Anthropic Principle, P. Davies looked for an explanation—one not involving any religious entity. Reaching instead into the vast grab bag of quantum weirdness, he finds that time really has no meaning so that:

² This section is taken verbatim from a note by the same title which appeared in "Science Frontiers" no. 173, Sep-Oct 2007. POB 107, Glen Arm, MD 21057. www.science-frontiers.com. Corliss references cosmologist Paul Davies, 2007. "Laying Down the Laws," *New Scientist*, p. 30, June 30.

...the existence of life and observers today has an effect on the past.

Ergo, we are permitted what is called “quantum post-selection.” This permits J. Wheeler to claim that:

...the existence of life and observers in the universe today can help bring about the very circumstances needed for life to emerge.

In short, today’s life and its bio-friendly universe is the result of actions taken in the future by whatever humans turn out to be! Quantum weirdness allows this just as it permits the weirdness of entanglement. [Circular reasoning here?]

Comments. Those entities in the future now shaping our current evolution may not resemble us at all. And we must wonder, too, what is shaping these future entities—the life-shapers that exist deep in *their* future. But the past and future are not allowed in quantum mechanics.

Amazingly, the same scientists that think such thoughts trash Intelligent Design!

In responding to Davies’ article, one letter writer stated that he has looked up into the night sky and has concluded that the universe is actually optimized to produce vacuum, not humans!

Mammoths Peppered by Meteorites?³

Evidence has been found which shows mammoth and other great beasts from the last ice age were blasted with material that came from space. Eight tusks allegedly carbon-dated some 35,000 years ago (4,000 years ago, when the evolutionary age is corrected for the decay of the earth’s magnetic field) show signs of having being peppered with meteorite fragments. However, earlier research claimed a more recent meteor impact some 13,000 years ago, which is about 100 years different from the 4,000-year corrected date. These are probably the same event, and the team admits the possibility that the two are the same event.

The ancient remains come from Alaska, but researchers also have a Siberian bison skull with the same pockmarks. The scientists released details of the discovery at a meeting of the American Geophysical Union in San Francisco, US. They painted a picture of a calamitous

³ Based on Jonathan Amos, 11 Dec., 2007. “Great beasts peppered from space,” *BBC News*, San Francisco. <http://news.bbc.co.uk/go/pr/fr/-/2/hi/science/nature/7130014.stm>.

event over North America that may have severely decreased the population of some species.

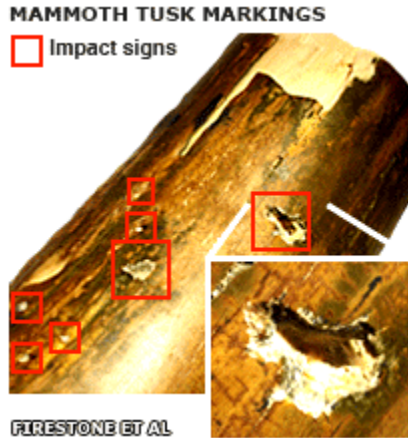
“We think that there was probably an impact which exploded in the air that sent these particles flying into the animals,” said Richard Firestone from the Lawrence Berkeley National Laboratory. “In the case of the bison, we know that it survived the impact because there’s new bone growth around these marks.”

Geoscience consultant Allen West added: “If the particles had gone through the skin, they may not have made it through to vital organs; but this material could certainly have blinded the animals and severely injured them.”

The mammoth and bison remains all display small (about 2-3mm in size) perforations. Raised, burnt surface rings trace the point of entry of high-velocity projectiles; the punctures are on only one side, consistent with a blast coming from a single direction. Viewed under an electron microscope, the embedded fragments appear to have exploded inside the tusk and bone, say the researchers. Shards have cut little channels. The sunken pieces are also magnetic, and tests show them to have high iron-nickel content, but to be depleted in titanium. The ratios of different types of atoms in the fragments meant it was most unlikely they had originated on Earth, the team told the AGU meeting.

The researchers also reported the discovery of sediment at more than twenty sites across North America that contained exotic materials: tiny spheres of glass and carbon, ultra-small specks of diamond and amounts of the rare element iridium that were too high to be terrestrial. In addition, they also found a black layer which, they argued, was the charcoal deposited by wildfires that swept the continent after the space object smashed into the Earth’s atmosphere. “We had found evidence of particle impacts in chert, or flint, at a Clovis Indian site in Michigan,” Dr Firestone said, “so, we got the idea that if these impacts were in the chert, then they might likely also have occurred in large surfaces such as tusks; and we decided it was worth a shot to go look for them.”

Allen West began the hunt at a mammoth tusk sale in his home state of Arizona. He immediately found one tusk with the telltale



pockmarks and asked the trading company if he could look through its entire collection. He sorted literally thousands of items.

“There are many things that can cause spots, such as algae, and there were a few of those; but I was only interested in the ones that were magnetic,” he recalled. “It was just a tiny magnet on a string, but very strong. It would swing over and stick firmly to these little dots.”

The intriguing question is how space impacts might fit into the extinction story of the ice age beasts. The mammoth, their elephant cousins the mastodon, sabre-toothed tigers, some bears, and many other creatures all disappeared rapidly from the palaeo-record about 10,000 years ago (70 years later in the magnetic field-corrected date; in short, these all happened about the same time). Their loss has traditionally been put down to both climate change and efficient hunting technologies adopted by migrating humans. The question thus arises, could the impact have affected the populations?

Particle Smasher: Could It Create a Time Tunnel?⁴

Switching on a giant atom-smashing machine might open the door to unexpected visitors - from the future, it has been claimed. The Large Hadron Collider (LHC), due to start this year, could turn out to be the world's first time machine, according to two Russian scientists.

Their calculations, they say, show it is possible that the LHC will tear a hole in the fabric of space and time, creating a gateway to tomorrow. And, with sufficiently advanced technology, people from the future might even be able to walk through it.

The vast LHC has been constructed at CERN, the European particle physics center near Geneva, Switzerland. The cyclotron is a tube, closed like a ring, some 16 miles or 27 kilometers in circumference. The cyclotron will accelerate charged particles to hitherto unprecedented energy. The cyclotron was constructed to reproduce, on a sub-microscopic scale, the conditions assumed in the early seconds of the Big Bang. To that end, the LHC will generate particles with so much energy that scientists are not entirely sure what will happen when they switch on the machine.

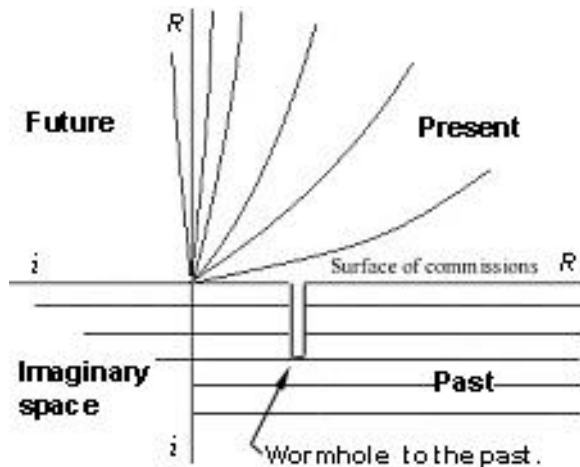
One possibility is that microscopic black holes will be created within the LHC. But Russian mathematicians Irina Arefieva and Igor Volovich point to another possible scenario; that the colliding particle beams might open up a “wormhole” capable of linking our time with another in the future. Such a time tunnel would need to be propped open for anyone to step through it. But this could happen if dark en-

⁴ http://ukpress.google.com/article/ALeqM5iFS_C6q_wUgO-DA2UYr19th6dprg. 7 February 2008, The Press Association article from “Russia Today.”

ergy—the mysterious anti-gravity force that causes galaxies to accelerate away from each other—possesses a special “phantom” property. If so, the two speculate, the year 2008 might then become “Year Zero” for future time travelers, since it would only be possible to travel back as far as the first doorway in time.

Manipulating such a wormhole to create a viable time machine would take incredibly advanced technology, *New Scientist* magazine reported—yet this cannot be ruled out in the distant future. With reference to Figure 2 of issue 122’s article on time sheets,⁵ what the two Russian mathematicians propose is that a hole may be punched into the next time sheet to fall, and that the hole may persist in subsequent time sheets. That way, a burrow is created which is filled with the “Present” space. Referring again to the aforementioned figure, the axis labeled “Surface of commissions” will be seen to dip into the time sheet pile of the past, ending on the sheet that had the first hole punched into it.

Figure 1: As each instant of time lands on the past, the wormhole is extended through the sheet, perpetuating the wormhole.



It Is Absolutely Safe to Say...

Creationists have long documented the fallacies of *evolvothink*, the way evolutionists reason. For instance, evolvothinkers point to natural selection as proof of evolution, and then point to evolution as proof of natural selection. Such logic uses “circular reasoning,” which is an abuse of logic. For an obvious example, suppose I were to claim that I am the world’s foremost discerner of human character. And suppose I then claim that I have the foremost character of all mankind.

⁵ Bouw, G. D., 2007. “Vistas in Time III: Time Sheets,” *B. A.*, 17(122):102.

How can I prove that? Well, the foremost discerner of human character declared me so to be. That is an example of circular reasoning.

Circular reasoning is a recourse of last resort for defenders of ideas that cannot be proven and, indeed, have effectively been disproved. Once the circular reasoning has been exposed, the next “argument” is name-calling; slander and vilification. The final step is violence. Thus creationists’ opponents have resorted to strong-arm tactics of denying degrees to qualified students whose only “flaw” is that they are creationists. (Creationists, in turn, use the same tactics against geocentrists.)

Richard Dawkins, trained as a zoologist, presently occupies the Charles Simonyi⁶ Chair in the Public Understanding of Science at the University of Oxford. He has earned the nickname of “Darwin’s rottweiler” for his emotionally-driven efforts to suppress all evidence against evolution. Nearly twenty years ago, in a book review, Dawkins wrote:

It is absolutely safe to say that, if you meet somebody who claims not to believe in evolution, that person is ignorant, stupid, or insane (or wicked, but I’d rather not consider that).⁷

Of course it is absolutely safe to claim that since the anti-creationists are in control of the money, the media, the governments, and the colleges and universities. However, “absolutely safe” has nothing to do with truth. Such verbiage is designed to appeal to the pride of man; it is not the least bit reasonable. God calls such men “fools” in Psalms 14:1 and 53:1. Thus it is absolutely safe to say that, if you meet somebody who claims to believe in evolution, that person is ignorant, stupid, or insane (or wicked), that is, a fool fooled by the sleight of hand of science falsely so called (I Timothy 6:20).

The Passing of John Wheeler (1911-2008)

John Archibald Wheeler died in April of this year. Long-time readers will recall that Wheeler was a co-author, along with Kip Thorne and Charles W. Misner, of the book, *Gravitation* which has been a useful resource in the defense of geocentricity.

Early in his career, Wheeler worked with Niels Bohr, talked often with Einstein, and was Richard Feynman’s doctoral thesis advisor.

⁶ To appreciate the irony of the name applied to a “science” chair see Acts 8:9-24 from whence our word, simony.

⁷ Dawkins, R., 1989. “Book Review of Donald Johanson and Maitland Edey’s *Blueprint*. *The New York Times*, April 9, Section 7, p. 34.

Wheeler also worked on nuclear fission and the development of the atom bomb.

That done, Wheeler turned his attention to general relativity, pioneering the relativistic model of black holes. Indeed, Wheeler coined the name, black hole, in 1967.

In his later years Wheeler turned his mental powers to quantum physics, devising imaginative experiments that demonstrated that the universe is not a predictable machine, that is, that not everything is absolutely predestinated to happen just so. And so passes another deep thinker who had only started to perceive the significance of words but was slowed by the deception that men invent words and language, a deception that serves as a blindfold to truth.

Dark Energy and Geocentricity

If we look at the orbits of stars about their respective galactic centers and the motions of galaxies in clusters of galaxies, the amount of matter in the environment is higher than we perceive from “counting” stars by starlight. For a galaxy the gravitational mass is about ten times that obtained by counting stars; and for galaxy clusters it is at least a hundred times greater.

In recent decades the missing mass, as the phenomenon was once called, has been replaced by a host of causes for the missing mass. These include dark energy and dark matter. Dark energy is postulated to explain why the expansion rate of the universe is increasing (assuming that the expansion rate really is increasing) while dark matter is invoked to explain why the galaxies seem to rotate too fast for the mass when derived from counting stars or galaxies.

Of all the suggestions accounting for the missing mass, dark energy is the most mysterious. Its most mysterious aspect is that it is geocentric. It appears that the earth is centered in a billion-light-year-long bubble surrounded by a dense, massive shell of material whose gravity pulls the interior galaxies away from the earth at an increasing rate. This has been observed in supernovae, the most violent of exploding stars. But such a shell violates the Copernican principle, the assumption that every point in the universe must look as if it is in the center of the universe, that is to say, that it is impossible for the earth to be at the center of the universe even though there is much evidence that it is at the center.

The Copernican principle is widely accepted as a given, but it has never been proven. To that end, Robert Caldwell of Dartmouth College and Albert Stebbins of the Fermi National Accelerator Laboratory posited a test in the May 16 issue of *Physical Review Letters*. If earth is at

the center of the universe, they reason, then the spectrum of the microwave background radiation that reaches earth directly, without reflection, would appear as black body radiation, but another observer, away from the center, would not see a black body radiation curve.

Caldwell and Stebbins calculated that the two views mentioned above are not separate but tied together by electrons. Electrons scatter the background photons of the cosmic radiation. If we are located at the center of the universe the microwave background will contain tiny deviations from a perfect blackbody spectrum. The deviations are too small to currently be detectable, but a proposed satellite, the Absolute Spectrum Polarimeter could detect them. The satellite may be launched sometime in the next decade. In the meantime, it still appears that we live in a geocentric universe.

Apocalypse Imminent?⁸

The federal government has in the past recommended stocking the pantry in case an avian flu pandemic keeps people away from the grocery store. Now a top investment advisor notes that rice in the pantry may bring a higher investment yield than cash in a money-market account. Food prices rose 6% between 2005 and 2007, and the rate of increase is predicted to double. The best yield in a one-year certificate of deposit is now about 4.1% (pre-tax), and you're lucky to get 2.5% in the money market, while food inflation on average is 4.5%, according to recent government figures.

"I don't want to alarm anybody, but maybe it's time for Americans to start stockpiling food," writes Bret Ahrens (*Wall St. Jrnl* 4/21/08). "No, this is not a drill."

Some stores are limiting purchase of certain foods such as rice and cooking oils as some countries, faced with domestic shortages, are banning exports (*Wall St. Jrnl*. 5/1/08).

In the rest of the world, famine, the Apocalyptic horseman on the black horse in Revelation chapter 6, is being named with nearly a billion people at risk for hunger and malnutrition. Since 2002, food prices have risen 65% worldwide, and dairy 80% (*WorldNetDaily* 4/1/08). Rice stockpiles have reached a 26-year low, and its price has doubled in the last year (*Bloomberg News* 4/3/08). Grain stockpiles are at the lowest level since records were first kept. Wheat hit \$24 a bushel, up from \$3 four years ago (Martin Walker, UPI 2/27/08). The World Bank Group estimates that 33 nations face potential social unrest because of acute increases in food and fuel prices.

⁸ May 2008. "Apocalypse Imminent?" *Doctors for Disaster Preparedness Newsletter*, 25(3):1-2.

Many contributing reasons are cited: a rodent plague in India, cold weather, bans on genetically modified crops, increased fuel prices. Then there are massive government subsidies and mandates to feed food to cars as ethanol, called “one of the biggest blunders in history” (*San Francisco Chronicle* 4/2/08). The EU Commission rejected claims that producing biofuels is a “crime against humanity” (*EU Business* 4/14/08).

The record 30 million acres the U.S. will devote to ethanol production this year will consume almost a third of America’s corn crop, while yielding fuel amounting to less than 3% of petroleum consumption. Yet the Congressional Research Service warned in December that even devoting every last ear of American corn to ethanol production would not be sufficient to meet federal mandates. John McCain and 24 other senators are urging EPA Administrator Stephen Johnson to use his waiver authority to eliminate looming mandates (*Wall St Jnl* 5/7/08). The EU, however, has vowed to stick to its target for biofuels.

“You can’t change a political objective without risking a debate on all the other objectives,” which could result in disintegration of the landmark EU climate change and energy package, the EU official said (*EU Business* 4/14/08).

Until a way is found to extract energy from useless cornstalks and fallen trees, biofuels, like all other “green” energy sources, devour vast expanses of land.

In a classic 2007 paper, Jesse Ausubel, director of the program for human environment at Rockefeller University and one of the main organizers of the first UN World Climate conference in 1979, calculated the amount of energy generated by renewable sources in terms of power output per square meter of land disturbed. To grow the wood required to fuel a standard 1,000-megawatt electrical plant would take a forest covering 1,000 square miles. Replacing our 600 coal-fired plants would take a forest the size of Alaska. The reservoir behind Glen Canyon Dam, which generates 1,000 megawatts, covers 250 sq. mi. A wind farm generating that much electricity takes 75 sq. mi. Meeting U.S. electrical needs with solar by 2050 would require 34,000 sq. mi, or about one-quarter of New Mexico (*Wall St. Jnl* 5/2/08). Biomass from 2,500 sq. km. of prime Iowa farmland would be needed to replace one nuclear generating station.

“Let’s stop sanctifying minor and false gods and heretically chant, “Renewables are not Green,” Ausubel suggests; renewables wreck the environment. Ausubel is a promoter of nuclear energy (*Environment & Climate News* October 2007).

Global Warming Is Not About the Science

Notra Trulock III¹

The dirty secret is that global warming is driven more by the search for funding than the search for scientific truth. “Big science” was adrift in the early 1990s, like many other beneficiaries of the Cold War, and was desperate to sustain its federal funding. Global warming had all the key attributes of the next big cause. It could be used to frighten the politicians and the public, using threats of catastrophic consequences to extract billions of dollars for research to prevent it. The science was immature, and the door was wide open to all sorts of proposals and projects by scientists promising solutions. High-performance computers were the tools, and the projects promised to be long-term and career-sustaining. Getting funds was easy. As MIT Professor Lindzen has noted, “saving the planet” had a nice ring to it and seemed to portend big bucks at the end of the global warming rainbow.

By the early 1990s, there was a convergence between the proponents of big science and the left-oriented activist community. Many of the Left’s old myths and socialist dreams had collapsed with the demise of the Soviet Union, and many seized on global warming as another path to reining in Big Business and reducing the standard of living and comfort level of the average American. Global warming also offered another avenue for leftists to continue their “blame America first” campaign. Advocacy groups constantly reminded citizens that it is the U.S. that is largely to blame for greenhouse emissions. For example, a newly released study by Environmental Defense blames the U.S. for generating 25% of the world’s carbon dioxide and says that American cars and light trucks alone emit more carbon dioxide than almost all the other nations of the world combined. Environmental Defense says that driving a car, especially an SUV, is the most egregious sin one can commit from a pollution standpoint. Since Americans have demonstrated they won’t cut emissions on their own, big government will have to step in and impose curbs and controls on autos and industry in general. Clearly, advocacy groups and lobbyists had found a new hot-button issue to support their fund raising.

Global warming fanatics found powerful allies in the Democratic Party, and especially then Senator Al Gore. Government control and public opinion were the levers needed to implement the global warming

¹ Notra Trulock III was Intelligence Director of the Department of Energy until he was dismissed for exposing security leaks under the Clinton administration. He has quite a reputation as a whistle blower.

agenda. Activists would need to capture key policy jobs in those federal agencies with science portfolios, like the Energy Department, the Environmental Protection Agency (EPA), and the National Oceanic and Atmospheric Association (NOAA). Once secured, these jobs would give activists control of the key levers of influence over the scientific community—research grants and federal funding of national labs and universities. They knew that they could always buy scientists who would turn out scientific studies and research reports that would help them shape and mold public opinion.

The Clinton/Gore Legacy

The Clinton/Gore victory in 1992 opened that door. President George H.W. Bush's refusal to personally attend the 1992 United Nations Earth Summit in Rio de Janeiro, and his reluctance to accept binding agreements on carbon dioxide curbs gave the Clinton/Gore team another issue in their campaign to show that "President Bush was out of touch with the people and their daily concerns."

Once in power, Al Gore, a strident environmentalist, began to remake the government bureaucracy in his image. His life experience in Washington had taught him the value of the old Washington truism, "personnel is policy." He established a White House Climate Change Task Force and placed his former legislative aide, 29-year old Kathleen McGinty, in charge of a new White House Office on Environmental Policy. He put her on the National Security Council, the new National Economic Council, and the Domestic Policy Council as a symbol of the importance of environmental policy in the Clinton White House. McGinty would be in charge of seeding the government bureaucracies with "greens" and was reputed to have an enemies list of Bush hold-overs. Former NASA chief scientist Robert Watson, a Gore favorite, became associate director in the White House Office of Science and Technology (OSTP). Gore brought in other "green" lawyers and lobbyists to populate the new White House positions.

He installed his former legislative director, Carol Browner, as the new EPA administrator in 1993. Under Browner, EPA became the central coordinator of the federal global warming campaign, dispensing funds through a variety of inter-agency committees and programs. At the Defense Department, the position of Deputy Undersecretary of Defense for Environmental Security was established, and the CIA established a task force to apply national technical means (satellite collection platforms) to monitor world environmental issues. Tim Wirth, a former Democratic senator from Colorado, became Undersecretary for Global Affairs at the State Department. He led all U.S. negotiations on climate

change. As a senator, Wirth had proclaimed that it didn't matter if the science of global warming was right or wrong, the economic and environmental policies would be right for America.

Naysayers Not Wanted

The fate of Bush appointee William Happer, a highly respected Princeton physicist, is symptomatic of Gore's remaking of the bureaucracy. Happer had been asked to stay over until a new Assistant Secretary of Energy could be appointed, but he quickly ran afoul of Gore and his climate control group in the White House. Happer had initiated a research program to test the various ozone depletion theories then in vogue and had found that the empirical results were not matching the theory's predictions. When he told a House committee that "there probably has been some exaggeration of the dangers of ozone and global climate change," White House officials promptly fired him. Gore had already decided that ozone depletion would damage crops and increase the rate of skin cancer.

Robert Watson had predicted that an ozone hole would open up over Kennebunkport, ME, President Bush's vacation home. Happer had publicly ridiculed Watson's suggestion and so Happer was almost certainly on McGinty's enemies list. Happer, in a later interview, correctly identified the Clinton/Gore approach as "politically correct science." The huge amounts of funding made available by Clinton/Gore ensured that the new administration would get the "answers" on global warming it was seeking. Happer said that science was being turned on its head. Instead of science driving policy, policy now determined the results it wanted and then paid scientists to come up with them.

Also, at the Energy Department, a staff lawyer from the Natural Resources Defense Council, another Washington-based environmental advocacy group, became Secretary Hazel O'Leary's chief of staff and then went on to become an assistant secretary, with control of over \$1.3 billion annually in climate-change funding. The Energy Department doled out billions of dollars in global warming funding to its National Laboratories, which had convinced the department that many of its computer models used to develop nuclear weapons were applicable to climate modeling. In addition, the Department funded university research grants and scholarships in the various climate-change academic disciplines.

The largest Energy project is the Atmosphere Radiation Measurement (ARM) project, run by Scandia National Laboratory along with the other nuclear weapons design laboratories. The ARM program even has its own air force; it uses a fleet of Unmanned Aerial Vehicles

(UAVs) and propeller-driven aircraft to collect cloud data at three sites: Oklahoma, the western Pacific Ocean, and Alaska's North Shore. The Department recently signed an agreement with Australia to begin data collection at Darwin. Congressional skeptics have wondered what, if anything, these programs have to do with nuclear weapons, but they continue to fund them nonetheless.

Over its two terms, the Clinton administration pumped nearly \$20 billion into global warming science and technology initiatives. By 2002, the EPA website advertised that more than a billion dollars was still available for grants for the purpose of reducing greenhouse emissions.

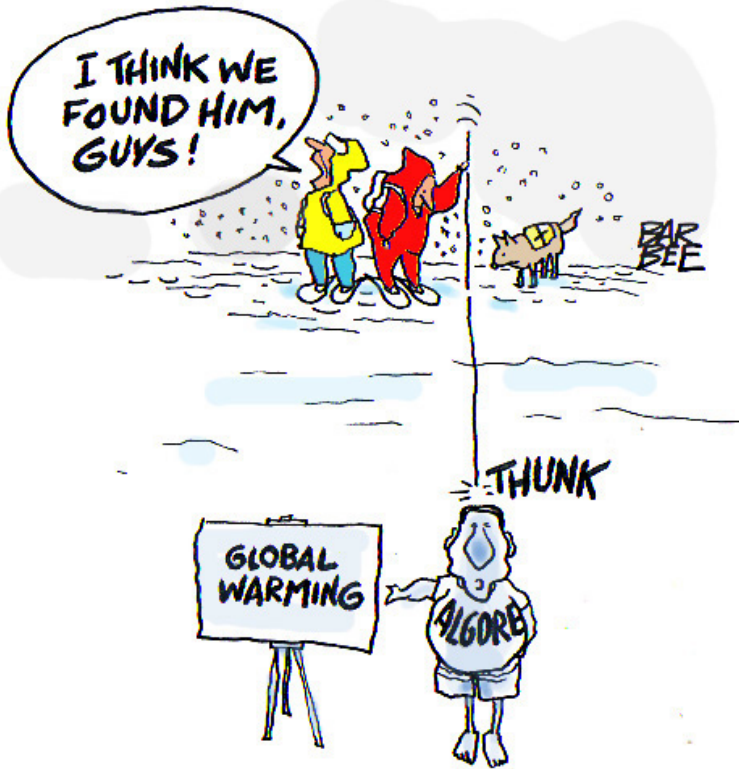
Scaring the Public

As part of its campaign to mold public opinion, the EPA sponsored regional conferences throughout the United States to dramatize the potential impacts of climate change. In May 1999, for example, the EPA visited South Florida and the Florida Keys to warn local residents of the potential impacts for their region of global warming. Local EPA officials, area activists and outside speakers told attendees that global warming is real and that their area would be particularly hard hit. One local activist told the conference that global warming represents "the largest single threat to our planet that we know of, including a nuclear holocaust." A professor of environmental health from Columbia University predicted an outbreak of water-borne diseases like malaria as the sea level rises in the wake of global warming. A "hurricane expert" predicted a 50% increase in hurricanes in that year alone. (In fact, the number of hurricanes decreased in 1999 in comparison with past years.) Others predicted that the Everglades would disappear, as would safe drinking water and clean air.

Global warming advocates also had a reliable ally in the mainstream media. In most cases, the media simply report research findings and results handed to reporters in government news releases and interviews. The more provocative and alarming the reports, the more likely they are to find their way onto the front page. The Alaska report on the dramatic impact of warming was funded by NOAA, Department of Interior and National Science Foundation grants. Rarely do reporters challenge the "science," and rarer still do they present global warming as anything other than an accepted fact among scientists.

The media have helped create the false impression that the vast majority of scientists agree that global warming is a serious threat that calls for drastic action. Agreement with this seems to be a litmus test for Times reporters covering science. One such reporter, Kenneth

Chang, answered a question on the Times Internet site about global warming by saying that it's a complicated subject, but 97% of all scientists think it is real and is caused by CO₂ emissions. He said there are uncertainties in the science, but he admitted that he tries to write his articles on global warming from the majority viewpoint. Nevertheless, he had a good article in the Times last April that corrected the impression given by an earlier story by another reporter that global warming was affecting Antarctica. Chang reported that the interior of Antarctica is actually cooling, and he gave credit to the satellites that provided this information. Such news is rarely mentioned by the Times and other media.



CREDO

The Biblical Astronomer was founded in 1971 as the Tychonian Society. It is based on the premise that the only absolutely trustworthy information about the origin and purpose of all that exists and happens is given by God, our Creator and Redeemer, in his infallible, preserved word, the Holy Bible commonly called the King James Bible. Any scientific endeavor which does not accept this revelation from on high without any reservations, literary, philosophical or whatever, we reject as already condemned in its unfounded first assumptions.

We believe that the creation was completed in six twenty-four hour days and that the world is not older than about six thousand years. We maintain that the Bible teaches us of an earth that neither rotates daily nor revolves yearly about the sun; that it is at rest with respect to the throne of him who called it into existence; and that hence it is absolutely at rest in the universe.

We affirm that no man is righteous and so all are in need of salvation, which is the free gift of God, given by the grace of God, and not to be obtained through any merit or works of our own. We affirm that salvation is available only through faith in the shed blood and finished work of our risen LORD and saviour, Jesus Christ.

Lastly, the reason why we deem a return to a geocentric astronomy a first apologetic necessity is that its rejection at the beginning of our Modern Age constitutes one very important, if not the most important, cause of the historical development of Bible criticism, now resulting in an increasingly anti-Christian world in which atheistic existentialism preaches a life that is really meaningless.

If you agree with the above, please consider becoming a member. Membership dues are \$20 per year. Members receive a 15% discount on all items offered for sale by the *Biblical Astronomer*.

To the law and to the testimony: if they speak not according to this word, it is because there is no light in them.

– Isaiah 8:20

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