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Front Cover: A raw, un-retouched photo of an unexplained transient phenomenon observed during a rainstorm in July 2013. Note similar bright objects in the background, each of which covers an area of from 6-12 pixels. (Courtesy: Rhetta Hall.)

THE BIBLICAL ASTRONOMER

Volume 22, Number 141 SUMMER 2013

TABLE OF CONTENTS

Editorial	55
Readers' Forum	57
Panorama	67
A New Cause for the CMB Revisited Gerardus D. Bouw, Ph.D.	73
Is the Fight for the KJV Necessary? Gary Freeman	78
Pulsars Make a GPS for the Cosmos	79

EDITORIAL

Geocentricity is in the proof stage. The full title is Geocentricity: Christianity in the Woodshed. It is an indictment of two types of people: humanists and those that prefer the praise of men to the praise of God. The tome is quite weighty, consisting of 816 pages all told. The printed version has black and white pictures and graphics; the electronic version will contain color pictures where possible. A paperback version of the book is at least a year away.

It has been 21 years since the 1992 edition of *Geocentricity* appeared in print. A condensed version of the book was distributed under the title, *A Geocentricity Primer*. A severe error was discovered in 1999, which was corrected in subsequent editions of the *Primer*. By the time of its discovery, *Geocentricity* was sold out. I thought it better to do a third edition. (The first edition was printed in 1984 under the title: *With Every Wind of Doctrine*. My life verse is Ephesians 4:13-16.)

The price for the hardbound book, which is 6 by 9 inches, has not yet been set but it will probably be in the neighborhood of \$30 in the U.S.

This issue is late, as seems to be usual these days. As a result, I want to offer a word of advice to those of you who are contemplating retirement: if you think you have no time for anything while you are working, wait until you retire. The demands on a retiree's time are incessant.

Polar Alignments

In this issue we present an article entitled "A New Cause for the CMB Revisited." We found some interesting support for the theory that the cause of the temperature of the universe, called the cosmic microwave background. But beyond that, the support introduced two phenomena that align to the earth's north and south poles. Most alignments have been along the ecliptic, the path of the sun about the earth, but in that article I describe two reports that align with the earth's poles. One of them aligns with the ecliptic, too, particularly the with location of the sun on the first days of spring and fall. The second has a weaker dependence upon the locations of galaxies in the northern and southern hemispheres.

Call for Educational Materials

The first weekend of October, I spoke at the "Old Paths Christian Conference" that is held annually at the Church at Kaweah in Kaweah, California. While there, discussion arose about the need for educa-

56 Editorial

tional material that reflected Scripture's view of astronomy. Phillip Stott has done a some of that, but there is a hunger for such material among those who school their own children. Please volunteer any help you can give us with such a program.

One of the largest impediments to such an educational endeavor from a pragmatic stance is that the key organization for being a vehicle for the creation and propagation of such materials is enamored on the heresies of the gap theory. (I cover some of that in the "Forum" article in this issue.) If you think about it a while, you realize that the gap theory and geocentricity are incompatible. Geocentricity makes a mockery of all the habitats of the pre-adamic world. Only this heaven and this earth is significant enough in God's eyes to merit the death, burial, and resurrection of his only begotten Son. The pre-adamic world had no saving merit.

It is either the Talmud or the Kabala, I've forgotten which although I suspect the Kabala, that claims we are now in the seventh and last reincarnation of the universe. Each incarnation or cycle lasts 7,000 years and each ends disastrously. After that, another 7,000-year cycle starts and so forth. After 49,000 years, the cycle ends and Nirvana ensues. That is the historic and spiritual source of the gap theory. In my eyes it is nothing but paganism.

ALL ABOUT POLITICS

Any American who is prepared to run for president should automatically, by definition, be disqualified from ever doing so.

—Gore Vidal

I have come to the conclusion that politics is too serious a matter to be left to the politicians.

-Charles de Gaulle

Instead of giving a politician the keys to the city, it might be better to change the locks.

—Doug Larson

Politicians are the same all over. They promise to build a bridge even where there is no river.

-Nikita Khrushchev

READERS' FORUM

Is A.D. 2060 the Year of the Second Coming?

Mr. J. P. of Arizona asked for details of how Isaac Newton arrived at A.D. 2060 for the second advent of Christ. Here is the analysis I sent in response, with additions, to his request.

Thank you for your renewal and letter of late. In the letter you asked about Newton's date of 2066 for the Second Coming. It arises from the strict-millennial premise that Abram was born A.M. 2001 (i.e., 2000 years since the creation which starts with the year 1).

2001	Birth of Abraham
+30	age he starts his "ministry"
2031	
+430	Between promise and law (Gal. 3:17)
2461	Exodus
+40	
2501	Enter the promised land
+490	Years the sabbath was kept
2991	Temple founded
+490	Years sabbath year was not kept
3481	Destruction of the temple
+520	Years to birth of Christ
4001	

That gives us 520 years to 4001 which means that the destruction of the temple must have been in 520 B.C. The established date for the destruction of the temple is 586 B.C., which gives a difference of 66 years.

When we add 70 plus 483 = 553 to accomplish Jeremiah's duration of the exile plus Daniel's time until the Messiah's ministry starts respectively, we arrive at the time of the appearance of Christ as A.M. 3481 + 553 = 4034, which is A.D. 33. This falls afoul of the fifteenth year of Tiberius mentioned in Luke 3:1 which figures to A.D. 28-29. So there are problems with the above chronology. A straightforward reading of the chronologies presented in Genesis puts Abram's birth in A.M. 2009 and his call (Genesis 12:1) in A.M. 2039. These deficien-

¹ Bouw, G. D., 2004. "Sir Isaac Newton and the End of the Church Age," B.A., 14(108):60.

58 Readers' Forum

cies account for 12 or 13 years of the 66-year discrepancy, reducing it to 53 or 54 years.

The period of the kings is most difficult to calibrate. There is apparently a twelve-year period without any king in Judah following the death of Amaziah and Azariah's ascension to the throne. This reduces the 53-year difference to 41 or 44 years. Also, the Sabbaths not kept were 430 years: 390 for Israel reported in Ezekiel 4:5, plus 40 for Judah as per Ezekiel 4:6; not 490.

Chronology According to Scripture

The following table introduces the columns used in the Chronology table that follows. It is clear when using only Scripture, that the chronology does not follow a strict millennial approach. For instance, there is nothing special about the years A.M. 1000, 5,000, and 6,000.

TABLE OF DEFINITIONS

Column name	Meaning _
Anno Mundi	A calendar counting the years from creation starting with the first year as A.M. 1.
B. C. Date	The corresponding year in our modern calendar.
Event	What happened that year.
Interim Years	Interim years; the time to the next event. If this column is negative, scan down until the next non-negative entry and work back up. If the entry is highlighted in color, look for the next A.M. entry with the same color (downward for a positive value, upward for a negative entry). Multiple instances of an interim may land on an A.M. entry of the same color.
References	Scripture reference providing the time listed in the Interim column.

CHRONOLOGY OF THE BIBLE

Anno	в. с.		Interi	n
Mundi	Date	Event	Years	Refs.
				_
1	4002	Adam created	130	Gen 5:3
131	3872	Seth born	105	5:6
236	3767	Enos born	90	5:9
326	3677	Cainan born	70	5:12
396	3607	Mahalaleel born	65	5:15
461	3542	Jared born	162	5:18
623	3380	Enoch born	65	5:21
688	3315	Methuselah born	187	5:25
875	3128	Lamech born	182	5:28
988	3015	Enoch taken		5:23
1057	2946	Noah born	600	7:11
1557	2446	Japheth born	5:3	32&10:21
1559	2443	Shem born		11:10
1657	2346	Flood begins	1	8:13
1658	2345	Flood ends	1	11:10
1659		Arphaxad born	35	11:12
1694	2309	Salah born	30	11:14
1724	2279	Eber born	34	11:16
1758	2245	Peleg born	30	11:18
1788	2215	Reu born	32	11:20
1820		Serug born	30	11:22
1850	2153	Nahor born	29	11:24
1879	2124	Terah born	205	11:32
2009	1994	Abraham born	100	21:5
2084	1919	Terah dies	-75 1:	2:4&Ac7:4
0004	1010	71 7 77		7 7 - 4
2084	1919	Abram leaves Haran	420 2	Ac 7:4
		Abrahamic Covenant	430 ²	Gal 3:17
0005	1000	- 1 2 1		Ex12:40-1
2095		Ishmael born		Gen 16:16
2109	1894	Isaac born	60	25:26

 $^{^2}$ Some commentators confuse the 430 years of Exodus 12:40, 41 and Galatians 3:17 with the 400 years of Genesis 15:13 and Acts 7:6. The 430 years is the total time frame of which 400 is in servitude or affliction. The remaining 30 years were without affliction.

60 Readers' Forum

Anno	B.C.		Intrm	
Mundi	Date	Event	Years	Reference
2169	1834	Jacob born	147	Gen 47:28
2260	1743	Joseph born	110	50:26
2290	1713	Joseph 30, plenty	-30	41:46
2297	1706	Famine starts	-7	41:53
2299	1704	Jacob to Egypt	-2	45:11
<mark>2316</mark>	1687	Jacob dies	-17	47:28
2370	1633	Joseph dies		
2431	1572	Aaron born	3	Num 34:29
2434	1569	Moses born	80	Exo 7:7
2475	1528	Joshua born	110	Jos 24:29
2514	1489	Exodus	479	1Ki 6:1
2515	1488	Tabernacle finished	l -1	Ex 40:17
		Spies sent out		Nu10:11;13:2
		Joshua 40 years old	-40	Jos 14:7
2554	1449	Israel into Canaan	-40	Jos 5:6
<mark>2585</mark>	1418	Joshua dies		
2993	1010	Temple started		

That is the chronology from Adam until the founding of the Temple.

On the Gap Theories

In late 2011 I was sent a copy of a tract written by a Dr. Botkin. The sender, Mr. H., asked if I would critique the article for the readers of his newsletter. Below is my critique with one additional comment at the end.

Dear Mr. H:

Thank you for your newsletter. I read every issue. Thank you, too, for last month's enclosure requesting comment on a Gap theory paper.

Herewith, I enclose a copy of the Summer 2006 issue of *The Biblical Astronomer*, which contained an article on the various gap theories. In this letter, I shall cover some of the points made in Botkin's article.

First, note that the pre-Adamic world, according to Jeremiah 4:23-26, mentions birds that had "fled." If the pre-Adamic world was destroyed (without form and void) then the birds were eradicated, unable to flee the devastation. Then God turns around to "correct" his first try at making men, and creates the same animals and angels that were destroyed in the first world.

If Isaiah 14:12's³ nations are pre-Adamic, then the nations were nations of angels, not men. But the angels have no nations this time around and there is no hint that they had nations before this creation either. Again, why would God repeat the same "mistakes" and produce the same failures and fate (except this time by fire instead of water)? Also, if Isaiah 14:12, which refers to the king of Babylon as well as Satan, reflects a past event, why does it speak of the future of this world and refer to a king in *this* world and not the first world? And why would the Holy Ghost compare Lucifer to a king of this earth if the reference is to the pre-Adamic world? That Lucifer's "throne shall be brought low" is future tense, not past. There is no hint that this refers to a past event.

The context of Revelation is that it refers to events that "must shortly come to pass." This means that they are future events that will begin in the not-too-distant future after the writing. I am persuaded that they begin in the second chapter of Revelation and that chapter two and three span about 2,000 years. If Satan's fall in Revelation 12 says the dragon's "time is short," it seems highly unlikely that it refers back to an event that happened 6,000 or six million, or you-name-it billion years ago.

If II Peter 3:5-7⁴ refers to the destruction of the pre-Adamic world, note that the sun, moon, and stars were then destroyed also, for "all" the heavens were destroyed according to that verse. That means that the sun, moon, and stars were not hidden from earth's view by the darkness of the first four days, as pre-Adamic world advocates say they were, but had to be recreated. Since the *world* pertains to mankind, it can only be the case that the world described in the text is the antediluvian flood of Noah. Indeed, Peter also refers to Noah's flood in II Peter 2:5 and calls it "the old world."

As for two worlds destroyed by a flood, why? There is no flood mentioned in Genesis 1. The earth is formless and void inside the wa-

³ Isaiah 14:12—How art thou fallen from heaven, O Lucifer, son of the morning! how art thou cut down to the ground, which didst weaken the nations!

⁴ II Peter 3:5-7—For this they willingly are ignorant of, that by the word of God the heavens were of old, and the earth standing out of the water and in the water: 6 Whereby the world that then was, being overflowed with water, perished: 7 But the heavens and the earth, which are now, by the same word are kept in store, reserved unto fire against the day of judgment and perdition of ungodly men.

62 Readers' Forum

ter according to Gen 1:2. Why read destruction by a flood into that text? We have a world destroyed by a flood in Genesis 7; why seek an earlier fulfillment in any verses that mention the flood? Or did God not get it right the first time? Or are we to believe that God failed with the angels and now, as per the prophetic pronouncements of this world, will again have to destroy this world for man's failure. And why shall men judge angels as mentioned in I Corinthians 6:3? Were they not judged before the re-creation?

When it comes to the length of time that Satan was in Eden or the garden of God among the jewels before iniquity was found in him (Ezekiel 28), there could easily have been thirty or forty years that elapsed from the creation to the temptation of Adam and Eve. Since they were designed to live forever, their birth rate would be slow so that no children were born in the Garden of Eden. Once the fall shortened their lives, Eve would soon have started bearing children. After all, Adam was 130 when Seth was born.

Also, if God meant "re-create" when he wrote, "create" why did he not say so? I learned more than 30 years ago that whenever a man feels a need to change the clear meaning of the text that he is enamored on a pet theory and is willing to wrest Scripture to make it fit his theory.

Finally, consider Revelation 21:1, which reads:

And I saw a new heaven and a new earth: for the first heaven and the first earth were passed away;

It is clear from the context that this present heaven and this present earth were the ones that fled away in Revelation 20:11:

And I saw a great white throne, and him that sat on it, from whose face the earth and the heaven fled away; and there was found no place for them.

If the current heaven and earth were the **second** ones that God created, then why does Revelation 21:1 count it as the **first** heaven and earth?

Those are some of the thoughts that occurred as I was reading Dr. Botkin's defense of the Pre-Adamic world.

Is the Sun Zipping Through Space?

The earth-centered universe is a great concept and does fit the Christian world-life view. However, when talking with the unsaved about this concept I need to have some sort of "scientific evidence" that supports the assumption that the sun is (in fact) traveling around the earth.

We know some "facts":

The sun is 93 million miles from earth; the diameter of the earth's orbit is 186 million miles; the orbit's length (circumference) = π d; the circumference is 540 million miles traveled in "24 hours"; thus the sun's speed is 22,500,000 miles per hour.

My exact question is this: do we know (or is there) any *scientific evidence* that supports (demonstrates) that the sun is, indeed, traveling that fast around the earth every 24 hours? Can you please give me a scientist or an astronomer who will be able to give me an answer on this question of mine?

Thank you, Jim M.

Dear Jim M.,

I'm afraid you have the wrong idea. It is not the sun that is moving *through* space around the earth each day, it's space itself; even the firmament which carries the sun with it as it rotates daily from east to west. The sun is not in orbit around the earth at all. The earth just happens to be at the center of mass of the firmament itself. Thus the sun's speed through the firmament is no more than 18.6 miles per second around the earth once a year. This motion is caused by something called the "Coriolis force" that is imposed on every particle in the universe, causing it to move lock-step with the sun in a 186-million-mile diameter circle.

The firmament, in turn, is located in the third heaven where is the throne of God. The firmament, carrying the universe with it, rotates as seen from both the earth, as God's footstool, and the third heaven where is God's throne.

64 Readers' Forum

Lastly, is there any evidence that the earth stands still in the firmament? Yes, there is. Every experiment ever conducted to directly measure the speed of the earth through space returns a speed of zero. There are three key speed-measuring experiments: Arago's starlight experiment, Airy's failure, and the Michelson-Morley experiment. Arago's experiment was the first and simplest. Imagine a laser shining straight down onto a table. As the beam comes down it passes through a glass plate between the laser and the tabletop and then ends as a spot of light on the table. Needless to say, the spot of light will fall directly under the laser. If, however, the glass plate is moving through the laser beam, from left to right, let's say, then the beam is "carried along" with the glass for as long as it takes to pass through the glass. The result is that the spot of light will fall slightly to the right of the stationary spot.

Now imagine that instead of a laser we use starlight. If the earth orbits the sun, then the glass plate and the lab on earth are carried along with the earth at 18.6 miles per second. If the earth is imagined as moving from left to right, as before, then the spot of the star's light should also fall to the right of the spot of laser light fixed in the lab. But the star's light goes straight through the glass as if the glass plate is stationary in space. Airy's failure and the Michelson-Morley experiment are refinements of Arago's plate-glass experiment but all measure a speed of zero for the earth speed through space.

In order to keep the earth moving through space while experiments measure a speed of zero, the theories of relativity were invented. Regardless of Einstein, the measured speed of the earth through space is still zero; and it still looks like the earth stands still. Einstein constructed his theory so that every atom or atomic nucleus can be regarded as located at rest the center of the universe.

I trust this answers your questions.

From the Netherlands

I have read the material you did send me and I read the book by Wolter van der Kamp, *Houvast aan het hemelruim.*⁵

You did emphasize the Scriptures and I do believe the Scriptures (KJV). They are to me, God's revelation to mankind of His supernatural creation and supernatural regeneration by His Spirit, through repentance of sin and saving faith in His incarnate Son, the Lord Jesus Christ. ... "The natural man receiveth not ..."

⁵ The book is in Dutch and has not been circulated in the Americas, nor has it been translated into English.

Mr. van der Kamp has a delightful way of writing. I especially liked his naming "Saint Albert" the patron saint of what he calls "the Scientific Church" in the 70's! He tickled my funny bone and brought out the (semi) religious stance of many scientists.

Apart from his light humor, which I appreciated, Mr.van der Kamp made the point that those who believe in heliocentrism can not prove their case (either). I appreciated so much when he stated that all NASA calculations are based on the earth being the center. That's so practical and a most persuasive argument!

I do so much appreciate your help in getting me started. I had already been very suspicious of scientific postulations, speculations and their conclusions. Many "scientists" sure have an axe to grind.

Richard Dawkins speaks about "the unthinkable" referring to creation. To real scientists, nothing should be unthinkable. Dawkins had no problem stating in an interview that "we must have been seeded by aliens." Outrageously hilarious, if it were not so sad!

I know you get a lot of criticism, also from other Christians and their organisations, but I do appreciate your stand on the Scriptures. You have been a help to me in getting started.

—J.S.

Where is God's Throne?

Gerardus,

Can you please give me some insight as to the direction or location of God's throne or his actual dwelling place? It appears from Psalm 75:6-7 that perhaps God dwells in the north (wherever that is). Also, Isaiah 14:13 refers to the "sides of the north" (not sure what that is either). If you can give me an insight I would appreciate it. I believe in a literal throne (right now). Yet others have pointed out to me that God is omnipresent. If "heaven" is his throne, perhaps I am incorrect. Thank you,

—В.

Dear B,

As omnipresent, God is everywhere. But it is a mistake to assume that omnipresence disallows God to focus himself on one area or to incorporate himself into a body. Jesus was God incarnate, the Father

⁶ I.e., "Saint" Albert Einstein.

⁷ Since the evidence is so overwhelming that we could not have evolved on earth in the time or environment of the young, unevolved earth, some secular scientists prefer to believe that life evolved in more favorable conditions which they presume existed somewhere else and that these intelligent aliens seeded the earth with the "seeds" of life. The theory is called, *panspermia*.

66 Readers' Forum

was not incarnate and was still omnipresent.

Jacob saw the ladder to heaven from a place several miles north of Jerusalem (Genesis 28:12). He called that place Bethel, the house of God. When the new Jerusalem descends from heaven (Revelation 21:2) its 1500-mile cube lands on Bethel (as well as Jerusalem). That city is called the tabernacle of the Lord in the fifth verse. Jerusalem is more than 30 degrees north. As seen from the north, if Jerusalem were on a roof, the roof would have a 60-degree pitch from horizontal, steep, but doable with caution. Hence "the sides of the north" and dwelling in the north; Jerusalem is in the northern hemisphere of the earth and God came in bodily form in the northern hemisphere. Scripture and the gospel are focused in the northern hemisphere and most of the land mass is in the northern hemisphere, especially the habitable land.

Currently his throne is in heaven (Psalm 11:4) and, as omnipresent, God can say the heaven is his throne (Isaiah 66:1) because of his omnipresence. This is a peculiar property of omnipresence and omnipotence. The best I can explain that apparent contradiction is that we picture ourselves as if our head is all there is of us, but in truth we are larger than our heads, that is, we think ourselves present only where most of our senses are located. Thus the Godhead is on the throne, yet God is present everywhere. This is the focus I mentioned above.

Finally, we are told that paradise is in the third heaven (2 Corinthians 12:2) and that to be absent from the body is to be present with the Lord (2 Corinthians 5:8). It follows that the presence of God is manifest to man in the third heaven. Thus the throne of God is in the third heaven, located above Bethel.

⁸ Genesis 28:12—And [Jacob] dreamed, and behold a ladder set up on the earth, and the top of it reached to heaven: and behold the angels of God ascending and descending on it.

PANORAMA

Unreliable Dates

Rock paintings found in the South African bush in 1991 were dated by Oxford University's radiocarbon dater as 1200 years old. Actually, they were painted by Joan Ahren's art class in Cape Town a few years earlier. Thieves had discarded their bounty in the bush.

Rocks formed between 1949 and 1975 by the Mt. Ngauruhoe volcano in New Zealand were radiometrically dated to be between 270,000 and 3.5 million years old. In reality, they were only 60 years old.

The C-14 used to date plants, animals, and man should all be decayed into C-12 after 50,000 years or so. Evolutionists therefore routinely do not measure the age of coal since after millions of years have supposedly elapsed. There should be no C-14 left in it at all. But coal deposits have been dated at 50,000 years, give or take 10,000 years. The coal beds are, therefore, younger than 50,000 years. (Human artifacts have been found in coal mines by miners. I talked to one miner some 30 years ago who during his career encountered several manmade artifacts in coal seams.)

Some Historical Insights into Modern Physics

The following was submitted by David Lifschultz. It includes Lifschultz family experiences with Einstein and others. My comments are in square brackets. The text rambles a bit but it documents that the philosophy behind the predominantly Jewish theoreticians (Heisenberg, Einstein, Planck, etc.) is idealistic, meaning it is based on how the theoretician thinks God *should* have created physics to behave (but it usually does not behave), as opposed to the pragmatic philosophy of the Gentile physicists who rely on observations and experience.

Heisenberg stated "the existence of centrifugal forces in a rotating system proves — so far as the theory of relativity of 1905 and 1906 is concerned — the existence of physical properties of space which permit the distinction between rotating and non-rotating systems." [This statement by Heisenberg, after whom the Heisenberg Uncertainty Principle is named, is the foundation upon which the yearly motion of the sun, planets, and stars rests. Einstein invented relativity to force the universe into a non-geocentric position while the experimental evidence says the creation *is* geocentric.]

Seeing that the "repetition of Michelson's experiment by Morley and Miller in 1904 was the first definite evidence for the impossibility of detecting the translational motion of the earth ["translational" meaning earth's alleged motion around the sun] by optical means, led Einstein to say, "the struggle, so violent in the early days of science, be-

68 Panorama

tween the views of [Aristarchus, Ptolemy, Copernicus and the Bible] would then be quite meaningless. Either coordinate system could be used with equal justification. The two sentences, 'the sun is at rest and the earth moves,' or 'the sun moves and the earth is at rest,' would simply mean two different conventions concerning two different coordinate systems."

Heisenberg goes on to say "the hypothetical substance 'ether,' which had played such an important role in the early discussions on Maxwell's theories in the nineteenth century, had been abolished by the theory of relativity" (in other words, space is empty of emptiness). However, there is an apparent contradiction here between the two points for if there are properties to space how can it be empty of emptiness?¹

It would appear that if it was determined that there was a form of proof of the rotation of the ether around the earth or some form of physical property on the one hand, or the earth rotating (using relativistic jargon) through the ether or physical property on the other, and that this relative rotational movement was measured, then it would appear to suggest that the translational motion being unprovable means that the earth is at rest at least translationally, for how otherwise could it not demonstrate some effect against the those very same physical properties translationally as it does in a rotational and relativistic sense?

Einstein told Sarah Korein's [David's aunt who once owned much of Manhattan] father that he was merely applying Kabbalistic mysticism to western physics carried forward by Sir Isaac Newton, the latter maintained that whoever claimed there was no ether to carry light (as in an analogy if there were a perfect vacuum—no air—no sound could be carried across the room) was scientifically deranged. Today madness is called genius.

But it goes further than this. Werner Heisenberg in his works says that his solution to the major problems in modern western physics came from the mystical works of Plato found especially in his *Timeaus*, which is an idolatry of mathematical symbols, and a ghastly form of atheistic apparitions. Heisenberg's father was a Greek professor.

When [David] went to the Kabbalistical classes of Rabbi Mendel Kessen I was struck by the similarities between the pagan mysticism of Plato and that of the *Kabbala*, and when I pointed it out to the good Rabbi, he came up with the absurd contention that the mysticism of Plato came from the *Kabbalah* and not vice versa. In line with this the collaboration between Albert Einstein and Sarah Korein's father stemmed not because she was one of the wealthiest real estate operators in Manhattan, and certainly the most powerful, but because her father

¹ Quotes are from Einstein's *The Evolution Of Physics* and Werner Heisenberg's *Physics And Philosophy*.

was a Kabbalistical Rabbi that Einstein had sought out to work through certain problems in Physics.

It is here in the *Kaballah* that the pantheistic notions of the universe being God took form for Spinoza, and later, for Einstein. The emphasis on light or fire as the center of his measurement system, and the sun as the center of the universe, was foreshadowed in the fire worship of Zoroastrianism.

The relativistic notions of Einstein had nothing to do with the advancements of atomic energy which were based on the empirical studies of Becquerel, Curie, and Rutherford on radioactive decay. Any decaying body like radium produces an amount of heat about a million times greater than the heat released in a chemical process in a similar amount of material. This is empirical knowledge separated from illusion.

[Likewise, the practices and philosophy of] modern medicine incorporates a theory and techniques which Maimonides identified as originating from the Amorites (see his Guide For The Perplexed). Like modern physics, modern medicine is also of pagan origin. Ancient and pagan spiritual sources have been cast into an atheist mold by exorcising spiritual disorders from its purview. For instance, modern medical techniques prefer operations for cancer as a cure; physicians prefer to regard cancer as a form of organic malignancy rather than, say, as in Egyptian medicine, as an attack by an evil spirit. All cancers, according to Doctors Albert Schweitzer and Dr. Max Gerson in his book, A Cancer Therapy (available at Amazon.com) are due to eating unnatural foods created in modern food processing units where processes such as hydrogenating oils create forms of plastic that accumulate in the body and are encapsulated by tumors by the body's defensive mechanism against poisons. [Note the spiritual cause of this illness; an evil spirit named greed moves greedy men to pass off a poison as food: thus killing millions of people every year.]

Maimonides in his *Mishne Torah* goes into a series of natural preventive methods of disease which deal with virtue, healthy diet, healthy air, healthy sleep habits, healthy water, etc., and issue a guarantee that, genetics otherwise, such practices will prevent all diseases.

Multiverse versus Universe: Does It Matter?

In a previous issue we noted that cosmologists who believe in God favour a single universe versus atheistic cosmologists who favour the multiverse. (The multiverse can be regarded as a universe of universes.)

Most Christians dismiss both points of view as irrelevant to what they consider the most important thing of all, namely salvation. The born again experience, which is requisite to salvation, is certainly important to 70 Panorama

the sinner who hates what he is, but it is just as "irrelevant" to an unregenerate person as the multiverse issue is to the regenerate Christian.

But it does matter to both. Consider an interview published in the June 2012 issue of *Smithsonian Magazine*. Ron Rosenbaum (RR) interviewed Roseann Cash (RC), the daughter of Johnny Cash and June Carter Cash. After some questions about her own music career, Rosenbaum asked for what songs she was writing now:

RC: Well, there's one called "Particle and Wave."

RR: Is the male a particle and the woman a wave?

RC: Something like that...but part of it is that I have a deep love of theoretical physics. It started 30 years ago when I became interested in astronomy. I read about light shifts and that led me to theoretical physics. Things like time and how long it takes light from stars to get here. Black holes. Where you would come out if you went into a black hole.

I had a conversation with Brian Greene [a celebrated cosmologist and author]. I asked him if God was the unified field. Greene's response: "It depends on your definition of God."

Theoretical physics is like a religion to me, and I have a lot of friends who are scientists. And I can only grasp this little part over here. I have a friend Lisa Randall, she's one of the top theoretical physicists at Harvard. She just came out with a book, *Knocking on Heaven's Door*. She's very pragmatic about all of this stuff even though she's a theoretical physicist. But a lot of her colleagues go way off into parallel universes [a.k.a. multiverses].

RR: Multiverses? I say (realizing only later that songs are multiverses, in more ways than one).

RC: "Multiverse theory" is the idea much discussed recently in theoretical physics that there may be a potentially infinite number of possible universes encompassing all possible eventualities, in which infinitesimal and grand differences play themselves out.

It's freeing to me. The choices I'm making in another universe might be better, but they might be worse. I might be doing pretty well.

Roseann says her friend Randall is a multiverse skeptic. "She thinks its narcissism...because she doesn't think that every choice you do or don't make opens up a parallel universe. It's not all centered around you."

Rosanne then tells a story that brings us to the heart of the universe/multiverse controversy.

RC: Do you know the band the Eels? OK, it's not a very well known band. Mark Everett, it's basically him. His dad Hugh Everett was a theoretical physicist at Princeton, who, I don't know if he invented the multiverse theory, but if he didn't invent it, he refined it. [Everett came up with the parallel universe theory. — *Ed.*]

Mark found his father, Hugh, dead of a sudden heart attack. He was a very distant father. So there were two children. [Years] after her father died, Hugh's daughter, Mark Everett's sister, and committed suicide. [Before killing herself she arranged her environment to be parallel to the time of her father's death] so that she could be with her father in a parallel universe.

So Mark Everett is the last of his family left. He went to Princeton and talked to his father's colleagues and tried to understand the multiverse theory so he could find out who his dad was. And the BBC did a documentary about him. So I went to see them speak, these physicists and Mark. There was a Q&A with the audience and the last question, this woman asked the physicist, "So is heaven...when you die, do you just go to a parallel universe? Is that what heaven is?"

None of the physicists wanted to touch this question. They looked at each other and then finally one of them said, "It's possible."

It behooves me to draw a distinction between a parallel universe and a multiverse. Hugh Everett came up with a statistical view of the universe. For instance, if you flipped a coin there is a random chance of it coming up heads or tails. Hugh thought that the act of flipping the coin would split the universe. In one universe it came up heads and in the other universe the coin came up tails. Likewise, if the odds were one in three, then the universe would split into 3 universes: one in which the event happened and two where it did not. This sounds intriguing and even rational to many, but suppose that the odds involved an irrational number such as π . The value of π is 3.14159... without end. If the odds were one chance in π , for instance, then the universe would have to split into an infinite number of universes.

Modern cosmological thought has infiltrated society's and your thinking, too, dear reader much more than you might think. And, spiritually speaking, to any of us the views we adopt can easily be a matter of life and death for body and soul.

Why Government Interference Proves Renewable Energy Is Bunk

This note came from two financial advisors: Porter Stansbury and Sean Goldsmith.

72 Panorama

A friend of ours in the renewable-energy sector recently told me (Porter) that he's bullish on the sector because the U.S. government is mandating that states produce a certain percentage of their energy with renewables. And it's true. The government's will is difficult to ignore. After all, it prints the money.

But the fact that the government has to mandate that companies build these technologies and utilities use them proves beyond any reasonable doubt that these technologies are totally inefficient and destroy capital. The sad thing is that people want to believe that we can run the power grid from the sun or that they can drive their cars by plugging them into a wall socket. It's completely naïve.

What's really going to happen is the cost of their electric bills are going to go through the roof because the electric companies have a guaranteed return on these investments. And the way they'll get that return is by raising electricity prices. It's that simple.

So all these things are just what used to be called "cap-and-trade" in new clothes. For some reason, the lobbyists for these alternative energy schemes are extremely powerful. Every politician in America gets votes by saying we're going to turn away from nuclear power, coal, and hydrocarbons and have a bright new future in America. It's all bull.

And if you want to see the inevitable outcome of it, look at what has happened to the prices of power and the reliability of the grid in Germany and Spain. In Germany, electrical power prices are going up so much that it threatens the country's competitiveness and manufacturing. In Spain, the situation is so bad that the electrical grid itself is beginning to fail because the solar panels don't work when they get hot... And it's frequently hot in Spain.

They're totally wasteful investments. They will result in a lower-quality power grid and vastly higher prices for electricity. And it's a shame that none of the politicians will talk about the realities of how much alternative energy costs. Instead, they just throw out fables that this is what's good for America.

A NEW CAUSE FOR THE CMB REVISITED¹

I have written about string theory before, but not much in recent years. The main reason for that is two-fold: first, the theory of the firmament has made string theory of no consequence in the theory of geocentricity, and second, because string theory's strings have no thickness, string theory can make no testable predictions.

While working on the theory of geocentricity's firmament, I made several predictions based on classical acoustic physics applied to the firmament itself. One of those revealed that transverse waves move through the firmament at the speed of light. Another is the subject of this report and that is based on longitudinal (compression, or shock) waves which, when applied to the compression part to be the density of the firmament and the decompressed part of the shock wave as the density of the vacuum of space, has a speed of the order of 10^{29} times the speed of light.²

The report that follows originated from attempts to solve the *horizon problem*. The horizon problem is a problem with the Big Bang. The problem is that the universe seems to have the same temperature everywhere even though light has not had enough time to reach those regions to allow the regions to reach the same temperature. The horizon problem spurred research on the inflationary universe theory, which appears to solve the problem, although it, too, may have inflated so fast that the most distant regions are still isolated from us at the center.

Two physicists, Elias Kiritsis and Stephon Alexander, sought for a model of the cosmos that allows the speed of light to have a variable speed as well as the ability to be incorporated into string theory. The two separate efforts, both derived a system where the speed of light would not be constant, and yet solve the horizon problem without the need of inflation.

The first theory of the *variable speed of light (VSL)* was proposed by John Moffat, who later incorporated it into his modified gravity theory. A later theory was developed by Magueijo and Andreas Albrecht.

The horizon problem is solved by the VSL theories because the two regions could communicate by light having traveled faster in the past than it does now. Moffat's 1992 VSL theory allows the speed of light in the early universe to be very large — about 100,000-trillion-trillion (10²⁹ times today's speed of light). This allows all regions of the observable universe to easily communicate with each other.

A. Z. Jones and Daniel Robbins, 2012. Dummies.com

² Bouw, G. D., 2013. "A New Cause for the Cosmic Microwave Background?" B.A., **22**(139):18.

³ We derived this number in: *ibid*, page 20.

To get this to work out, Moffat had to make a conjecture that the *Lorentz invariance*—the basic symmetry of special relativity—was somehow spontaneously broken in the early universe. Our solution is that the firmament is absolute space and relativity does not apply to it; Lorentz invariance does not have any meaning for the firmament.

One support for the VSL approaches is that recent research by John Webb and others has indicated that the fine-structure constant may not have always been constant. The *fine-structure constant* is a number that is a ratio made up of three values: Planck's constant (spin), the charge on the electron, and the speed of light. It shows up in certain equations involving changes in the distribution of electrons about the nucleus of an atom.

If the fine-structure constant has changed over time, then at least one of these three values, speed of light, the electron's spin rate, or the charge of the electron (and possibly more than one) has also been changing. For instance, the spectral lines (colors) emitted by atoms are defined by Planck's constant. Scientists know from observations that these spectral lines haven't changed, so it's unlikely that Planck's constant has changed. Still, any change in the fine-structure constant could be explained by varying either the speed of light or the electron charge (or both).

In their report (see footnote 1), Jones and Robins conclude that:

These proposals are intriguing, but the physics community in general remains committed to the inflation model. Both VSL and inflation require some strange behavior in the early moments of the universe, but it's unclear that inflation is inherently more realistic than VSL. It's possible that further evidence of varying constants will ultimately lead to support of VSL over inflation, but that day seems a long way off, if it ever happens.

In our model of the Cosmic Microwave Background referenced in footnote 2, the 10^{29} c speed still applies today. Certain pressure differences, such as occurs near quasars and black holes, could cause the ultra fast speed derived in reference 2 to vary and appear to locally change the fine structure constant.

Is the Fine Structure Constant Variable?

The laws of physics in our own part of the universe are geared towards life—but in the rest of the universe things might be very different. The fine structure constant is a measure of the electromagnetic force that binds electrons to their nuclei in atoms. Classical physics assumes that this constant, called alpha is just that, a constant. But research conducted by John Webb from the University of New South

Wales in Sydney suggests that this constant varies slightly over time.

Webb and colleagues have evidence showing that the fine structure constant varies even more depending on which direction of space you look into. Webb's team used the Very Large Telescope (VLT) in Chile and the twin Keck telescopes in Hawaii to look at the way light from around 300 galaxies roughly 12 billion light years away is absorbed by atoms in interstellar gas clouds between the distant galaxies and earth. The telescopes are in different hemispheres, and so point in opposite directions into space.

Polar Alignment?

I put a question mark in this section's title because at this time it is not clear if the variability in alpha, the fine structure constant, is aligned to the pole of the earth, the pole of the ecliptic, or the pole of the Milky Way. With only 300 galaxies, the data are too sparse to tell.

Combining the results showed significant changes in the so-called constant, which has profound implications for the laws of physics:

Looking to the north with Keck we see, on average, a smaller alpha in distant galaxies, but when looking south with the VLT we see a larger alpha," explained Julian King, also from the University of New South Wales. "It varies by only a tiny amount—about one part in 100,000—over most of the observable universe, but it's possible that much larger variations could occur beyond our observable horizon.

Webb believes that there is an axis along which the fine structure constant varies and that while the laws of physics and chemistry are geared towards life in our own part of the universe, elsewhere it could be a very different story. For now, at least, that axis appears to be the same as the daily rotation axis.

The implications for our current understanding of science are profound," says Webb. "If the laws of physics turn out to be merely 'local by-laws,' it might be that whilst our observable part of the universe favors the existence of life and human beings, other far more distant regions may exist where different laws preclude the formation of life, at least as we know it.

Some of the current quantum mechanical physics models do predict a variable fine structure constant, as we saw above. But there is more to the story.

A Real Polar Alignment

So far, we found that a relativistic solution to the horizon problem involved a temporary yet immense increase in the speed of light $(\sim 10^{29} c)$. We remarked that the number is not unknown to us, that we derived it as the speed of a longitudinal wave whose bulk modulus is derived by assuming the Planck medium's density as the compressed part of the wave and the vacuum's density for the rarified part of the wave. In our case, the speed is present today and serves to keep the universe close to (within thousandths to millionths of a degree) its average temperature. In our approach, the Planck medium, which is the Biblical firmament, is absolute and relativity plays no role in absolute space.

In issue number 137 we presented the axis of evil. The axis of evil is the ecliptic, the path along which the sun travels throughout the year. Some of the largest structures in the universe are aligned along the ecliptic. These structures are hot and cold spots in the CMB. Astronomers are hopeful that the alignment will disappear, somehow, but every new observation serves only to confirm its existence.

As if the axis of evil isn't "bad enough," a paper posted in arXiv (a bulletin board on which are posted preprints of technical papers) on 17 May 2013 deals an even harder blow against the Copernican principle. Ashok K. Singal of the Astronomy and Astrophysics Division of the Physical Research Laboratory in Navrangpura, Ahmedabad, India examined an even larger anisotropy in the sky than the axis of evil. This one involves a class of radio galaxies that include a group called extended quasars and some other sub-classes of radio galaxies that are also highly energetic. These are not aligned with the axis of evil, however.

Singal reports that his anisotropies lie about a plane passing through the two equinoxes and the north celestial pole (NCP). The two equinoxes are on the axis of evil, marking the location of the sun on the first day of spring and the first day of fall. The north celestial pole is overhead at earth's north pole. In other words, this anisotropy is aligned with the axis of the firmament's rotation about the earth.

The abstract of the article says:

We can rule out at a 99.995% confidence level the hypothesis that these asymmetries are merely due to statistical fluctuations. Further, even the distribution of observed radio sizes of quasars and radio galaxies show large systematic differences between these two sky regions. The redshift distribution appears to be very

⁴ Bouw, Gerardus D., 2011. "The Axis of Evil," B.A. 21(137):65.

⁵ Singal, Ashok K., 2013. "Is there a Violation of the Copernican Principle in the Radio Sky?" arXiv:1305.4134v1 [astro-ph.CO] 17 May 2013.

similar in both regions of the sky for all sources, which rules out any local effects to be the cause of these anomalies.

Two pertinent questions arise. First, why should there be such a large anisotropy present in the sky distribution of some of the most distant discrete sources implying inhomogeneities in the universe at very large scales (covering a fraction of the universe)? What is intriguing even further is why such anisotropies should lie about a great circle decided purely by the earth's rotation axis and/or the axis of its revolution around the sun? It looks as if these axes have a preferential placement in the larger scheme of things, implying an apparent breakdown of the Copernican principle or its more generalization, cosmological principle, upon which all modern cosmological theories are based upon.

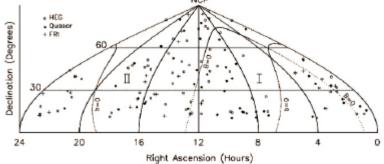


Figure 1: HEGs are high excitation galaxies, FRs are Fanaroff-Riley radio galaxies, and quasars fall close to the plane of the page in this figure taken from the Singal paper. The 0 at right is the same point as the 24 at left and measures hours. The vernal equinox is located there. The autumnal equinox is located at the 12-hour mark. The roman numerals I and II mark the two regions referred to in the above quote from the abstract.

Since the NCP is inclined 23.5 degrees to the plane of the ecliptic (axis of evil), it is hard to see the clustering in this diagram. If confirmed by more data, this would be a most devastating blow against the Copernican myth that the universe is homogeneous—meaning that like homogenate milk there is no expectation of finding clumps of fat in the milk; or clumping of galaxies in this case.

IS THE FIGHT FOR THE KJV NECESSARY?

Gary Freeman

A writer who was despairing over the debate concerning Bible versions wrote, "Precious energies and talents must be wasted on petty quarrels between soldiers who ought to be giving their best efforts to fight the real enemies of biblical Christianity." Is this correct thinking? We believe fellow soldiers ought to debate an issue when it involves the integrity and reliability of the most important piece of weaponry with which we intend to fight the enemy. How can we say nothing to our fellow soldiers when someone has tampered with our artillery? How do we intend to win the battle when we go into the fight with our main weapon taken away and replaced with a faulty, unreliable substitute?

The fight for the KJV is necessary. We who are holding the line for the KJV only are being called culprits. One pastor said, "Certainly the KJV controversy rages on by those who would make it a test of fellowship." Another writes, "One of the heartbreaks faced by any fellowship comes when some movement comes along and polarizes and then splits the group. It may be over Bible versions, personal squabbles or wrongs suffered. The issue is not doctrinal since there is always essential agreement among fundamental brethren in that regard."

We are amazed how the group who brought in the new modern versions into our churches and fellowships now want to blame us who desire to stay with the KJV as being dividers, polarizers, splitters, and controversial ones. If these "fellow soldiers" want to bring in "bibles" that leave out or question Mark 16:9-20; John 7:53-8:11; Acts 8:37; Romans 8:1b; and that delete "through his blood" in Colossians 1:14; "God" in I Timothy 3:16; the Trinity passage in I John 5:7,8; "by himself purged our sins" in Hebrews 1:3; "washed us from our sins" in Revelation 1:5; the word "yet" in John 7:8 (this word being dropped from new versions makes our Saviour a liar); then they should not cry foul, unfair, unloving, or divisive when we squabble over which Bible will be the Word of God in the Battlefield (*sic*).

The offenders, dividers, squabblers, and polarizers are those who want to bring new modern versions into fundamentalism. We believe, contrary to the previous quote, that this is a doctrinal issue. We believe that God has preserved the word he inspired. We believe it to be found in the Greek *Textus Receptus* and in English in our KJV. We will continue the fight for the KJV, not to be divisive but so that we as fellow soldiers can go into battle against our enemies saying, "Thus saith the Lord," rather than, "Yea, hath God said?"

PULSARS MAKE A GPS FOR THE COSMOS

Abstract

A proposal to use pulsars as a type of "global positioning satellites" for interstellar space travel claims to offer definitive proof against the geocentric universe. We show that "proof" is not at all a proof.

Introduction

Pulsars are the remnants of stars that have exploded with such power that all the atoms in the star's core were converted into neutrons. Those neutrons were formed when electrons and protons were squeezed together so tightly that they had to combine into a neutron. The result is that all the material in the core was converted into neutrons. And just as a whirling skater whirls faster when pulling in his arms, so the core of the star also spun faster as it was compressed. A neutron star the mass of the sun will be about 10 miles in diameter and can spin some hundreds of times per second.

For us to detect pulsars their spin axis must closely point to earth. From the number of supernova explosions that happen in a galaxy like the Milky Way, it turns out that the number pointing to earth is inordinately high; as if the earth is in a special place. It is just one more way that God needles the atheistic humanists with geocentricity.

Dr George Hobbs, of the Commonwealth Scientific and Industrial Research Organization, which is Australia's national science organization and his colleagues study pulsars. Usually the astronomers are interested in precisely measuring when the pulsar pulses arrive in the solar system. Slight deviations from the expected arrival times can give clues about the behavior of a pulsar itself: whether it is orbiting another star, for instance. But we can also do the reverse; we can use information from pulsars to very precisely determine the position of the telescope.

Navigating by Pulsar

This provides a way to navigate among the stars. Mount a telescope on a spacecraft and the crew could get their position in space. By observing at least four pulsars once a week the ship would stay on course. Hobbs figures that each pulsar would have to be observed for

¹ A paper describing in detail how the system would work has been accepted for publication by the *Journal Advances in Space Research*.

about an hour. He notes that: "Whether you can do them all at the same time or have to do them one after the other depends on where they are and exactly what kind of detector you use." X-ray pulsars should give the best results. Before these pulsars can be safely used, however, they must be observed for many years by radio telescopes so that the timing of their pulses were well established

Application to Travel in the Solar System and Beyond

Spacecraft within the solar system are usually tracked and guided from the ground by the Deep Space Communication system. But the further out the craft go, the less accurately we can measure their locations. For voyages beyond the solar system, spacecraft would need an on-board ('autonomous') system for navigation. Gyroscopes and accelerometers are useful tools, but the position information they give becomes less accurate over time.

Navigating with pulsars avoids these problems. Scientists first proposed pulsar navigation back in 1974. The ability to implement the technology has come closer with the development of small, lightweight X-ray detectors that could receive the X-ray pulses that certain pulsars emit. NASA is exploring the technique.

Using the technology, spacecraft will be able to determine their positions to within about 12 miles (20 km), and their velocity to 4 inches (10 cm) per second.

The pulsar positioning technology can also compute the masses of objects such as we have in the solar system. In 2010 Dr Hobbs and his colleagues used an earlier version of the software to "weigh" the planets out as far as Saturn to six decimal places. By the same token, the system can detect supposedly undiscovered planets, such as the notorious Nibiru.

Proof That the Earth Orbits the Sun?

In an interview, the question arose, "What about showing that the earth goes around the Sun?" Hobbs answers, "Yes, they can do that too. This was nailed a couple of hundred years ago; but if you still need proof, we've got it.

Hobbs has no such proof, of course. He can only measure relative speeds, not absolute speeds such as are measured relative to the most massive thing created, namely, the firmament which has a mass some 10^{123} times more massive than the universe. It is the firmament that forces all physical matter in the universe to accompany the sun in its yearly orbit about the earth as well as keeping the earth fixed at the center of gravity of the firmament. No proof is possible by Hobbs' equipment.

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 Credo, please consider becoming a member. Membership dues are \$35 per year.

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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The Fixed Idea of Astronomical Theory, August Tischner. Reprint of the 1883 first edition of the book that exerted by far the most influence on geocentrist writers in the first quarter of the 20th century, and is the source of anti-Copernican testimonies of 19th century scientist. \$10

Thou Shalt Keep Them, ed. by Kent Brandenburg. A collection of papers powerfully defending the KJV translation of challenged readings, such as Psalm 12:6,7. Includes papers by Dr. Strouse. \$20

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(Product list continued on the inside front cover.)