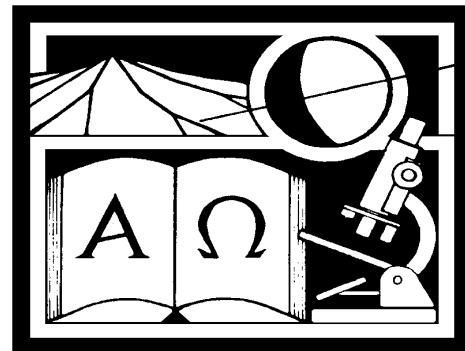


# Origins Insights

A MONTHLY PUBLICATION OF THE  
CREATION SCIENCE FELLOWSHIP



TM

October 2000

## Creationism Taught in Russia, Part Two

By Bob Harsh

I hope you enjoyed learning about my life changing mission trip to Russia in the September *Origins Insights*. This type of report is not the usual fare in our newsletter, but I know many of our readers were praying for me and for the people at Perm and I wanted to relay this information so that God can be properly thanked. Next month, we will return with our usual science related information. Now back to my story.

### GETTING AROUND IN PERM

Let's talk transportation. When I agreed to do three talks a day, I guess I pictured traveling perhaps ten minutes in an air-conditioned car to an air-conditioned auditorium. What was I thinking? My days would start with putting on about ten pounds of backpack [transformer, Bible, and water] and grabbing my suitcase that held the overhead projector, my one spare bulb, and the day's transparencies and notes. I then said good-by to Valery and Luda and walked to the tram stop. I would be able to catch any tram going towards the center of the city and would ride it to the second stop, at a cost of two rubles. After getting off the tram, I would walk to the bus stop and meet Masha, my interpreter. We would then have to wait for just the right

bus. Most of Perm's city busses were very old and many times very crowded. None had air conditioning so I was always very happy when we got a seat directly under the one vent in the top of the bus because I could have the luxury of a little breeze once we got rolling. After a 40-minute ride, during which Masha and I would go over the day's lecture together, we would arrive in Zakamsk. I would put on my backpack and off we would go. After about a ½ mile hike we would arrive at the lecture hall. Every morning the same familiar faces, who I affectionately named, my "gang from Zakamsk" would meet us. We would

greet each other and enter the building and more people would be patiently waiting for the 9:30 lecture. Most noticeable to me were an elderly lady and two young boys. I could always count on that greeting and they helped lift my spirits each morning. After each lecture I would answer questions, then say good-by. They would proceed to gather around to ask more questions. Finally we would have to call the questions to a close, which they always honored. A group of usually eight would then move out into the street to discuss some more. They could always be found standing in a little circle discussing with each

### MEETING INFORMATION

**HOST:** Robert Walsh  
**TOPIC:** Mankind Evidence for being Made In God's Image

Mankind Evidence for being Made In God's Image One of the most misunderstood teachings of the Bible is the doctrine of man being created in the image of God (Imago Dei). In this exciting presentation, Mr. Robert Walsh will address the problems that are often encountered when discussing man being created in the image of God and will provide the Biblical response.

\*\*\* CONTINUED ON PAGE 8 \*\*\*

**DATE:** Tuesday, October 17, 2000  
**TIME:** 7:30 PM  
**PLACE:** Mars Alliance Church, 997 Route 228, Mars, PA, 16046.  
Church Phone: (724)776-9400

(Continued from page 1)

other as Masha and I would walk back to the bus stop.

We would travel in the hot bus back home where Luda would provide us with lunch. About 1:00 P.M. Masha and I would then hike about a mile, right through the campus of Perm State University, to the train station where Masha would purchase two tickets to Molodezhnaya. The next task was to find the right train. After a very hot 50-minute train ride we would arrive at the Molodezhnaya station and walk out to the bus stop. Let me describe the scene outside the train station. Below the steps leading from the station there was an open area whose perimeter was lined with poor people selling various goods. Poor elderly women were selling baked goods and black sunflower seeds to nibble on. They also sold all varieties of produce from their gardens. Raspberries were my favorite. These poor people were either sitting on crates or standing in the hot sun. And then there was the older man, not exactly sober, who was playing his accordion and singing very loudly, hoping for a few rubles. I was interested to learn, from an article in the September 30 *Pittsburgh Post Gazette*, that Russians have a forced retirement age of 60 and that a government pension of only \$22.00 per month is all many older people have to live from!

When the right bus would come along we would ride [actually usually stand] to within about two blocks of the lecture hall. I would pay the woman in charge of the cultural palace the 600-ruble rental fee and present the lecture and answer questions. We then faced the dreaded hot 60-minute ordeal to get back to Valery's house in time to rest a little while and then head for the evening lecture. Several days we rented a cab [anybody who owned a car and was willing to drive people to their destinations]. What a nice luxury: 20 minutes and the *thrill* of

riding in the backseat of a racecar! Russian drivers and Russian roads are just the right combination for a very exciting experience!

Around 6:45 P.M. I would don my heavy backpack and grab my suitcase, which became known, as my "Titanic" suitcase because of its old fashioned style. We would hike to the tram stop and had to wait for just the right tram and take it to within about 1/3 mile from the lecture hall on the third floor of the Engineering College. After about one hour of lectures and one hour of questions and answers, we would move outside the building for 15-20 minutes of more questions. I would say good-bye to my interpreter, Masha. Valery and I would head back to his home and **supper at 10:30 at night**. People, in that part of Russia, are real night owls because sunset was at 11:00 P.M.

### **GREAT INTERPRETER!**

I am anxious to tell you about working with an interpreter. Before my trip I could only imagine how an interpreter did their job. I liked Masha from the very first. She is a very personable Christian young woman from Perm. The more I worked with her and caught on to all that she had to do well, the more respect I gained for her skills and for her spirit for doing a professional job. She speaks very good English and has a good speaking voice. She was very well trained in linguistics but biological terminology was more of a challenge for her. Every night she would go over the next day's lecture and any science she did not understand or know the proper words would be noted. Her sister, Anya, who is a professor in the medical school at Perm State University, would then help her until she was well prepared.

Masha always did a great job with the lectures. However, what impressed me most was her skill, with presenting material that I had not written down. As I would be giving the lecture, I would think of a

good impromptu illustration that would fit in very well, but often involved more biological concepts and terminology and Masha would real mentally scramble to think of the right words. I was also very pleased with the way she handled the questions and answers periods. That is when she really shined. Many times, a person from the audience would ask, a rather lengthy question accompanied with much personal commentary. She would remember all that was said and finally translate it into English. I would give my answer and she would translate it to Russian and be ready for the next question. Often the questioner would ask their lengthy questions in a very animated way and with their volume turned up. When this would happen, my mind would start to worry that this was the question that would stump me. Or, I would think that they had been highly offended by what I had said. It would usually turn out to be an excellent question and the questioner was simply intense in their manner of asking. My mind could take little breaks while Russian was being spoken, but her mind could never rest. Needless to say, she got very tired. Sometimes her sister, Anya, would serve as my interpreter during the extra questions after the "official" dismissal. Many people, who were very interested in getting their questions answered, would surround us both. We also had the company of many interested bystanders. Anya's humble and willing spirit made a very favorable impression on me. When I later met Masha and Anya's mother, Natasha, I could better understand the gracious attitude of her daughters.

On other occasions, Yana from Zakamsk, and Yana from Molodezhnaya, and Seren from St. Petersburg, served as very good interpreters for me. Now that I am thinking of it, I think I probably took them for granted. They stepped

(Continued on page 3)

(Continued from page 2)

in, on the spot, to help me anytime I needed someone to interpret.

## BACK TO THE LECTURES

**Tuesday, July 18-** Masha and I made our way to the Zakamsk lecture hall and were greeted by the soon to be familiar faces. Again, there was a mixture of age groups in the audience of about 40 people. This was the first time to try out Valery's large "Russian made" transformer. I plugged my projector into the transformer, held my breath, prayed hard, partially for forgiveness for my measure of unbelief, and eased the switch on.....**and it worked!** In fact I did not blow another bulb and even came home with one spare. Part two of "Neo-Darwinism Is Logically Impossible" involved some simple audience participation. At Zakamsk, the lecture went as planned, with the young people especially getting involved in the simulation of how evolution is supposed to work. It was a simple demonstration in which any age group could see first hand why neo-Darwinian evolution is impossible, bio-chemically. In the 19<sup>th</sup> Century and early 20<sup>th</sup> Century, **it took less faith** to believe in evolution. With today's knowledge of the chemistry of life, it is fairly simple to demonstrate that neo-Darwinism is logically impossible. Today, **for knowledgeable people, it requires more faith** to believe in Darwinian evolution. It was my **aim** to help people to **become more knowledgeable**.

At Molodezhnaya, we had about 15 people again. A couple of people vocalized their disapproval of my simple demonstration and when I ask for the volunteers for the demonstration, none were forthcoming. So, Masha and I did a shortened demonstration. The longer I am involved with fighting against evolution the more I have realized that **details are the worst enemy of evolution**. Evolutionists get away with **"just so" stories** and **neces-**

**sary inference**. The number of people in our afternoon sessions leveled out at around eight people so the sad decision was made to cancel the second week's lectures at Molodezhnaya. The people were noticeably disappointed but were very understanding.

Tuesday evening was greeted with a good deal of anxiousness on my part. I decided to leave my projector home and go in faith that the promised Russian projector would be brought. The morning had been a big success. I prepared a program that met the needs of the audience. On the other hand, the afternoon had not gone so well. Would the Russian projector be there? About 75 people attended Tuesday night and to my relief, the man who had promised to bring the overhead projector came through. The man was a professor at the medical school at Perm State University and it was the University's projector. He was faithful bringing it each evening.

**Wednesday, July 19-** Masha and I made our way to the lecture hall at the College of Engineering for the evening lecture. I was interested in what was in store for us. Little did I know what awaited us at the top of the steps just outside of our third floor lecture hall. As Masha and I reached the third floor, we were greeted by a reporter and TV camera-person from Perm's television station. The reporter was very cordial and made me feel at ease. She interviewed me for about ten minutes so we were a little late for Wednesday night's lecture. To my pleasant surprise, the next morning the morning news program included about two minutes of our interview. Free advertising!

I was pleased that the crowds at the evening sessions continued to grow. Our largest number was 115. The evening people, like the morning, afternoon people were interested in what I had to teach, and many people took notes. The largest

number of people seemed to be University professors, medical students, medical doctors and biology teachers. They asked many very challenging questions and the Q&A usually lasted about as long as the lecture.

On Wednesday and Thursday I presented, "Will A Case Of Irreducible Complexity Prove To Be Fatal?" The topic for the second Monday and Tuesday was; "Design Demands a Designer". Wednesday I presented evidence that the Bible had a supernatural origin in the lecture; "The Bible No Ordinary Book." The final lesson was "Dinosaurs and the Bible".

## THE PEOPLE

I would like to finish this report with the thought I had one night. "I cannot think of a time in my life when I have been more appreciated by so many people". Many people became good friends in that short period of time. I had an opportunity to preach at the church of Christ that meets on Sunday mornings in downtown Perm and on Sunday evenings at the house churches at Molodezhnaya and Zakamsk. I feel like my lessons and just my being there were a big encouragement to the three churches in the Perm region.

As Masha and I were leaving the Zakamsk hall on Tuesday the 25<sup>th</sup>, a lady came frantically running up to us, of course speaking a language I did not understand. My first thought was that she was asking for help in some sort of emergency. It turned out she wanted to set up a personal study for her daughter. "Oh for such an anxious attitude to try to find out the truth!" A personal study was set up for 4:00 at Valery's house. Sadly at 4:00, there was no sign of her. I learned the next day that they had come but could not find Valery's house.

Then there was Olga and her friend Eliana, who came to a per-

(Continued on page 4)

*(Continued from page 3)*

sonal study, with all kinds of questions. Many were beyond my ability to answer and I would not have rated my help very highly, but she could not thank me enough. Perhaps I was just someone who was willing to listen to her.

Little acts of appreciation made me fly. Most lecture sessions ended with applause from the audience. One evening an older lady, who had a really contagious smile, came up after the lectures and presented me with two Perm pins. On one was the traditional symbol of Perm with a Bible above a bear. The other was similar, but the Bible was replaced with just a book. It came from the Soviet era. Very few Russians, that I met, wanted anything to do with Stalin or the Soviet era.

One of my favorite stories is of the man from Zakamsk who left with the other people at the end of the Q&A but came hurrying back to catch me before I left. He just wanted to thank me and tell me how much he enjoyed my talks. He especially approved of my answers during the Q&A. "Your answers are from real science instead of news stand popular science." He, along with several others, said that my lectures had strengthened his faith. A fellow Biology teacher came up and told me that her faith had been strengthened. She was so thankful for my coming to Perm that I was embarrassed.

They were not the only believers in the audience. My lecture on Irreducible Complexity used the blood-clotting cascade as its focal point. In blood clotting there are at least 14 enzymes that are known as clotting factors and are absolutely necessary for blood to clot. It is an all or nothing mechanism. Without the whole series of enzymes, blood does not clot. This produces an impossible situation for gradual evolution from no clotting to clotting. A lady who looked to be about 60

came to me after the official Q&A. She was a medical doctor who had done research on blood for over 30 years. After expressing her thankfulness for my lectures she said that she had been doing research on only one of the factors, thrombin, several years ago and had drawn her own conclusion that thrombin and blood clotting could not have come about by chance mistakes in the genetic code.

My most important contact in Perm probably was Alexandr Popov. He was the professor from Perm State University who brought the overhead projector that I was so relieved to have each evening. He and his boss, the woman companion, attended all of the evening sessions. They would listen intently but never ask any questions. They always looked very friendly and I had figured out that they were a couple of evangelical Christians who just happened to work for the University. When thanking them for bringing the projector after one of the early lectures, I asked for their names and addresses so that I could write to them. He put me off, saying that he would give me that information after the last lecture. The woman did not show up for the last two lectures which had Biblical rather than scientific themes, and the man was noticeably less interested. I chalked it up to a long day or the heat of the lecture hall.

After the last lecture, I succeeded in getting his name and address. He then gave me a gift of a moonstone from the Ural Mountains. Then came the shocker. He said, "**You did not convince me.**" He then presented me with another gift. It was a technical book on evolution that he had written just this year! All of this was done in a very courteous and humble way. I believe we parted with mutual respect. I pray that we may be able to correspond with each other.

Many people, including the

manager of the building that housed the downtown lecture hall asked me to come back next year. I had put a tremendous amount of work into developing my lessons. Sometimes great effort is able to produce the desired results and sometimes, despite heroic efforts we do not detect any results. I had prayed for the people of Perm to be prepared. I had prayed that people would actually attend the lectures. I had prayed that God would use me as a good ambassador for Him. To my delight, I had the privilege of teaching God-prepared audiences. I did not pray that I would have all of the early projector problems. Have you remembered to remind you of God's providence? Well, one of my prayers each day was that God would help me to have patience with people and to give me the strength to endure the heat with a good attitude. One overhead projector bulb after another would blow out, and right at the inopportune times of my being in front of an audience I did not know. To my pleasant surprise, I had a lot of patience! I felt very well prepared at those times and was able to continue on and deliver successful lectures, without my overheads. **I know I had God's help and I think that God may have been responsible for the stress of blown bulbs.** The people were able to see the attitude of a Christian under stress, and I think they appreciated the way I handled the problems. It provided me an opportunity to use the services of Alexandr Popov, the Perm State University medical school professor who brought the overhead projector each evening. I am satisfied that sometimes God works in mysterious ways!

I had many opportunities to speak a good word for Jesus. I had a personal study with Alexi. He flat out told me, without my asking, that he was just walking along the street in front of the Engineering College

*(Continued on page 5)*

(Continued from page 4)

and he had **an irresistible urge** to walk over to the Engineering College building where he read the advertisement for my lectures. That was his testimony and I believe God has a plan for Alexi.

One of my favorite experiences was the opportunity to worship with my brothers and sisters in Christ in Russia. It occurred to me that in heaven we will have no language barriers. Since returning home I have been even more impressed that God is presented with the prayers of people from all over the world. Speaking in our various languages and He can understand us all! It pleases me when I am given new opportunities to see with new insight how awesome our God is!

As you can see, I was richly rewarded in many ways. I plan to return next year if the Lord wills. Please keep me in your prayers.

---

---

**ATTENTION ALL  
NEWSLETTER RECIPIENTS:**

**WE NEED YOUR HELP!!!!!!!!!!!!!!** We need to hear from you if your subscription to the newsletter has expired. The date on the top line of your label is your expiration. Can you please call, write, or email us and let us know that you still want to receive our newsletter, **ORIGINS INSIGHTS**. We will extend your subscription for one year as soon as we hear from you. As long as you are interested in **ORIGINS INSIGHTS** you are welcome to receive a continuing subscription at no charge.

However, our publishing and mailing costs run about \$300 a month. So, if you can help by joining as a member and sending us the \$15.00 annual membership fee it would certainly be appreciated. In addition, members get to vote, submit articles for **ORIGINS INSIGHTS**, and get a 10% discount on all CSF bookstore purchases. How-

ever, if you can't afford to send us anything, that's okay. We just need to hear from you so we know that you still want the newsletter delivered.

Thank for your cooperation  
Dennis E. Wert, Chairman

---

---

**Creation Science Fellowship  
Monthly Meeting Tape List  
CSF  
PO BOX 99303  
Pittsburgh, PA 15233  
(412)341-4908  
EMAIL: [csf@trfn.clpgh.org](mailto:csf@trfn.clpgh.org)**

**Attention: Tape Orders**

For those who are unable to attend our monthly meetings. In response to requests, we are making available tapes and study notes from the following meetings for 1999 and 2000. The tapes are up to 90 minutes long and most include the very extensive set of overheads and notes used by the speakers for these presentations.

Prices are: \$5.00 for tape and notes + \$5.00 Shipping for 1 to 4 tapes and then add \$1.00 for each additional tape shipping. Order by title given below by check, Visa, Mastercard or you may purchase with cash at the meeting.

**Jan 99: "Developing the creation model for yourself" by Robert Walsh.** A how-to-guide on doing Biblical creation studies at home and studying the Bible in general. Excellent resource and guide.

**Feb 99: "The age of the earth. What does the Bible say?" by Robert Walsh and Don Schell.** An in depth scripture study of two of the most popular compromise explanations for genesis account of origins given in the church. Learn about the day/

age and gap theories.

**Mar 99: "Rocks around the clock" - Chuck Danley.** What does the Bible say about the original created geology of the world and do any of those features remain on the earth today?

**May 99: "The pre-flood world" - Robert Walsh and Henry Jackson.** A close look at the Biblical descriptions of the pre-fall and pre-flood world in the areas of climate, geology, anthropology, and religion. A discussion of the zodiac and its relationship to the Bible is included in this lively presentation.

**Jun 99: "Noah's Ark - Robert Walsh and Jeff Lawther.** This presentation developed the Biblical framework regarding the Ark and Flood, examining the sequence and duration of Noah's Flood. The Biblical texts that discuss the sources of the Flood waters were examined along with the data provided for the Ark itself. Jeff and Bob examined some of the frequent questions that often arise when discussing Noah's Ark. These questions include (1) Was the Ark large enough to repopulate the world with all of the know extinct and extant creatures?; (2) How could fresh and salt water fish exist in the same ocean?; (3) Was Noah's Flood local or global in extent?; (4) If the Ark existed, could it be sea worthy? (5) How could Noah feed and care for all of the required animals while on the Ark?; and more...

**Aug 99: "The Dead Speak" - Dennis E. Wert.** This talk examined the effect of the flood on living things. In particular, what was the impact of the world wide flood of Noah on Continued on page 6

(Continued from page 5)

creatures on the earth at the time of that flood. We looked at the questions of evidences for the flood in the fossil record and effect of the flood on the survival of the animals taken on the ark and those that were not taken. This lively talk had a number of good questions and answers at the end.

**SEP 99: "Should Creationism be Taught in Public Schools?"** This presentation is done by Robert Walsh at a local secular political "think tank" meeting. It defines and examines the issues involved and clears of the confusion that clouds this topic. It attacks the assumption that evolution is science and creation is religion and clearly differentiates what science can say about how the universe operates versus what they "believe" about how the universe came to be.

**NOV 99: "Creation: What's All the Fuss"** is the topic of **Bob Walsh's** talk at this monthly meeting. His emphasis is on the effect of "compromise" efforts by the Church have had on its effectiveness and doctrine. He clearly shows how the doctrine of creation affects all aspects of Christian Doctrine and Practice. The destructive effect on the Christian view of marriage and the family is also discussed. The very basis of our political founding documents rest on the fact of the creation of man by God.

**JAN 2000: "Philosophical and Logical Evidences for Creation" by Dr. Stephen Rodabaugh.** This talk investigates the basis and consequences of a persons worldview" or guiding philosophy on not only what they think but how they act. Dr. Rodabaugh

points out the moral bankruptcy of the evolutionary philosophy and the superiority of life from a creationist perspective..

**APR 2000: "Living Things As Evidence for Creation".** This presentation was done by Dennis Wert and seeks to compare and contrast the views of life - including mankind - as seen from an evolutionary and creationist perspective. The more explanatory and scientifically valid theory of why living things look the same as well as different is shown to be creationism. Its logical and satisfying elements better describe not only what we see but how living things came to be as they appear today. This is short and BASIC introductory talk suitable for 6th grade and up.

**MAY 2000: "Geologic Evidences for Creation and the Flood" by Chuck Danley.** Chuck gives an overview of the geologic evidences for the creation of the earth and the worldwide flood of Noah. In this talk he compares and contrasts the evidences as described by evolutionary geology with the better explanation of a fiat creation and the sedimentary effects of a global flood. A must hear talk on basic creationist geology.

**JUN 2000: "Evidences for a Young Earth" presented by Jeff Lawther.** Jeff first examines the issue of, Does a young earth position matter to the origin's debate and the church. His reasons will clearly demonstrate the necessity of affirming the Biblical young earth model. Then Jeff moves on to cite the physical evidences for a young age for the earth and the universe: decay of the earth's magnetic field, decay of comets, seafloor sediments, out of sequence fossils, polystrate fossils,

helium in the atmosphere, abrupt appearance of history and society, radio halos of Polonium 210, population of the earth, and the recession of the moon. This is another excellent overview, introductory talk on the basics of these evidence for a recent creation.

**JUL 2000: "Chinese Pictographs and Creation."** Reid Moon presents evidence of the antiquity and shared nature of the Genesis account of creation, the flood and Tower of Babel as found in the pictographs of the Chinese language. His presentation looked at the language and the elements of various words that demonstrate not only the monotheistic history of China but also attest to a knowledge of the events recorded in the first 11 chapters of the book of Genesis. You will be fascinated of truths that make up words like: man, to create, garden, and boat.

**AUG 2000: "Fossil Evidence for the Flood" by Bob Ivey.** Bob presents some basic information on what fossils are and what the term "fossil record" means to geologists. He examines how information formerly cited as supporting evolution better supports the catastrophic flood model found in the book of Genesis. He discusses fossils positions and succession as well as why the lack of human fossil evidence in the rocks. He discusses how even some modern evolutionary geologists suggest catastrophic event(s) for the formation of these large fossil re-

## MEETING TOPIC FOR:

**November 21: Evidence for the Design of the Physical Man—Robert Harsh**

(Continued from page 6)

## **Diving Whales, Dolphins and Seals: Science vs. Fables.**

by Dennis Wert

Often in discussing the issue of origins, the point is made that the evolutionary explanations offered for the description of how life came about are the scientific ones and anything else are fables or religion. I have been brought to see some important distinctions, in my path from theistic evolutionist to creationist, and one of those has been through the means of the papers of ICC presenters like Jerry Bergman and Mark Wisniewski. The distinction is obvious once you think about it, but so often missed for its simplicity. Western Science has made its progress through the scientific method: hypothesis, experimentation, verification / refutation, falsification and then modification or abandonment of various scientific theories as they have been tested in the various empirical scientific disciplines. But what separates the origin debate from these other disciplines is fact that it is NOT empirical science but HISTORICAL or FORENSIC science and thus its explanations are the most tentative of all types of science derived explanations. It is that way because by its very nature, it is not a repeatable, testable, set of explanations and can not be controlled for observer or methodological bias. Once this simple fact is recognized, the intimidation of those Ph.D., D.D. Th.D., LL.D. who say, that this is HOW it was as PROVED by science, becomes mute. In these Historical Sciences, one has data which has been extracted or analyzed by certain scientific tools but not corrected by the scientific method in the same sense of other empirical sciences. In an article recently published by Dr. Kurt Wise from Bryant College in Tennessee, he chides creationists for criticizing evolution on its non-scientific basis, especially, the disciplines of anthropology, paleontology, evolutionary biology, etc. Well I am here to say that he is just wrong! All of these disciplines are HISTORICAL and not empirical at their root. They have empirical testing methods in some areas but the conclusions all suffer from the same fatal flaw as ALL other forensic methods. Conclusions

are based on uncontrolled methods derived from a priori assumptions. Therefore, these conclusions are the most tentative of all scientific explanations. But you won't hear them say that, because it hurts to be lumped with "Murder She Wrote Stories" and "OJ Scenarios".

Right now you may be wondering, what does this have to do with the diving of whales, dolphins and seals? It is relevant because the results of the scientific testing on the hypothesis associated with this basic behavior of these animals points out the differences of between empirical marine biology and the "who done its" of the evolutionary marine biology. In the lead article of, "The Scientist: News Journal for the Life Scientist", Vol. 14, Number 14, July 10, 2000; titled, "Sink or Swim...or Glide" a description is given of the results of recent research in the "how" of the mechanism of diving of whales, dolphins and seals. To summarize: these animals can descend to hundreds of meters and, despite limited oxygen, can stay submerged for 30 minutes or more. How they achieve these feats has been the subject of debate, research and hypothesis for at least 70 years. The researchers, quoted in this report, state that their most recent findings are based on the placing cameras and detectors on the animals themselves and observing and monitoring biological indicators and that the results of these experiments revealed a startling finding. The animals do not swim or sink to these great depths but glide. According to the article, "a finding that will rewrite the books on marine animals". These animals even shut down their loco motor systems at depth. These findings are, "wiping out previously held notions and raising a host of new questions." The previously held theory had these marine mammals swimming at a constant energy conserving speed during diving. The idea that, "these mammals somehow glided with virtually no movement, just wasn't intuitive in terms of swimming animals." Then a comment is made that is quite revealing, if applied to origins explanations: "In hindsight, of course, it makes sense. Its almost as if the physics, demands that kind of a response." In true science much seems so obvious after the experimental data is revealed. How many times have you heard evolutionists say this about evolutionary theory; "that it has been refuted in some segment," never. How often

have you heard evolutionary theorists say: "but the science demands this particular explanation," often.

The foregoing examples further demonstrate that evolutionary science is not empirical at its core, but is historical and based on set of assumptions. By the way, the description of the mammals diving behavior is quite fascinating. They can simply glide through water to depths of 150 meters and never take a stroke. What allows them to do this? The answer, buoyancy changes that result from lung compression at depth. Increasing pressure as they descend causes the lungs to shrink in volume and at some point completely collapse. This compression reduces the animal's overall volume without altering its mass, therefore, buoyancy decreases while density increases; allowing them to descend fairly rapidly with virtually no movement. In another interesting quote from this report: - which relates the importance of continuous, in vivo, monitoring of these animals - "Understanding what's going on 95% of the time that we don't see the animals will have, in the long run, implications in terms of what these animals need in order to make it, survive in the marine environment." Evolutionary marine biologists suggest the "story:" that certain ancient land mammals just wandered back into the water and eventually re-adapted to the marine environment. I suggest, that these historical scientists don't even know what was happening from the basis of true empirical science and certainly on a less than 1% basis. So now empirical marine biologists have refuted and discarded another outdated explanation for marine mammal behavior due to the process of the scientific method. Don't expect the same from the "who done it", story telling, "round the campfire", fable spinning evolutionists. What you will receive instead is a regular outpouring of these stories labeled, "science proves evolution."

### **Email Preferences**

We are seeking input on ways of disseminating this newsletter. If you would like to receive this newsletter via email, let us know at [csf@trfn.clpgh.org](mailto:csf@trfn.clpgh.org)/csf. Please let us know what format you would like to receive this document—Word Perfect, MS Word, RTF, etc... Thank you!

**CREATION SCIENCE FELLOWSHIP, INC.**

P.O. Box 99303  
Pittsburgh PA USA 15233-4303  
Phone: (412) 341-4908

Non-Profit Org.  
U.S. Postage  
PAID  
Pittsburgh, PA  
Permit No. 2548

Address Service Requested

**MEETING INFORMATION CONTINUED** (from page one)

He will first examine in detail, the identity and nature of the Ancient of Days as the Logos/Memra of God and examine the role and manifestation of the Logos. Next Bob will discuss how man is created after the likeness of God's Own Image, the Logos/Memra. Furthermore, to compliment man's creation he will discuss the notion that as man is created after the likeness of God's Own Image, the animal kingdom (at least the land vertebrates) are created after the likeness of the Angels. This explains why Angels are often described as appearing with animal-like features (e.g., Satan being reptilian). The Ancient of Days provides the template for man's creation while the Angels provide the template for the animal kingdom. Finally, Bob will discuss the distinctions that exist between animal and man and show that these distinctions exist as a direct result of the nature of their respective templates. Fascinating stuff, you won't want to miss this one!!!

**Creation Science Fellowship, Inc.**  
newsletter is published monthly.

**Purpose:** The aim of Creation Science Fellowship is to inform and educate people of the biblical, philosophical, and scientific validity of creationism.

**Circulation:** 500

**Officers**

Dennis E. Wert . . . Chmn, Corres. Sec.  
Robert Harsh Vice Chmn, Newsltr. Ed.  
Jeff Lawther . . . . . Book Coordinator  
Reid Moon . . . . . Treasurer  
Robert Ivey . . . . . Web Site Manager

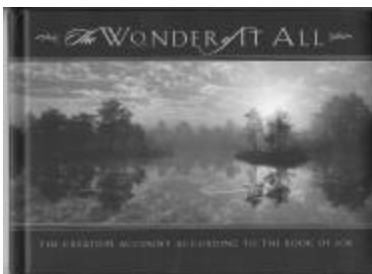
**Ex-officio:**

Robert Walsh . . . ICC Proceedings Ed.

**Email Address:** [csf@trfn.clpgh.org](mailto:csf@trfn.clpgh.org)  
**CSF Page:** <http://trfn.clpgh.org/csf>

**Editors Address:** Robert Harsh  
439 Little Creek Road, Harmony,  
Pennsylvania, USA 16037  
Email: [naturbob@juno.com](mailto:naturbob@juno.com)

Don't Forget! Two new books have been added to the CSF Bookstore! Come check them out for yourselves.



**MAKES A GREAT GIFT**  
**SOLD AS A SET: \$20**  
**Sold Separately:**  
**\$14.99                      \$8.99**

