



Welcome and WOW!-what a interesting bit on a new crash reality check for radioactive dating, plus Giant beetles and much more besides. Enjoy and be encouraged from John Mackay and the team world wide at Creation Research

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NEW DVD AVAILABLE - WHO IS THE CREATOR - Allah or Christ?

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NEW DVD AVAILABLE "God's Signature in Creation - Allah or Christ?" – In a world where Islam is aggressively proclaiming Allah is the Creator, you need to see the Scientific and Biblical evidence as we take a stunning look with John Mackay at the Nature of the Creator God seen in His creation. Is it the Unity of Allah who is God alone and has no son, or is the real Creator a Trinity of Father, Son and Spirit whose trifold nature is seen in the physical world around us? This fully illustrated Bible and Science message from John Mackay is a tremendous help and blessing in these days of intense Islamic claims that the Koran is better than the Bible. ORDER FROM www.creationresearch.net click PRODUCTS then NEW PRODUCT.

1. NEW ZEALAND DEBATE COMING NOVEMBER 15th. Don't miss Professor Paul Rainey - Auckland University Ecology and Evolution Group VS John Mackay Creation Research in Auckland. Details email bp@extra.co.nz or chbecker@ihug.co.nz

2. "HALF-LIFE HERESY" is the heading of an article in New Scientist, 21 Oct 2006, p36. The article refers to studies on the rates of radioactive decay by Prof Claus Rolfs of Ruhr University written up on PhysicsWeb 31 July 2006. The rate of decay of radioactive elements has always been assumed to occur at a steady fixed rate in any particular element, but Rolfs, who studies nuclear reactions in stars, has experimental evidence that show radioactive decay can be made to happen more rapidly depending on the environment of the elements. He commented to New Scientist: "When I was studying physics, my teachers said nuclear properties are independent of the environment - you can put nuclei in the oven or the freezer, or any chemical environment, and the nuclear properties will stay the same. That is not true any more." His experiments are described in the PhysicsWeb article as follows: "Using the university's particle accelerator he fired protons and neutrons (nuclei containing a proton and a neutron) at various light nuclei. He noticed that the rate of fusion reactions was significantly greater when the nuclei were encased in metals than when they were inserted into insulators. He also observed that the effect is enhanced at lower temperatures (J. Phys. G: Nucl. Part. Phys. 32 489)." If the experimental results are confirmed, Rolfs believes they can be used to develop methods for disposing of radioactive waste by speeding up the decay rate, so that hazardous material that remains radioactive for thousands of years can be rendered harmless in decades. In the conclusion to their original research article Rolfs' team wrote: "Finally, a reduced half life of alpha emitters such as ^{238}U and ^{232}Th in a metallic environment may have important corrections in their use as cosmo-chronometers (i.e. the age of the elements) as well as in understanding the flux of geo-neutrinos using the Kamland

detector (i.e. the energy source of the earth)." This is explained in the New Scientist article as: "If Rolfs is right, it could have profound implications not just for nuclear waste management, but also for understanding the Earth's interior and measuring the age of the universe."

PhysicsWeb article: <http://physicsweb.org/articles/news/10/7/13/1>

Research article by Rolfs' team:

High-Z electron screening: the cases $50V(p,n)50Cr$ and $176Lu(p,n)176Hf$, K U Kettner et al 2006 J. Phys. G: Nucl. Part. Phys. 32 489-495 doi:10.1088/0954-3899/32/4/007, Print publication: Issue 4 (April 2006)

ED. COM. This is not the first time New Scientist has referred to new findings in physics as "heresy". In 24 July 1999, p29 they began an article on the changing speed of light with "call it heresy, but all the big cosmological problems will simply melt away, if you break one rule, says Professor John D Barrow - the rule that says the speed of light never varies." The reason for such strong language about Rolfs' research and the speed of light is that changes in both of these affect the estimated age of the universe and the earth. The rate of radioactive decay would be faster if the speed of light was faster, and this new research indicates that simple changes such as temperature to the physical and chemical environment can also increase the rate of radioactive decay. Faster radioactive decay would decrease the age of universe, the earth and fossils, and there is nothing like suggesting the earth is not billions of years old to provoke scorn, derision and accusations of "heresy" from the scientific community. The motivation is simply that evolutionary development is believed to take so long to achieve so little, you need mega time to make micro advances in Universe construction, SO any challenge to vast ages is a threat to the evolutionary establishment. But let's face it, when you have somebody intelligent in charge the job gets done a whole lot faster - like six days to make a working universe. (Ref. constants, atoms, nuclear)

3. GIANT BUGS NEED MORE OXYGEN, according to a report from the American Physiological Society, 11 October 2006. The largest living beetle is a long horned beetle with the impressive scientific name of "Titanus giganteus" . It can grow to be 15-17 cm long. However, the fossil record contains much larger insects. Scientists have suggested the reason for this is that the atmosphere could have contained up to 35% oxygen in the past compared with the present oxygen content of about 21%. To see whether oxygen availability is an insect growth limiting factor, a team of researchers led by Alexander Kaiser of Midwestern University, Arizona studied the size of breathing tubes in beetles in different sized beetles in comparison to their overall body size. Insects take in oxygen through holes named spiracles, which are connected to a system of tubes named trachea. As insects grow larger they need longer, wider trachea to provide enough oxygen for their bodies and legs. They found in the largest beetles studied the trachea were 20% larger in proportion to their size, compared with the smallest. This is because the tubes have to be not just longer but wider, to deliver enough oxygen. However, there is a limit to how big the opening can be in the connection between leg and body. The researchers concluded that in the present atmosphere, beetles could not grow much larger than 15 cm if they depended on the spiracle system to supply oxygen. However, they could grow larger if there was more oxygen in the atmosphere as they would not need larger spiracles in proportion to their body size. American Physiological Society article: <http://www.the-aps.org/press/conference/vabeach/11.htm>

ED. COM. This study, along with the fossil record of Giant Dragon flies, Spiders, Cockroaches etc, reminds us the world was once a much better place to live. More oxygen is good for many kinds of living things, and we know from the fossil record, insects weren't the only creatures that grew larger in the past. The giant insects flew among giant plants and giant animals. This fits with Genesis, which describes a world of created perfection, where everything was "very good" that degenerated because of human sin and God's judgement. (Ref. air, giants, arthropods)

4. GREAT NEW CREATION MP3 AVAILABLE to download click

http://www.creationresearch.net/media/Mackay_Northsound2_061008.mp3

5. COOL PERSPECTIVE ON CLIMATE CHANGE: as National Geographic article "What's Happening to Our Climate?"(1) quoted the U.S.A. NATIONAL SCIENCE BOARD saying; "During the last 20 to 30 years, world temperature has fallen, irregularly at first but more sharply over the

last decade"(2) Also quoting the USA NATIONAL ACADEMY OF SCIENCES, "The climates of the earth have always been changing, and they will doubtless do so in the future. How large these future changes will be, and where and how rapidly they will occur, we do not know"(3)

ED. COM. A different perspective eh? Actually its what was being said 30 years ago in 1976 by the experts. Thought you'd find it useful to keep things in perspective, just to keep you from thinking Gobal warming is a fact and that present day farmers, flatulent cows and fast cars are responsible, when this climate change has been going on since the end of Noah's flood. (ref (1)Vol. 150, No. 5 Nov 1976 pgs 576-615. (2) 1974. (3)1975)

6. CATCHING CLOUDS IN THE CANARY ISLANDS described in an article in New Scientist 5 Aug 2006, p37. Over the last century the island of Lanzarote in the Canary Islands has become barren, its agriculture has gone into decline, and several attempts at replanting trees have failed. The island receives hardly any rain, but the winds from the west regularly bring in fog from the sea. Trees can capture vast amounts of water from fogs, as is seen the "cloud forests" that grow in the sides of mountains where fog regularly rolls in from the sea. However, the land on Lanzarote Island is too hot for the fog to settle down to the ground. It usually hovers about a metre (3 ft) above the ground and small saplings planted on the island died before they grew tall enough to capture water from the fogs. British forestry scientist David Riebold is attempting to restore the forests on the island by building devices that harvest water from the fogs to water young trees until they grow tall enough to capture water themselves. He has built simple devices consisting of metre square metal frames holding a coarse plastic mesh. Water from the fogs condenses on the mesh and runs down into plastic bottles. He hopes to develop a larger scale version that will feed water into an irrigation system. The results have been encouraging with each square metre of mesh being able to collect between two and five litres of water a day. One litre a day is enough to water the saplings.

ED. COM. Genesis tells us that the world was originally watered by a mist rising from the ground each morning. The amount of the water that can be retrieved by the Riebold's one-metre square mesh devices indicates that this would have been a very efficient and gentle way of watering the vegetation on the earth, without causing the damage that comes from rainstorms and wind. This project serves as a reminder of how good the "very good" world was that God made in the beginning, and how far it has degenerated since then due to human rebellion and God's judgement. (Ref. ecology, climate, degeneration)

7. WHY WOODPECKERS DON'T GET HEADACHES reported in ScienceNOW 6 October 2006. One of the prizes awarded at the annual IgNobel Prize ceremony held at Harvard University was presented to Ivan Schwab for research into why woodpeckers do not suffer injury or distress in spite of rapidly banging their heads into hard materials. The reason is that "their brains and eyes are very tightly compacted in their skull according to modern packing theory, and therefore do not bounce around in their skulls as they peck."

ED. COM. It took intelligent scientists and engineers to come up with "modern packing theory" and apply it. Finding it already being applied in the dumber woodpeckers' head, is evidence that woodpeckers were designed by a much smarter engineer. (Ref. birds, bio-engineering)

8. MEERKATS LEARN TO EAT, according to reports in BBC News Online and ScienceNOW 13 July 2006, and Science vol. 313, p227, 14 July 2006. Scientists from Cambridge University UK have been studying the behaviour of meerkats, small carnivorous mammals that live in semi-arid regions of southern Africa. They live in family groups where one dominant couple produce most of the offspring, but other adults help raise the young. Their prey includes some potentially dangerous animals such as lizards, spiders and scorpions so the adults gradually teach the young animals how to recognise and safely kill prey animals. At first they provide dead prey, but as the pups grow older the adults disabled prey animals, e.g. removing the sting from scorpions, before giving them to the young to kill and eat. They then encourage the young to catch live prey and watch to see how they cope. To test whether the young benefited from the "lessons" the scientists raised three groups of young meerkats. One group was given dead scorpions to eat, another was given live scorpions with their sting removed and the other group was given a high protein but completely

harmless diet of boiled egg. After three days of this diet the scientists tested all three groups with live scorpions. The group that had already been given live scorpions most easily managed to kill and eat them.

BBC article: <http://news.bbc.co.uk/1/hi/sci/tech/5177594.stm>

ED. COM. We suspect that ALL hunting and killing activities in both man and animals are learned activities, rather than built in instinct. Genesis tells us that all animals originally ate plants. However, after Noah's flood the environment was seriously degraded, and many animals would not have been able to find enough nutritious plant food. Therefore, many animals took to eating other animals. Hunting prey requires intelligence and skill, not just brute force, so resourceful animals with strong social structures like meerkats were able to exploit a food source that other animals could not. (Ref. learning, diets, carnivores)

9. QUEENSLANDERS HOME SCHOOLING DAY ON THE GOLD COAST - A GREAT DAY OF QUESTIONS AND ANSWERS FROM GOD'S WORD AND GOD'S WORLD WITH CREATION RESEARCH'S JOHN MACKAY, DR DIANE EAGER AND THE TEAM - DON'T MISS IT.

DATE: Friday 3rd November

TIME: 9.30am - 2.30pm DOORS open 9am

COST: \$15.00 per person or \$35.00 per family. PAY AT DOOR.

PLACE: Gold Coast Baptist Church 20 White St Nerang

TO ADVISE YOU ARE COMING CONTACT: Val Cronau 5594 6511 or Penny Svasti 5575 5345 or Gwen Taylor 32064467 or Email: info@creationresearch.net

Bring your own lunch, drinks and snacks - hot water available.

SINCE GOD MADE A GOOD WORLD....

Why did God create fire breathing dragons?

Did Eden's dinosaurs really need such big teeth?

What are spider webs really for?

Did God invent mosquitoes as judgement?

Did Bees sting before Adam sinned?

Is your dog a degenerate mutant?

So cats must eat meat eh?

How many rabbits got off Noah's ark?

Why on earth do snakes have poison if they only ate fruit?

What would polar bears do in a world with no ice before Noah's flood?

Did poison arrow frogs really need poison in God's good world?

What were seasons like before the flood?

Is Bird Flu evolving because the world has fallen?

Where did camels live in a perfect created world with no deserts?

Would you need an immune system in a world created good?

If there was no death before sin, where did animal camouflage come from?

What did Great White Sharks eat before Aussies went surfing?

What did crocs eat before they were carnivores?

AND LOTS MORE!

BRING YOUR BIBLES, YOUR PENS AND PAPER AND YOUR QUESTIONS

SESSION TIMES

9.30 -10.30

10.30 break

11-12.30

12.30-1.30 break

1.30 -2.30

2.30/3 Finish.

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Evidence News 14/06 – 25th October 2006

10. DONATIONS TO HELP CREATION RESEARCH WORLDWIDE can be sent to the Following addresses or use our secure Web site: www.creationresearch.net and click DONATIONS.

USA: P.O. Box 281 Hartsville TN 37074 (Donations in USA are tax deductible. Make checks to Creation Education Society)

UK: P.O. Box 1 Ashton under Lyne Lancs. OL6 9WW (Donations in UK payable to Creation Research Trust are tax deductible - a Gift Aid Declaration is required - available from <http://www.amen.org.uk/cr/trust/giftaid.pdf>)

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