



Another great few weeks of research. Exciting fossil Roo for our web museum. All this and much more as we bring you Evidence News 5/07 with EDitorial COMment, and a big welcome from John Mackay and the Creation Research Team worldwide. Much of this enews is dedicated to DESIGN and we know you will really enjoy it.

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1. GIANT ROO FOSSIL FIND as Monday 7th May phone call from supporting farmers Rob and Gavin who had been digging a new farm dam to take advantage of the current drought, reported they had spotted a fossil. "Could we come and look at it?" Two days later plus much sunburn and aching muscles and after voluminous quantities of glue - we have a marvellous new addition to our web museum. See first pics on www.creationresearch.net click Projects click Roo. Keep watching for more details.

This giant fossil roo is not only a reminder that the climate of the Darling Downs was once better, being both warmer and wetter, and having much more lush vegetation, but that the history of kangaroos is the opposite of evolution. Since this fossil was buried, kangaroos have devolved or degenerated. Some groups are sadly on the edge of extinction.

YOUR FINANCIAL SUPPORT MAKES OUR RESEARCH POSSIBLE. GIVE VIA www.creationresearch.net and click DONATIONS. Gifts in USA and UK are tax deductible.

2. GLOBAL WARMING ON MARS reported in Canadian National Post, 26 Jan 2007 and National Geographic News, 28 Feb 2007. Data and images from the Mars Global Surveyor and Mars Odyssey have revealed that Mars is undergoing a period of warming and its polar ice caps are melting. The conventional theory on variations in temperature on Mars is that they are due to aberrations in its orbit and rotation. Mars does not have a large moon to stabilise its movements, as the earth does. However, Russian Scientist Habibullo Abdussamatov, of Pulkovo Astronomical Observatory, St. Petersburg, has studied variations in the sun's heat and claims there is a pattern that can account for most of the climate variation on both Mars and Earth. He has studied changes in the sun's irradiance and claims that both Mars and Earth are going through a warm period due to changes in the sun's heat. Abdussamatov commented, "Man-made greenhouse warming has made a small contribution to the warming seen on Earth in recent years, but it cannot compete with the increase in solar irradiance". He went on to explain, "The solar irradiance began to drop in the 1990s, and a minimum will be reached by approximately 2040. It will cause a steep cooling of the climate on Earth in 15 to 20 years."

Canadian National Post article:

<http://www.canada.com/nationalpost/story.html?id=edae9952-3c3e-47ba-913f-7359a5c7f723&k=0>

National Geographic Article:

<http://news.nationalgeographic.com/news/2007/02/070228-mars-warming.html>

ED. COM. The unpopular punch line is that if Abdussamatov is correct, climate change should not be blamed on human activity as fast cars and flatulent cows can have no possible influence on Mars climate. Recent media reports have claimed that global warming is "all our fault," (see www.telegraph.co.uk, 4 Feb 2007) but human activity cannot be blamed for climate change on Mars. Abdussamatov has nailed his colors to the wall with his "steep cooling" prediction, so it will be interesting to see if it is correct in 15 to 20 years. In the meantime his work reminds us that there are far more powerful forces at work in and on the world than human activity, and we would remind all to put your trust in the One who is more powerful than all the powerful forces in the Universe: i.e. the One who made it - the Lord Jesus Christ. (weather, planets, politics)

3. RAVE REVIEWS ON NEW CLIMATE CHANGE DVD AS DR MONTY WHITE writes: "Randall Hardy sent us a copy of your Climate Change and Creation DVD. The warehouse manager watched it with his family over the weekend and gave it to me saying that it was very good. My wife and I watched it last night – it is excellent. We ordered 20 copies today. This needs to be shown to every Government minister, never mind about Christians. I love the way it is so Biblically based."

Many people are getting a copy, then phoning back for 5 or 10 more to give to friends. Don't miss out. This is definitely becoming labelled as one of our best teaching DVDs ever. Available now in all countries by our Web Shop go to www.creationresearch.net click New Products then your country.

DON'T MISS THE REALLY INCONVENIENT TRUTH ABOUT GLOBAL WARMING with the Big Aussie from Down Under, International Director of Creation Research John Mackay, as he brings you CLIMATE CHANGE AND CREATION - A BIBLICAL PERSPECTIVE.

4. VOLCANOES AND CLIMATE CHANGE LINK REPORTED on abc news Friday, April 27, 2007, as cataclysmic volcanic eruptions in Greenland and the British Isles now claimed to have brought on a destructive global warming 55 million years ago, an international study has revealed. The eruptions also separated Greenland from Europe by giving birth to the North Atlantic Ocean, said the study in the April 26 issue of Science. The findings are important 55 million years after the fact, because the volcanic activity released large amounts of methane and carbon dioxide and warmer temperatures followed.

The study of marine fossils and geology of the period showed the release of these so-called greenhouse gases had the effect scientists today fear – raising surface water temperatures five degrees C (nine degrees F) in the tropics and more than six degrees (11 degrees F) in the Arctic. "There has been evidence in the marine record of this period of global warming and evidence in the geological record of the eruptions at roughly the same time but until now there has been no direct link between the two", said Robert Duncan, professor at Oregon State University and an author of the study.

ED. COM. You may well ask why then is human activity receiving the full blame for global warming when historic volcanic eruptions are now claimed to have done far worse in the past when no evolutionist believes man was on the planet? However volcanoes are still here and one eruption releases more gas than any human activity, BUT since you can't tax or control volcanoes, perhaps political prejudice is the real reason such data is usually underplayed.

5. KEN HAM'S NEW CREATION MUSEUM in Kentucky to open last week of May 2007. See exciting pics on www.creationresearch.net click PROJECTS click AIG Museum. John and Anne Mackay recently spent 2 days in Kentucky with Ken and Mally Ham. Anne's comment on the museum was "spectacular". Ken's and AIG's materials will be available through Creation Research in Australia and around the globe. Watch for more details.

6. NOAHS ARK TO BE REBUILT with a green twist, reports http://news.yahoo.com/s/ap/20070516/ap_on_re_mi_ea/greenpeace_noah_s_ark

ISTANBUL, Turkey - Environmental activists are building a replica of Noah's Ark on Mount Ararat - where the biblical vessel is said to have landed after the great flood - in an appeal for action on global warming, Greenpeace said Wednesday.

Turkish and German volunteer carpenters are making the wooden ship on the mountain in eastern Turkey, bordering Iran. <http://search.news.yahoo.com/search/news/?p=Iran>. The ark will be revealed in a ceremony on May 31, a day after Greenpeace activists climb the mountain and call on world leaders to take action to tackle climate change, Greenpeace said.

"Climate change is real, it's happening now and unless world leaders take urgent, decisive and far-reaching action, the next decades will see human misery on a scale not experienced in modern times," said

Greenpeace activist Hilal Atici. "Those leaders have a mandate from the people ... to massively cut greenhouse gas emissions and to do it now."

ED.COM. Hope Greenpeace puts up a plaque on the real history of climate change as one of the greatest climate shifts occurred as a result of Noah's Flood after God told Noah what the weather would be like to the end of the world when he said, "While the earth remains, seedtime and harvest, and cold and heat, and summer and winter, and day and night shall not cease." Genesis 8:22.

7. SYNTHETIC CILIA MADE, according to a report in New Scientist Tech, 13 April 2007. Cilia are microscopic hair-like structures that project from the surfaces of cells. Large numbers of them are found in the linings of airways where they are used to sweep the layer of fluid that lines the airways away from the lungs. This process helps keep micro-organisms out of the lungs. In order to understand how the cilia are moved scientists at the University of North Carolina have made artificial cilia out of a flexible polymer containing iron oxide particles. These can be bent using an electromagnet. The scientists then used computer simulations to stimulate the artificial cilia so that their movements are similar to real cilia, which curl over when they are bent in one direction, but stay straight when bent in another. They are now working on getting the cilia to work in fluid similar to that lining the lungs. Richard Superfine, who led the study commented to New Scientist, "What we view as the most profound contribution is to our understanding of biology. There's very little understanding currently of how an individual cilium, or fields of cilia, move fluids."

New Scientist article:

<http://www.newscientisttech.com/channel/tech/dn11602-artificial-cilia-mimic-their-biological-peers.html>

ED. COM. When scientists do understand how cilia work in fluid, they will have gained a small amount of knowledge that the creator of real cilia already had. If they then succeed in making artificial cilia that work in fluid they will have proven that it takes knowledge and creative engineering to make functioning cilia. They don't come about by chance random processes. (Ref. bio-technology, nanotechnology, bio-engineering)

8. ROBOT SALAMANDER TESTS EVOLUTION, according to articles in news@nature 8 Mar 2007 and BBC News Online, 9 Mar 2007. Scientists at the Swiss Federal Institute of Technology have built an amphibious robot that moves like a Salamander to test their theories about what happened in "that famous moment when the first 'fish' scurried on land". They based their model on a salamander because they believe it was similar to the first animal to walk on land. The same team had been studying the electrical signals involved in controlling movement in real salamanders and concluded that their movements were basically controlled by two sets of nerve networks that produce different rhythms of movement - one low speed and one high speed. The low speed network controls walking, the high speed controls swimming. When the creature walks its body bends from side to side in an S shape. As it speeds up it eventually reaches a threshold where the fast network takes over, its limbs are tucked in and it swims with its body moving in a travelling wave.

ED. COM. The transition from one form of movement to another can only take place because the two control systems and the moving parts are already present – both in the salamander and the robot. The engineers who built the robot should know that, or do they believe all their clever engineering and hard work in building the robot was the result of a random naturalistic phenomenon? This robot experiment is further confirmation of planning and creative design, not chance evolution. (Ref. technology, gait, robotics)

9. PLANTS AND PEOPLE HAVE SAME PROTEIN, according to report in Biology News Net 9 April 2007. Scientists at Scripps Institute have found that humans and plants have a common biochemical pathway that helps them resist bacterial infection. A human protein called Nod1 is activated by another protein named SGT1. In plants SGT1 activates a group of proteins named Resistance proteins, which have a similar structure and function to the protein family that includes Nod1. SGT1 is also found in yeasts and mammals. Richard Ulevitch from the laboratory that conducted the study suggested that some protein regulatory pathways exist in plants and humans "simply because they do the same thing in much the same way". He commented: "In reality, there are only so many ways to accomplish related biological responses."

BiologyNews.net article:

http://www.biologynews.net/archives/2007/04/09/scripps_research_study_shows_humans_and_plants_share_common_regulatory_pathway.html

ED. COM. It is good to see mainstream biologists admitting what is basically common sense, rather than making up some contrived evolutionary story. For many years creationists have been pointing out that finding the same protein in two different living things only proves that they both need it for a similar purpose, and this does not prove any evolutionary connection between the two. Finding the same kind of protein in two living things is like finding an axle in both a wheel barrow and a car. It does not prove one machine turned into another, but it does show that whoever built the machines knew what was needed to make them work and intelligently put similar bits in. The same applies to living things. The Creator of all living things

made them as separate, unique combinations of often common and appropriate components. (Ref. biochemistry, immunity, design)

10. QUANTUM PHYSICS IN PLANTS, reported in Nature, and Biology News Net 12 Apr 2007. Plants are able to extract energy from sunlight with almost 100% efficiency because the transfer of light energy into the reaction centres that begin the process of photosynthesis happens almost instantaneously. The transfer process has been a mystery, but researchers at the US Department of Energy's Lawrence Berkeley Laboratory have found evidence that it is a quantum mechanical effect. Graham Fleming, who led the study, described their results: "We have obtained the first direct evidence that remarkably long-lived wavelike electronic quantum coherence plays an important part in energy transfer during photosynthesis. This wavelike characteristic can explain the extreme efficiency of the energy transfer because it enables the system to simultaneously sample all the potential energy pathways and choose the most efficient one." Biology News Net commented: "The photosynthetic technique for transferring energy from one molecular system to another should make any short-list of Mother Nature's spectacular accomplishments. If we can learn enough to emulate this process, we might be able to create artificial versions of photosynthesis that would help us effectively tap into the sun as a clean, efficient, sustainable and carbon-neutral source of energy." Gregory Engel, who was also involved in the study, commented: "Nature has had about 2.7 billion years to perfect photosynthesis, so there are huge lessons that remain for us to learn. The results we're reporting in this latest paper, however, at least give us a new way to think about the design of future artificial photosynthesis systems."

Biology News Net article:

http://www.biologynews.net/archives/2007/04/12/quantum_secrets_of_photosynthesis_revealed.html

ED. COM. A plant which cannot select the right energy spectrum and then transfer such energy efficiently is destroyed by the same energy, long before it can evolve. The coexistence of both a selection and quantum transfer process is proof of deliberate and intelligent creation, not 2.7 billions years of mindless natural processes. If bio-technologists are able to learn the "huge lessons" of how to design an artificial photosynthetic system they will have doubly proven it takes brilliant understanding and creative engineering to make a system that selects and then extracts energy from light at near perfect efficiency. The photosynthetic method for transferring energy is a "spectacular accomplishment" but the glory for this should go to the Lord Jesus Christ through whom and in whom all things were created, (see John 1:3, Colossians 1:16) not to a false god named Mother Nature. (Ref. design, technology, energy)

11. BIG FISH WITH BIG BITE reported on BBC News Online, 29 Nov 2006. Scientists in Chicago have built a biomechanical model of the skull and jaws of an extinct fish named "Dunkleosteus terrelli" to see how fast and powerful its bite was. They found a "highly kinetic skull driven by a unique four-bar linkage mechanism." This enabled the fish to open its mouth very rapidly and create a suction force that dragged prey into its mouth, and then bring its jaws together with the force around 5,000 Newtons. This is the strongest bite of any known fish, including the great white shark. It is unusual for a fish to have both a fast bite and powerful bite - they usually have one or the other. One of the researchers, Mark Westneat of the Field Museum of Natural History, Chicago, explained: "This is possibly due to the unique engineering design of its skull and different muscles used for opening and closing." The fish was a placoderm, an extinct group of fishes that had bony plates in the skin, and which grew to be about 10m (33ft) long. Scientists believe it needed a powerful bite because it "was surrounded by possible prey that all required really high bite force."

ED. COM. "Unique engineering design" is actually evidence for Design and hence Designer. It is anything but evidence for chance random processes. The fact that this fish, and all placoderms, are extinct, and that very few fish today ever grow to be 10 metres long, is evidence that the living world is going down in both diversity and size. This is the opposite of evolution. In fact, this fossil is good evidence for the Biblical history of the world, i.e. a created world, full of "uniquely designed" complex creatures that have degenerated or died out. (Ref. jaws, bio-engineering, biomechanics)

12. BIRDS' BREAKFAST PLANNED, according a report in and news@nature, 21 Feb 2007 and Nature, vol 445, p919 22 Feb 2007. In the wild, many birds store away food for the future, and seem to be able to store the right amount in the right place for their future needs. Scientists at Cambridge University, UK, studied scrub jays, which regularly store nuts, to see how precisely they could plan ahead. Nicola Clayton and colleagues placed birds in cages with three parts. Food was placed in the middle section during the day and evening, but the birds could access all parts of the cage. In the mornings they were confined in one of the other two end sections. In one section they were given food, but not in the other. At first the birds were given powdered nuts, which they can eat but not store away. After the birds got to know the routine for feeding and being confined in one section of the cage they were given a plentiful supply of whole nuts during the day. Birds can bury whole nuts and the cages had trays of sand in the end sections. As expected, the birds buried some of the nuts, but they buried three times as many in the "no-breakfast" section. In another experiment

the birds were given two types of food during the day and evening. In the mornings they were confined in one of the end sections of the cage and were given one type of food. During the day the birds buried more of the food they would not be given the next morning in each of the end sections. These results indicate that it wasn't just the association with hunger that led them to bury food in one place and not another. Thomas Zentall of University of Kentucky, who also studies animal cognition, commented that birds lead "intellectually demanding lives" - finding and processing different types of food, remembering where they hid the food, and keeping track of their neighbours, but there is a bias against birds because they have small brains. However, as Nicola Clayton pointed out "their brains are bigger than chimps, relative to the body size."

ED. COM. Biologists over the last few years, have come to the conclusion our feathered friends are not "bird brained", but the birds' small brains are just wired differently from mammals and this enables them to function at a very high level in spite of their small size. These days we praise clever electronic engineers for designing smaller computers that carry out more functions. Therefore, we should also praise the Creator who designed and made the bird brain, which does more than any computer. (Ref. intelligence, thinking, ornithology)

13. CHICKEN CHATTER DECIPHERED, as described in the Daily Telegraph Online 16 Nov 2006. Chris and Linda Evans have investigated how much information is contained in hens' calls. It has always been assumed that hens are only able to communicate at a very primitive level, and the sounds they make when they find food are just meaningless exclamations. However, they can make over 20 different calls, which have separate meanings. For example, a hen that finds food makes a repetitive high pitched call that other birds recognise as "here is food" and will look for food themselves. The birds can also give some indication of the quality of the food, eg. producing sounds at a higher rate for a more desirable type of food. Recent research has found that chickens are not nearly as stupid as most people assume. They live in stable social groups, can recognise each other by facial features, and seem to be able to understand that if an object they recognise is taken away and hidden, it has not ceased to exist.

ED. COM. Birds were generally thought to be stupid or to behave by instinct because they have small brains, hence the term "bird brain". However recent research into many bird species indicates they are capable of quite complex learning, and their brains are not deficient, but are wired differently to mammals. They are only stupid if they are not given an opportunity to learn from other birds. This should not be a surprise as scientist have known for many years that birds have many other features that are distinctively different to mammals and reptiles, eg. their breathing system. This fits perfectly with Genesis 1 story of the 5th day of creation when God created birds as separate and fully formed creatures.

Telegraph article:

<http://www.telegraph.co.uk/news/main.jhtml?xml=/news/2006/11/15/nhen15.xml>

14. GYROSCOPE CONTROL FOR MOTHS reported in Science, vol. 315, p863, 9 Feb 2007. Sanjay Sane of the University of Seattle has been researching how moths maintain stability in flight when they are so light that any gentle breeze could blow them off course. He analysed high speed films of moths in flight and measured the movements of their antennae. He also recorded the activity of a tiny sense organ at the base of each antenna. Putting this altogether he concluded that the moths use their antennae to measure the twists and turns of their bodies as they fly, in the same way that aeronautical engineers use movements of gyroscopes to stabilise aircraft and missiles in flight. To test his theory he cut off the antennae of some moths and filmed them flying. They were hopelessly unstable and flew in all directions, including upside down and backwards. When he glued the antennae back on the moths could fly normally.

ED. COM. Gyroscopes are precision instruments, and building them and installing them in aircraft takes creative design and engineering. No-one would try flying a plane with half made gyroscopes, and it is just as silly to imagine gyroscopes in insects evolving slowly and gradually over millions of years. We wonder how many half evolved moths spent their lives flying upside down and backwards but still managed to find a mate and pass on their half-evolved genes for evolution to work on. It is far more sensible to believe that moths were created as fully formed creatures, complete with needed antennae gyroscopes, ready to fly and multiple after their kind, as described in Genesis. (Ref. aeronautics, insects, senses)

15. WALKING OVER CRACKS WITH COCKROACHES reported in New Scientist news, 16 Feb 2007. Robot researchers in the US have been "copying biological examples" as they work on building robots that can walk over broken terrain. Researchers at the University of California and Pennsylvania University studied high speed videos of spiders and cockroaches running across a wire mesh to help them understand how they can negotiate surfaces with gaps. They found that "the physical design of the insects' and arachnids' legs" enables them to negotiate such surfaces. Spiders have spines on their legs which can support the body when pushed down vertically onto a surface, but fold back when the leg is lifted. Cockroaches held their legs out horizontally so that they gripped the mesh with other parts of the leg, not just their feet. The researchers

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then modified their six legged robot by adding spines and redesigning the legs so that more surface made contact with the terrain. They found the modified robot could cross a grid more easily than their previous model. The scientists hope their research will help them design rescue robots that can manoeuvre over uneven, gap ridden terrain.

New Scientist article:

<http://www.newscientisttech.com/article/dn11198-leg-spines-make-robots-better-scramblers.html>

ED. COM. Notice how evolutionist engineers can't help using the word "design" when they see it. They recognise that the spines on the spiders' legs and the structure of cockroach legs are not just naturalistic or random. If engineers are able to build a robot that can cross cracked surfaces, it will involve their creative design and construction (albeit copied and unoriginal). Therefore, they are being deliberately ignorant when they claim that spiders and insects evolved by chance. If the engineers do manage to build a robot that is useful in rescue operations the people who are rescued should be grateful to the engineers who built it. Even more, they should be grateful to the Creator God who designed the "biological examples" that the engineers copied. Most of all they should be grateful to the Creator God who gave them life in the first place, and sent the Lord Jesus Christ to rescue us from our rebellion against Him and give us eternal life. (Ref. robotics, biomimicry, gait)

16. 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.

AUSTRALIA: P.O. Box 260 Capalaba Qld 4157

IF YOU no longer wish to receive our updates please reply with REMOVE EN in the subject. To assist us please include your name as well as e-mail address (and organisation name, if any).

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