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STATEMENT OF PURPOSE

NEXUS recognises that humanity is undergoing a massive transformation. With this in mind, NEXUS seeks to provide 'hard-to-get' information so as to assist people through these changes. NEXUS is not linked to any religious, philosophical or political ideology or organisation.

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Editorial

Welcome to the 121st issue of NEXUS Magazine. As I type this editorial, I'm listening to the latest propaganda warning us that swine flu is spreading and is dangerous, and I'm hearing that more countries are now considering introducing laws for compulsory vaccination and/or detention of affected citizens. After learning that the so-called "Spanish flu" resulted from vaccines (it's still unclear whether this was deliberate or accidental), one can only wonder what's in store for the masses. Notice that the death toll from swine flu at present is only a fraction of the annual deaths from ordinary flu. What's the bet that as soon as we are "protected" from swine flu via the vaccines, people will start dropping like flies? It won't take much to scare the population to the point that people will even inform the authorities of those who refuse the vaccine. Is this a population cull in the making, or just another grab at putting in place legislation that further turns each country into a police state? If swine flu vaccination becomes compulsory in your country, what will you do?

Taking advantage of our distractions over swine flu and climate change is the slow and gradual march towards a global currency and a cashless system with its attendant global biometric ID technology. More and more nations such as China, Russia and the European Union are calling for a global currency, and specifically not one directly controlled by the USA. Just as the swine flu needs many deaths to be a successful tool of social control, so the economy needs a big "fall" to trigger the next step towards a global economic new world order. Problem, reaction, solution.

So what can an ordinary person do to stop all this? Well, you can't "stop" it, in my opinion, but you certainly have the power to change how you experience the changes we are encountering. It all starts with how you live, what you consume, and how you treat yourself and others. If you really want to change the world, change yourself first and then demonstrate a better way of living to your immediate circle of family and friends.

One practical solution to regaining some sovereignty in your life is to promote the use of community currency. Yes, the community currency movement is spreading, but don't wait to hear about it on the news. If you live in a small town or community, read this article and get this currency system happening in your town. This simple piece of information has the potential to change the world for the better, in my view.

Other articles of interest in this edition include an exposé that important archaeological findings in Egypt are being withheld, or "sanitised" for public consumption while officials claim the credit. Philip Coppens takes a close look at the role of Dr Zahi Hawass in Egyptian archaeology, which probably means we're now both off his Christmas cards list.

Dr Viera Scheibner's article on polio vaccination contains ammunition for those battling the health authorities, as does Dr Alan Cantwell's article implicating bacteria in a range of ill-health conditions. While most NEXUS readers are already in the know, you can use this information to educate your doctor or naturopath.

Our Science News article about gravitons and antigravity is by Ted Roach, who used to come to our "mad scientist" meetings about 20 years ago—so I can vouch for his technology and his integrity. He is putting his research into the public domain for all to partake of—so use it wisely.

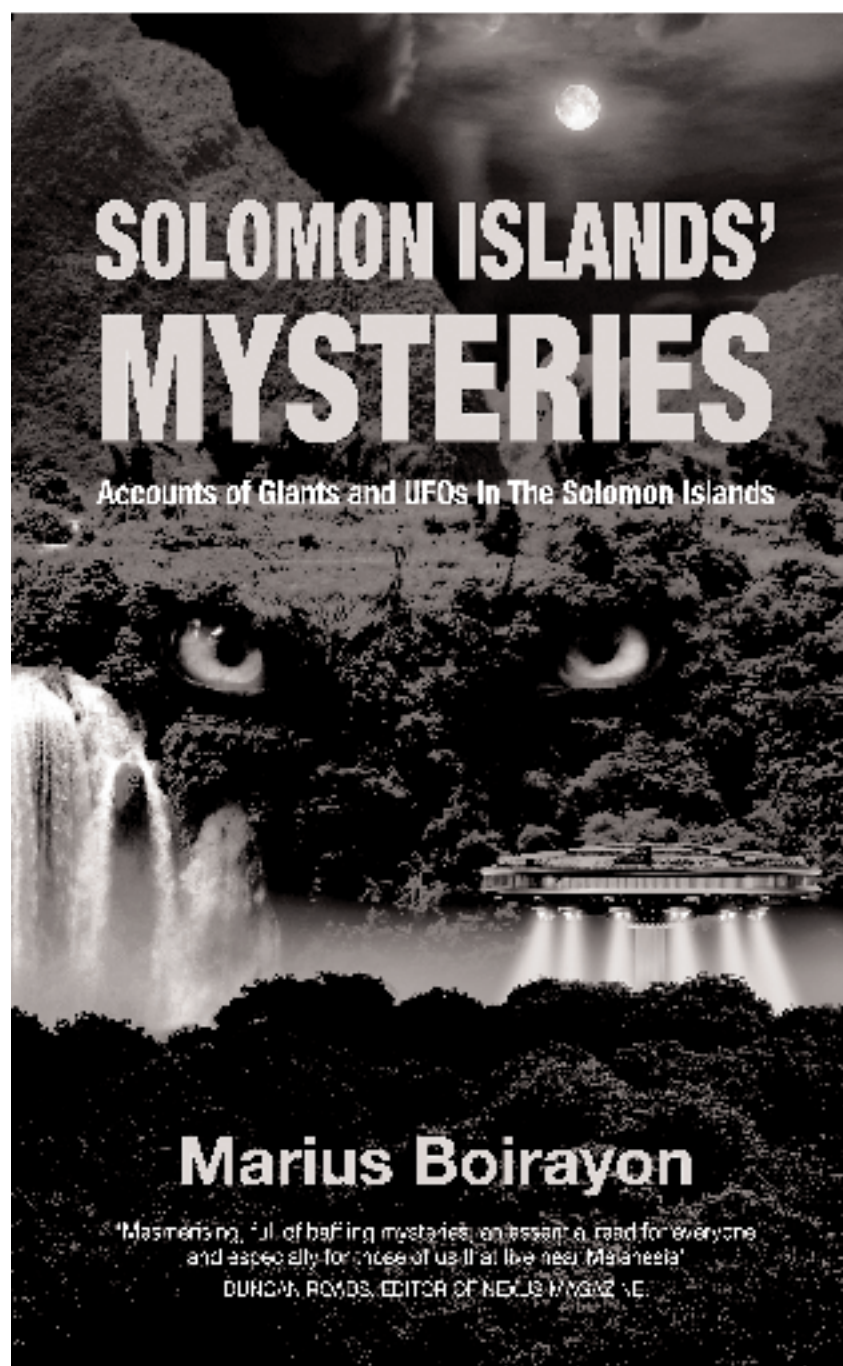
Till next time,

Duncan

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Exclusive to NEXUS Magazine



In the remote Solomon Islands, UFOs rise from the Pacific Ocean only to disappear into lakes perched in the jungle. Mysterious tunnels and UFO bases have been discovered.

Legends abound of ruined cities and giant hominids emerging from the mountains to terrorise and kidnap locals.

Read more in this long-awaited book now available only through NEXUS Magazine.

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Letters to the Editor ...

Sustainable Solutions

Dear Editor: You will have to excuse my ignorance of your magazine, as I first bought it only today.

I just read who you guys say you are, and it made me wonder if you have ever heard of and/or ever visited The Venus Project website (www.thevenusproject.com). If not, I think you might find it of interest. Also,

thezeitgeistmovement.com, which is the activist arm of The Venus Project, has an interesting free movie download called *Zeitgeist*.

Toodles,
Nathan :)

[Thanks, Nathan, and I hope you become a regular reader. I was not aware of the The Venus Project, and upon visiting the website I was so impressed by what they are doing that I decided to run your letter, just so I could give them a plug! Ed.]

Rh-Negative Blood Oddity

Hi, Duncan: I just was wondering if you could explain to me the rather startling statistic on the average population's blood type in China.

If you go to Wikipedia and look up ABO and Rh blood distribution by country, you will find that China has a huge deficit in the negative blood types. I have never believed in conspiracy theories, but this struck me as odd. Is there a logical explanation for this?

Ellie

[Dear Ellie: I must confess to being intrigued by the suggestion of a link between Rh-negative blood (especially the A-negative type, as suggested by Alec Newald) and people who claim to have had experiences with UFOs or ETs. I'm running your letter

in the hope that more information may come my way as a result. As for the Chinese statistics, who knows. If you look carefully at the source of the research, you will see it is derived from Red Cross blood donations and is not a population-wide survey. More information would be needed before you could draw any conclusions here. Ed.]

Solomon Islands Mysteries

Dear Duncan: I read with great interest Marius Boirayon's article on the Giants of Guadalcanal in the Solomon Islands [NEXUS 16/04]. I'm definitely convinced that large creatures such as Sasquatch and the Yeti walk our Earth, but I must confess I'm a little sceptical about Marius's claims. According to Marius, these giants "are all over the place and are seen on a daily basis", and are a part of the tribes' culture and history. In addition, Europeans have visited the islands for over 500 years.

Why no photos or films? Why no accounts by other explorers and travellers in the period since Marius wrote the article or, for that matter, even before? David Hatcher Childress certainly made no mention in his books, and he has explored the region. There have been mining companies on the island, but no accounts or reports from them.

Marius implied that the lack of Japanese forces to meet the Allied landings may have had something to do with the giants. If that's so, surely there would be Japanese stories and accounts.

If we are talking about a

widespread phenomenon that's been on these islands for hundreds of years, then surely we should have heard or should be hearing it from more than one man. I find this odd.

If there are any other readers out there who have travelled to the Solomons and experienced these giants, I would love to hear from them.

Anthony Z., Hurstville, NSW, Australia

[Dear Anthony: Your letter reflects the disbelief of several other readers, so I am addressing more than just your comments with my answer. First up, let me say that before I published Marius's account, I had received several other reports from separate sources which independently corroborated different aspects of Marius's findings. So I knew something weird was going on there already, but none of these sources wanted the publicity from speaking out.

Next, you have to appreciate that there are vast, inaccessible areas of the islands which are rarely, if ever, visited by non-locals, let alone even the indigenous people themselves. Visitors hardly ever penetrate the areas described by Marius, and, even if they did, the likelihood of chance encounters is small. Sure, the locals in these areas will tell you of the giants and the flying dragon snakes (UFOs) if you ask them. But to the islanders, it is not something to go talking about with strangers.

Further, Marius had a unique upbringing in remote Papua New Guinea, and his marriage to a native Solomon Islander granted him insights into cultural relationships with the giants that westerners would never glean.

Moreover, I personally know of several privately funded

expeditions that have gone into some of these areas, and all the people I have spoken to assure me that they now believe what Marius has described.

The evidence that Marius accumulated before contacting NEXUS back in 2003 was "confiscated", and the TV network he was working with pulled out after spending considerable time and money on a documentary. Marius was basically beaten up, injected with a strange drug, had his only evidence stolen, and was turned into an "unreliable" source of information in terms of further mainstream media scrutiny.

After we published Marius's articles in NEXUS 10/05, I received yet more "off-the-record" information that reinforces the picture even more. I firmly stand by the articles, and I believe what Marius has described to be true. Ed.]

Predictions for the Equinox

Dear Duncan: Over the past year or so, I have been paying particularly close attention to two previous contributors to NEXUS.

The first is Ken Dickman, whose extreme weather-seismic-volcanic event forecasting has been fascinating to watch because time after time he's been proved correct [see 15/04]. Ken's system uses an harmonic analysis of planetary alignments combined with four electrically charged but stationary beams emanating from the Sun to plot the likelihood of all kinds of severe weather.

Your second contributor is Clif High from Half Past Human, who applies a form of meta-language analysis to our present use of language to give indications

... more Letters to the Editor

NB: Please keep letters to approx. 150 to 250 words in length. Ed.

of future events [see 16/01]. This, too, was astonishing to review as each temporal marker has been reached and fulfilled.

I am writing to NEXUS to point out that both systems of predicting extraordinary events come together with a very specific time-frame of activity this autumn (northern hemisphere). Ken Dickman's charts highlight the Equinox in September as a period of exceptional instability for both severe weather and seismic activity. At the same time, Half Past Human is entirely independently flagging the exact same time-frame for similar extreme events. Ken's system is not place-specific, but Half Past Human says that most of the linguistic clues seem to point to the Pacific area as being the most severely affected. So, the Equinox of September 2009 is not a time to be found in areas subject to flooding, sudden seismic activity or grumbling volcanoes.

Beth Frear, Scotland

NEXUS Editor on Holiday?

Dear Editor: If the recent issue of NEXUS [16/03] were a postage stamp, it would be valuable because the right-hand column of the contents page does not match the articles and reviews actually in the magazine. Was the editor on vacation the day that was approved? Great magazine, nonetheless. I read everything in each issue and save the magazine for future reference. Thanks for your work.

I wonder if there are any plans to revisit the 9/11

event, given the overwhelming evidence that the truth has not been reported.

Nick

[Thanks, Nick. The error you cite was in the North American edition of NEXUS, and it did cause a bit of confusion. The fault is mine, and it was probably because I was not on vacation that I made the error! As for more articles on unreported evidence about 9/11 being an inside job, yes, I still monitor new material, as I do with the JFK assassination, and many other related issues. Ed.]

NEXUS Poetry Corner

Hi, Duncan: I've been a reader of your fantastic magazine for a number of years now, and I'm a huge fan. My query is: would you be interested in devoting a page of your magazine to poetry?

I, myself, am a poet and would love to contribute. Also, I feel that it would be a wonderful addition to your already great publication.

Thank you for your time.

Brett L.

[Dear Brett: I can appreciate that, considering your interest in the magazine, you may well have a way of putting global conspiracy issues into verse, but I'm afraid the answer is "no". I already receive a wealth of unsolicited poems, most of which I simply don't have the time to read because I'm too busy putting global conspiracy issues into the magazine. Ed.]

CoEvolution News

Dear Duncan: I read CoEvolution when it came out years ago [see 16/04 reprint]. Frankly, it's probably the most amazing story I have ever read about

"alien" visitors to our beautiful planet. I have been wondering ever since why there has been no subsequent news of the life of Alec Newald. What he experienced, if true, has a profound bearing on our future for all cultures on this strife-torn planet.

Duncan, have you ever had any further contact with Alec? If not, why not? The story somehow begs for an update, and I am sure you would agree with me. Has this man disappeared into obscurity, or what? To me, if there were a new lot of data coming from him as to what has transpired in his life since that book came out, it would be so powerfully important for all of us who know that sightings of off-world visitors and their associated ships and crop circles, etc., are intensifying.

Please let me know if you have any more information. I remember that he was already being harassed by dark forces, as was mentioned in the book.

What has happened to Alec Newald?

Love,

David, Katoomba, NSW, Australia

[Thanks, David. Your email raises questions put by other readers. Alec's case is certainly unique. When I first made contact with Alec, he had only just heard of NEXUS. He'd had no prior exposure to anything even remotely connected to anything we have ever published on conspiracies, ancient history, UFOs, frontier science, etc. Apart from being what I call "untainted" by information upon which to colour or base his understanding of his abduction experience, Alec did not require hypnosis to

remember what he'd been through.

The stitch-up that landed Alec in prison for a short stint only just added to his credibility, in my opinion, especially given the circumstances and the visits he had while incarcerated.

After reading his account, I sent Alec a boxful of NEXUS back issues plus some other books and videos, all of which he devoured. I felt so strongly about his story that I decided to publish his book CoEvolution, which we did in 1997. But it didn't take long before Alec felt the need to write a second book. His draft was more an expression of his feelings resulting from his prodigious "learning curve". In other words, he was going through the usual "angry" phase at realising more of the "big picture" of reality. I suggested that any second book should primarily focus on aspects of his experience and on any further recollections or experiences of a similar nature to the first, instead of being merely a means to vent his frustration at all the injustices in the world.

I've remained in contact with Alec over the years, and I have very friendly relations with him. If anyone wishes to contact him, just send me an email and I'll forward it to him.

The short spell Alec had in prison in New Zealand was sufficient for him to be prevented from travelling overseas without having to deal with masses of paperwork and permissions, and as a result he has had little exposure by way of appearances at UFO conferences.

As to why the "big names" of ufology have not bothered to embrace his case, as others have put to me, I have no idea, save that it would be too controversial.

I look forward to learning more and to seeing what happens in the future. Ed.]

INCOMING SPACE ROCKS NOW CLASSIFIED

A recent US military policy decision now explicitly states that observations by hush-hush government spacecraft of incoming bolides and fireballs are classified Secret and are not to be released.

The satellites' main objectives include detecting nuclear bomb tests, and their characterisations of asteroids and lesser meteoroids as they crash through the atmosphere has been a byproduct data bonanza for scientists.

The upshot: space rocks that explode in the atmosphere are now classified.

"It's baffling to us why this would suddenly change," said one scientist familiar with the work. "It's unfortunate because there was this great synergy...a very good cooperative arrangement. Systems were put into dual-use mode where a lot of science was getting done that couldn't be done any other way. It's a regrettable change in policy."

Scientists say not only will research into the threat from space



be hampered, but public understanding of sometimes dramatic sky explosions will be diminished, perhaps leading to hype and fear of the unknown.

"The fireball data from military or surveillance assets have been of critical importance for assessing the impact hazard," said David Morrison, a Near Earth Object (NEO) scientist at NASA's Ames Research Center. He noted that his views are his own, not as a NASA spokesperson.

(Source: *Space.com*, 10 June 2009, <http://tinyurl.com/ng37o8>)

INFLUENZA-VACCINATED CHILDREN AT RISK OF HOSPITALISATION

The inactivated flu vaccine does not appear to be effective in preventing influenza-related hospitalisations in children, especially ones with asthma. In fact, children who get the flu vaccine are more at risk for hospitalisation than their peers who do not get the vaccine, according to new research presented in May at the 105th International Conference of the American Thoracic Society in San

Diego.

The research shows that children who had received the flu vaccine had three times the risk of hospitalisation, as compared to children who had not received the vaccine. In asthmatic children, there was a significantly higher risk of hospitalisation.

(Source: *ScienceDaily.com*, 20 May 2009, <http://tinyurl.com/o3h7t8>)

CCTV DOESN'T CUT CRIME

After senior police officers suggested a few years back that CCTV had no substantial impact on crime, a research group funded by the UK Home Office has established that vast spending on systems is almost certainly unjustified.

The review of 44 research studies on CCTV (closed circuit television) found that it does have a modest impact on crime in car parks, but the idea that CCTV has any special power to reduce crime generally is clearly flawed. It is now becoming clear that the £500 million spent by local councils on CCTV in the decade up to 2006 has been on surveillance of the innocent public rather than on crime prevention.

(Source: *Guardian.co.uk*, 20 May 2009, <http://tinyurl.com/o4xusz>)



... GLOBAL NEWS ...

NASA'S MISSION TO BOMB THE MOON

NASA has launched a spectacular mission to bomb the Moon. Its LCROSS mission blasted off from Cape Canaveral, Florida, on 18 June, carrying a missile that will blast a hole in the lunar surface at twice the speed of a bullet.

The missile, a *Centaur* rocket, will be steered by a shepherding spacecraft that will guide it towards its target: a crater close to the Moon's south pole. Scientists expect the blast to be so powerful that a huge plume of debris will be ejected.

The attack on the Moon is not a declaration of war or an act of wanton vandalism. Space scientists want to see if any water ice or vapour is revealed in the cloud of debris.

The spacecraft will not head straight for the Moon. First it will orbit the Earth a number of times while its precise target is identified. Finally, it will send the missile into the Moon at twice the speed of a bullet on 8 October.

The shepherding spacecraft will follow close behind, taking pictures and analysing the ejected debris as it looks for evidence of water. It has just four minutes to do this before it crashes into the Moon itself, producing a spectacular explosion that should be visible in amateur astronomers' telescopes.

(Source: *Scientific American*, 17 June 2009, <http://tinyurl.com/lr64gx>)

RUSSIANS ORDER FLIGHT CHANGES AFTER MAGNETIC SHIFT DOWNS AIRCRAFT

Reports are circulating in the Kremlin that Russian Air Force commanders have issued warnings to all of their aircraft to exercise "extreme caution" during flights "in and around" an area defined as Latitude 17° North [North Atlantic Ocean], Latitude 3° South [South

Atlantic Ocean] to Latitude 8° North [Indian Ocean] Latitude 19° South [Indian Ocean] between the longitudes of 46° West, 33° West, 46° East and 33° East, and which covers the greater part of the African tectonic plate.

The reason for this unprecedented warning, these reports state, are the rapid formations of "geomagnetic storms" emanating from the boundaries of the African tectonic plate that, due to their intensity, have caused the loss of two passenger aircraft during the past month, leaving nearly 300 men, women and children dead.

(Source: *Macedonian International News Agency*, 30 June 2009, <http://tinyurl.com/koh593>)

ALCOHOL CAUSES ONE IN TEN DEATHS IN EUROPE

One in 10 deaths in Europe, and one in 25 deaths globally, are caused by alcohol, according to a recent study.

Doctors writing in the *Lancet* say that drinkers mostly die from injuries, cancer, heart disease and liver cirrhosis.

People have drunk alcohol since the beginning of recorded history, the authors say, but it has become

more damaging.

In Europe, 10 per cent of deaths are caused by drinking alcohol, with the peak in the former Soviet Union, at 15 per cent. But the death rates are higher in developing countries and especially in South East Asia relative to the lower amount that is drunk.

"Globally, the effect of alcohol on the burden of disease is about the same size as that of smoking in 2000, but it is greatest in developing countries," the authors write.

They point out that most of the adult population worldwide actually abstains from drinking alcohol.

Nonetheless, the cost of alcohol, in terms of healthcare and social harm, reaches one per cent of GNP in high- and middle-income countries.

(Source: *Guardian.co.uk*, 26 June 2009, <http://tinyurl.com/l6f6h5>)

UNITED NATIONS BACKS DRUG DECRIMINALISATION IN WORLD DRUG REPORT

In an about-face, the United Nations lavishly praised drug decriminalisation in its annual report on the state of global drug policy.

In previous years, the UN drug czar



... GLOBAL NEWS ...

had expressed scepticism about Portugal's decriminalisation, which removed criminal penalties in 2001 for personal drug possession and emphasised treatment over incarceration. The UN had suggested the policy was in violation of international drug treaties and would encourage "drug tourism".

But in its *World Drug Report 2009*, the UN had little but kind words for Portugal's radical (by US standards) approach.

The report, released in June at the National Press Club in Washington, DC, also puts to rest concerns that decriminalisation doesn't comply with international treaties which prevent countries from legalising drugs.

"The International Narcotics Control Board was initially apprehensive when Portugal changed its law in 2001, but after a mission to Portugal in 2004 it 'noted that the acquisition, possession and abuse of drugs had remained prohibited' and said that 'the practice of exempting small quantities of drugs from criminal prosecution is consistent with the international drug control treaties', according to a footnote to the report.

The UN report also dives head first into the debate over full drug legalisation, and makes a significant

concession to backers of legalisation who have long argued that it is prohibition policies that lead to violence and the growth of shadowy, underground networks.

Jack Cole, executive director of Law Enforcement Against Prohibition (LEAP) and a retired undercover narcotics detective, says: "We are demanding that governments replace the failed policy of prohibition with a system that actually regulates and controls drugs, including their purity and prices, as well as who produces them and who they can be sold to. You can't have effective control under prohibition, as we should have learned from our failed experiment with alcohol in the US between 1920 and 1933."

(Source: *World Drug Report 2009*, <http://tinyurl.com/nq55aa>; The Huffington Post, 24 June 2009, <http://tinyurl.com/myf4p3>)

OCEANS CHARGE UP NEW THEORY OF MAGNETISM

Earth's magnetic field, long thought to be generated by molten metals swirling around its core, may instead be linked to ocean currents, according to controversial new research.

If proved, the research would revolutionise geophysics, the study of the Earth's physical properties and behaviour, in which the idea

that magnetism originates in a molten core is a central tenet. However, the origin of the magnetism was a mystery until early last century when Albert Einstein said that to understand the phenomenon was one of science's most important tasks. This provoked a debate which concluded with scientists agreeing that magnetism must originate in the Earth's core.

"Everyone accepted this, but in reality there has never been any proof," said Gregory Ryskin, Associate Professor of Chemical and Biological Engineering at Northwestern University in Illinois, USA. "It is just an idea we have accepted for a long time without questioning it enough."

Ryskin's research suggests that the Earth's magnetism is actually linked to ocean movements. The salt in sea water allows it to conduct electricity, meaning that the ocean generates electric and magnetic fields as it moves.

(Source: *The Sunday Times, UK*, 14 June 2009, <http://tinyurl.com/noktwz>)

THE NEXT HACKING FRONTIER: YOUR BRAIN?

Hackers who commandeer your computer are bad enough. Now scientists worry that someday they'll try to take over your brain.

In the past year, researchers have developed technology that makes it possible to use thoughts to operate a computer, manoeuvre a wheelchair or even use Twitter.

"Neural devices are innovating at an extremely rapid rate and hold tremendous promise for the future," said computer security expert Tadayoshi Kohno of the University of Washington. "But if we don't start paying attention to security, we're worried that we might find ourselves in five or 10 years saying we've made a big mistake."

(Source: *Wired.com*, 9 July, 2009. <http://tinyurl.com/lsgovv>)



... GLOBAL NEWS ...

JUNK FOOD TRIGGERS "BLISS"

Manufacturers are creating combinations of fat, sugar and salt which are so tasty that many people cannot stop eating them, even when full.

David Kessler, former head of the US Food and Drug Administration, has warned that snacks, cereals and ready meals are devised by food scientists to act on the reward centres of the brain in the same way as tobacco. He says manufacturers are seeking to trigger a "bliss point" when people eat certain products, leaving them hungry for more.

A study carried out by Kessler with researchers at Yale University, using functional magnetic resonance imaging techniques, showed that about 50 per cent of obese people and 30 per cent of those who are overweight were prone to so-called "excessive activation".

"The right combination of tastes triggers a greater number of neurons, getting them to fire more," said Kessler. "The message to eat becomes stronger, motivating the eater to look for even more food."

In other research, scientists have found that different combinations of fat, sugar and salt trigger the release of neurotransmitters in the brain's pleasure centres. The most powerful combination involved sucrose (table sugar) mixed with chocolate and alcohol—the same mixture found in desserts such as tiramisu.

Kessler said: "Many of us have what's called a 'bliss point'—the point at which we get the greatest pleasure from sugar, fat or salt. As more sugar is added, food becomes more pleasurable until we reach the bliss point, after which it becomes too sweet and the pleasure drops off. The same thing happens with fat and salt." At the optimum point, food stimulates many people's appetites instead of suppressing it, according to Kessler.

(Source: The Sunday Times, 28 June 2009, <http://tinyurl.com/lzx5ph>)

OPEN LETTER SPARKS MINISTERIAL INVESTIGATION OF SWINE FLU VACCINE

The New Zealand Minister of Health, The Hon. Tony Ryall, has asked Ministry of Health officials to advise him urgently on issues raised about a "swine flu" vaccine produced by Baxter International Inc.

In an open letter dated 30 June to all members of the New Zealand House of Parliament, Penny Bright, media spokesperson for the Water Pressure Group, a judicially recognised public watchdog for Metrowater, water and Auckland regional governance matters, raises a series of questions and concerns about the safety of the vaccine. She demands to know whether Baxter vaccine products are currently being used in New Zealand for "swine flu", "bird flu" or any other type of flu.

Bright highlights the fact that Baxter is currently facing criminal charges for producing contaminated "bird flu" vaccine—charges that date back to February when it became known that the company had sent out 72 kilograms of live "bird flu" virus supplied by the World Health Organization in the northern winter of 2009 to 16 laboratories in four countries.

The charges, filed by journalist Jane Burgermeister of Austria, claim that clear evidence exists that the pharmaceutical company and international government agencies actively conspired in producing, developing, manufacturing and distributing biological agents classified as the most deadly bioweapons on Earth in order to trigger a pandemic and cause mass death.

Last December, the Austrian branch of Baxter sent a batch of ordinary human H3N2 flu, altered so it could not replicate, to AVIR Green Hills Biotechnology, also in Austria. In February, a lab in the Czech Republic working for Avir alerted Baxter that, unexpectedly, ferrets inoculated with a sample from the shipment had died. It was discovered that the sample contained live H5N1, which was to be used by Baxter to make vaccine. Baxter claimed that the two batches were mixed by error, and called the incident a simple "accident".

According to an article in the *Times of India* on 6 March, Markus Reinhard of Baxter said that no one had been infected because the H3N2 was handled at a high level of containment. But world-renowned virologist Ab Osterhaus of Erasmus University in the Netherlands has stated emphatically that great lengths must be taken to make sure this kind of thing does not happen again. In May, Osterhaus told participants at Europe's largest conference on infectious diseases that the outbreak of influenza A H1N1 is without question the most important event of the past 40 years in human influenza. He stressed that the current H1N1 threat is serious.

Accidental release of the mixture of live H5N1 and H3N2 virus subtypes could have resulted in extremely dire consequences. Although H5N1 does not easily infect people, H3N2 does. Anyone exposed to a mixture of the two strains and simultaneously infected with both could serve as a human incubator for a hybrid virus able to transmit easily to other people and their communities. This is the outcome feared by many scientists in the USA for the autumn flu season, and is the stated reason for the push to get everyone vaccinated, even if by force.

In her open letter, Bright asks members of the New Zealand Parliament to consider whether they would consent to being injected with a "swine flu" vaccine produced by Baxter while it is under investigation for charges that it produced contaminated "bird flu" vaccine.

(Source: NaturalNews.com, 8 July 2009, <http://tinyurl.com/mw8xhz>)

The Ringing Cedars - a stunning series of books from Russia



In 1994 a Siberian elder told the entrepreneur Vladimir Megre a fascinating story about the "ringing cedars" - trees respected from Biblical times for their curative powers and the capacity to reconnect human beings with the Divine. The elder told him where such a ringing cedar was growing in the Siberian backwoods.

Vladimir Megre set out on an expedition to find the tree. But his encounter with the elder's granddaughter, Anastasia transformed him so deeply that he abandoned his commercial plans and penniless went to Moscow to write a book about what she shared with him.

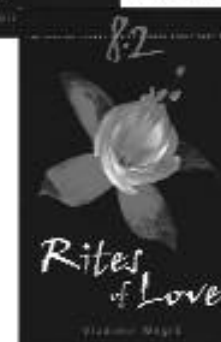
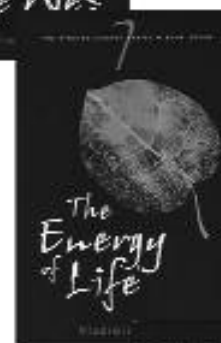
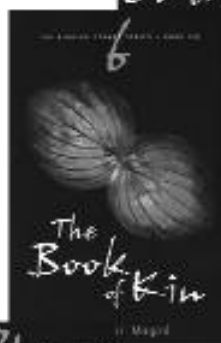


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A SHORT CHRONICLE OF NOVEL EPIDEMICS

Threats of pandemics make big profits for pharmaceutical companies, but the drug Tamiflu, which is not designed to treat swine flu, is being wrongly used and is no longer effective against the season's dominant strains of influenza.

by Peter Arguriou © 2009

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Of pigs and men

We are desperately in need of a new scientific discipline which we should name "prognosticology", the science that studies the way in which predictions are made in science. For the last three decades, there have been ample prognoses. Most of these have been proven wrong or have constituted false alarms. Especially in the realm of medicine, there seems to be a consistent mechanism that not only inaccurately predicts but also invents pandemics and projects their realisation into the near future.

The swine flu "epidemic" is the latest product of this pandemic mechanism. And this mechanism that feeds on billions of dollars in grants is just a part of an even greater mechanism. It is a device of the "feartron", this unfailing political machine that creates and manipulates fear.

In the public health domain, the mechanism pretty much started with the AIDS epidemic. Monstrously wrong prognoses and estimates were made, the world was seized with terror, and sexual behaviour was regulated by the state. The AIDS theoreticians made panic-inducing estimates and overhyped prognoses about the AIDS threat while receiving overwhelming support from celebrities. It is typical that Oprah Winfrey herself stated on her show in 1988 that "one out of five heterosexuals could be dead of AIDS by 1990". As a matter of fact, these predictions failed to such an extent that in 2008 the World Health Organization (WHO), under the overwhelming evidence of the actual numbers and of previous statistical abuse, was forced to declare the heterosexual AIDS pandemic over.²

The mechanism continued to create imaginary apocalyptic visions incriminating other viruses as terrifying killers. Hantaviruses, the West Nile virus, the SARS coronavirus and, more recently, bird flu strains of viruses have all been morphed by the pandemic industry into malevolent entities that could bring modern civilisation to an end, or at least to its knees. Trillions of dollars has been spent on drug purchases and on drug and vaccine development. In the case of the West Nile Virus, the spraying of New York with pesticides to get rid of the virus carriers, mosquitoes, caused a substantial ecological disaster.³ The SARS (severe acute respiratory syndrome) ghost pandemic disappeared within a year, in mid-2003, never to reappear. And hardly anyone remembers hantaviruses any more. From 2003 to 2009, fewer than 500 people were affected with bird flu, with fewer than 300 deaths,⁴ while the annual common flu death toll ranges from 250,000 to 500,000 worldwide.⁵ It is obvious that common sense, as well as humanity, is being targeted and victimised by "novel epidemics".

The new virus on the block

The pandemics industry was desperately seeking for a new product, a fresh approach. It found this in Mexico with swine flu.

And Mexico is neither the first nor the last station in the pandemics prognostics train of thought.

So far, the reasoning behind the pandemic prognostics has been ridiculously poor. Scientists have been desperately trying to connect the causal agent of the "Spanish flu" pandemic, which back in 1918–20 killed 50 to 100 million people, with present strains of viruses. Two researchers, Taubenberger and Tumpey, attempted to connect the 1918–20 virus with avian flu virus strains based solely on a permafrost sample.⁶ A loose scientific connection created a very real tsunami of fear that swept through the world and crippled reason. The connection between the Spanish flu universal tragedy and novel epidemics is not novel at all.

In 1976, 13 cases of swine flu appeared among Fort Dix recruits. One case was deadly. The then US President, Gerald Ford, perceived these swine flu cases to be an imminent national health threat that had to be handled immediately at all costs. A mass vaccination program was initiated, ambitious enough to target all the US populace, but it was so incompetent that it had to be halted 11 months after it began. About one third of the US population received the emergency vaccine.⁷

This vaccine that was supposed to protect the people from a possible health risk from swine flu was possibly associated with a very tangible and undesirable health threat. A few weeks after the vaccination program commenced, the incidence of Guillain-Barré syndrome rose sharply among those who were vaccinated.⁸ Guillain-Barré is an acute inflammatory demyelinating polyneuropathy, an autoimmune disease that involves a misfiring of the immune system in response to foreign antigens. The relationship between vaccines and the quality of immune response that is mounted is still in question.

The reasoning behind such imprudent and rushed reactions over the 1976 swine flu cases was once again the possible connection between the presumed 1918–20 killer virus and the swine flu strains of viruses. And once again the prognosis was unsubstantiated and caused much more harm than good. The same connection is being attempted with the current swine flu situation.

The 1918–20 pandemic was without doubt a disaster. The word "disaster" literally means "bad star" in Greek. And it is no coincidence, because everything that may resemble the 1918–20 "bad star" is instantly equated with pandemics. Pandemic predictions are like astrological predictions.

Furthermore, they have systematically failed.

So, one should ask: why is it that failed prognostics and unsuccessful policies are consistently maintained and reproduced as if they proved themselves in any conceivable way?

Tamiflu as a panacea

Next, bird flu begets Tamiflu® (oseltamivir phosphate), the commercially highly successful drug. And now, swine flu is being treated with Tamiflu, which earns billions of dollars in profits for Roche, the pharmaceutical giant that manufactures and markets the drug. But Roche is not the only company that benefits from Tamiflu's sales going up. The drug's rights are owned by Gilead. Former US Secretary of Defense Donald Rumsfeld served as Gilead's chairman, and he remained a substantial Gilead stakeholder even after he joined the Bush administration in 2001.⁹

It is surely not a crime to make some extra million

bucks from a drug that saves the Earth from monster viruses. The only problem is that while Tamiflu may be a huge commercial success, this does not necessarily make it a successful treatment against flu viruses.

Back in 2005, US Health and Human Services Secretary Mike Leavitt was commenting on Tamiflu's effectiveness against bird flu: "Tamiflu is effective, or at least partially effective. We don't know how effective it is

The only problem is that while Tamiflu may be a huge commercial success, this does not necessarily make it a successful treatment against a range of flu viruses.

against the virus."¹⁰

Some reports from health experts actually treating bird flu patients with Tamiflu were rather discouraging.

Despite the considerations about Tamiflu's effectiveness in dealing with bird flu, now we are using Tamiflu to deal with swine flu as if the drug were some kind of anti-flu panacea.

Drug-resistant viruses

It gets worse. Dr Anne Moscona, a professor of paediatrics, microbiology and immunology, has been warning us since 2005 about viral strains mutating and evading the drugs that target them—a phenomenon known as drug resistance.¹¹

"This scenario, however, is potentially dangerous. Misuse of the drug [Tamiflu] could rob us of the advantages that neuraminidase inhibitors provide, by favoring the emergence of oseltamivir-resistant influenza virus...

"It is therefore worrisome that personal stockpiling of oseltamivir is likely to lead to the use of insufficient doses or inadequate courses of therapy. Shortages during a pandemic would inspire sharing of personal

supplies, resulting in inadequate treatment. Such undertreatment is of particular concern in children—the main source for the dissemination of influenza within the community, since they usually have higher viral loads than adults and excrete infectious virus for longer periods. The habit of stopping treatment prematurely when symptoms resolve...could also lead to suboptimal treatment of influenza and promote the development of drug resistance.

"Could drug-resistant viruses then spread?...

"There have now been several reports that oseltamivir-resistant influenza A (H5N1) viruses with the H274Y mutation have been isolated from humans with avian influenza infection who were treated with oseltamivir. The cases described by de Jong et al. raise the worrisome prospect that even with therapeutic doses, oseltamivir resistance may develop during the course of illness and may affect clinical outcomes...

"Like any successful infectious agent, influenza virus will most likely evolve to evade any single drug. By targeting several points in the viral life cycle simultaneously with different drugs, we are more likely to discourage the emergence of viruses that can resist all drugs at once. But we currently rely solely on the neuraminidase inhibitors—and solely on oseltamivir [Tamiflu] in many situations..."

Dr Moscona, unlike the pandemic prognostics, has been proved absolutely right.

But by now it may be too late.

As reported in the *New York Times* (8 January 2009), 99 per cent of this season's dominant flu strains are by now resistant to Tamiflu. The astonishment of health expert Dr Kent Sepkowitz (Director of Infection Control at Memorial Sloan-Kettering Cancer Center in New York) at the extent of the phenomenon was such that he exclaimed: "It's quite shocking. We've never lost an antimicrobial this fast. It blew me away."¹²

This is not the end of the story, but the beginning of a new, horrifying, public health chapter.

Superbug gyms

The conditions of modern living make us highly susceptible to the development and spread of a pandemic. Dense urban populations and regular high-speed circulations between them are favourable pandemic factors.

However, these conditions are also met in the meat industry. An extensive global trade and the crowding of livestock so densely that we are never going to see its counterpart in even the most crowded of human cities are typical in this industry.

And it gets worse. Sixty to eighty per cent of the overall US antibiotics production is absorbed by the meat industry for non-therapeutic use, namely for growth purposes.¹³ That is, antibiotics are overused to make the animals grow bigger much faster, so the industry can get more meat from one animal. Perhaps that would be okay if bugs didn't have this nasty habit of developing drug resistance quickly and rendering the available antibiotics useless and us helpless.

It gets even worse. It has been shown that the meat industry-trained superbugs spread through air, water and soil.¹⁴ Before the WHO and the media proclaimed swine flu as a pandemic candidate, a peculiar outburst of respiratory disease troubled the Mexican village of La Gloria in mid-February 2009. Out of the 3,000 or so villagers, more than half of them were affected. Two infants died. Eyes turned in suspicion to a Smithfield Foods Inc. installation situated in Perote, 12 miles [~19 kilometres] from the village. Smithfield is the leading

pork producer in the world, and its environmental record is far from flawless. According to the *Guardian*, the Supreme Court in October 2000 upheld a \$12.6 million fine levied on the company by the US Environmental Protection Agency for polluting the Pagan River near Smithfield, Virginia.¹⁵

The Mexico City newspaper *La Jornada* fearlessly presented the Mexican public with its own explanation of the strange La Gloria disease: "According to state agents of the Mexican

"...the vector[s] of this outbreak are the clouds of flies that come out of the hog barns, and the waste lagoons into which the Mexican-US company spews tons of excrement."

social security institute, the vector[s] of this outbreak are the clouds of flies that come out of the hog barns, and the waste lagoons into which the Mexican-US company spews tons of excrement."¹⁶

This possible connection is far from well represented in the mass media, which choose the natural-born killer viruses theory over industry-created threats and pollutants including resistant, mutated micro-organisms. After all, viruses, though microscopic, are easier to target: they don't have lawyers to defend them or any political strings to pull.

The "industry is to blame" epidemic started to spread outside of Mexico. A Texas resident, Steven Trunnell, filed a wrongful-death petition on behalf of his late wife, Judy Rodriguez Trunnell, a teacher who was eight months' pregnant when admitted to hospital with swine flu on 19 April 2009 and who died on 5 May shortly after her baby was delivered through Caesarean section. Trunnell holds Smithfield Foods responsible for his wife's death, as he thinks that the conditions in its installations are capable of generating a serious public health threat. In the petition, filed on 11 May 2009,

Trunnell states that "there may be evidence which links the creation of the newest strain of the deadly swine flu...with Smithfield Foods' humongous pig farm operation in Mexico, which, under the joint control of Smithfield Foods, has been allowed to lapse into a breeding ground of immense unsanitary proportions for a deadly virus".¹⁷

There is sound scientific literature to support such an hypothesis. It has been there for quite some time, but no one until now has ever dared challenge the meat barons. This is the first legal action of its kind, and it may create a precedent capable of changing the face of modern civilisation and force us to face the real man-made threats instead of wasting billions of dollars in a senseless virus hunt. After all, small initiatives can bring about big changes. This is an age in which values have to be reinstituted. If life has value, then meat as a direct product of life should also possess nutritional, aesthetic, financial and "moral" value. We can no longer afford profit-mongering with what we eat. We can no longer afford cheap meat. In fact, we need pricey, valuable meat. It is, after all, part of what we are made of.

And no one wants to be considered as made of "crap".

It is time for the world to begin the "no cheap meat" campaign. ∞

About the Author:

Peter Arguriou studied medicine at the University of Athens Medical School but left disappointed with the mechanistic perceptions governing medicine. Later, he briefly studied classical homoeopathy at the Aegean University under Alternative Nobel Prize winner George Vithoulkas. He is a member of Hellenic MENSA. Arguriou writes for the Greek press and is the author of 10 books (fiction, science fiction, poetry—most of them still unpublished). His book *Bad Medicine: an eon of medical corruption* is due for publication in Greece in 2010. He is working on a book project involving alternative health experts from around the world, which is intended to be a practical survival guide in the modern medical wilderness and provide a philosophical background to a science that has become shallow. His article "The Placebo Effect: The Triumph of Mind Over Body" was published in NEXUS vol. 14, no. 4 in 2007.

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Endnotes

1. Tierney, John, "In '80s, Fear Spread Faster Than AIDS", *The New York Times*, June 15, 2001
2. Laurance, Jeremy, "Threat of world Aids pandemic among heterosexuals is over, report admits", *The Independent on Sunday*, 8 June 2008
3. Nadel, Laurie, "With Lobsters Scarce, Questions Abound", *The New York Times*, December 9, 2001
4. WHO, "Cumulative Number of Confirmed Human Cases of Avian Influenza A (H5N1) reported to WHO", 1 July 2009, http://www.who.int/csr/disease/avian_influenza/country/cases_table_2009_07_01/en/index.html
5. WHO, "Influenza", Fact Sheet No. 211, April 2009
6. Taubenberger, J.K. et al., "Characterization of the 1918 influenza virus polymerase genes", *Nature* 2005 Oct 6; 437:889-893; Tumpey, T.M. et al., "Characterization of the Reconstructed Spanish Influenza Pandemic Virus", *Science* 2005 Oct 7; 310:77-80
7. Gaydos, J.C. et al., "Swine Influenza A Outbreak, Fort Dix, New Jersey, 1976", *Emerging Infectious Diseases* 2006 Jan; 12(1):23-8
8. Freedman, D.A. and Stark, P.B., "The Swine Flu Vaccine and Guillain-Barré Syndrome: A Case Study in Relative Risk and Specific Causation", 15 August 1999, <http://www.stat.berkeley.edu/~census/546.pdf>
9. Schwartz, Nelson D., "Rumsfeld's growing stake in Tamiflu", *Fortune*, October 31, 2005
10. "Is the US Ready for an Avian Flu Pandemic?", interview with Mike Leavitt by Brit Hume on 1 November 1, 2005, Fox News, <http://origin.foxnews.com/story/0,2933,174316,00.html>
11. Moscona, Anne, "Oseltamivir Resistance – Disabling Our Influenza Defenses [Perspective]", *New England Journal of Medicine* 2005; 353(25):2633-36, <http://content.nejm.org/cgi/content/full/353/25/2633>
12. McNeil Jr, Donald G., "Major Flu Strain Found Resistant to Leading Drug, Puzzling Scientists", *The New York Times*, January 8, 2009, <http://www.nytimes.com/2009/01/09/health/09flu.html?ref=health>
13. Mellon, M. et al., *Hogging It!: Estimates of Antimicrobial Abuse in Livestock*, Union of Concerned Scientists Publications, Cambridge, MA, January 2001
14. Campagnolo, E.R. et al., "Antimicrobial residues in animal waste and water resources proximal to large-scale swine and poultry feeding operations", *Sci Total Environ* 2002; 299:89-95; Zahn, J.A. et al., "Evidence for transfer of tylosin and tylosin-resistant bacteria in air from swine production facilities using sub-therapeutic concentrations of tylan in feed" [Abstract], *J Anim Sci* 2001; 79:189; Chapin, A., "Airborne multidrug-resistant bacteria isolated from a concentrated swine feeding operation", *Environmental Health Perspectives*, February 1, 2005
15. Tuckman, J. and Booth, R., "Four-year-old could hold key in search for source of swine flu outbreak", *The Guardian*, 27 April 2009, <http://www.guardian.co.uk/world/2009/apr/27/swine-flu-search-outbreak-source>
16. *ibid.*
17. Shlian, Deborah, "Swine flu related lawsuit and updates", <http://www.examiner.com/x-9303-Miami-Health-Care-Examiner~y2009m5d20-Swine-flu-related-lawsuit-and-updates>

THE FINANCIAL NEW WORLD ORDER

Moves toward the establishment of a world government, along with a global central bank and a single currency, will result in a decline in democracy and a rise in authoritarianism.

Part 2 of 2

by Andrew G. Marshall

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Website:
<http://www.globalresearch.ca>

Renewed Calls for a Global Currency

On 16 March 2009, Itar-Tass reported that "Russia suggests the G20 summit in London in April should start establishing a system of managing the process of globalization and consider the possibility of creating a supra-national reserve currency or a 'super-reserve currency'...that will be issued by international financial institutions". Russia said that "[i]t looks expedient to reconsider the role of the IMF in that process and also to determine the possibility and need for taking measures that would allow for the SDRs (Special Drawing Rights) to become a super-reserve currency recognized by the world community".⁴⁰

On 23 March, the *Financial Times* reported that China's central bank "proposed replacing the US dollar as the international reserve currency with a new global system controlled by the International Monetary Fund". The goal would be for the world reserve currency to be "disconnected from individual nations" and be "able to remain stable in the long run, thus removing the inherent deficiencies caused by using credit-based national currencies". The chief China economist for HSBC stated: "This is a clear sign that China, as the largest holder of US dollar financial assets, is concerned about the potential inflationary risk of the US Federal Reserve printing money." According to the article, the Governor of the People's Bank of China, the central bank, "suggested expanding the role of special drawing rights, which were introduced by the IMF in 1969 to support the Bretton Woods fixed exchange rate regime but became less relevant once that collapsed in the 1970s". The report stated: "Today, the value of SDRs is based on a basket of four currencies—the US dollar, yen, euro and sterling—and they are used largely as a unit of account by the IMF and some other international organisations. China's proposal would expand the basket of currencies forming the basis of SDR valuation to all major economies and set up a settlement system between SDRs and other currencies so they could be used in international trade and financial transactions. Countries would entrust a portion of their SDR reserves to the IMF to manage collectively on their behalf and SDRs would gradually replace existing reserve currencies."⁴¹

On 25 March, Timothy Geithner, Treasury Secretary and former President of the Federal Reserve Bank of New York, spoke at the Council on Foreign Relations. When asked a question about his thoughts on the Chinese proposal for the global reserve currency, Geithner replied: "...I haven't read the governor's proposal. He's a remarkably—a very thoughtful, very careful, distinguished central banker. Generally [I] find him sensible on every issue. But as I understand his proposal, it's a proposal designed to increase the use of the IMF's special drawing rights. **And we're actually quite open to that suggestion.** But you should think of it as rather evolutionary, building on the current architectures, than...rather than moving us to global monetary union."⁴² (Emphasis added.)

On 29 March, it was reported that "[a] United Nations panel of economists has proposed a new global currency reserve that would take over the US dollar-based system used for decades by international banks" and that "[a]n independently administered reserve currency could operate without conflicts posed by the US dollar and keep commodity prices more stable".⁴³

An article in the *Economic Times* of 3 April stated: "The world is not yet ready for an international reserve currency, but is ready to begin the process of shifting to such a currency. Otherwise, it would remain too vulnerable to the hegemonic nation [as in the United States]".⁴⁴

Another article in the *Economic Times* of 3 April started by proclaiming that "the world certainly needs an international currency". Further, it stated: "With an unwillingness to accept dollars and the absence of an alternative, [the] international payments system can go into a freeze beyond the control of monetary authorities, leading the world economy into a Great Depression. In order to avoid such a calamity, the international community should immediately revive the idea of the Substitution Account mooted in 1971, under which official holders of dollars can deposit their unwanted dollars in a special account in the IMF with the values of deposits denominated in an international currency such as the SDR of the IMF".⁴⁵

Amidst fears of a falling dollar as a result of the increased open discussion of a new global currency, Bloomberg reporters wrote on 3 April: "The dollar's role as a reserve currency won't be threatened by a nine-fold expansion in the International Monetary Fund's unit of account, according to UBS AG, ING Groep NV and Citigroup Inc." This report followed the recent G20 meeting in London: "Group of 20 leaders yesterday [2 April] gave approval for the agency to raise \$250 billion by issuing Special Drawing Rights, or SDRs, the artificial currency that the IMF uses to settle accounts among its member nations. It also agreed to put another \$500 billion into the IMF's war chest."⁴⁶ In other words, the large global financial institutions came to the rhetorical rescue of the dollar so as not to precipitate a crisis in its current standing, so that they can continue with quietly forming a new global currency.

CREATING A WORLD CENTRAL BANK

In 1998, Jeffrey Garten wrote an article⁴⁷ for the *New York Times* of 23 September, advocating a "global Fed". Garten is a former Dean of the Yale School of Management and former Undersecretary of Commerce for International Trade in the Clinton administration.

He served on the White House Council on International Economic Policy under the Nixon administration and on the policy planning staffs of Secretaries of State Henry Kissinger and Cyrus Vance of the Ford and Carter administrations. He is a former Managing Director of Lehman Brothers and is a member of the Council on Foreign Relations. In his article, he stated: "...over time the United States set up crucial central institutions—the Securities and Exchange Commission (1933), the Federal Deposit Insurance Corporation (1934) and, most important, the Federal Reserve (1913). In so doing, America became a managed national economy. These organizations were created to make capitalism work, to prevent destructive business cycles and to moderate the harsh, invisible hand of Adam Smith."

He then explained: "This is what now must occur on a global scale. The world needs an institution that has a

...the large global financial institutions came to the rhetorical rescue of the dollar...so that they can continue with quietly forming a new global currency.

hand on the economic rudder when the seas become stormy. It needs a global central bank." He continued: "Simply trying to coordinate the world's powerful central banks—the Fed and the new European Central Bank, for instance—wouldn't work..."

"Effective collaboration among finance ministries and treasuries is also unlikely to materialize. These agencies are responsible to elected

legislatures, and politics in the industrial countries is more preoccupied with internal events than with international stability."

He then postulated: "An independent central bank with responsibility for maintaining global financial stability is the only way out. No one else can do what is needed: inject more money into the system to spur growth, reduce the sky-high debts of emerging markets, and oversee the operations of shaky financial institutions. A global central bank could provide more money to the world economy when it is rapidly losing steam..." Further, he said: "Such a bank would play an oversight role for banks and other financial institutions everywhere, providing some uniform standards for prudent lending in places like China and Mexico. [However,] [t]he regulation need not be heavy-handed..."

Garten continued: "There are two ways a global central bank could be financed. It could have lines of credit from all central banks, drawing on them in bad times and repaying when the markets turn up. Alternately—and admittedly more difficult to carry out—it could be financed by a very modest tariff on all trade, collected at the point of importation, or by a tax on certain global financial transactions."

Interestingly, Garten stated: "One thing that would not be acceptable would be for the bank to be at the

mercy of short-term-oriented legislatures." In essence, it is not to be accountable to the people of the world. So, he asked the question: "To whom would a global central bank be accountable?" He then answered: "It would have too much power to be governed only by technocrats, although it must be led by the best of them. One possibility would be to link the new bank to an enlarged Group of Seven—perhaps a 'G-15' [or, in today's context, the G20] that would include the G-7 plus rotating members like Mexico, Brazil, South Africa, Poland, India, China and South Korea."

He further stated that there would have to be "very close collaboration" between a global bank and the Fed. He added: "The global bank would not operate within the United States, and it would not be able to override the decisions of our central bank. But it could supply the missing international ingredient—emergency financing for cash-starved emerging markets. It wouldn't affect American mortgage rates, but it could help the profitability of American multinational companies by creating a healthier global environment for their businesses."

In 2008, Jeffrey Garten wrote an article⁴⁸, published in the *Financial Times* of 25 September, in which he stated: "Even if the US's massive financial rescue operation succeeds, it should be followed by something even more far-reaching—the establishment of a Global Monetary Authority [GMA] to oversee markets that have become borderless." He emphasised the "...need for a new Global Monetary Authority. It would set the tone for capital markets in a way that would not be viscerally opposed to a strong public oversight function with rules for intervention, and would return to capital formation the goal of economic growth and development rather than trading for its own sake."

Further, he stated: "A GMA would be a reinsurer or discounter for certain obligations held by central banks. It would scrutinise the regulatory activities of national authorities with more teeth than the IMF has and oversee the implementation of a limited number of global regulations. It would monitor global risks and establish an effective early warning system with more clout to sound alarms than the BIS has." Moreover, he said: "The biggest global financial companies would have to register with the GMA and be subject to its monitoring, or be blacklisted. That includes commercial companies and banks, but also sovereign wealth funds,

gigantic hedge funds and private equity firms." He recommended: "The GMA's board would have to include central bankers not just from the US, UK, the eurozone and Japan, but also China, Saudi Arabia and Brazil. It would be financed by mandatory contributions from every capable country and from insurance-type premiums from global financial companies—publicly listed, government owned, and privately held alike."

On 16 October 2008, Morgan Stanley CEO John Mack was reported as stating that "it may take continued international coordination to fully unlock the credit markets and resolve the financial crisis, perhaps even by forming a new global body to oversee the process".⁴⁹

In a *Newsweek* article⁵⁰ posted on 25 October 2008, Jeffrey Garten stated that "leaders should begin laying the groundwork for establishing a global central bank". He added: "There was a time when the US Federal Reserve played this role, as the prime financial institution of the world's most powerful economy, overseeing the one global currency. But with the growth of capital markets, the rise of currencies like the euro and the emergence of powerful players such as China, the shift of wealth to Asia and the Persian Gulf and, of course, the deep-seated problems in the American economy itself, the Fed no longer has the capability to lead singlehandedly."

He explained the criteria and operations of a world central bank, saying: "It could be the lead regulator of big global financial institutions, such as Citigroup or Deutsche Bank, whose activities spill across borders... It could act as a bankruptcy court when big global banks that operate in multiple countries need to be restructured. It could oversee not just the big commercial banks, such as Mitsubishi UFJ, but also the 'alternative' financial system that has developed in recent years, consisting of hedge funds, private-equity groups and sovereign wealth funds—all of which are now substantially unregulated." Further, it "could have influence over key exchange rates, and might lead a new monetary conference to realign the dollar and the yuan, for example, for one of its first missions would be to deal with the great financial imbalances that hang like a sword over the world economy".

He postulated: "A global central bank would not eliminate the need for the Federal Reserve or other national central banks, which will still have frontline responsibility for sound regulatory policies and

"Even if the US's massive financial rescue operation succeeds, it should be followed by something even more far-reaching—the establishment of a Global Monetary Authority..."

monetary stability in their respective countries. But it would have heavy influence over them when it comes to following policies that are compatible with global growth and financial stability. For example, it would work with key countries to better coordinate national stimulus programs when the world enters a recession, as is happening now, so that the cumulative impact of the various national efforts do not so dramatically overshoot that they plant the seeds for a crisis of global inflation. This is a big threat as government spending everywhere goes into overdrive."

On 10 January 2009, it was reported⁵¹ that "one clear solution to avoid a repeat of the problems would be the establishment of a 'global central bank'—with the IMF and World Bank being unable to prevent the financial meltdown". Dr William Overholt, a senior research fellow at Harvard's Kennedy School and formerly with the RAND Institute, said in an interview following a speech he gave at the Dubai School of Government: "To avoid another crisis, we need an ability to manage global liquidity. Theoretically that could be achieved through some kind of global central bank, or through the creation of a global currency, or through global acceptance of a set of rules with sanctions and a dispute settlement mechanism."

Guillermo Calvo, Professor of Economics, International and Public Affairs at Columbia University, wrote an article⁵² for VOX, published on 23 March 2009. Calvo is a former Chief Economist of the Inter-American Development Bank and a former Senior Advisor in the Research Department of the IMF. He is currently a Research Associate at the National Bureau of Economic Research (NBER) and President of the International Economic Association. Calvo wrote: "Credit availability is not ensured by stricter financial regulation. In fact, it can be counterproductive unless it is accompanied by the establishment of a lender of last resort (LOLR) that radically softens the severity of financial crisis by providing timely credit lines. With that aim in mind, the 20th century saw the creation of *national* or *regional* central banks in charge of a subset of the capital market. It has now become apparent that the realm of existing central banks is very limited and the world has no institution that fulfils the necessary global role. The IMF is moving in that direction, but it is still too small and too limited to adequately do so."

The first proposal Calvo would like to make is "that the topic of financial regulation should be discussed *together* with the issue of a global lender of last resort". Further, he proposed that "international financial institutions must be quickly endowed with considerably

more firepower to help emerging economies through the deleveraging period".

A "NEW WORLD ORDER" IN BANKING

Following the collapse of Bear Stearns, a Reuters report of 17 March 2008 commented on a document released by research firm CreditSights, saying that "[f]inancial firms face a 'new world order'" and that "[m]ore industry consolidation and acquisitions may follow after JPMorgan Chase & Co. ... said it was buying Bear Stearns..." Further, Reuters reported: "In the event of future consolidation, potential acquirers identified by CreditSights include JPMorganChase, Wells Fargo, US Bancorp, Goldman Sachs and Bank of America..."⁵³

On 9 June 2008, Timothy Geithner, as head of the Federal Reserve Bank of New York (before he was appointed Treasury Secretary in the Obama administration), wrote an article for the *Financial Times* following his attendance at the 2008 Bilderberg Conference. Ahead of publication, it was reported⁵⁴ that "[b]anks and investment banks whose health is crucial to the global financial system should operate under a unified regulatory framework". He also wrote that the US Federal Reserve should play a "central role" in this new regulatory framework, working closely with supervisors in the US and around the world.

On 6 November 2008, *The National*, a prominent United Arab Emirates newspaper, reported on Baron David de Rothschild's travelling with UK Prime Minister Gordon Brown on a visit to the Middle East, although not as "part of the official party" accompanying Brown. The report stated: "Baron Rothschild shares most people's view that there is a new world order. In his opinion, banks will deleverage and there will be a new form of global governance."⁵⁵

On 24 February 2009, the *Times Online* ran an opinion piece with the headline "New world order in banking necessary...". The article, by Michael Lafferty, chairman of the International Retail Banking Council, stated that "[i]t is increasingly evident that the world needs a new banking system and that it should not bear much resemblance to the one that has failed so spectacularly".⁵⁶

But, of course, the ones that are shaping this new banking system are the champions of the previous banking system. The solutions that will follow are simply the extensions of the current system, only sped up through the necessity posed by the current crisis.

AN EMERGING GLOBAL GOVERNMENT

An article in the *Financial Post* of 2 April 2009 stated:

The solutions that will follow are simply the extensions of the current system, only sped up through the necessity posed by the current crisis.

"The danger in the present course is that if the world moves to a 'super sovereign' reserve currency engineered by experts, such as the 'UN Commission of Experts' led by Nobel laureate economist Joseph Stiglitz, we would give up the possibility of a spontaneous money order and financial harmony for a centrally planned order and the politicization of money. Such a regime change would endanger not only the future value of money but, more importantly, our freedom and prosperity."⁵⁷

A columnist writing in the *Toronto Star* of 3 April stated: "An uncomfortable characteristic of the new world order may well turn out to be that global income gaps will widen because the rising powers, such as China, India and Brazil, regard those below them on the ladder as potential rivals..." The author further stated: "The new world order thus won't necessarily be any better than the old one... What is certain, though, is that global affairs are going to be considerably different from now on."⁵⁸

On 1 April, Robert Zoellick, President of the World Bank, was reported as saying: "If leaders are serious about creating new global responsibilities or governance, let them start by modernising multilateralism to empower the WTO, the IMF, and the World Bank Group to monitor national policies."⁵⁹

David Rothkopf, a scholar at the Carnegie Endowment for International Peace, a member of the Council on Foreign Relations, former Deputy Undersecretary of Commerce for International Trade in the Clinton administration and a former managing director of Kissinger Associates, Inc., recently wrote a book titled *Superclass: The Global Power Elite and the World They are Making*—of which he is certainly a member. When discussing the role and agenda of the global "superclass", he stated that "[i]n a world of global movements and threats that don't present their passports at national borders, it is no longer possible for a nation-state acting alone to fulfill its portion of the social contract".⁶⁰

He continued: "...even the international organizations and alliances we have today, flawed as they are, would have seemed impossible until recently, notably the success of the European Union—a unitary democratic state the size of India. The evolution and achievements of such entities against all odds suggest not isolated instances but an overall trend in the direction of what Tennyson called 'the Parliament of Man', or 'universal law'." He stated that he is "optimistic that progress will

continue to be made", but it will be difficult because it "undercuts many national and local power structures and cultural concepts that have foundations deep in the bedrock of human civilization, namely the notion of sovereignty".⁶¹

He further wrote that "[m]echanisms of global governance are more achievable in today's environment" and that these mechanisms "are often creative with temporary solutions to urgent problems that cannot wait for the world to embrace a bigger and more controversial idea like real global government".⁶²

On 8 December 2008, the *Financial Times* ran an article⁶³ by Gideon Rachman, a past Bilderberg attendee. He wrote: "[F]or the first time in my life, I think the formation of some sort of world government is

plausible." He continued: "A 'world government' would involve much more than co-operation between nations. It would be an entity with state-like characteristics, backed by a body of laws. The European Union has already set up a continental government for 27 countries, which could be a model. The EU has a supreme court, a currency, thousands of pages of law, a large civil service and the ability to deploy military force."

Rachman then asked if the European model could "go global", and said

there are three reasons for thinking that may be the case. First, he stated that "it is increasingly clear that the most difficult issues facing national governments are international in nature: there is global warming, a global financial crisis and a 'global war on terror'". Second, he stated that "[i]t could be done", largely as a result of the transport and communications revolutions having "shrunk the world". Third,

this is made possible through an awakening "change in the political atmosphere" as "[t]he financial crisis and climate change are pushing national governments towards global solutions, even in countries such as China and the US that are traditionally fierce guardians of national sovereignty".

He quoted Jacques Attali, an adviser to the President of France, Nicolas Sarkozy, as saying that "[g]lobal governance is just a euphemism for global government" and that the "core of the international financial crisis is that we have global financial markets and no global rule of law". However, Rachman stated that "any push for 'global governance'...will be a painful, slow process". He then stated that a key problem in this push can be explained with an example from the European Union,

"A 'world government' would involve much more than co-operation between nations. It would be an entity with state-like characteristics, backed by a body of laws."

which "has suffered a series of humiliating defeats in referendums, when plans for 'ever closer union' have been referred to the voters". He went on to say: "In general, the Union has progressed fastest when far-reaching deals have been agreed by technocrats and politicians—and then pushed through without direct reference to the voters. ***International governance tends to be effective, only when it is anti-democratic.***" (Emphasis added.)

In November 2008, the US National Intelligence Council (NIC), the US intelligence community's "center for mid-term and long-term strategic thinking", released a report⁶⁴ that it produced in collaboration with numerous think-tanks, consulting firms, academic institutions and hundreds of other experts, among them the Atlantic Council of the United States, the Wilson Center, the RAND Corporation, the Brookings Institution, the American Enterprise Institute, Texas A&M University, the Council on Foreign Relations and Chatham House in London. The report, titled "Global Trends 2025: A Transformed World", outlines the current global political and economic trends that the world may be going through by the year 2025. In terms of the financial crisis, it states that solving this "will require long-term efforts to establish a new international system".⁶⁵ It suggests that as the "China model" for development becomes increasingly attractive, there may be a decline in democratisation for emerging economies, "underperforming authoritarian regimes" and "weak democracies frustrated by years of economic underperformance". Further, the dollar will cease to be the global reserve currency, as there will likely be a "move away from the dollar".⁶⁶

It states that the dollar will become "something of a first among equals in a basket of currencies by 2025" and that "[t]his could occur suddenly in the wake of a crisis, or gradually with global rebalancing."⁶⁷ The report elaborates on the construction of a new international system, stating: "By 2025, nation-states will no longer be the only—and often not the most important—actors on the world stage and the 'international system' will have morphed to accommodate the new reality. But the transformation will be incomplete and uneven." Further, "...we are unlikely to see an overarching, comprehensive, unitary approach to global governance. Current trends suggest that global governance in 2025 will be a patchwork of overlapping, often ad hoc and fragmented efforts, with shifting coalitions of member nations, international organizations, social movements, NGOs, philanthropic foundations, and companies." It also

notes: "Most of the pressing transnational problems—including climate change, regulation of globalized financial markets, migration, failing states, crime networks, etc.—are unlikely to be effectively resolved by the actions of individual nation-states. The need for effective global governance will increase faster than existing mechanisms can respond."⁶⁸

The report discusses the topic of regionalism, stating: "Greater Asian integration, if it occurs, could fill the vacuum left by a weakening multilaterally based international order but could also further undermine that order. In the aftermath of the 1997 Asian financial crisis, a remarkable series of pan-Asian ventures—the most significant being ASEAN + 3—began to take root. Although few would argue that an Asian counterpart to the EU is a likely outcome even by 2025, if 1997 is taken as a starting point, Asia arguably has evolved more rapidly over the last decade than the European integration did in its first decade(s)." It further states that "movement over the next 15 years toward an Asian

basket of currencies—if not an Asian currency unit as a third reserve—is more than a theoretical possibility". It elaborates that "Asian regionalism would have global implications, possibly sparking or reinforcing a trend toward three trade and financial clusters that could become quasi-blocs (North America, Europe, and East Asia)". These blocs "would have implications for the ability to achieve future

"Most of the pressing transnational problems... are unlikely to be effectively resolved by the actions of individual nation-states."

global World Trade Organization agreements and regional clusters could compete in the setting of trans-regional product standards for IT, biotech, nanotech, intellectual property rights, and other 'new economy' products".⁶⁹

Of great importance to address, and reflecting similar assumptions made by Rachman in his article advocating for a world government, is the topic of democratisation. The report says that "advances are likely to slow and globalization will subject many recently democratized countries to increasing social and economic pressures that could undermine liberal institutions". This is largely because "the better economic performance of many authoritarian governments could sow doubts among some about democracy as the best form of government". The report's authors state: "The surveys we consulted indicated that many East Asians put greater emphasis on good management, including increasing standards of livings [sic], than democracy." Further, the report says that "even in many well-established democracies, surveys show growing

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THE COMMUNITY CURRENCY MOVEMENT

Local currency and barter systems are on the rise around the world in response to global economic forces and the desire to bring communities together, enhance skills, sell goods and services and stimulate productivity.

by Ellen Hodgson Brown, JD
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from chapter 36 of her book
The Web of Debt
(Third Millennium Press,
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Website:
<http://www.webofdebt.com>

SIDESTEPPING THE DEBT WEB WITH "PARALLEL" CURRENCIES

It is as ridiculous for a nation to say to its citizens, "You must consume less because we are short of money," as it would be for an airline to say, "Our planes are flying, but we cannot take you because we are short of tickets."

— Sheldon Emry, *Billions for the Bankers, Debts for the People*

Money is a token representing value. A monetary system is a contractual agreement among a group of people to accept those tokens at an agreed-upon value in trade. The ideal group for this contractual agreement is the larger community called a nation, but, if that larger group can't be brought to the task, any smaller group can enter into an agreement, get together and trade.

Historically, community currencies have arisen spontaneously when national currencies were scarce or unobtainable. When the German mark became worthless during the Weimar hyperinflation of the 1920s, many German cities began issuing their own currencies. Hundreds of communities in the United States, Canada and Europe did the same thing during the Great Depression, when unemployment was so high that people had trouble acquiring dollars. People lacked money but had skills, and there was plenty of work to be done. Complementary local currencies quietly coexisted along with official government money, increasing liquidity and facilitating trade. Like the mediaeval tallies, these currencies were simply credits attesting that goods or services had been received, entitling the bearer to trade the credit for an equivalent value in goods or services in the local market.

Community currencies now operate legally in more than 35 countries, and there are over 4,000 local exchange programs worldwide. Local or private exchange systems come in a variety of forms. Besides private gold and silver exchanges, they include local paper money, computerised systems of credits and debits, systems for bartering labour, and systems for trading local agricultural products. What distinguishes them from most national currencies is that they are not created as a debt to private banks, and they don't get siphoned off from the community to distant banks in the form of interest. They stay in town, stimulating local productivity.

Local currencies can "prime the pump" with new money, funding local projects without adding to the community debt. Many governments actively support them, and others give unofficial support. Experience shows that these additions to the money supply strengthen rather than threaten national financial stability.

Besides their monetary functions, local exchange systems have served to bring communities together, funding cooperative businesses where members can sell goods, new skills can be learned and public markets can be held.

Creative Responses to Disaster: The Example of Argentina

In 1995, Argentina went bankrupt. The government had adopted all the policies mandated by the International Monetary Fund, including "privatisation" (the sale of public assets to private corporations) and pegging the Argentine peso to the US dollar. The result was an overvalued peso, massive economic contraction and collapse of the financial system. People rushed to their banks to withdraw their life savings, only to be told that their banks had permanently closed.

Lawns soon turned into vegetable gardens, and local systems sprang up for bartering goods. One environmental group held a massive yard sale, where people brought what they had to sell and received tickets representing money in exchange. The tickets were then used to barter the purchase of other goods. This system of paper receipts for goods and services developed into the Global Exchange Network (*Red Global de Trueque* or RGT), which went on to become the largest national community currency network in the world. The model spread throughout Central and South America, growing to seven million members and a circulation valued at millions of US dollars per year.

Other financial innovations were devised in Argentina at the local provincial government level. Provinces short of the national currency resorted to issuing their own. They paid their employees with paper receipts called "Debt-Cancelling Bonds" that were in currency units equivalent to the Argentine peso. These could be called "negotiable bonds" (bonds that are legally transferrable and negotiable as currency), except that they did not pay interest. They were closer to the "non-interest-bearing bonds" proposed by Jacob Coxey in the 1890s for funding state and local projects. The bonds cancelled the provinces' debts to their employees and could be spent in the community. The Argentine provinces had actually "monetised" their debts, turning their bonds or IOUs into legal tender.¹

Studies showed that in provinces in which the national money supply was supplemented with local currencies, prices not only did not rise but actually declined compared to other Argentine provinces. Local exchange systems allowed goods and services to be traded that would not otherwise have been on the market, causing supply and demand to increase together. The system had some flaws, including the lack of adequate controls against counterfeiting, which allowed large amounts of inventory to be stolen with

counterfeit scrip. By the summer of 2002, the RGT had shrunk to 70,000 members; but it still remains a remarkable testament to what can be done at a grassroots level when neighbours get together to trade with their own locally grown currency.

Alternative Paper Currencies in the United States

More than 30 local paper currencies are now available in North America. One that has been particularly successful is the "Ithaca HOUR", originated by Paul Glover in Ithaca, New York. The HOUR is paper scrip that reads on the back:

This is money. This note entitles the bearer to receive one hour of labour or its negotiated value in goods and services. Please accept it, then spend it. Ithaca HOURS stimulate local business by recycling our wealth locally, and they help fund new job creation. Ithaca HOURS are backed by real capital: our skills, our muscles, our tools, forests, fields and rivers.

Provinces short of the national currency resorted to issuing their own. They paid their employees with paper receipts called "Debt-Cancelling Bonds"...

One Ithaca HOUR is considered to be the equivalent of 10 dollars, the average hourly wage in the area. More highly skilled services are negotiated in multiples of HOURS. A directory is published every couple of months that lists the goods and services people in the community are willing to trade for HOURS, and there is

an HOUR bank. People can use HOURS to pay rent, shop at the farmers' market or buy furniture. The local hospital accepts them for medical care. Several million Ithaca HOURS' worth of transactions have occurred since 1991. A Hometown Money Starter Kit is available for US\$25 or 2½ HOURS from Ithaca MONEY, Box 6578, Ithaca, New York 14851, USA.

Another successful credit program was originated by Edgar Cahn, a professor of law at the University of the District of Columbia, to help deal with inadequate government social programs. Like Glover, Cahn set out to create a new kind of money that was independent of both government and banks, one that could be created by people themselves. The unit of exchange in his system, called a "Time Dollar", parallels the Ithaca HOUR in being valued in man-hours. In a landmark ruling, the Internal Revenue Service held that Cahn's service plan was not "barter" in the commercial sense and was therefore tax-exempt. The ruling helped the program to spread quickly around the country. Cahn notes that social as well as economic benefits have resulted from this sort of program:

[T]he very process of earning credits knits groups together... They begin having pot-luck lunches; and they begin forming neighbourhood crime watch things, and they begin looking

after each other and checking in; and they begin to set up food bank coops. [The process] seems to act as a catalyst for the creation of group cohesion in a society where that kind of catalyst is difficult to find.²

Local scrip has also been used to tide farmers over until harvest. "Berkshire Farm Preserve Notes" were printed by a farmer when a bank in rural Massachusetts refused to lend him the money he needed to make it through the winter. Customers would buy the notes for \$9 in the winter and could redeem them for \$10 worth of vegetables in the summer. With small family farms rapidly disappearing, local currencies of this type are a way for the community to help farm families that have been abandoned by the centralised monetary system. Private currencies provide the tools to bind communities together, support local food growers and maintain food supplies.³

Bernard Lietaer, author of *The Future of Money*, describes other private currency innovations, including a system devised in Japan for providing for elderly care that isn't covered by national health insurance. People help out the elderly in return for "caring relationship tickets" that are put into a savings account. They can then be used when the account holder becomes disabled, or can be sent electronically to elderly relatives living far away, where someone else will administer care in return for credits. Another interesting model is found in Bali, where communities have a dual money system. Besides the national currency, the Balinese use a local currency in which the unit of account is a block of time of about three hours. The local currency is used when the community launches a local project, such as putting on a festival or building a school. The villagers don't have to compete with the outside world to generate this currency, which can be used to accomplish things for which they would not otherwise have had the funds.⁴

The Frequent Flyer Model: Supplemental Credit Systems

Another innovation that has served to expand the medium of exchange is the development of corporate credits such as airline frequent flyer miles [or points], which can now be "earned" and "spent" in a variety of ways besides simply flying on the issuing airline. In

some places, frequent flyer miles can be spent for groceries, telephone calls, taxis, restaurants and hotels. Lietaer proposes extending this model to local governments, to achieve community ends without the need to tax or vote special appropriations. For example, a system of "carbon credits" could reward consumers for taking measures that reduce carbon emissions. The credits would be accepted as partial payment for other purchases that serve to reduce carbon emissions, producing a snowball effect, and businesses accepting the credits could use them to pay local taxes.⁵

Like the tally system of mediaeval England, it is just an accounting scheme tallying credits in and debits out. LETS credits cannot become scarce any more than inches can become scarce.

Parallel Electronic Currencies: Local Exchange Trading Systems (LETS)

Alternative currency systems got a major boost with the advent of computers. No longer must private coins be minted or private bills be printed. Trades can now be done electronically.

The first electronic currency system was devised after IBM released its XT computer to the public in 1981. Canadian computer expert Michael Linton built an accounting database, and in 1982 he introduced the Local

Exchange Trading System (LETS), a computerised system for recording transactions and keeping accounts.

Like Cotton Mather more than two centuries earlier, Linton had redefined money. In his scheme, it was merely "an information system for recording human effort". A LETS credit comes into existence when a member borrows the community's credit to purchase goods or services. The credit is

extinguished when the member gives goods or services back to the community in satisfaction of his obligation to repay the credits. The exchange operates without any form of "backing" or "reserves".

Like the tally system of mediaeval England, it is just an accounting scheme tallying credits in and debits out. LETS credits cannot become scarce any more than inches can become scarce. They are tax-free and interest-free. They can be stored on a computer without even printing a paper copy. They are simply information. There are now at least 800 Local Exchange Trading Systems in Europe, New Zealand and Australia. They are less popular in the United States, but community currency advocate Tom Greco feels they will become more popular as conventional economies continue to decline and more people become "marginalized".

On his website, "Travel Without Money", Australian enthusiast James Taris tells of his personal experiences with LETS. At a time when he had quit his job and was watching his money carefully, he attended a LETS group meeting in his local community, where he learned that he could obtain a variety of services just for contributing an equivalent amount of his time. The result was the first and best professional massage he had ever had, a luxury for which he could not justify paying \$60 cash when he was gainfully employed. He "paid" for this and other services by learning various Internet and desktop publishing skills and contributing those skills to the group, something he quite enjoyed. He has been demonstrating the potential of the system by travelling around the world with very little conventional money.⁶

Friendly Favors is a LETS-type computerised exchange system that has grown beyond the local community into a worldwide database of over 12,000 members. The system tracks the exchange of "Thankyou's", a unit of measure considered to be the equivalent of one dollar saved due to a friendly discount or favour received. The database also stores the photos, résumés, talents, interests and community-building skills of participants. Developed by Sergio Lub and Victor Grey of Walnut Creek, California, www.favors.org is a non-commercial service "to interconnect those envisioning a world that works for all". Unlike most LETS schemes, which have evolved among people short of money looking for alternative ways to trade, the Friendly Favors membership includes people who are financially well off and highly credentialed, people who are particularly interested in the human resources potential of the system. As of May 2004, the Friendly Favors membership was spread over more than 100 countries and its database was shared by over 200 groups with a collective membership of over 42,000 [now 56,502 participants in 189 countries; Ed.], making it potentially the largest source of human resources available on the Internet.

A number of good Internet sites are devoted to the community currency concept, including ithacahours.com, madisonhours.org, Carol Brouillet's site at communitycurrency.org, and the *International Journal of Community Currency Research* at uea.ac.uk/env/ijccr/. For a general discussion of alternative money proposals, see Tom Greco's Monetary Education Project at

reinventingmoney.com. The definitive source for LETS information is Landsman Community Services Ltd, 1600 Embleton Crescent, Courtenay, British Columbia, Canada V9N 6N8, telephone +1 (250) 338 0213.

Limitations of Local Currency Systems

Local exchange systems demonstrate that "money" need not be something that is scarce or for which people have to compete. Money is simply credit. As Benjamin Franklin observed, credit turns prosperity tomorrow into ready money today. Credit can be had without gold, banks, governments or even printing presses. It can all be done on a computer.

The concept is good, but there are some practical limitations to the LETS model and other community currency systems as currently practised. One is that the usual incentives for repayment are lacking. Interest is not charged, and there may be no time limit for repayment. If you have ever lent money to a relative, you know the problem. Debts can go unpaid indefinitely. You can lean on your relatives because you know where to find them; but in the anonymity of a city or a nation, borrowers on the honour system can just disappear into the night. Some alternatives for keeping community members honest have been suggested by Tom Greco, who writes:

[T]here is always the possibility that a participant may choose to not honor his/her commitment, opting out of the system and refusing to deliver value equivalent to that received. There are three possible

ways, which occur to me, of handling that risk.

The first possibility is to use a "funded" exchange in which each participant surrenders or pledges particular assets as security against his/her commitment... A second possibility is to maintain an "insurance" pool, funded by fees levied on all transactions, to cover any possible losses. A third possibility...is reliance upon group co-responsibility, i.e., having each participant within an affinity group bear responsibility for the debits of the others.⁷

Those are possibilities, but they are not so practical or efficient as the contractual agreements used today, with interest charges and late penalties enforceable in court. Contracts to repay can be legally enforced by foreclosing on collateral, garnishing wages and applying other remedies for breach of contract, with or without interest provisions. But interest penalties make borrowers more

A more serious limitation of private "supplemental" currencies is that they fail to deal with the mammoth debt spider that is sucking the lifeblood from the national economy.

inclined to be prudent in their borrowing and to pay their debts promptly. Eliminating interest from the money system would eliminate the incentive for private lenders to lend and would encourage speculation. If credit were made available without time limits or interest charges, people might simply borrow all the free money they could get, then compete to purchase bonds, stocks and other income-producing assets with it, generating speculative asset bubbles. Imposing a significant cost on borrowing deters this sort of rampant speculation.

In Moslem communities, interest is avoided because usury is forbidden in the Koran. To avoid infringing religious law, Islamic lawyers have gone to great lengths to design contracts that avoid interest charges. The most common alternative is a contract in which the banker buys the property and sells it to the client at a higher price, to be paid in instalments over time. The effect, however, is the same as charging interest: more money is owed back if the sum is paid over time than if it had been paid immediately.

In large western metropolises, where mobility is high and religion is not a pervasive factor, interest is considered a reasonable charge acknowledging the time value of money. The objection of Greco and others to charging interest turns on the "impossible contract" problem—finding principal and interest to pay back loans in a monetary scheme in which only the principal is put into the money supply—but that problem can be resolved in other ways. A proposal for retaining the benefits of the interest system while avoiding the "impossible contract" problem is explored in chapter 42 of my book. A proposal for interest-free lending that might work is also described in that chapter.

A more serious limitation of private "supplemental" currencies is that they fail to deal with the mammoth debt spider that is sucking the lifeblood from the national economy. "Supplemental" currencies all assume a national currency that is being supplemented.

Taxes must still be paid in the national currency, and so must bills for telephone service, energy, gasoline and anything else that isn't made by someone in the local currency group. That means community members must still belong to the national money system. As Stephen Zarlenga observes in *The Lost Science of Money*:

[S]uch local currencies **do not stop the continued mismanagement of the money system at the national level**—they can't stop the continued dispensation of monetary injustice from above through the privately owned and controlled Federal Reserve money system. **Ending that injustice should be our monetary priority** [emphasis added].⁸

The *national* money problem can be solved only by reforming the *national* currency. And that brings us back to the "money question" of the 1890s: greenbacks or gold? ∞

**In Moslem communities,
interest is avoided
because usury is
forbidden in the Koran.**

About the Author:

Ellen Hodgson Brown, JD, developed her research skills as an attorney practising civil litigation in Los Angeles. Her interest in the developing world and its problems

was sparked while living abroad for 11 years in Kenya, Honduras, Guatemala and Nicaragua. She returned to practising law when she joined the legal team of a popular Tijuana healer with an innovative cancer therapy who was targeted by the chemotherapy industry in the 1990s. That experience resulted in her book *Forbidden Medicine* (1998), which traces the suppression of natural health treatments to the same corrupting influences that have captured the money system. Her book *The Web of Debt: The Shocking Truth About Our Money System and How We Can Break Free* (Third Millennium Press, Baton Rouge, 2007; expanded and updated third edition, 2008; ISBN 978-0-9795608-2-8) was reviewed in NEXUS, vol. 14, no. 6. She is the author or co-author of 10 other books and numerous articles.

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Endnotes

1. DeMeulenaere, Stephen, "A Pictorial History of Community Currency Systems", 2000, available at <http://tinyurl.com/mj6o9p>
2. Greco, Jr, Thomas, *New Money for Healthy Communities*, Tucson, Arizona, 1994, pp. 17-21, quoting "A Public Service Economy: An Interview with Edgar S. Cahn", *Multinational Monitor*, April 1989, available at <http://tinyurl.com/nopkuf>
3. *ibid.*
4. Dykema, Ravi, "Complementary Currencies for Social

Change: An Interview with Bernard Lietaer", *Nexus* (Colorado's Holistic Journal), July/August 2003, available at <http://tinyurl.com/nopkuf>

5. Johnston, David and Bernard Lietaer, "ECO2 Carbon Credit Card Project" (Draft Proposal), 31 January 2007

6. Taris, James, "Travel Without Money", <http://www.TravelWithoutMoney.com>

7. Greco, Jr, Thomas, *Money and Debt: A Solution to the Global Debt Crisis*, Tucson, Arizona, 1990, p. 42

8. Zarlenga, Stephen, *The Lost Science of Money*, American Monetary Institute, Valatie, New York, 2002, p. 660



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BACTERIA IN STROKE AND HEART DISEASE

Increasingly the evidence is emerging that ubiquitous bacteria have a causative action in a range of chronic illnesses including heart and muscular diseases as well as stroke, yet most physicians have not yet made this connection.

by Alan Cantwell, MD
© June 2009

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Reflections on the "cure" of a paralysed stroke victim

On 5 June 2009, the UK *Times* Online reported the details of the miraculous "cure" of Russell McPhee, a 49-year-old Australian man who had a devastating stroke and was paralysed for more than two decades. After multiple injections of Botox into his spastic muscles, he was able to walk again.

Before its well-known use on wrinkles, Botox was used for stroke victims to counteract their muscles spasms. However, it is most unusual to get such a positive response after so many years, as in McPhee's case. Interestingly, Botox is botulinum toxin, a neurotoxic protein produced by the bacterium *Clostridium botulinum*. It is the most toxic protein known. The intense forced relaxation of McPhee's contracted muscles (along with physical therapy) was the key to initiating his "cure".

Professor John Oliver, one of Australia's top stroke experts, was quoted in the report: "We use botulinum toxin routinely for patients with spasticity which has been caused by stroke, brain damage or heart disease. But we use it very early on, usually within weeks of a stroke, to prevent the spasticity from becoming a problem. Sometimes the spasticity is so severe we inject those muscles with botulinum toxin which relaxes the muscles enough to allow a physiotherapist to strengthen and stretch them. It is unfortunate that this patient had to wait for 20 years and extremely unusual that his treatment was so successful after being immobile for so long. But he's very fortunate that his muscles are strong enough to allow him to be able to walk."

During my many years of research investigating the role of bacteria as possible agents in certain chronic diseases and in cancer, I was curious as to whether similar bacteria might play a role in heart disease and stroke or in chronic muscle disease.

There are a few reasons to suspect bacteria in these conditions. First, there is increasing evidence that bacteria (and viruses) may play a heretofore unrecognised role in chronic illness. Second, there is evidence that the blood of both healthy and ill people contain bacteria. And third, there is an intimate connection between stroke, heart disease and chronic hypertension (high blood pressure).

Bacteria and chronic muscle disease

By Googling "bacteria + muscle disease", one can easily review the evidence for bacteria (particularly pleomorphic cell-wall-deficient bacteria and mycoplasma) in certain chronic diseases in which muscular weaknesses, arthritic symptoms and fibrotic changes take place over time. These diseases include rheumatoid arthritis, Lyme disease, chronic fatigue syndrome and others. Some patients with chronic diseases appear to be helped by long-term antibiotic therapy.

Years ago, my autopsy research into the "acid-fast bacteria" discovered in systemic scleroderma convinced me that these microbes are implicated in the muscle, cardiac and kidney abnormalities that accompany the hardening and thickening of the skin in fatal cases. Figure 1 shows tiny, round, granular, coccoid-appearing bacteria in the deep portion of the skin in scleroderma. (For more details, Google "Alan Cantwell + scleroderma".)

Bacteria and the blood

Recent research, based on molecular biology, indicates that 90 per cent of the cells of the human body are bacteria cells! Despite this amazing new discovery, most physicians do not believe that bacteria are involved in any way with the major diseases (heart disease, stroke, cancer) that kill most of us. In addition, most physicians still believe that healthy blood is sterile; that is, free of bacteria.

During the 1970s, Guido Tedeschi and his colleagues at the University of Camerino in Italy showed that human blood is universally infected with staphylococcus-like and streptococcus-like bacteria.

In 1977, Domingue and Schlegel confirmed "the existence of a novel bacteriologic system" in the blood. They cultured staphylococcus-like bacteria and filamentous cocco-bacillary forms from 71 per cent of the blood specimens of ill patients and from seven per cent of supposedly healthy people. These pleomorphic (varying in size and shape) bacteria grew out of round

complex "dense bodies" and developed into "ordinary bacteria". The authors concluded: "These organisms may represent an adaptation of certain bacteria to life in the blood." (Their full report, which contains full-screen pictures of the bacteria grown from human blood, is online at <http://tinyurl.com/ksrvqd>)

In the 1990s, microbiologists Phyllis E. Pease and Janice Tallak termed these blood bacteria as "the human bacterial endoparasite". Finnish researcher Kajander and colleagues described them as "novel bacteria-like particles" which are staphylococcus-like. These tiny

bacterial forms, like viruses, are able to pass through bacterial filters and are exceedingly difficult to culture. The Finnish team called them "nanobacteria" and proposed a tentative name for the novel agent: *Nanobacterium sanguineum*.

In 2002, McLaughlin and colleagues presented a study entitled "Are there naturally occurring pleomorphic bacteria in the blood of healthy humans?" The researchers were surprised to discover bacteria in the blood, "since it is generally acknowledged that the blood stream in healthy humans is a sterile environment, except when there is a breach in the integrity of the tissue membranes". (More details on blood bacteria can be found in my article "All Human Blood is Infected with Bacteria", posted on the Internet.)

In addition, these blood bacteria studies confirm the findings of Günther Enderlein (1872–1968), Wilhelm Reich (1897–1957), Royal Raymond Rife (1888–1971), Virginia Livingston (1906–1990), Gaston Naessens (1924–) and others, whose research can be easily Googled.

Bacteria and hypertension

Because cryptic bacterial infection of the blood is not accepted by most scientists, there have been no studies correlating infection with hypertension. However, a recently published report (16 May 2009) suggests that high blood pressure could be caused by infection with a common virus, known as cytomegalovirus (CMV), affecting between 60 and 99 per cent of adults worldwide (see <http://tinyurl.com/oekqgc>). This new study brought together a team of researchers from a variety of disciplines—infectious

Despite this amazing new discovery, most physicians do not believe that bacteria are involved in any way with the major diseases... that kill most of us.

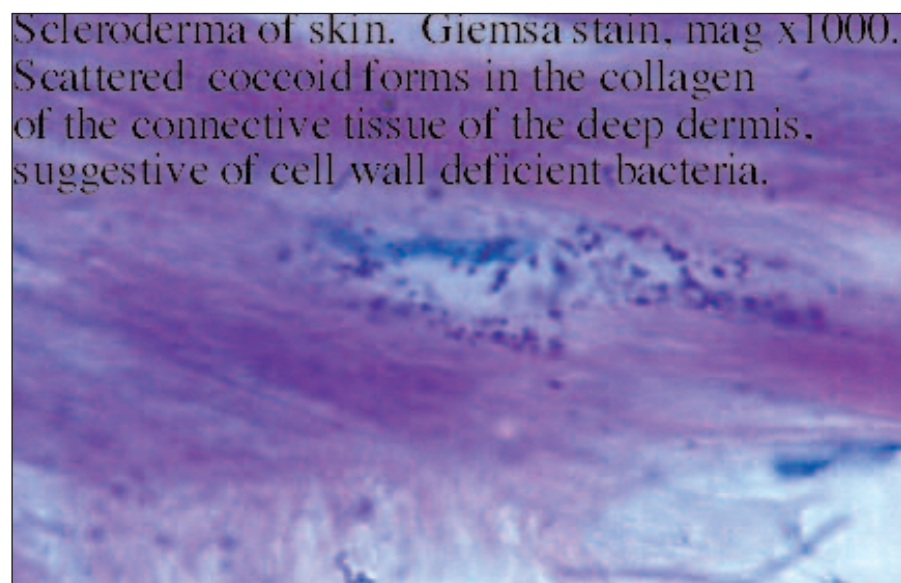


Figure 1: Tiny, round, granular, coccoid-appearing bacteria in the deep portion of the skin in scleroderma

diseases, cardiology, allergy and pathology—to look more closely at the issue.

Previous controversial studies linked CMV infection to hardening of the arteries (atherosclerosis), which leads to hypertension, heart and kidney disease, and stroke.

Bacteria and the heart

In an autopsy study entitled "Mycobacterial forms in myocardial vascular disease," published in 1965, my mentors Virginia (Wuerthele-Caspe) Livingston and Eleanor Alexander-Jackson first showed acid-fast bacteria in the heart muscle, the coronary blood vessels and the aorta. Later, they proposed a vaccine to combat the bacteria that they observed not only in heart disease but in cancer and degenerative disease as well. (A summary of their research can be read by Googling US Patent 4692412.)

Figure 2 shows bacteria in the heart muscle at autopsy in a fatal case of AIDS.

Figure 3 shows bacteria in the heart muscle from an autopsied case of lymphoma cancer (mycosis fungoides).

Most recently, according to a BBC news report of 25 May 2009, a scientific team headed by Arne Schaefer at the University of Kiel found a common gene mutation in patients with periodontitis (gum disease) and in heart attack patients (see <http://tinyurl.com/qdmw6y>). The team also found similarities between the bacteria found in the oral cavity and those in coronary plaques.

One theory is that the bacteria involved in gum disease trigger a low-grade inflammatory response throughout the body, resulting in changes in the arteries which can lead to strokes and heart attacks. Another possibility is that the bacteria disturb the way blood vessels dilate directly, since some bacteria can enter the bloodstream.

Bacteria and stroke

Only recently has there been mild interest in investigating the role of bacteria in strokes. A Google search using key words such as "bacteria + strokes" leads to numerous web articles, such as "Ulcer bacteria linked to stroke", "Bacteria in mouth could predict strokes", "Antibiotics

help prevent strokes", etc.

A stroke in the form of a haemorrhage pours blood into the affected areas of the brain and damages the brain cells and nerve connections. A stroke in the form of a clot does not allow blood to get to the cells. Obviously, much more research needs to be done in this area. If bacteria are universally present in the blood, they may play a role in stroke formation.

**If bacteria are
universally present in
the blood, they may
play a role in stroke
formation.**

Bacteria in kidney disease

It is well known that chronic high blood pressure can lead to kidney disease. The role of bacteria (particularly pleomorphic cell-wall-deficient bacteria) in renal and urinary diseases has been studied extensively by pioneering microbiologist Gerald Domingue, author of *Cell Wall Deficient Bacteria* (1982). (The PubMed website posts his many publications concerning

cryptic bacterial infection of the blood, kidneys and urinary tract. There is also an extensive biography on Domingue on Wikipedia.)

Tragically, there is little interest in studying the role of bacteria in kidney disease. Figure 4 shows bacteria detected in the kidney in a fatal case of systemic scleroderma. Note the similarity of these round bacterial forms to the bacterial forms depicted in the skin of scleroderma cases (figure 1) and in the heart muscles of patients who died of AIDS and cancer (figures 2, 3).

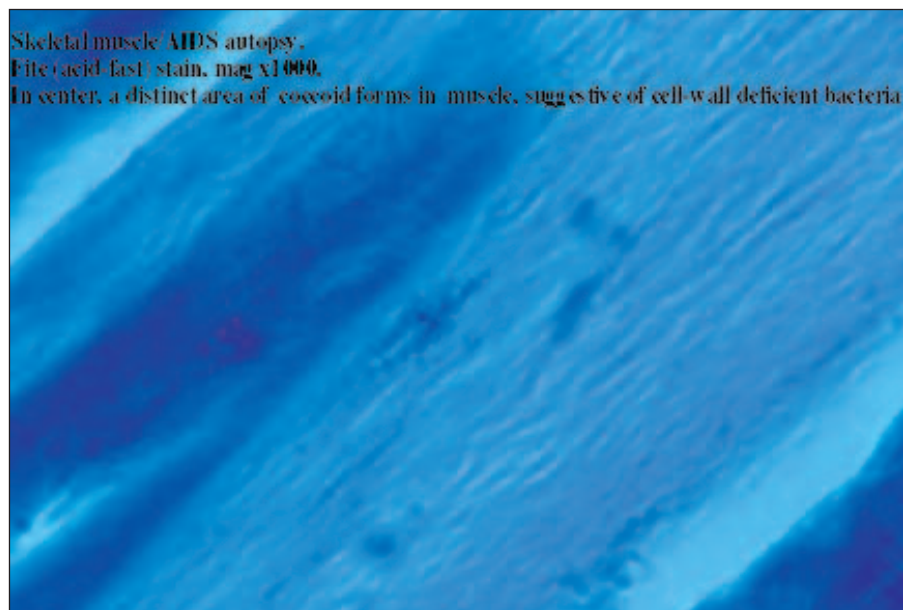


Figure 2: Bacteria in the heart muscle at autopsy in a fatal case of AIDS

Mycosis fungoides (lymphoma). Heart (autopsied case). Intensified Kinyoun stain, mag x1000. Coccoid forms, suggestive of cell wall deficient bacteria, within the heart muscle.

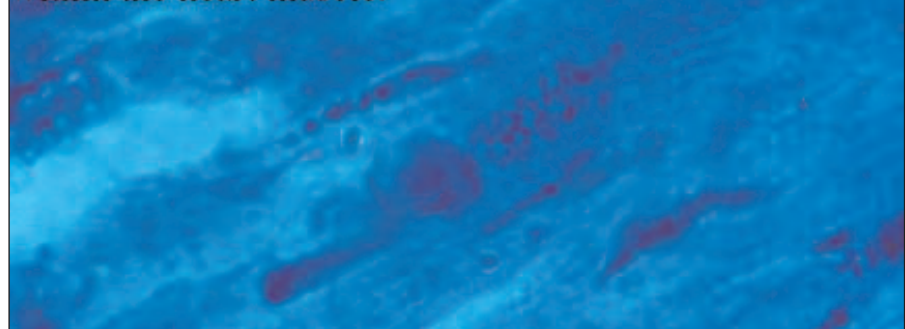


Figure 3: Bacteria in the heart muscle from an autopsied case of lymphoma cancer (mycosis fungoides)

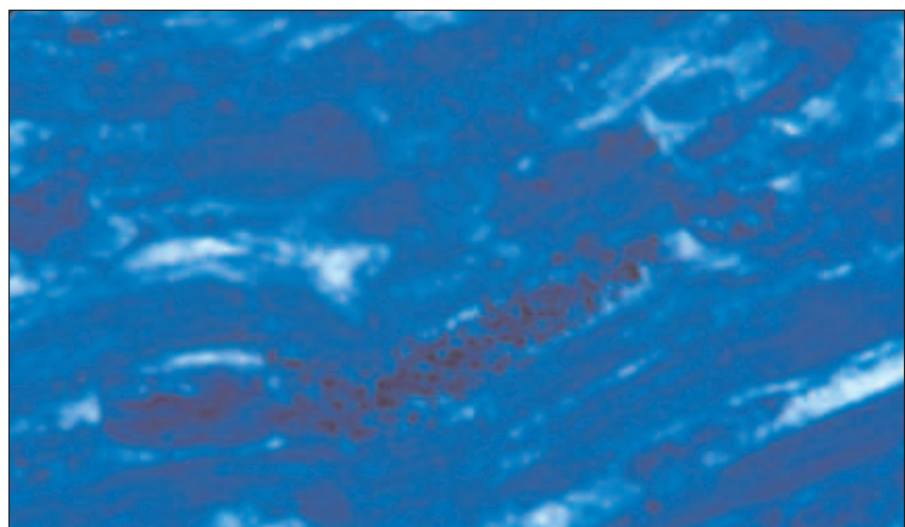


Figure 4: Bacteria in the kidney in a fatal case of systemic sclerosis

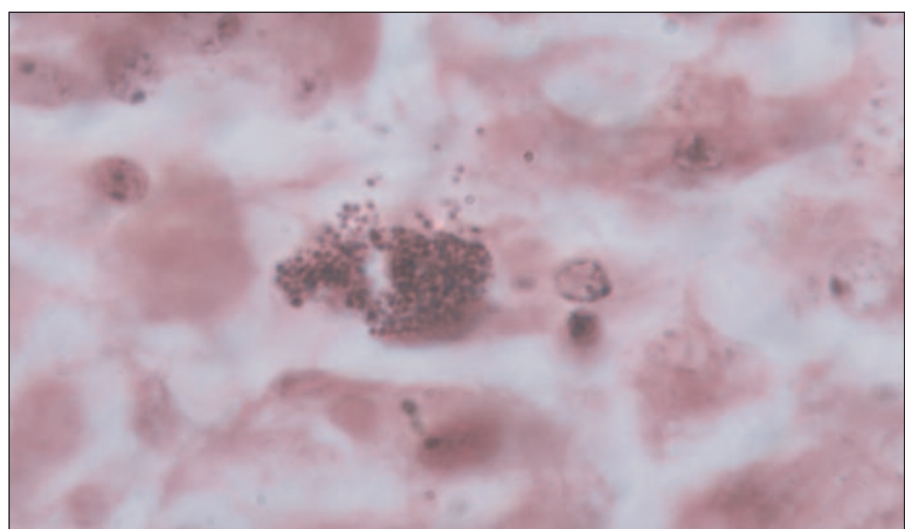


Figure 5: Tiny round bacterial forms in the skeletal muscle

Conclusion

Perhaps the biggest reason why bacteria are ignored in human disease is that these microbes are so ubiquitous. Everyone carries them, both in sickness and in health. Physicians are reluctant to accept that the same type of bacteria present in a healthy individual could cause a variety of diseases in sick people.

However, almost all healthy people eventually die of diseases, such as cancer, heart or kidney disease or stroke. Livingston was fond of saying that "the microbe" is both the giver and the taker of life. I think it is fair to say that we still know very little about the bacteria we carry in our bodies and the trouble they can cause as we age.

Regarding McPhee, why did a bacteria-produced Botox product start a healing? The paralytic product forced a "breaking up" of the tight, constricted muscle. This, along with the massage therapy, allowed better blood flow to the muscle.

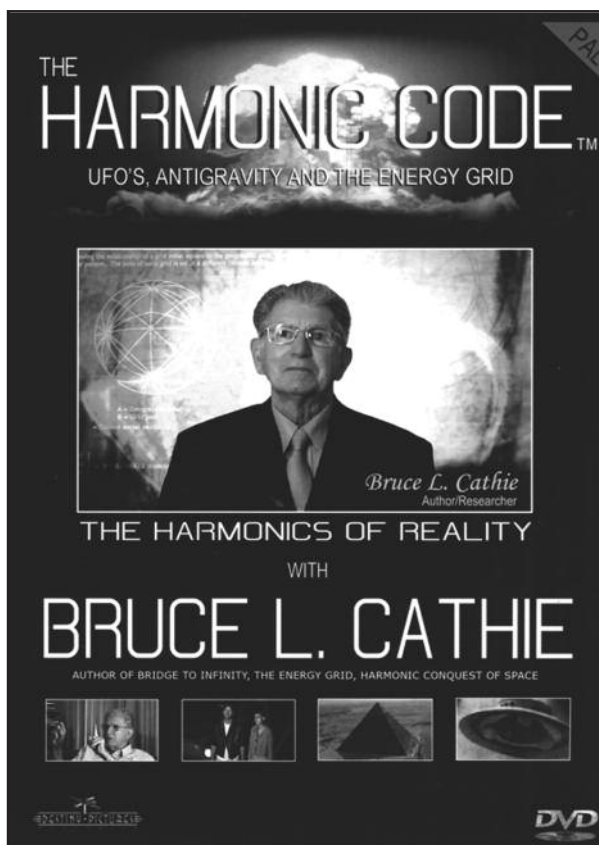
Could bacteria be involved in some chronic muscular disease states? I am reminded of an autopsy study of a fatal case of AIDS in which I discovered tiny round bacterial forms in the skeletal muscle (figure 5). Fatal cases of AIDS are frequently associated with muscle weakness and "wasting".

Despite the heretical aspects of this report, I trust it will stimulate other researchers to search for similar bacteria in an attempt to elucidate their precise role in the most common chronic illnesses of man. ∞

About the Author:

Alan Cantwell, MD, is a retired dermatologist. His books *The Cancer Microbe: The Hidden Killer in Cancer, AIDS, and Other Immune Diseases* and *Four Women Against Cancer* are available from Aries Rising Press (<http://www.ariesrisingpress.com>),

Continued on page 81



THE HARMONIC CODE:

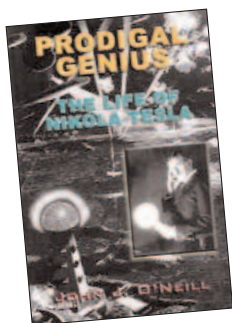
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LITTLE-KNOWN FACTS ABOUT POLIOMYELITIS VACCINATIONS

*The history of
poliovirus vaccination
shows that an obvious
direct causal link
between the
administered vaccines
and paralysis was
deliberately
camouflaged by
researchers who
twisted the figures
and observations.*

Part 1 of 2

by Viera Scheibner, PhD
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Pro-vaccinators claim eradication success with vaccines against two diseases: smallpox and poliomyelitis. The problem is that both these claims are not true, but many people believe them. In this article, I deal with outbreaks of paralytic poliomyelitis straight after mass vaccination programs in both developed and developing countries, as published in orthodox medical journals.

When the first, injectable, Salk polio vaccine was tested on some 1.8 million children in the USA in 1954–55, cases of paralysis in the vaccinated and some of their contacts started occurring within days (Francis *et al.*, 1955; Peterson *et al.*, 1955). It became known as the Cutter Incident. Cutter Laboratories was accused of distributing vaccines which contained live polioviruses. Even though paralysis also occurred after injections of other polio vaccines produced by different manufacturers, Cutter Laboratories became the scapegoat and was asked to withdraw all batches of its vaccines.

The disasters with the injectable polio vaccines causing paralysis seem to have been one of the main motivations behind developing an oral poliovirus vaccine (OPV), which was believed to simulate the natural infection. The reality proved such expectations wrong.

Henderson *et al.* (1964) wrote that since 1961, when oral poliomyelitis vaccines were first made available for general use in the USA, scattered cases of paralytic disease have occurred in association with these vaccines. Many of these cases have been clinically indistinguishable from paralytic poliomyelitis. Epidemiologically, the pattern of their occurrence has raised the possibility that some cases may have been caused by the vaccines. In 1962, when the existence of this problem was first appreciated, the Surgeon General of the US Public Health Service convened a Special Advisory Committee which met on a number of occasions between August and December. The committee reviewed in detail the reported cases of paralytic disease occurring within a period of 30 days following ingestion of the oral polio vaccine. Of these, 11 followed "type III vaccine" and seven followed "type I vaccine". The committee concluded that "the maximum potential risk for types I and III vaccine is in the order of one per million or less overall; but higher for those over 30 years of age".

Now we know how the much-quoted rate of these vaccine-caused cases as "one per million or less overall" was born: it was created as a typical desk-top statistic by a committee and not achieved by a proper statistical study. (A proverbial camel: a horse created by a committee. Sorry, camels; only joking!)

Importantly, poliovirus type III was the one most implicated. The committee also made this allegation: "The total number of such reports [meaning paralysis after the administration of OPV] received by the Public Health Service through June 1964, is 123. This number includes those cases reviewed by the Committee in 1962. Of this total, 36 cases occurred in

epidemic areas where mass immunization programs were undertaken as emergency control measures. The remaining 87 cases were widely scattered and occurred in nonepidemic areas usually following community-wide oral poliomyelitis programs."

I find it hard to believe that, in a country with some 220 million people and 2.5 million live births per year, there would only be some 200 cases of paralysis. Even if it were true, then the number certainly would be more than the much-quoted "one case in a million".

Because of the continued incidence of vaccine-associated cases, a committee was again convened by the Surgeon General to re-assess the problem and to develop recommendations for the future use of oral poliomyelitis vaccines. The committee met on 17 and 18 July 1965. Its recommendations, as far as the diagnosis of poliomyelitis is concerned, were as follows:

"1. Onset of illness between four and 30 days following feeding of the specific vaccine in question, with onset of paralysis not sooner than six days after the feeding;

"2. Significant residual-lower-motor-neuron paralysis;

"3. Laboratory data not inconsistent with respect to multiplication of the vaccine virus fed;

"4. No evidence of upper-motor-neuron disease, definite sensory loss or progression or recurrence of paralytic illness one month or more after onset."

Of the 87 cases considered, 57 were judged "compatible" and 21 were excluded after careful consideration. In nine of the cases, the data were considered insufficient upon which to make a judgement. The "compatible" cases occurred largely among adults, 44 being 15 years of age or older and eight over 50 years of age. The onset of illness fell between four and 28 days, with the majority of cases occurring within eight to 21 days following vaccine administration. There was no apparent association of cases with specific lots of vaccine or vaccine produced by a particular manufacturer.

It is obvious to me that this committee's main motivation was to exclude as many paralysis cases associated with vaccination as possible. There was no concern for the affected recipients of the polio vaccines; they were discarded and left to fend for themselves. A truly mediaeval, feudalistic and, to say the least, unscientific attitude!

Under "Evaluation of the risk", the committee wrote that it "recognizes that it is not possible to prove that any individual case was caused by the vaccine and that no laboratory tests available can provide a definitive answer".

The committee went further and stated the following:

"1. The extent of the associated risk is sufficiently low relative to the risk of naturally occurring illness in children to warrant continuation and intensification of the poliomyelitis immunization program throughout the nation, although with some changes in emphasis;

"2. Primary emphasis should be given in all communities to the immunization of all infants during their first year of life. All communities which have not already organized continuing programs for the effective immunization of their infants and preschool children in all socioeconomic groups are urged to do so. (The success of such programs is requisite for attaining the goal of the elimination of paralytic poliomyelitis since it is primarily these younger children who serve to transmit the natural infection within the community.)

"3. Communities which have not yet embarked upon mass immunization programs are encouraged to do so

during the coming fall and winter (1964-65). (Such programs will be of value only if they succeed in reaching unimmunized persons, particularly preschool children, in lower socioeconomic areas. Before embarking on mass programs, all communities should develop definite plans for continuing immunization programs to care for new susceptibles born into or moving into the community)."

...polio vaccines...do cause major outbreaks of paralytic poliomyelitis, following vaccination drives, in areas that have not had any polio cases for a number of years.

The statements and conclusions in the above paragraphs are important in that they started the avalanche of denials of the causal link between the documented administration of the offending vaccines and the resultant symptoms (paralysis)—which, in my opinion, defies common sense. While it may be partially true that the contemporary methods in the 1960s may have been insufficient to prove the causal link, the obviously flawed methods and criteria for accepting causality developed soon afterwards. Moreover, the repetition in innumerable countries of documented outbreaks of polio within 30 days after vaccination drives is sufficient to see that polio vaccines of all kinds (OPV, IPV) do cause major outbreaks of paralytic poliomyelitis, following vaccination drives, in areas that have not had any polio cases for a number of years.

The most important development was the publication of Bradford Hill's 1965 paper, in which he defined nine points to be fulfilled for accepting causality. All documented outbreaks of polio after vaccination drives fulfill these nine points. Outbreaks of other infectious diseases in the vaccinated follow suit.

It is interesting that the pro-vaccinators frown upon those, including myself, who study relevant medical

papers published before the 1990s, yet they try to write off such articles as automatically obsolete. As the above published information shows, they are very relevant to the present situation in vaccination. Pro-vaccinators themselves still act upon obsolete information such as outlined above (notwithstanding practising Jennerian vaccination) and keep denying that it is possible to prove causality and/or that serious vaccine reactions are in the order of one in a million. Surely, modern medicine's diagnostic methods have progressed since the 1960s—or haven't they? With modern statistical methods, it is possible to calculate the rates more precisely.

Similar "reasoning" applies to the pro-vaccinators' constant assertions that there are no known treatment methods to effectively manage infectious diseases of childhood and therefore that's why we have to continue preventing them by vaccination. They totally overlook the vaccines' obvious and documented ineffectiveness in preventing *any* diseases, and the never-ending trail of disasters and very serious immune, autoimmune and degenerative diseases created in the process by modern medicine which earns billions of dollars from the vaccines.

Here, I agree with one thing, though: it is only orthodox modern medicine that does not know how to effectively and correctly treat—or, rather, handle—infectious diseases, or any other diseases for that matter. They "treat" everything with antibiotics, fever suppressants and painkillers, despite the obvious uselessness, inappropriateness and dangers of these drugs and without any regard for individuality.

Outbreaks of paralysis during mass vaccination programs in the USA

Besides the infamous Cutter Incident described above, outbreaks of paralysis after vaccination continued occurring in the USA.

Nathanson (1984) presented epidemiological aspects of poliomyelitis eradication. He wrote that mass vaccination with oral polio vaccine was begun in the USA in 1963, and the last outbreak of natural poliomyelitis occurred in 1972. Then he alleged that there was only one more outbreak, in 1979, due to the introduction of wild poliovirus to an undervaccinated Amish population. "Paradoxically, eradication occurred even though 5%–10% of the population zero to 1 year of age was unvaccinated and susceptible". First, this

statement is inaccurate, because not even 5%–10% of the Amish population *are* vaccinated (they claim religious exemption to vaccination). Second, the first case of paralytic polio occurred in a nine-month-old Amish baby who became paralysed five days after being given a dose of OPV. Even though the US health authorities opened a vaccination clinic, the Amish residents shunned it. They eradicated the outbreak by giving it free rein and letting it eradicate itself. That's exactly what happened. After all, all outbreaks are self-limiting.

MMWR (1993) reported on the outbreak of 68 cases of poliomyelitis among members of religious communities in The Netherlands. Because members of an affiliated religious community in Alberta, Canada, had direct

contact (i.e., travel to and from The Netherlands) with members of the affected community, health authorities in Alberta conducted an investigation during January–February 1993 to determine whether the poliovirus had been imported. The investigation focused on a small rural community in southern Alberta that reported the only cases of poliomyelitis from the province during the last poliomyelitis outbreak in Canada in 1978 (11 cases). The author of this report wrote: "The community comprises members of [a] religious group that generally opposes vaccination."

Interestingly, according to the MMWR report: "...wild poliovirus type 3 (PV3) was isolated from stool specimens obtained from 21 (47%) of 45 persons (primarily children). Laboratory investigations conducted by the National Center for Enteroviruses in Halifax, including application of molecular technique in collaboration with laboratories at the CDC [Centers for Disease

Control], determined that this PV3 was virtually identical to the strain that caused the outbreak in The Netherlands."

Perhaps the most revealing information was unwittingly presented in an article by Schonberger *et al.* (1984). Their figure 1 shows the annual reported paralytic poliomyelitis case rates for the USA during the period 1951–1982. The graph shows a steady fall in the incidence of paralytic poliomyelitis until 1974–75, when it shot up threefold and remained high (with slight up and down fluctuations) until 1979; then the incidence seemingly fell down again to the 1974 level.

This graph is practically identical to the graphs of whooping cough incidence published by Hutchins *et al.*

They totally overlook the vaccines' obvious and documented ineffectiveness in preventing *any* diseases, and the never-ending trail of disasters and very serious immune, autoimmune and degenerative diseases...

(1988). Their graphs show a steady downward trend in the incidence of (and mortality from) whooping cough until 1976, when the incidence shot up threefold. This coincided with the "nationwide childhood immunization initiative", when individual states were gradually passing legislation requiring three doses of DTP (diphtheria–tetanus–pertussis) vaccine and OPV for school entry, no doubt preceded by an advertising campaign for some time beforehand and accompanied by intensified vaccination activity. The incidence of both whooping cough and polio quite obviously went up threefold when vaccination became virtually mandatory. I see it as clear evidence that the vaccinations caused the recipients to contract the diseases which the vaccines were supposed to prevent.

Paralytic poliomyelitis outbreak in Taiwan

Kim-Farley *et al.* (1984) described an epidemic of poliomyelitis cases (1,031) which occurred between 29 May and 31 October 1982, after seven years of freedom from major outbreaks. Already by 1 September, the outbreak had become one of the largest reported in Taiwan's history. Importantly, before this outbreak, approximately 80 per cent of infants had received at

least two doses of trivalent oral polio vaccine before their first birthday. Because the outbreak occurred in the face of high community-wide vaccination levels, the CDC (Atlanta, Georgia, USA) was invited to help determine the extent of the outbreak, why it had occurred and whether OPV was an effective protective agent. (I have no doubt that the outbreak sent shock waves through the vaccinators' camp—particularly so, since it was freely admitted and publicised and could have not been swept under the carpet.)

Kim-Farley and colleagues wrote that Taiwan's total population at the end of 1980 was 18 million, with approximately 400,000 births per year. Persons under the age of five comprised 11 per cent of the population.

Polio was first reported in Taiwan in 1913 and became officially notifiable in 1955. Inactivated polio vaccine (IPV) was introduced in 1958 and OPV in 1963. At the time of the 1982 outbreak, routine vaccination in Taipei and Kao-Hsiung (the two largest cities in Taiwan) consisted of a three-dose OPV schedule before the first birthday. An additional dose at about 18 months was also recommended.

From 1975 to 1981, no fewer than nine cases of paralytic poliomyelitis were reported to the Taiwan health authorities each year. No polio deaths were recorded after 1978.

Cases of polio were defined as physician-diagnosed paralytic poliomyelitis. The vaccination status of cases was determined from information supplied on case reports and, importantly, "[v]accinations received in the 28 days before the onset were not counted because they might have been given after exposure". These represented 65 per cent of the cases. So, most cases were excluded as vaccine-caused.

It is well established that most cases of vaccine-derived paralysis occur after the first dose of any polio vaccine. Marking the cases of paralysis in the recipients of the first dose within 28 days of the vaccination date as "unvaccinated" is not only a major fraud—no doubt designed to "improve" the effectiveness of the vaccine—but it also contravenes the definition of vaccine-associated paralysis as determined by the US Special Advisory Committee (a case which occurred within 30 days of the vaccine dose; Henderson *et al.*, 1964, as above).

The indisputable reality of what



PLACEBO EYE TEST

happened in Taiwan is that 65 per cent of vaccinees developed paralysis within 28 days of the first vaccine dose, thus confirming observations of others that the majority of vaccine-caused paralysis occurs after the first dose of any vaccine, the polio vaccine being no exception. The case fatality rate was nine per cent. However, this rate was calculated as per total population, even though the definition of polio is "infantile paralysis". It should have been calculated on the numbers of children in the relevant age groups.

Moreover, because before this 1982 outbreak there had been no outbreaks of polio in Taiwan for seven years, it is not likely that all those who developed paralysis within 28 days of the first vaccine dose were already incubating the disease. In addition, less than seven per cent of the surveyed population had not received any OPV.

Equally flawed is the conclusion of the authors that failure to vaccinate, rather than vaccine failure, was the most important risk factor for the polio epidemic in Taiwan.

What sends shivers down my spine is the ease with which the pro-vaccinators got away with an obviously fraudulent analysis of the vaccine-caused outbreak of paralysis. At the same, I praise both the authors and the *Lancet* for publishing it in a way that enables any intelligent reader to see through the smokescreen and mirrors. John (1985) wrote: "The proposed explanation—namely, pockets of low vaccination coverage sustaining poliovirus transmission and seeding an outbreak (5.8 cases per 100,000—was unconvincing. Cases did not cluster in pockets and, since the mean coverage rate was very high, pockets of low coverage could have been infrequent...Taipei and Kao-Hsiung cities had high incidence despite better vaccination efforts."

Outbreak in Oman

Virtually the same thing as described in Taiwan happened in Oman. Sutter *et al.* (1991) and Sutter *et al.* (1992) described an outbreak of paralytic poliomyelitis type I (118 cases) between January 1988 and March 1989. They wrote: "Incidence of poliomyelitis was highest in children younger than 2 years (87/100 000) despite an immunisation programme that recently had raised coverage with 3 doses of oral poliovirus vaccine (OPV) among 12-months-old children from 67% to 87%." Despite?

Eighty-seven per cent of case patients in Oman received at least one dose of OPV, and 50 per cent received at least three doses. The authors wrote: "Accumulation of enough children to sustain the outbreak seems to have been due to previous success of the immunisation program in reducing spread of endemic strains, suboptimum efficacy of OPV, and delay in completing the primary immunisation series until 7 months of age. Additionally, the estimated attack rate of infection among children aged 9–23 months exceeded 25% in some regions, suggesting that a substantial proportion of fully vaccinated children had been involved in the chain of transmission."

Their statement that "3 doses of OPV reduced the risk of paralysis by 91%" is facetious: if most cases occur after the first dose, there will be fewer vaccinees left to develop paralysis after the second dose and even fewer after the third.

While alleging that "[w]idespread use of oral poliovirus vaccine (OPV) has led to the virtual elimination of paralytic poliomyelitis in industrialised countries, in addition to substantial reduction in the incidence of the disease in the developing world", the authors also stated: "However, the efficacy of OPV in inducing humoral immunity against poliovirus type 1 and 3 in some countries has been lower than expected. Recent outbreaks in The Gambia, Brazil, and Taiwan have also raised concern that primary reliance on routine immunisation may be inadequate to achieve the goal of eradicating wild poliovirus infection globally by the year 2000."

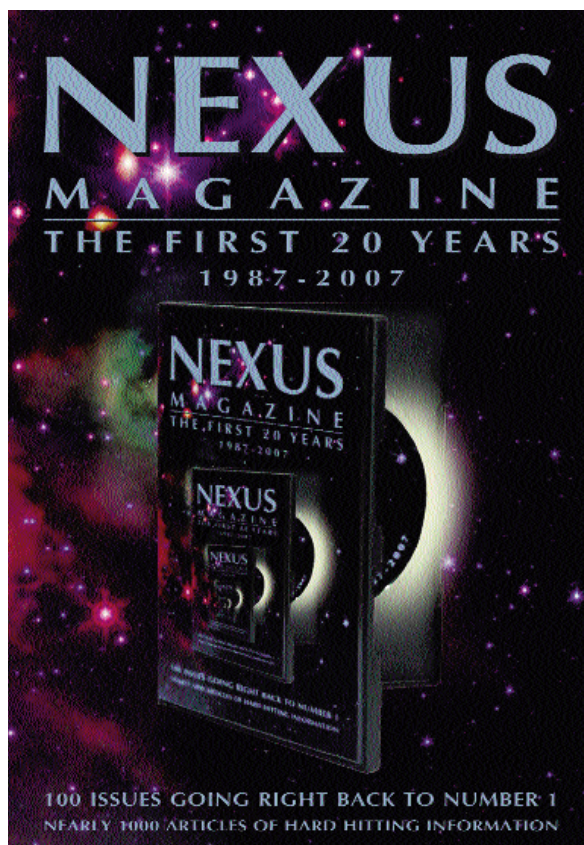
The authors also wrote: "...vaccination coverage with 3 doses of OPV at the time of the outbreak was 87% for children

aged 12 months. Based on the number of reported cases, the overall attack rate of paralytic disease in children 9–23 months was 57/100 000. There was no correlation between vaccination coverage and attack rates by region; the region with [the] then highest attack rate (Batinah, 117/100 000) had one of the highest coverage rates (88%), whereas the region with the lowest coverage (Capital, 71%) had a low attack rate."

No correlation? In fact, there was a perfect correlation showing that the vaccines caused the outbreak, the highest incidence of paralysis occurring with the highest compliance.

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CoEvolution



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man taken for ten
days to an
extraterrestrial
civilisation*

by Alec Newald

One Monday in mid-February 1989, Alec Newald set off on what should have been a three-hour drive from Rotorua to Auckland in New Zealand. He arrived in Auckland feeling tired and confused, but was even more confused to learn that Monday was now Thursday ten days later, and that he had no idea of what had happened in the meantime! When Alec did retrieve his memories of those missing ten days, he realised his life had changed forever, for early on in that fateful trip, while driving through a foggy mountain pass, Alec was whisked from the road by beings from an extraterrestrial civilisation. A true story!

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THE EGYPTOLOGIST, THE SPHINX AND THE COVER-UP

The clampdown on excavations at many archaeological sites in Egypt and the inconsistent attitudes of antiquities supremo Dr Zahi Hawass on the existence of tunnels and cavities within the Giza Plateau suggest a hidden agenda is being played out.

by Philip Coppens © June 2009

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Ten years ago, three books, *Giza: The Truth* (by Chris Ogilvie-Herald and Ian Lawton), *The Stargate Conspiracy* (by Lynn Picknett and Clive Prince) and *Secret Chamber* (by Robert Bauval), provided an overview of the controversy that was believed to surround the Giza Plateau and the pyramids. The key question was whether it held any undiscovered, or purposefully kept hidden, chambers, whether inside the pyramids or under or near the Sphinx.

The previous decade had seen a renewed interest in the plateau, partly due to the theories of Robert Bauval and Graham Hancock and the discovery of a door in an inaccessible part of the Great Pyramid. It was found on 22 March 1993 by German robotics engineer Rudolf Gantenbrink during the installation of an air conditioning system. The discovery resulted in several claims, allegations and diatribes which, with the dawn of the new millennium, slowly disappeared.

Today, interest in the mysteries of ancient Egypt seems to have waned and peace seems to have been restored. But speak to people in the field and on the ground, and a different picture emerges.

It is one of widespread condemnation of the Supreme Council of Antiquities (SCA) and specifically of Dr Zahi Hawass, who has been its Secretary General since 2002. Remarkably, many Egyptian archaeologists argue that the organisation rules with dictatorial control, and that this is but the tip of an iceberg of cover-ups, slander, embezzlement and perhaps more. Ten years on, no one seems to be writing about it but the situation is at least as bad as back in 1999.

The Supreme Council of Antiquities is part of the Egyptian Ministry of Culture and is responsible for the conservation, protection and regulation of all antiquities and archaeological excavations in Egypt. Over the past decade, a television viewer might be forgiven for believing that there is only one Egyptologist, and that man is Hawass.

In truth, Hawass is more of an administrator than an archaeologist; one might even argue that if the man had enough time to lead excavations, he would not be fulfilling his task as administrator. But a television camera has the same attraction as light to a moth. Hawass is a controversial figure. He was at the centre of contention in the 1990s, and remains so today—now, more so in Egypt than abroad.

In the 1990s, Hugh Lynn Cayce reportedly said, according to Edgar Cayce biographer A. Robert Smith: "I got him [Zahi Hawass] a scholarship at the University of Pennsylvania in Egyptology, to get his PhD. I got the scholarship through an ARE person who happened to be on the Fulbright scholarship board." Hawass strongly denies this, though it is a fact that he was admitted to the University of Pennsylvania through this scholarship. (Note: ARE is the Association for Research and Enlightenment, an organisation set up to promote the work of the American "sleeping prophet" Edgar Cayce.)

The ARE is interested in the Giza Plateau because, in the 1920s, Edgar Cayce proclaimed that a "Hall of Records", containing information about the lost civilisation of Atlantis, was hidden underneath the Giza Plateau near the Sphinx.

Foreign Affairs

Yet while most have been looking at the ARE, it is another organisation, the ARCE (American Research Center in Egypt), that has been missed and which seems to be the veritable puppet master.

One source contacted for this article said: "I am a frequent visitor to Egypt and when I speak to government officials, most don't like Hawass. There are many archaeologists in Egypt that do excellent work. Anyone who visits Egypt and follows Egyptology sees this first-hand. The only problem is Hawass and the SCA. Why? Because Hawass has been imposed upon Egypt by certain foreigners, and this for a very long time. They have chosen an ignoramus, have flattered him, given him a PhD through the ARCE. He's a puppet." Pressed as to why that is, the source added: "So that the secrets will not get out and that they have the best archaeological concessions. If Hawass is still there, it's only because he knows how to play with nationalism. I hear him say every day how foreigners want to steal from the Egyptians and that the antiquities are Egyptian. It's clever, because it makes it appear as if he is fighting the Egyptian cause and he won't be pushed aside." The source also noted: "The SCA follows the orders of foreigners from whom it has received help in guarding their interests." Indeed, though one might think that the Egyptians are in control of their own country, archaeologically speaking, that appearance can be deceptive.

The "puppet master" organisation is the American Research Center in Egypt. The ARCE's website states: "Among ARCE's many great achievements is our relationship with the Supreme Council of Antiquities (SCA) within the Egyptian Ministry of Culture, without whom our work would not be possible. ARCE is viewed as making important contributions that serve to help Egypt directly in its pursuit of cultural heritage preservation."²

ARCE was founded in 1948 by "a consortium of educational and cultural institutions", and the organisation underlines that it is also there to "strengthen American–Egyptian cultural ties" and especially to "establish an official 'presence' for North American scholars in Egypt". Interestingly, ARCE's website adds: "Encouraged and aided by the US Department of State, in 1962 ARCE entered into an

expanded and more structured consortium, and was charged with managing and distributing over \$500,000 yearly in Public Law 480 (Food for Peace) funds."³ This means that ARCE fulfils both scientific and social functions. However, seeing it works with the US Department of State, one could ask whether at one point ARCE was used or abused for other political purposes, seeing Egypt has had an intriguing political past in the battle between East and West.

Interestingly, during the writing of this article, one source contacted me, claiming that frequently the SCA receives from the US National Security Agency (NSA) satellite imagery containing information as to whether or not there may be subterranean structures at certain sites. A few days later, on 11 May, the Egyptian government announced via Culture Minister Farouk Hosni (Hawass's boss) that "the researches conducted via satellites have confirmed the existence of 132

archaeological sites in Egypt that witnessed no excavations until now".⁴ While Egypt has some satellites in orbit, Hosni did not specifically identify the source of these images, though he said that the project to photograph monuments via satellite was being implemented in collaboration with the Egyptian National Authority for Remote Sensing and Space Sciences (NARSS) and Mubarak City for Scientific

Research for the aerial photography and ground-based laser surveys.

Keeping the Sphinx's Paws Dry

But back to Hawass and the Sphinx. The above operational framework was in evidence in April 2009, when Hawass reported: "Under my direction, the Supreme Council of Antiquities is working to reduce the groundwater level around antiquities sites throughout Egypt. We have completed a USAID-funded effort to de-water Karnak and Luxor temples, and work is underway in many other places. One of our greatest recent successes has been the development of a system to prevent the Great Sphinx at Giza from getting its paws wet!"⁵

Rather intriguingly, he added in his report titled "The Story of the Sphinx": "Perhaps the most important result of the groundwater project was that it enabled us to put to rest speculation about mysterious underground tunnels and chambers carved below the Sphinx by 'ancient civilizations'.

For years, I have debated people like John Anthony West, Robert Bauval, and Graham Hancock, who say that survivors of a lost civilization 10,000 years ago left secrets buried beneath the Sphinx. These people also claim that the erosion of the Sphinx was caused by

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water, and that this necessarily means that it dates back to long before the Old Kingdom. None of their theories has any basis in fact, but their supporters have insisted that we should drill holes to try and find these hidden chambers. I have always refused to permit such a project in the past, because there was no scientific basis for it. Because such drilling was a necessary part of our work to protect the Sphinx from groundwater, however, we did finally drill in the vicinity of the statue, and we found that there were no hidden passages or chambers there."⁶

Despite all the usual hype that Hawass uses to underline his most mundane accomplishments, this is an unfortunate—and totally unscientific—conclusion.

There are several studies, such as seismic work from 1992 and the Schor radar survey from 1996, which clearly show geological anomalies (read cavities), most of which are natural, but that is somewhat beside the point. In fact, one might argue—and some have—that Hawass specifically tested for groundwater in those particular locations where he was sure that no such cavities, natural or "hidden passages or chambers", would be found. It would make sense to test for groundwater, but Hawass's glib statement, "that there were no hidden passages or chambers", cannot be reached from the limited research this test carried out. Without doubt, there are cavities. Full stop.

In fact, Hawass himself announced to the Egyptian press on 14 April 1996 that there are secret tunnels under the Sphinx and around the pyramids. He stated his belief that these tunnels would prove to "carry many secrets of the building of the Pyramids".⁷ Although people are allowed to change their minds, they should perhaps, 13 years to the month, highlight their new position. Not Dr Hawass.

However, Hawass's "Story of the Sphinx" report is also contrary to findings from scans carried out by Dr Abbas and team, published by NRIAG (National Research Institute of Astronomy and Geophysics) in 2007. But rather than comment on a fellow academic who has had his results published in a scientific publication, Hawass—for reasons that have nothing to do with science, but are likely to do with grandstanding if not more sinister motives—has a go at the likes of West, Bauval and Hancock.

And why the age of the Sphinx determined through water erosion has anything to do with the presence of

chambers beneath the monument it is not altogether clear, either. But considering the other unscientific jumps Hawass makes, nothing should come as a surprise.

When one looks at Hawass's reports rather than at his statements to the press, an even more interesting picture emerges. We learn that in early 2008, the Supreme Council of Antiquities co-operated with Cairo University's Engineering Center for Archaeology and Environment to drill four boreholes, each four inches in diameter and about 20 metres deep, into the bedrock at the base of the Sphinx. A camera was lowered into each borehole to allow examination of the plateau's geology.⁸

The "Story of the Sphinx" report contains several gems, some of which Hawass should address, but instead he creates a smoke-and-mirrors show. One might almost wonder whether he does not want this material to be noted; and judging from what happened upon publication, the few who reported on the announcement indeed focused on the "West-Bauval-Hancock sidebar" and not on the main show.

A separate scientific update states that 260 cubic metres of water are being pumped out *every hour* through drainage tubes. That's 6,240 cubic metres or 6,240,000 litres of water per day. An Olympic swimming pool has 2,500,000 litres. In short, water of a quantity equal to almost three Olympic swimming pools is pumped away on a daily basis from underneath the Sphinx! Indeed, the Sphinx itself could roughly fit inside an Olympic swimming pool. The report continues that, as such, the water in front of the Sphinx has been reduced to 70 per cent of its original volume. But wait: no fewer than 33 monitoring

points were established to inspect the movement of the body of the Sphinx and the surrounding bedrock, this over a period of a month, and this monitoring proved that they are steady.⁹

Now, unless I am seriously mistaken, for such serious amounts of water to be moved hourly there would need to be at least one cavity, roughly the size of a small swimming pool, which could fill up continuously with water. In short, an underground lake. So the report strongly suggests the fallacy of Hawass's own conclusions!

Which brings us to the next question: why are they emptying an underground lake? For stability, or for something else? One might argue that removing the water will reduce the stability of the Sphinx, which was

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an obvious concern since this is why the stability of the Sphinx area was being monitored. But apparently, based on a month-long observation, emptying this underground cavity does not endanger the stability of the surface structures. But why empty it in the first place? To keep the Sphinx's paws dry?

One source, when confronted with Hawass's reports and my observation, has gone so far as to argue that Hawass—accompanied by Egyptologist Mark Lehner—had actually found this lake several years ago. The lake is under the entire plateau, the area contained within the concrete wall (construction of which began in 2002). He added that, in his opinion, these projects were preparation for an exploration of the Giza underworld.

Scandal at the Supreme Council

So, how should we interpret Hawass's actions? It is clear that he likes the limelight and that he often makes contradictory statements. But is there more going on? Some observers have commented that Hawass's tight grip on all archaeological works in Egypt is the logical result of a developing nation that has sought desperately to put a stop to the shameful looting of its historical heritage.

The fact of the matter, however, is that recent developments within the SCA have brought to light wide-scale corruption, with leading government officials imprisoned for embezzlement. On 8 October 2008, the former Head of Restoration in Islamic Cairo and two other Egyptian Culture Ministry officials were jailed for 10 years for receiving bribes from contractors. The Cairo court ordered Ayman Abdel Monem, Hussein Ahmed Hussein and Abdel Hamid Outb to pay fines of between LE 200,000 and LE 550,000.¹⁰

Abdel Hamid Outb was actually the head of the technical department at the SCA and reported to Hawass. The contracts under suspicion were worth millions of dollars and involved the restoration of some of Egypt's most famous monuments. Hawass was quick to defend Outb at the time of his arrest in September 2007, claiming that the accused was not in a position to give out contracts.

Hawass told the BBC's Arabic Service that contracts are only handed out after a "rigorous procedure", and Outb had no decision-making power.^{11, 12} The court obviously ruled differently; and if Hawass made a comment at this point, I at least could not find a reference to it.

In the interview at the time of Outb's arrest, Hawass also told the BBC that he takes "immediate action against any employee with the slightest shadow of

suspicion hanging over them, even if the person turns out to be innocent".¹³ Guilty until proven innocent, it seems, is the *modus operandi* within the SCA. No wonder there are reports that Hawass is unpopular within Egypt.

Robots and Slaves

This is not the first time that Hawass has found himself in murky waters. In fact, at the same time that Gantenbrink's robot uncovered the hidden door inside the Great Pyramid on 22 March 1993, Hawass was suspended from his then position as Chief Inspector of the Giza Pyramid Plateau. Synchronicity, or did Gantenbrink make use of the power vacuum to announce his finding in April 1993, knowing that otherwise it might be suppressed?

What happened next is also interesting, and revealing. Upon the announcement, Gantenbrink was banned from

resuming his work. The Egyptian Antiquities Organization (EAO), the predecessor of the SCA, claimed that Gantenbrink had broken a "rule" of archaeology by speaking for himself rather than through the "proper channels"—which are obviously there, by its own admission, to control what gets out and what doesn't. What happened next is also interesting, and revealing. Graham Hancock writes: "The [then] Director of the German Archaeological Institute in

The lake is under the entire plateau... He added that, in his opinion, these projects were preparation for an exploration of the Giza underworld.

Cairo, Dr Rainer Stadelmann, sided with the Egyptians and condemned Gantenbrink for his press action. Dr Stadelmann was adamant about the non-importance of the find. "This is not a door; there is nothing behind it."¹⁴ The President of the EAO, Dr Muhamad Bakr, went so far as to claim the announcement a "hoax". He stated: "The orifice of the shaft is too small for the robot to go through."¹⁵ History has shown Bakr to be wrong on both counts.

It was Bakr who removed Hawass from his position, claiming that a valuable ancient statue had been stolen from Giza under Hawass's watch.

To quote again from Hancock: "Three months later, in June 1993, Dr Bakr himself was fired and replaced by Dr Nur El Din. Amid accusations of malpractice and fraud, Dr Bakr spoke of a 'mafia' which had been involved with the Pyramids for 'the last twenty years'. Refusing to give names, Dr Bakr said, 'I wanted the whole matter investigated by the prosecution authorities, but my request was refused.'"¹⁶

In early 1994, Hawass was reinstated to his position. Though Bakr is clearly not the most credible source, there are nevertheless clear echoes of the ARCE. Hawass's reinstatement was "said to have been brought about by American intervention", according to Chris

Ogilvie-Herald, writing in the British magazine *Quest for Knowledge*.¹⁷ At the very least, Hawass seems to be quite fortunate in that no matter what, whether it involve stolen statues or his technical department head being fined and imprisoned, he remains immune to it all.

Gantenbrink never returned to work inside the Great Pyramid. He even offered the Egyptian authorities the use of his robot—because only a robot can penetrate the air shaft—and volunteered to train an Egyptian technician to operate it, but his suggestions were not taken up.

However, Hawass eventually argued that the discovery of the door was extremely interesting and would be further explored. In March 1996, he stated that the door would be opened in September that year.

The month was right, but it was on 17 September 2002 that the door was finally opened. The event was broadcast "live" on Fox TV in America and transmitted to 140 countries via the National Geographic Channel. The end result was the discovery of...another door, which Hawass claimed would be opened soon. Seven years later, the world still waits...

During the 2002 live broadcast, Hawass made some intriguing throw-away remarks. For instance, he argued that "it was not 'slaves' who built the pyramids, but 'great Egyptians'". Afterwards, he told the Arabic newspaper *Al Gomhoreya* that "[t]he results of the robot's exploration refute the allegations reiterated by Jews and some western countries that the Jews built the pyramids".¹⁸

Of course, the exploration of an air shaft does no such thing. But an equally serious scientific faux pas is that no one actually claims that the Jews, as slaves, ever built the pyramids. Roughly speaking, if this were an historical event, it would have occurred c. 1,000 years *after* the building of the pyramids. Practically anyone of some education in the western world is aware of this. But one of the leading archaeologists and the protector of Egypt's heritage is not, it seems.

The claim of one journalist contacted for this article, that Hawass frequently abuses nationalism, is therefore quite pointedly illustrated by the above example. Other journalists and observers have gone further, though, positing that in their opinion Hawass is anti-Semitic. In *my* opinion, Hawass suffers from a severe case of verbal diarrhoea whenever a camera or a microphone is placed in front of him, leading him to make various "interesting" statements.

Suppression and Disinformation

On a more serious note, the SCA—read Hawass—has a stranglehold on most of the research occurring in Egypt and whether and how it gets reported. This is in evidence in the case of Gantenbrink, who broke the "rule", and also in the case of Dr Abbas, whose *official* Giza report has been stopped from publication for a very long time. Sources contacted for this article say that they, too, have several reports waiting to be published, but there is always one delay or another. This kind of treatment, of course, is not science but control, if not a gag order. Some might argue that there is a serious backlog, while others might shout cover-up.

Indeed, why does the SCA place such stringent penalties on the publication of scientific reports without

its consent, the penalty often being the denial of access to Egyptian archaeological sites? These are the measures of a dictatorship at best, and are far removed from any scientific approach.

No one will argue that Egypt alone is in charge of deciding who digs when, where and to what extent, even though it is clear, in light of the SCA's connection with ARCE, that this is not truly the case. But once permission has been given, the participating scientists and organisers surely should have the power to decide when and where to publish the results, rather than being literally gagged by the SCA until it—if ever—deems it appropriate to release the results, and even then sometimes demanding editorial changes. And all of this occurring without any external overview.

One source went so far as to argue that Hawass's approach is one of disinformation: that Hawass carefully twists scientific

One source went so far as to argue that Hawass's approach is one of disinformation—that Hawass carefully twists scientific results that do not conform to the standard history of ancient Egypt...

results that do not conform to the standard history of ancient Egypt; and that as he exercises sole control and makes himself the medium, he can almost singlehandedly maintain the status quo of Egyptian history. This "Hawass touch" is clearly in evidence in the spin in his 2009 Sphinx groundwater report. But then the important question is: why?

The answer has already been given: Hawass tries to maintain the consensus view of ancient Egyptian history. This is why he often singles out Hancock, Bauval and West. Hawass realises that these are the most vociferous and dangerous parties that can go against him, but they are not alone in feeling his wrath. Hawass denies findings when they don't fit with his agenda, and defames any individual for daring to have a

different idea and not releasing it through his office.

In 2008, Professor Barry Kemp reported on his research at the city of Amarna, created by the rebel pharaoh Akhenaten. The pharaoh was obviously despised and, in the decades following his death, the ancient Egyptians tried to remove any mention of his existence. It was reported that Kemp and his team found skeletal remains at Amarna that show "signs of malnutrition, extreme labour, and the lowest age of mortality witnessed at excavations of Pharaonic sites".¹⁹ This evidence goes a long way to confirm that Akhenaten created a brutal regime, one of which few were proud.

However, the findings were immediately subjected to criticism from Hawass, who used the Egyptian state news service to accuse the excavators of "distorting history". He claimed that their findings were "not based on any admissible scientific proofs" and added that "[b]uilding Akhenaten city was an obsession for ancient Egyptians like the Giza Pyramids and workers wanted to realise a national achievement to be proud of". Hawass, by his comments, was later described as "indulging in empty chauvinism".²⁰

Hawass is also proud that he "worked to strengthen Egypt's antiquities law" and that in 2002 he "worked to have a new law enacted forbidding excavation in Upper Egypt...to encourage documentation and preservation rather than excavation".²¹ Indeed, Hawass is proud of the fact that he has stopped all excavations in Upper Egypt! One can only wonder why. No one will argue that documentation and preservation are important, but to the exclusion of everything else—and to make it a law, rather than just an internal guideline?

Finally, when interviewed about geologist Robert Schoch's theory that the Sphinx is much older than the pyramids, Hawass stated: "If geologists prove what Schoch is saying, still in my opinion, as an Egyptologist, the date of the Sphinx is clear to us."²² In short, no matter what the evidence, Hawass claims it is all "clear" to him. It is clear that for Hawass, Egyptology is a religion, not a science. Many would agree that this is indeed the case for "Egyptology under Hawass", and they desperately want change.

Egyptologists prefer to argue—despite evidence that proves otherwise—that the pyramids are but tombs.

Egyptology under Challenge

Though Hawass can and should be blamed for many things, it is equally a matter of record that Egyptology as a science is seriously in need of spring-cleaning. It might perhaps come as a surprise to learn that since c. 1840 the paradigm of Egyptian history has remained firmly in place. Serious scientific evidence has often been put aside to maintain a dogma, and Hawass

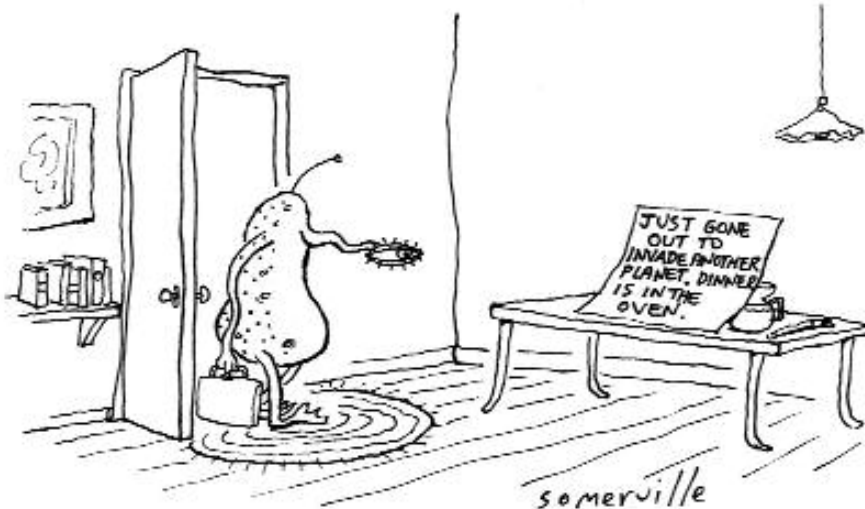
and many other "scientists" are religiously sticking to it.

In 1984, 85 samples were taken from the Giza Plateau, including five from the Sphinx, which were submitted for carbon-dating. The results showed dates from 3809 to 2869 BC. It meant that the accepted Egyptian chronology for the building of the Giza pyramids was out by 200 to 1,200 years. Bauval quotes Mark Lehner: "The Giza pyramid is 400 years earlier than Egyptologists believe."²³

Equally, in the 1950s, Zakaria Goneim, then Chief Inspector of Egyptian Antiquities, found the inviolate sarcophagus of Third Dynasty pharaoh Sekhemkhet inside his pyramid. When the sarcophagus was opened, there was no mummy inside. It was an empty

sarcophagus. In this case, "grave robbers" could definitely not be blamed. In fact, in many instances, including with the Great Pyramid, Egyptologists have identified grave robbery as the reason for an empty sarcophagus. If it were a crime scene investigation, few detectives would reach a similar conclusion based upon the available evidence.

Egyptology, in fact, looks with disdain upon ancient records such as those of the first century BC historian Diodorus Siculus, who wrote that not a single pharaoh was buried in a pyramid which he had constructed for himself, but that the pharaohs were buried instead in a secret place.



Egyptologists prefer to argue—despite evidence that proves otherwise—that the pyramids are but tombs.

Dutch author Willem Zitman ponders why today's scientists do not want to admit that the ancient Greeks were all schooled in ancient Egypt, as they themselves claimed. Instead, he says, they prefer to pretend as if the Greeks discovered everything by themselves and thus they can make claims that the Egyptians did nothing whatsoever to further science or knew nothing of astronomy. Zitman adds that although archaeo-astronomy has been taught as a scientific discipline since 1983, Egypt has hardly been discussed—a notable exception. And it is precisely when such a vacuum is created that it will be filled by theories of the likes of Robert Bauval. If Egyptologists do not like that fact, they should not blame Bauval...

Zitman, a qualified building engineer, also notes that the pyramids themselves are the greatest victim of the current state of Egyptology. He argues that when Egyptologists are confronted with problems to do with building techniques, their shortcomings are easily exposed. This is evident in the treatment of French materials scientist Professor Joseph Davidovits, one of the most respected scientists in his field in the world but who has been labelled an idiot and the like by Egyptologists—and by Hawass in particular. Hawass and others among his colleagues clearly fail to understand anything of what Davidovits is trying to explain to them.

As a consequence of this absence of knowledge and unwillingness on the part of Hawass and colleagues to invite experts to help them in this regard, there is little work done on the pyramid era, which has become known as a "lost era". I. E. S. Edwards, a former Keeper of Egyptian Antiquities at the British Museum, once noted that Egyptologists do not like pyramids.

In the end, Hawass does stand for, and sums up, the current state of Egyptology. He blames the likes of West, Bauval and Hancock for making ridiculous statements, but in August 1996—unsurprisingly, while in front of a camera—Hawass was scrambling through a tunnel leading under the Sphinx, stating: "No one really knows what's inside this tunnel. But we are going to open it for the first time."²⁴ This is further evidence that his 2009 statement is a complete and utter distortion—if not of the truth, then at least of what he said before.

So, in 1996, there were tunnels. But in April 1999, Hawass appeared on Fox TV—which, as we know from its coverage of President Bush's antics, is not renowned for its neutral or scientific approach—and denied the existence of tunnels going out from the Tomb of Osiris, an underground structure near the Sphinx. In April 2009, he repeated this story, as if he needed to do so once per decade. But, as mentioned, in August 1996 he was actually filmed walking inside a tunnel under the Sphinx!

As Bauval points out in *Secret Chamber*, the controversy involving Hawass and the Giza Plateau dates back many decades: "Meanwhile something unusual happened involving Zahi Hawass. For reasons that are not clear he started a dig in front of the Sphinx temple, apparently in connection with the Institute of Underground Water of the Egyptian Ministry of Irrigation. A drilling through some fifty feet [15 metres] of debris struck red granite instead of the natural limestone of the area."²⁵

Red granite is not native to the Giza Plateau; the only source is Aswan, hundreds of miles to the south. The very presence of red granite, discovered in 1980 in the vicinity of the Sphinx, proves that there is something underneath the Giza Plateau. And if Hawass says anything different, it should first be seen as a case of "methinketh he protesteth too much". ∞

About the Author:

Based in the UK, Philip Coppens has contributed 15 articles to NEXUS, most recently "Göbekli Tepe: The World's Oldest Temple" (see 16/04).

He is the author of several books, including *The New Pyramid Age* (2007; reviewed in NEXUS 14/06). He was a speaker at the 2007 NEXUS Conference in Queensland, Australia.

Philip Coppens can be contacted by email at info@philipcoppens.com and via his website <http://www.philipcoppens.com>.

Endnotes

1. Bauval, Robert, *Secret Chamber: The Quest for the Hall of Records*, Century, London, 1999, p. 195; also see http://www.robertbauval.co.uk/articles/articles/sc_chapt9.html

2. <http://www.arce.org/main/about/historyandmission>

3. *ibid.*

4. <http://tinyurl.com/rx73ut>

5. <http://www.drhawass.com/blog/keeping-great-sphinx's-paws-dry>

6. <http://www.drhawass.com/blog/story-sphinx>

7. <http://www.dreamscape.com/morgana/hancock.htm>

8. <http://www.drhawass.com/blog/keeping-great-sphinx's-paws-dry>

9. <http://www.drhawass.com/blog/sphinx-scientific-update-report>

10. <http://tinyurl.com/n48wjrr>

11. <http://www.egypttoday.com/article.aspx?ArticleID=7706>

12. http://news.bbc.co.uk/2/hi/middle_east/6999298.stm

13. *ibid.*

14. <http://www.dreamscape.com/morgana/hancock.htm>

15. *ibid.*

16. *ibid.*

17. Picknett, Lynn and Clive Prince, *The Stargate Conspiracy*, Little, Brown & Co., 1999, p. 77

18. <http://www.robertbauval.co.uk/articles/articles/hawass1.html>

19. <http://politicalarchaeology.wordpress.com/page/3/>

20. *ibid.*

21. <http://tinyurl.com/m8397x>

22. Milson, Peter (ed.), "Age of the Sphinx" (transcript of program transmitted on 27 November 1994), Broadcasting Support Services, London, 1994, p. 20

23. Bauval, *op. cit.*, p. 198

24. <http://www.dreamscape.com/morgana/hancock.htm>

25. Bauval, *op. cit.*, p. 194

THE PHYSICS OF GRAVITONS

Press Release, July 2009

A 24 per cent weight loss has been achieved on a spinning disc, claims Australian engineer Ted Roach.

"This will change the way we live, and our understanding of physics and the universe itself," Roach said.

The experiment involved rotating a slightly concave disc, charged with a high positive voltage, and measuring its weight loss.

The first results were achieved in Sydney, Australia, in 2007, and were further developed this year.

Description of Experiment

The equipment involved a 45-centimetre-diameter disc made from a slightly concave dielectric of plastic (or fibreglass). The concavity of the base was equivalent to a section from the surface of a sphere of a radius of 200 metres.

The underside of the disc was covered with a foil composed of 97 per cent silver and three per cent copper. The disc was then immersed in a mercury bath and the amalgam surface polished. Aluminium foil was then placed on the top side of the disc. The disc was then weighed.

An insulated stand was then placed on scales capable of reading to an accuracy of one gram. The insulated stand had an attachment capable of spinning the disc. The disc was then spun, with no observable weight loss being recorded.

A 400,000-volt Van de Graaff generator was then used to positively charge the underside of the disc. When the disc was spun, its weight loss was recorded as

varying between 11.24 per cent and 24.00 per cent, as compared to the weight of the spinning uncharged disc. The weight loss only occurred when the disc was charged and spinning.

The Graviton Lens

Ted Roach describes the rotating disc as a "graviton lens".

"I describe gravitons as like photons (light), except photons are given off by electrons in the outer shell of atoms, whereas I believe gravitons emanate from the nucleus of the atom under very strong fields and pass through all matter forming the gravitational field," he said.

"A graviton lens is a rotating disc that bends gravitons and focuses the gravitational field at a point above the disc. Masses then fall towards the new focal point."

Graviton lenses essentially explain the phenomenon that the universe is expanding exponentially, and why flying saucers can control gravity.

"There are billions of stars in the Milky Way galaxy and billions of galaxies in the known universe which

have survived for billions of years. This fact demonstrates that absolute control over the laws of nature is incorporated in their structure," said Mr Roach.

"My hypothesis is that galaxies, solar systems and flying saucers are all graviton lenses and that they have the capacity to bend gravitons and therefore change the structure of the gravitational field.

"My years of experiments have centred around the development of functioning scale models that depict and duplicate the 'magnetic wind' that encompasses both galaxies and solar systems. With reference to the physics developed in my book *The Physics of a Flying Saucer*, and in particular by harnessing the higher order of intensity in the magnetic field, it became possible to replicate nature and change the gravitational field.

"After my earlier research into gravity, and after my provisional patents were confiscated by the Australian Defence Department and the Australian Safeguards Office, I continued to work in a private



"That's right, no messy cables. This execution is Wi Fi."

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capacity and in a secluded environment.

"This technology is considered as a potential threat to national security in the USA and many other countries, so it is a complete waste of time going down the patent route," Mr Roach commented.

"I am revealing this technology now so that it is not secreted away into military projects and thus kept from being of benefit to mankind. This technology will allow the world to move into a new level of innovation. It will replace motor vehicles, aeroplanes and rockets, and that is only the beginning," Mr Roach said.

GRAVITON LENSES AND THE EXPANDING UNIVERSE

by Ted Roach © March 2009

Introduction

Physicists are currently concerned that the universe is expanding at an increasing rate, and that this is not explained by General Relativity (GR).

Under General Relativity, the universe should expand at a reducing rate, then reach a point and

begin to collapse in on itself.

Either there is an explanation for the expanding universe within General Relativity, or GR itself needs modification—or there is a more complete theory.

Hypothesis

Gravitons exist. Galaxies and solar systems are graviton lenses which refocus the gravitational field, resulting in an expanding universe.

The universe is made up of galaxies and, within them, solar systems. Our solar system, for example, is a flat disc and the Sun gives out a solar wind made of positive ions travelling at 450 kilometres per second. The planets (except tiny Pluto) are all in a plane within the solar wind.

Under Special Relativity, the velocity of a particle relative to a stationary observer creates a time change on the particle proportional to the velocity squared. The solar wind therefore creates a magnetic field or time field in the shape of a disc, surrounding the solar system.

The hypothesis is that the solar wind is a graviton lens and that gravitons from the centre of the

Milky Way galaxy are bent as they enter the Sun's solar wind. This results in the solar system's expansion away from the galactic centre at an ever-increasing speed.

The changed graviton field caused by the graviton lens creates a variable time field and acts like the sail on a sailing boat, which moves the boat forward although it is travelling into the wind. The direction of the gravitons is irrelevant. It is the intensity of the time field that determines the direction of the gravitational force on a mass. For example, gravitons from the Earth radiate outwards forming the gravitational field, yet the intensity is towards the Earth and that is the direction of the gravitational force.

On a spinning disc, a variable time field is also formed. The direction of the motion of a mass on a spinning disc is at right angles to the motion of the disc and in the direction of the intensity of the time field. The same applies to the sail on a boat. The direction of the force driving the boat forward is in the direction of the more intense time field created by the air mass passing over both sides of the sail.

Graviton lenses are concave-shaped magnetic fields that are strong enough to bend gravitons and re-focus the gravitons from the galactic centre. The increased intensity as the gravitons change direction on entering the solar wind causes increased motion in the direction of the new focal point.

Galaxies, like solar systems, are also shaped as discs. Their central cores radiate positive ions to also



The Sombrero Galaxy (M104), an example of a graviton lens (Photo: Hubblesite.org)

form graviton lenses around each galaxy. Gravitons from the central core of the universe are bent as they enter these graviton lenses.

Galaxies are graviton lenses, and these lenses change the gravitational field and cause the universe to expand at an ever-increasing rate not explained by General Relativity.

Furthermore, the hypothesis that galaxies are graviton lenses resulting in a radial acceleration is consistent with the Milky Way and Andromeda galaxies, located in a similar neighbourhood, being pulled closer due to their own gravitational fields.

Proving the Hypothesis: Making a Graviton Lens

Gravitational, electric and magnetic forces are "apparent forces", and are more accurately described as one-, two- and three-dimensional time fields. Using Special and General Relativity, formulae for the rate of change of time in these dimensional time fields, as well as the time intensity in each field, can be derived.

(A paper showing the formulae as derived was submitted to *Physical Review Letters* some years ago, and a lecture was given to over 200 attendees at a meeting of the Physics Society at the University of Sydney.)

If the solar wind is a magnetic field, or three-dimensional time field capable of bending gravitons, the same effect can be achieved with an intense magnetic field (T_m).

From the formulae, the time intensity on a particle in a magnetic field " T_m " is proportional to the charge " q " on the particle, its velocity " v " and its acceleration " a ". A charged rotating disc satisfies the formulae. To produce a graviton lens, the charge " q " needs to be positive and the base of the disc needs to be a very shallow concave shape.

An experiment was conducted using a circular plastic disc, 1.2 metres in diameter and slightly concave. The protective paper on the disc was quickly removed to create a positive charge and the disc was spun. The spinning disc rose four metres and hovered, then fell to the floor. The experiment was repeated with a discharged disc. No upward motion occurred.

Confirmation of this experiment, especially in a vacuum, needs to be conducted by other independent parties.

Further experiments have been conducted using a plastic disc with a shallow concave base. The base of the disc was then covered with a thin layer of silver amalgam. An aluminium plate was fixed on top of the disc to form a capacitor. The top was charged and the base of the disc was discharged. This resulted in the base of the disc having positively charged metal ions of Hg and Ag. When the disc was spun, its weight noticeably reduced.

These experiments need to be verified under controlled conditions.

Conclusion

Graviton lenses prove the

existence of gravitons. Graviton lenses can bend the path of gravitons. The expanding universe is caused by galaxies and solar systems being graviton lenses.

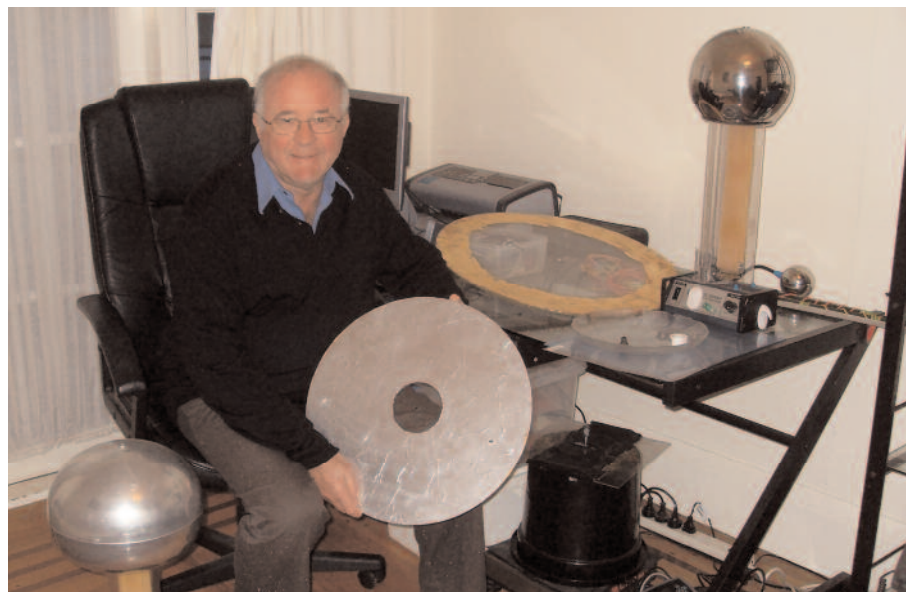
With these exciting results, controlled experiments and further research and development are justified in order to commercialise the graviton lens.

Commercial applications for the use of the graviton lens are unlimited in their potential to revolutionise methods of travel (including space travel), communication, lifting of heavy loads, clean energy systems, replacement of fossil fuels, medical technologies and more. ∞

About the Author:

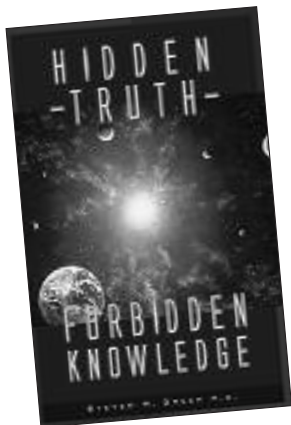
Ted Roach is an engineer and the author of *The Physics of a Flying Saucer* (1997; reviewed in NEXUS, vol. 4, no. 5). An e-book version can be purchased from <http://www.lulu.com>. His article "The Physics of Space, Time and Flying Saucers" was published in NEXUS, vol. 5, no. 2.

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Engineer Ted Roach with one of his experimental discs

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The Jade Tower

In Tibetan scriptures and in Far Eastern tradition, there is an ancient and widespread belief in a Secret Kingdom of Wise Men living in seclusion in inaccessible mountainous parts of Asia. Orientalists call this mysterious place Chang Shambhala, or Northern Shambhala (sometimes spelled Shamballa). Tibetan monks insist that there is an enigmatic valley of great beauty, surrounded by a circle of snowy mountains extending from northern Tibet into Mongolia, that is inaccessible to travellers without experienced or mystical guidance.

It is said in tradition that this hidden land is unreachable except to initiates or persons dedicated to the spiritual resurrection of mankind. Its centre is highlighted by the famous Jade Tower that stands in an ancient city which monks claim is heated by warm water rising from underground streams, and the steam generated rises into the atmosphere to form a natural temperature inversion. This valley is not seen from the air because the phenomenon produces a high, light, misty cover that conceals the underlying landscape. Various exploratory teams journeying in the Himalayas claimed to have camped by hot thermal springs that nourished rich vegetation in areas outside of which there was nothing but desolation, rock and ice. Like the Tibetans, Russians and Chinese, the people of India also believe in the reality of an abode of perfect men and women which they call the Kalapa (sometimes Katapa) of Shambhala, who live in the constant presence of other-worldly energies.

Professor Nicholas K. Roerich, an eminent Russian author, painter and explorer (1874–1947), spent five years, from 1923 to 1928, trekking through all seven Tibetan prefectures. He wrote in his book *Himalayas – Abode of Light* (N. K. Roerich, Nalanda Publications, Bombay, 1947) that this secret valley is beyond great lakes and the snow-covered peaks of the highest mountains in the world. It seems that Professor Roerich actually reached Shambhala, and for this reason his books and paintings were thoroughly analysed for this article, as were the works of his son, Dr George Roerich (1902–1960), an outstanding orientalist, philologist, art critic and ethnographer with degrees from Harvard and the Sorbonne. The Roerich family lived in the Kulu Valley of northern India, in close proximity to the border of western Tibet, and from there organised several major expeditions into unexplored areas of the Tibetan Plateau, the highest land on Earth. These expeditions were manned by dozens of Norwegian, Sherpa, Tibetan, Mongol and Chinese assistants, and at times their missions endured for many months.

Another renowned researcher, Andrew Tomas, author of *Shambhala: Oasis of Light* (Sphere Books, London, 1977), spent many years in Tibet, where he learned that the realm of Shambhala is situated in a valley sheltered on every side by mighty snowy ranges and that its residents retreat into huge subterranean catacombs.

These and other explorers of Asia have written about unsuspected valleys lost amidst colossal snowy mountains on the Tibetan Plateau, said to lie hidden somewhere in the vast reaches of the Himalayas.

The Bhagavata Purana and the Sanskrit encyclopaedia *Vachaspathya* locate Shambhala on the northern side of the Himalayas at the foot of Mount Meru, where many believe that the temporal and the eternal meet. A more defined location is shown on a 17th-century map published in 1830 in Antwerp by Csoma de Körös, an Hungarian philologist who had spent four years in a Buddhist monastery in Tibet.

He gave Shambhala's geographical bearings as between 45 and 50 degrees north latitude beyond Lake Manus Hu, approx. 100 kilometres east of the village of Karamay. Remarkably, another old monastic document, sighted by Russian explorer Nikolai M. Prjevalsky (1839–1888), defines the longitude of Shambhala as at 88 degrees (N. M. Prjevalsky, *Mongolia*, London, 1876, translated by Boris Fereng, p. 63). These two coordinates locate the domain of Shambhala as slightly east of the Altai Mountains, a major mountain system in Central Asia, peaking at 4,506 metres (14,783 feet), and precisely where the Roerich expeditions trekked on several occasions.

The Secret Entrance to the "Valley of the Immortals"

For millennia, the peoples of Asia have believed this forbidden territory to be well guarded, accessible only to the pure of heart. But the questions to be addressed are: who are the people that live in this secluded area...and what is their nature? Tibetan legend insists that this secret place is inhabited by "Silent Sentinels"—formerly ordinary men and women who received a "passport" to Shambhala because of their spiritual progression.

Andrew Tomas presents impressive evidence from Tibetan sources in ancient monastic libraries that he was privileged to access, and his findings help us learn more about this enlightened colony:

The Brotherhood of Shambhala is presided over by a small hierarchy of superior beings sometimes alluded to as Mahatmas, which in Sanskrit means "the great-souled ones". They are superhuman beings with preternatural powers who have completed their evolution on this planet but remain with humanity in order to facilitate its spiritual progress ... the life-span of their bodies is almost indefinite because the Wheel of Rebirth has stopped for them.

(Andrew Tomas, *Shambhala: Oasis of Light*, op. cit., pp. 43-44, *passim*)

For millennia, the peoples of Asia have believed this forbidden territory to be well guarded, accessible only to the pure of heart.

In other words, they are Immortal Beings—and from what is known about this galaxy of illumined peoples, the concept of reincarnation is an essential part of their philosophy. Tibetan manuscripts add that "from time immemorial, a dynasty of wise rulers of celestial origin has ruled the Kingdom of Shambhala and preserved the priceless legacy of Kalachakra, the mystic science of Esoteric Buddhism" (Giuseppe Tucci, *Tibetan Painted Scrolls*, Rome, 1949, vol. 1).

After seven years in Tibet and China, German author Hartwig Hausdorf wrote in his book *Die weisse Pyramide* ("The White Pyramid") that the Elders of Shambhala "are not entirely of this world; they smack more of an Alien Mind...a species that the Universal Mind has placed on our Earth" (Hartwig Hausdorf, *Die Weisse Pyramide*, republished in English by New Paradigm Books, Florida, 1998, pp. 92, 102, *passim*).

Since time immemorial, Tibetans and other Asian races have believed that in their midst lived sages who had liberated themselves from death and wandered the Earth and the Universe at will in a physical body. Ancients called them "holy immortals" and claimed that they had developed a series of alchemical "elixirs of deathlessness", including powdered jade mixed with

cinnabar that they drank to help prepare their bodies for the state of *hsien*—material immortality in an etherealised body.

The now-called *Mahatma Letters to A. P. Sinnett* were written between 1880 and 1885 by Mahatmas who were said to have actually inhabited Shambhala itself, and thus they represent a first-hand source about the realm from within the closed circle of the Sages of the East themselves. (Alfred Percy Sinnett [1840–1921] was the British editor of the English daily newspaper, the *Pioneer*, in Allahabad, India, where he lived from 1879 to 1889, and who was privileged to be admitted into the Himalayan Brotherhood of High Yogis.) From this correspondence, Sinnett wrote *The Occult World* (1881) and *Esoteric Buddhism* (1883), both of which had a major influence in generating public interest in Theosophy. The replies and explanations given by the Shambhalan Mahatmas to Sinnett's questions were embodied in their letters and published in 1923 as *The Mahatma Letters to A. P. Sinnett*. (The original letters from the Mahatmas are preserved in the British Library and can be viewed by special permission in the Department of Rare Manuscripts.)

The picture of this mysterious kingdom comes further into focus after a study of the writings of the Mahatmas, who were believed to be a class of people with

prophetic abilities. In one letter to Sinnett in 1881, the author, the venerable Mahatma Morya, an eastern initiate of Rajput birth, describes the imposing secret entrance into the Valley of the Immortals:

At a certain spot not to be mentioned to outsiders, there is a chasm spanned by a frail bridge of woven grasses and with a raging torrent beneath. The bravest member of your Alpine clubs would scarcely dare to venture the passage, for it hangs like a spider's web and seems to be rotten and impassable. Yet it is not; and he who dares the trail and succeeds...as he will if it is right that he should be permitted...comes into a gorge of surpassing beauty of scenery, to one of our places and to some of our people, of which and whom there is no note or minute among European geographers. At a stone's throw from the old lamasery stands the old Tower within whose bosom have gestated generations of Bodhisattvas [compassionate persons whose essence is perfect knowledge].

(Passport to Shambhala, published by the West Siberia Geographical Society, 1923, Letter 18, p. 31, English translation by Professor Vladimir Andrei Vasiliu, 1933 [includes a complete collection of The Mahatma Letters to A. P. Sinnett])

The dwellers of various villages in Tibet have claimed that none can pass certain areas without a permit: Mahatma Morya added to the intrigue:

You have already heard from reliable travellers how guides refuse to lead them in certain directions. They would rather let themselves be killed than lead you forward. So, if a reckless traveller nevertheless goes forward, a mountain landslide begins to rumble before him. If the traveller surmounts this obstacle, then a shower of stones will carry him away, for the unwelcome one shall not attain his destination.

(op. cit., Letter 18, p. 32)

People and animals are known to have unnaturally trembled on approaching certain localities in that area, as if bombarded by invisible rays. An unnamed 19th-century Dalai Lama, the spiritual leader of Tibet, "...at one stage travelled the long journey from Lhasa to Mongolia and at one place on the route people and animals in his caravan began to quiver for no apparent reason. The Dalai Lama explained the phenomena by saying that the party was crossing part of the forbidden zone of Shambhala whose psychic vibration was too high for the travellers" (N. K. Roerich, *Heart of Asia*,

Roerich Museum Press, New York, 1930; also Andrew Tomas, *Shambhala, op. cit.*, p. 54).

The Russian explorer N. M. Prjevalsky and the German linguist and historian A. H. Francke record in their books the strange behaviour of natives who could not be forced under any condition to enter certain districts in northern Tibet (N. M. Prjevalsky, *Mongolia, op. cit.*, p. 101; A. H. Francke, *A History of Western Tibet*, Partridge and Co., London, 1907). A Russian member of one of Roerich's expeditions personally told Andrew Tomas that their group had the same experience in the depths of Asia, where, for no apparent reason, assistants in the expedition refused to proceed further at one spot in northern Tibet. The Russian himself admitted that he could not understand why he did not feel like riding any further, saying that it was "weird and inexplicable", a feeling that he did not wish to experience again (Andrew Tomas, *Shambhala, op. cit.*, p. 58).

Mysterious Mountain People

In Turfan, Sinkiang, western China, Roerich expedition members listened to an intriguing story of a tall, dark-haired woman wearing an earnest expression on her face who regularly came out of the deep caverns to help the needy, her deeds instilling great respect among the populace throughout the entire Asiatic region.

"Riders vanishing with torches into subterranean passages were also mentioned" (Andrew Tomas, *Shambhala, op. cit.*, p. 59), as were eyewitness reports of brightly clad, crowned lamas (supposedly from Shambhala) seen seated in

palanquins, each carried by four men.

Roerich indicates that tall, slim, white-skinned people had been seen disappearing into rock galleries upon the approach of strangers. Later, when his expedition was crossing the Karakoram Pass, Roerich relates that he was informed by a native guide that tall, white-clad men and women had been seen on occasions appearing from secret entrances in that area, and sometimes travellers were helped by these mysterious mountain people. In the early 1900s, the *Statesman* newspaper in India published a story about a British major who had seen a tall, lightly clad man with long hair leaning on a high bow and scanning the valley.

Noticing the major, the man jumped down a vertical slope and disappeared. The natives calmly said to Roerich, "He had seen one of the snowmen who guard the sacred land" (N. K. Roerich, *Heart of Asia, op. cit.*).

"The Dalai Lama explained the phenomenon by saying that the party was crossing part of the forbidden zone of Shambhala whose psychic vibration was too high for the travellers..."

In one of his paintings, Roerich portrays a Snow Maiden amidst rocks and snow, also holding a bow. In spite of the glaciers and the apparent cold conditions, she is lightly clad as if protected from the cold by a warm aura. Roerich adds:

In the foothills of the Himalayas are many caves, and it is said that from these caves subterranean passages proceed far below Kinchinjunga. Some have even seen the stone door which has never been opened because the date has not arrived. The deep passages proceed to the splendid valley.

(N. K. Roerich, *Himalayas – Abode of Light*, *op. cit.*, cited in Andrew Tomas, *Shambhala*, *op. cit.*, p. 39)

Professor Roerich's reference defines the "splendid valley" of the "Immortals". Early in his long journey, Roerich came across pilgrims who told him: "Behind those mountains live holy men and women who are saving humanity through Wisdom; many have tried to see them but failed ... somehow as soon as they go over the ridge, they lose their way" (N. K. Roerich, *Heart of Asia*, *op. cit.*; also Andrew Tomas, *Shambhala*, p. 59, *passim*). "Yet Nicholas Roerich went into that territory on a pony.

He remained absent for a few days and, when he returned, Asiatics prostrated themselves at his feet, exclaiming that he was a 'god', for no man could have penetrated the frontier of Shambhala without divine credential" (Andrew Tomas, *Shambhala*, *op. cit.*, p. 58).

Maybe there was a reason for Roerich's unrestricted entry into the forbidden enclave, for the Mahatmas assured Sinnett: "...[those whom we] desire to know will find us at the very frontiers" (*Passport to Shambhala*, *op. cit.*, Letter 15, p. 131). Roerich's remarks to a lama (religious teacher) in Tibet suggest first-hand knowledge of his reaching Shambhala: "We ourselves have seen a white frontier post of one of the three posts of Shambhala" (N. K. Roerich, *Himalayas*, *op. cit.*).

Apart from searching for the home of the Mahatmas, the purpose of one of Roerich's expeditions across Tibet and Xinjiang to Altai in 1928 is not made entirely clear in his diary, but it appears to have been related to the return of a small section of a sacred Cosmic Stone to its rightful home in the Jade Tower in the centre of Shambhala.

"This fragment was last sent to Europe to aid in the establishment of the League of Nations which, though ending in failure, was so desirable after the First World War" (J. Saint-Hilaire, *On Eastern Crossroads*, New York, 1930, cited by Andrew Tomas, *Shambhala*, *op. cit.*, p. 63).

This fragment was said to be part of a much larger Cosmic Stone, and it seems that Roerich was a predestined carrier to return it to Shambhala.

A Lost Oasis of Advanced Spiritual Culture

The folklore of old Russia also points to the reality of a community of inspired men and women at a place in the heart of Asia, called Belovodye, in Russian—the Land of the Living Gods. In the annual *Journal of the Russian Geographical Society* for 1903, there is an article titled "The Journey of Ural Cossacks into the Belovodye Kingdom", written by an explorer named Korolenko. Likewise, in October 1916 the West Siberia Geographical Society published an account by Belosludov, a Russian historian, titled "To the History of Belovodye".

Published as they were by scientific bodies, both of

these articles are of great interest because they reveal a strong tradition that still circulates among "old believers" in Russia, one that maintains that Belovodye is a secret earthly paradise existing somewhere in the area of far southwestern Siberia.

These two articles lend support to our basic theme of a hidden, sacred kingdom somewhere around the northernmost regions of Tibet, a kingdom of ancient high wisdom.

The traditional tale about the extraordinary, reclusive people of an ancient civilisation in this hidden land was relayed by a mysterious native sage to Russian psychiatrist and author Dr Olga Kharitidi during her stay in remote Siberia:

Their main achievements had been in developing the inner dimensions of the mind; their entire society possessed a beautiful spiritual intensity that in modern materialist culture is experienced only by a few. They possessed incredible psychological wisdom. They were able to control their personal experience of time, and they had learnt to communicate telepathically over great distances. They had great skills in projecting the future, and their social structure was the most effective that ever existed.

(Dr Olga Kharitidi, *Entering the Circle*, HarperSanFrancisco, 1996)

But one law of the Valley of the Immortals forever remains in force, that being that "the unwanted shall not reach" it (*Road to Shambhala*, a rare 18th-century Tibetan book written by the third Panchen Lama or "Great Scholar" (1738–1780), translation by Cheng Yuan, 1901).

Only those who have heard "Kalagiya, the call to Shambhala sent on the wind" (*ibid.*) or by telepathic

This fragment was said to be part of a much larger Cosmic Stone, and it seems that Roerich was a predestined carrier to return it to Shambhala.

communication from the Great Masters can ever hope to arrive safely in the "Valley of the Wisest People on Earth" (L. C. Hamamoto, *The Soul Doctrine*, Lhasa, translation by C. Chan, 1916, p. 67).

Eyewitness Reports of Shambhala

During the first century CE, Apollonius, a highly regarded and charismatic Greek sage, received "the call" and travelled to Shambhala. He had earlier received "directions" and knew exactly where to find what was then called the "Abode of the Sages" (A. P. Sinnett, *Esoteric Buddhism*, London, 1903 reprint from the 1883 original).

Apollonius was born at Tyana in Cappadocia in the third year of this era and died in 98 CE. He was named after the Greek god Apollo, and the populace fondly called him "the son of God" (*Encyclopaedia Britannica*, 9th ed., vol. 10, "Apollonius"). He taught the doctrine of the "Inner Life" (*ibid.*), went barefoot, wore his hair long, cultivated a beard and clothed himself in white linen garments. On his travels he took an Assyrian scribe called Damis, who documented Apollonius' sayings and deeds in a daily diary. It was from Damis' collection of 97 codices that the remarkable stories of Apollonius' life experiences were preserved.

Around 200 CE, Empress Julia Domna, second wife of the British-born Roman Emperor Septimius Severus (emperor from 193 to 211 CE), exhibited such an interest in Apollonius' life that she commissioned the Greek scribe and sophist, Flavius Philostratus (c. 170 – c. 245 CE), to write the biography, which he called *The Life of Apollonius of Tyana*.

From these records, we learn that Apollonius stayed in the Trans-Himalayan country for many months (Philostratus, *The Life of Apollonius of Tyana*, Loeb Classical Library, London, 1912, eight books in two volumes, translated by F. C. Conybeare; note that the upcoming Apollonius quotes are drawn from Book 3, which is almost entirely devoted to his journey to northern Tibet). Upon Apollonius' arrival in "a city under the mountain called Paraca" (*ibid.*), he presented a letter to the then king, Hiarchas (Iarchas in some translations, meaning "Holy Ruler"), and was surprised to learn that its contents were already known to the king.

Apollonius turned to Damis and said, "We have reached men who are unfeignedly wise, for they seem to

have the gift of foreknowledge" (*ibid.*). During his time there, he witnessed incredible things such as wells in the ground projecting vertical beams of brilliant bluish light. He also talked with amazement about what he called *pantarbes*, or luminous stones, that could be activated to radiate so much light that night could be turned into day at will. The scientific and mental achievements of the inhabitants of this lost city impressed Apollonius so much that he only nodded his head when King Hiarchas said to him, "Ask us whatever you like, for you find yourself among people who know everything" (*ibid.*). Apollonius enquired as to who they thought themselves to be, and King Hiarchas replied, "We consider ourselves to be gods" (*ibid.*). Not only did

Apollonius see the people of Shambhala utilise the power of the Sun, but...

...he saw them levitating themselves two cubits [approx. one metre] high from the ground, not for the sake of miraculous display, for they disdain any such ambition; but they regard any rites they perform, in thus quitting earth and walking with the Sun, as acts of homage acceptable to the God.

(Philostratus, *The Life of Apollonius of Tyana*, *op. cit.*, Book 3)

Parallel phenomena were reported in the 20th century by renowned orientalist, author and the first western female lama, Madame Alexandra David-Néel (1868–1969), thus supporting the ancient records of Philostratus. She describes Shambhala as a realm "not moored in time or space as we are; Shambhala is here today and gone tomorrow" (Alexandra David-Néel, *Magic and Mystery in Tibet*, Dover Publications, New York, 1971, first

published in 1929).

Of the inhabitants of Shambhala, Apollonius said they were "living upon the earth and yet not on it, and fortified without fortifications, and possessing nothing, yet having the riches of all men" (Philostratus, *The Life of Apollonius of Tyana*, *op. cit.*, Book 3).

As for the ideology of the inhabitants, King Hiarchas professed a cosmic philosophy according to which "the Universe is a living thing" (*ibid.*). *The Mahatma Letters* stresses the fact that they are not atheists or agnostics but pantheists in the widest sense of the word, believing that God and the Universe are ultimately identical. Their concept of cosmic evolution is the basis of why the idea of reincarnation is a major part of the philosophy of the Guardians of Mankind.

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Trans-Himalayan Stonehenge

In 1928, and at an altitude of 4,572 metres (15,000 feet) in his Trans-Himalayan journey, Roerich was stunned to see three long straight rows of tall, vertically standing, inscribed stones distinguished from the surrounding environment by their peculiar shape and design. This huge stone complex ended with a large circle of standing stones with three menhirs in its centre. He described the structure as a combination of Stonehenge in England and Carnac in the ancient Celtic world of Brittany, sites that he had visited previously. His caravan was destined to stop overnight near this stone enigma, but he stayed for three days and discovered four additional rows of vertical stone formations in surrounding areas.

Amazed by what he was witnessing, Roerich asked his Tibetan guides, "Pray tell me, who set these stones?" He was told: "Nobody knows ... but this district from ancient times has been called Doring ... the place of the sacred standing stones. Our Ancients say that an unknown people passed here a long time ago; they stopped for several generations but it did not become their permanent abode" (N. K. Roerich, *Himalayas, op cit., passim*). Roerich marvelled at the fact that travelling through the heights of the Trans-Himalayas he came across "the embodiments of Stonehenge and Carnac" (*ibid.*).

Roerich was stunned to see three long straight rows of tall, vertically standing, inscribed stones distinguished from the surrounding environment by their peculiar shape and design.



This painting by Roerich, titled *The Black Gobi*, shows a few of hundreds of ancient inscribed vertical standing stones on the barren heights of the Himalayas near the Gobi Desert. © Nicholas Roerich, 1928; private collection (Note: Beautiful reproductions of many of Roerich's paintings can be purchased from the Nicholas Roerich Museum, New York; visit <http://www.roerich.org>.)

More Strange Phenomena in Tibet

Peculiar happenings have occurred in this vast territory, and some of those events reveal the presence of superior spiritual beings.

Madame Alexandra David-Néel, in her book *The Superhuman Life of Gesar of Ling* (published by Claude Kendall, New York, translation by Violet Sydney, 1934, first published in 1931), relates a personal and curious episode that took place in the small town of Jyekundo,

located in a desolate district in northeastern Tibet. While there, she met a Tibetan lama who had the reputation of occasionally disappearing into a snowcapped mountain region where no villages existed and where a person could easily starve or quickly freeze to death. Inevitably he would return to civilisation after some time, and in reply to curious questions he would only say that he had been with "gods in the

mountains" (*ibid.*).

One day, Madame David-Néel half-seriously asked the lama if, on his next trip, he would present a small gift of a bunch of Chinese paper flowers to "the Ruler of the Mountains" (*ibid.*).

Some months later, returning from his journey into that mysterious domain, he handed the French savant a souvenir given to him by that very person. It was a beautiful blue flower that blooms in southern Tibet in July. David-Néel was stunned, saying that in Jyekundo at

that time the temperature was 20 degrees below zero, the river was covered with a layer of ice two metres deep and the ground was frozen solid.

"Where did you get this from?" she asked in amazement. The lama answered, "Maybe from a warm valley in the north" (*ibid.*).

Roerich also recorded a series of extraordinary supernatural happenings, one being the sudden appearance of Rigden Jyope (or Djapo), the Ruler of Shambhala. It is said that when he entered a particular lamaist temple, the candles all suddenly lit themselves. Roerich relayed this story:

There was a case of a sudden appearance of an exquisite perfume, as if from temple incense, right in the heart of the Gobi with the stony desert extending for hundreds of kilometres in all directions.

Not a single temple or hut was in sight and yet all the members of the expedition experienced the scent in their nostrils at the same time. This had happened on several occasions and there was absolutely nothing to explain it.

(Quoted in Andrew Tomas, *Shambhala*, op. cit., p. 57)

In the dark of numerous nights, Roerich saw vivid flashes of vertical pillars of white light streaking into the sky. "What is happening?" he asked his lama guides. They answered, "These are the rays from the Tower of Shambhala" (N. K. Roerich, *Himalayas*, op. cit.), explaining that the beams were purposely directed upwards from a large, triangular-shaped, glowing stone—the so-called Chintamani Stone—that sat atop the Jade Tower. They told him it possessed occult properties capable of giving telepathic inner guidance and effecting a transformation of consciousness in those in contact with it.

The astonishing thing about this tradition is that the Chintamani Stone is said to have been brought to Earth "on a winged horse [a *lung-ta*] by messengers of the gods from a solar system in the constellation of Orion" (Dr Walter Y. Evans-Wentz, *The Tibetan Book of the Great Liberation*, Oxford University Press, 1954).

It seems that there was more than one of these strange and "Precious Stones" (*ibid.*), for, according to ancient lamaist lore, three of these pyramidal capstones were brought to Earth and set up in various locations wherever a spiritual mission vital to humanity was established. A suggestion is that one was on the summit of the Great Pyramid at Giza, another on the Jade Tower of Shambhala, and the third may now be



This is a replica of a magical sceptre with strange powers that Tibetan lamas said "came from the sky" for the use of the kings of Shambhala. © British Museum, London (Department of Asia)

under the sea in a place we know as Atlantis.

The Mystery of the Magical Sceptre

In Tibet, it is traditionally held that in the year 331 CE a chest "came from the sky" (Andrew Tomas, *Shambhala*, op. cit., caption in photographs section), in which were found four sacred objects. Among them was a magical golden rod called a *dorge*, said to have extraordinary supernatural capabilities. Fabulous accounts of this rod have been circulating in Tibet for centuries, and silver, brass and iron replicas are found in most Tibetan lamaseries today. It is believed that it emanated a brilliant radiance during special religious ceremonies, and in the hands of the King of Shambhala it was

capable of focusing and manipulating potent cosmic forces. It is said that it also had the power of casting thunderbolts and burning holes in clouds.

Many years after the discovery of the casket, five strangers suddenly appeared before the then King of Shambhala, Tho-tho-ri Nytan-tsan, and instructed him on the proper use of the objects in the casket.

Peculiar Craft over the Himalayas

Mahatma Morya called Shambhala "the City of Science" (*Passport to Shambhala*, op. cit., Letter 62, p. 101), and that makes it appropriate to examine the possibility that this colony (or colonies) of a superior culture possesses an advanced technology.



This painting, titled *Command of Rigden Djapo*, like many of Roerich's works contains concealed messages. Note the darkened fuselage of a sleek aircraft angled upwards, complete with a vertical tail section (left of picture). In the top left corner, he subtly depicts pyramidal structures, maybe references to the 100 or so pyramids now known to exist in northern Asia. © Nicholas Roerich, 1926–27; private collection, Moscow

That the inhabitants of this enigmatic settlement are science-conscious can be established from a story relayed by Roerich about a lama who was returning to his lamasery after a long trip from an outlying community. In a narrow secret subterranean passage, the lama met two men carrying a thoroughbred sheep, and they told him the animal was for scientific breeding in the Valley of the Immortals (N. K. Roerich, *Altai-Himalaya: A Travel Diary*, Arun Press, Brookfield, CT, 1983, first published in 1929).

In another account of Central Asia, titled *Beasts, Men and Gods*, researcher and author Dr Ferdinand Ossendowski records some fascinating facts, and his documentation is as intriguing to read as that of Nicholas Roerich, Alexandra David-Néel and Andrew Tomas. A Mongol lama told Dr Ossendowski not only about an extensive tunnel system under the Himalayas but of "strange vehicles that rushed through them at extremely high speed" (Ferdinand Ossendowski, *Beasts, Men and Gods*, E. P. Dutton & Co., New York, 1922).

To speak of machines moving rapidly underground is to suggest a technological achievement of a high calibre in a time that appears to precede our current understanding of complex machinery by centuries. This tradition originated long before the western world developed any sort of technology. There is a similar rumour that subterranean vehicles once operated under the Giza Plateau (10th-century Arabic traditions). We should consider the possibility that maybe Shambhala and the Great Pyramid are connected by a tunnel system.

In his travels through Tibet, Roerich read old lamaist texts that spoke of "iron serpents which devour space with fire and smoke" and "inhabitants of the distant stars" (N. K. Roerich, *Heart of Asia*, *op. cit.*). Also, incredible sightings of fast-moving airships in the zone of Shambhala are numerous. This report from Roerich's diary describes what happened as his expedition was advancing in the vicinity of the Karakoram Mountains:

On August fifth—something remarkable! We were in our camp in the Kukunor district not far from the Humboldt Chain. In the morning about half-past nine some of our caravaneers noticed a remarkably big black eagle flying over us. Seven of us began to watch this unusual bird. At this same moment another of our caravaneers remarked, 'There is something far above the bird.' And he shouted in his astonishment. We all saw, in a direction from north to south,

something big and shiny reflecting like the sun, like a huge oval moving at great speed. Crossing our camp this thing changed in its direction from south to southwest. And we saw how it disappeared in the intense blue sky. We even had time to take our field glasses and saw quite distinctly an oval form with shiny surface, one side of which was brilliant from the sun.

(N. K. Roerich, *Altai-Himalaya*, *op. cit.*)

Roerich's sighting was some two decades before pilot Kenneth Arnold filed his famous report of a formation of silver, circular, metallic craft skipping across the sky near Mount Rainier in Washington, USA, which resulted in the

coining of the term "flying saucers". Only an aircraft of unknown type could have performed the abrupt aerial manoeuvres recorded in Roerich's diary. At the sight of the disc in the sky, one of the lamas with the expedition calmly said to Roerich: "This is the sign of Shambhala ... you are guarded by the Immortals of Shambhala ... did you notice the direction in which this sphere moved[?] ... you must follow the same direction" (N. K. Roerich, *Heart of Asia*, *op. cit.*, *passim*).

The Shambhala Triangle

In our search for the mysterious "Valley of the Immortals", the second part of our story identifies the location of Roerich's "three posts of Shambhala" which form a "Shambhala Triangle", an area of captivating events that include the recent discovery of interstellar tragedy records and sightings of clusters of pyramids in Tibet.

To be continued next edition...

About the Author:

Tony Bushby has contributed many articles to NEXUS, most recently "Celestial Prophecies and the Great Pyramid", published in vol. 15, nos 5 and 6. He is the author of several books: *The Bible Fraud* (Joshua Books, 2001; reviewed in NEXUS 8/06 with extracts in NEXUS 9/01–03), *The Secret in the Bible* (Joshua Books, 2003; reviewed 11/02; extract, "Ancient Cities under the Sands of Giza", in 11/03); *The Crucifixion of Truth* (Joshua Books, 2005; reviewed in 12/02); *The Twin Deception* (Joshua Books, 2007; reviewed in 14/03); and *The Christ Scandal* (Stanford House, 2008; reviewed in 15/05).

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THE REAL DA VINCI PROPHECIES

by Fabio R. de Araujo © June 2009

Although *The Da Vinci Code* novel and film begin with a prophecy written by Leonardo da Vinci, did you know that the European genius predicted wars, killing machines, huge global natural changes, advances in communication and much more?

Leonardo was born in 1452 in the small village called Vinci, near Florence, and for this reason he is known today as Leonardo da Vinci. He is seen today as a genius in the arts, one of the greatest painters of all time, and someone extremely intelligent and talented. Some people consider him to be the most intelligent person who ever lived. While Leonardo produced the most famous painting in the world, the *Mona Lisa* or *La Gioconda*, he also created drawings of future machines that reveal an incredible imagination, intelligence and maybe the ability to predict the future. He conceptualised a flying machine, a helicopter, the parachute, the tank, solar power, the

calculator, the automated bobbin winder, a spring-powered car, the machine gun, the scaling ladder, etc.

It is said that when Leonardo left Italy and went to France, he carried nothing with him except 10,000 sheets of paper, which was a huge number if we take into account that the largest European libraries at that time had just a few hundred

manuscripts and, in rare cases, little more than one thousand. Leonardo died in 1519 and left behind the manuscripts, which today are held in the National Library of France.

The real da Vinci prophecies, scattered in a manuscript codex, were published for the first time in Italy in 1899 in a book titled *Frammenti letterari e filosofici* ("Literary and Philosophical



Fragments"), compiled by Edmondo Solmi. This book was probably based on *The Literary Works of Leonardo da Vinci* (London, 1883), by Jean Paul Richter, and on the 1881 publication as a facsimile of Leonardo's Codex.

Leonardo da Vinci regained worldwide fame suddenly when he became the centre of Dan Brown's bestselling *The Da Vinci Code* mystery detective novel and later the film, read and watched by millions of people. In fact, the story begins when Professor Langdon uncovers an ancient parchment which historians believed to be the work of Leonardo da Vinci. The encoded parchment, bearing the name *La Profezia* ("The Prophecy"), raised eyebrows when scholars discovered it was signed

LSPDV: Leonardo's full name was Leonardo Ser Pieri da Vinci.

Although it is clear that the prophecy in *The Da Vinci Code* novel is not authentic, the da Vinci prophecies included below are the real ones: they had lain forgotten in the National Library of France for about 400 years.

The prophecies presented here were translated from Italian from Solmi's book, but the 1925 edition. Da Vinci's text, written in 16th-century Italian (not modernised, and different from the Solmi edition), was checked for comparison purposes. Some of these prophecies are extremely curious, but others were left out because they don't seem to make sense.

• **Prophecies about strange animals (possibly tanks and aeroplanes, but maybe also genetically engineered creatures):**

From the land, animals dressed in darkness will come out, which in wonderful assaults will attack the human generation and, through terrible bites and bloodshed, will devour them.

Through the air the flying specimens will go, which will attack men and animals, from which they will feed voraciously: full will be their intestines with red blood.

Many men will be seen in animals moving very quickly towards the end of their lives and in a very quick death.

Through the air and over the land, animals will be seen in many colours carrying ferociously the men to the destruction of their lives.

Huge bodies without life will be seen carrying ferociously many men to the destruction of their lives.

• **Prophecies about what seem to be the consequence of weapons of war, and perhaps chemical weapons used in a future war:**

A terrible illness will come to mankind, so that they will lacerate themselves with their own nails.

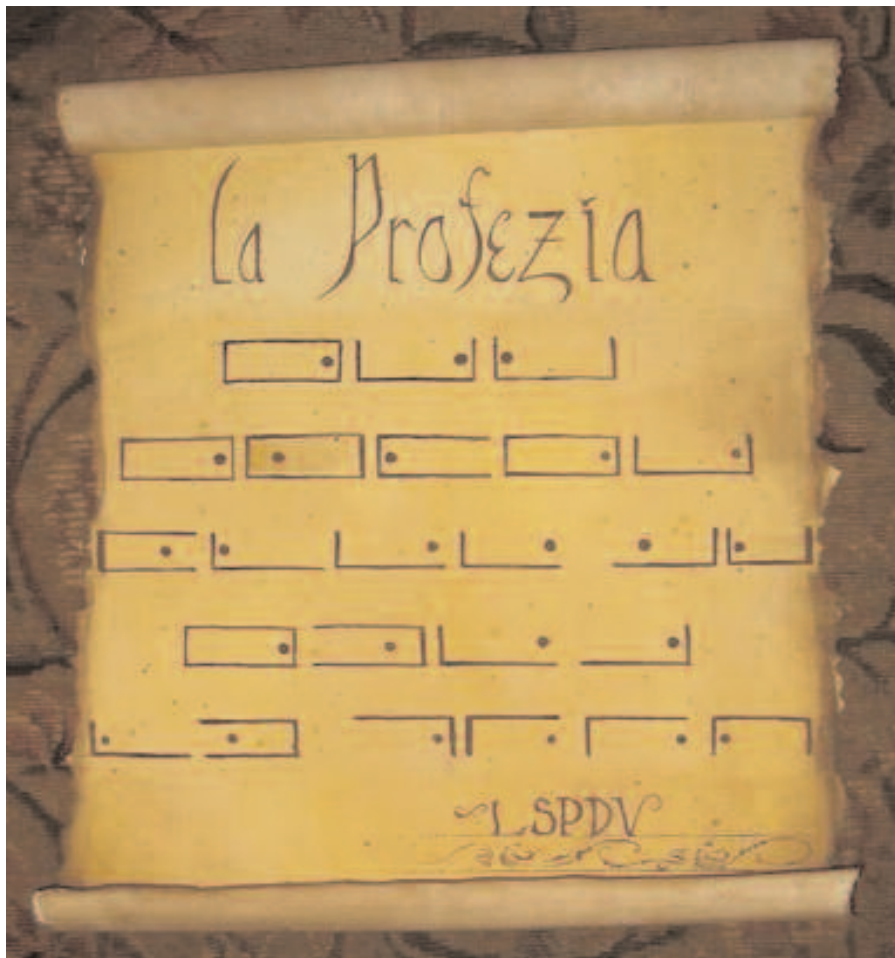
Plants will be seen without leaves.

Many people will die and there will be many holes over the earth.

Men will throw away their own food.

Many people will die with the head broken, and their eyes will be out of their head, because of frightening animals that will come from the darkness.

Many peoples will hide themselves with their families and food inside dark caves; and there, in the dark places, they will eat with their families during many months, without any other natural or artificial light.



The manuscript in *The Da Vinci Code* film

• **Prophecies about a pole shift that will cause a global change or a natural catastrophe concerning the seas:**

The sea water will rise over the peak of the hills towards the sky and will fall over the people's homes.

And many animals from the land and the sea will rise to the stars.

Darkness will come from the East with so much obscurity that it will cover the sky over Italy.

The land that is under will be over again, and concerning the opposite hemispheres... The sky over a big part of Africa will change, and this sky will go towards Europe, and the European sky will go towards Africa; the sky from the provinces will mix themselves with a big revolution.

At the end, the land will be red due to the warming of many days, and the stones will turn into ashes.

The water animals will die in the boiling waters.

The mud will be so great that men will walk over trees in their lands.

There will be a strong wind, and through this the Eastern things will become Western...

All elements will be mixed together in a big revolution, going in one time towards the centre of the world, another time towards the sky; and when the Southern parts will go fiercely against the Northern cold, the East will go to the West, and this hemisphere will go to the other hemisphere.

All men will change hemispheres immediately.

All of the animals will move from the East to the West, and those from the South will go to the North.

• **Prophecies about a future (or present) communication system in the world, computers interconnected via the Internet, or a kind of mental communication to be used in the future:**

Men will move without walking;

they will speak to people who are not present; they will listen to the one who is not speaking.

Men will talk one to another in very distant lands and they will answer.

Men will talk and touch and hug themselves, being far, each one in each hemisphere, and understand each other's language.

• **Prophecy about civil war in Africa:**

In you, oh cities of Africa, your children will be seen quartered in their own houses by most cruel and rapacious beasts of your own country.

• **Prophecy about large numbers of Turks who migrate to Germany:**

There will be a human generation that will not understand themselves when speaking, that is, a German to a Turk.

• **Prophecies about other subjects, which I couldn't understand:**

To the men it will seem to see new destructions in the sky. It will seem to fly and flee. They will hear every kind of animal speak in human language.

They will instantaneously be

transported in person in various parts of the world, without moving. They will see great splendour in the darkness.

Oh, wonder of the human species, what frenzy conducts you! You will talk to animals of every species, and they will speak to you in human language. You will be able to fall from the heights without damage to you.

The trees and shrubs in the great forests will be converted into ashes.

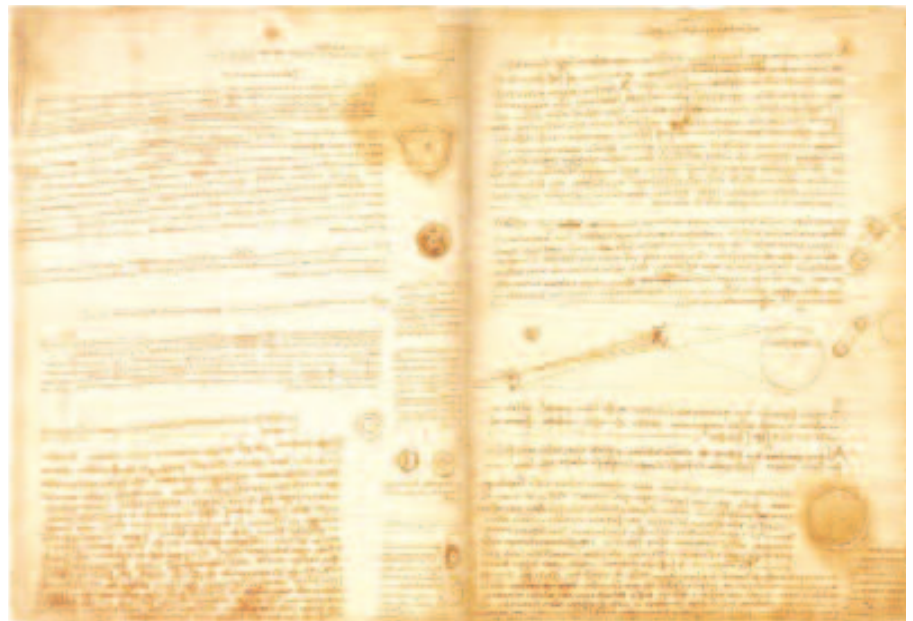
Using stone and iron, people will be able to see things that they could not see before.

The dead will be seen carrying the alive ones, in cars and boats in many places. ∞

About the Author:

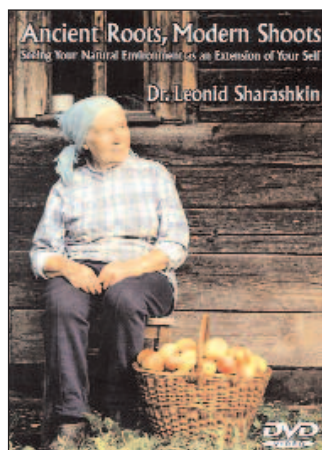
Historian Fabio Ribeiro de Araujo is the author of many works including *Selected Prophecies and Prophets* (in English, US ed.), *Global Warming*, *Global Flood* (in English, US ed.),

Prophezeiungen über das Ende der Welt (in German, published by Kopp Verlag), *O Futuro do Mundo* (in Portuguese). For more details, visit the website



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Ancient wisdom holds that the body and psyche are intricately linked to the living environment and that contact with nature is essential for physical and mental well-being. In this DVD you'll see that modern research offers insights into why this is so, and what practical steps we can take to establish a reciprocal flow of nourishment and energy to our environment and back. An inspiring presentation on our connection to the living world around and within us.

RECONNECTING TO NATURE THROUGH SPIRITUAL PERMACULTURE

Despite a millennium of harsh oppression, Russian families have preserved a unique and traditional lifestyle, grounded in self-sufficiency and self-reliance. They now show a path to a more fulfilling, independent and mortgage-free existence. As millions of people worldwide start to embrace these ideas, there's great hope that humanity may now be entering a new age of harmony and peace. In this insightful conference presentation (met with a standing ovation by a grateful audience), Dr Sharashkin (editor of *Anastasia* and the *Ringing Cedars* book series) discusses the potential of Russia's permaculture gardening movement to bring positive change to the nation and the world.

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Weather Warfare



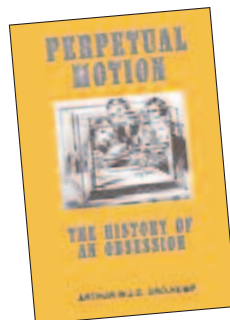
WEATHER WARFARE The Military's Plan to Draft Mother Nature

by Jerry E. Smith

This follow-up to Jerry E. Smith's HAARP: THE ULTIMATE WEAPON covers the 130-year history of military, scientific and commercial efforts at controlling Mother Nature. The furor over cloud seeding above the Ho Chi Min Trail during the Viet Nam War lead to a 1978 UN treaty banning the use of all environmental processes (weather, earthquakes, tidal waves, etc.) as weapons of war. After signing that treaty US research allocations dropped from \$140 million a year to zero - did Uncle Sam really abandon this research, or did the whole program go "black"? A lengthy chapter on the High-frequency Active Auroral Research Program (HAARP) contains the most up to date material now available.

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Perpetual Motion



PERPETUAL MOTION The History of an Obsession

by Arthur W.J.G. Ord-Hume

Make a machine which gives out more work than the energy you put into it and you have perpetual motion. The deceptively simple task of making a mechanism which would turn forever fascinated many an inventor and a number of famous men and physicists applied themselves to the task. Their quest for perpetual motion in some cases became an obsession. In this book, a present-day engineer looks back over centuries of effort and frustration, and finds that the perpetual motion seekers played an important part in the history of engineering—without their early experiments the science of mechanics would not have developed so rapidly. He also finds that the fascination of the subject is not quite dead.

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REVIEWS

BOOKS

Reviewed by Ruth Parnell

GLITTER & GREED

by Janine Roberts

The Disinformation Co. Ltd, NY, 2007

ISBN 978-1-932857-60-3 (374pp tpb)

Available: Aust—info@towerbooks.com.au; UK—info@virgin-books.co.uk; USA—www.cbsd.com

Seeing we've just come across the investigative writing of Janine Roberts (see review of *Fear of the Invisible* in 16/04), we thought we'd review her earlier book *Glitter & Greed*, about the secret world of the diamond cartel. Far from being rarities, diamonds are quite plentiful but their availability and price are controlled by certain vested interests—the South African-based company De Beers in particular.

As well as revealing details of the "secret diamond wars", Roberts highlights the plight of the victims of the diamond industry: the South African miners who are stricken with silicosis or asbestosis due to the high levels of dangerous particulate dust within the mines; the traditional landowners in Australia who've been up against diamond exploration companies hellbent on exploitation; the young people who endure slave

labour conditions in cutting diamonds; and more besides.

Roberts has done much intrepid field investigation as well as extensive research into the last 100 years or so of diamond mining and trading. Her engaging enquiry opens up a whole new area of disquiet when considering the big picture.

THE SECRETS OF MASONIC WASHINGTON

by James Wasserman

Destiny Books, Rochester, VT, 2008

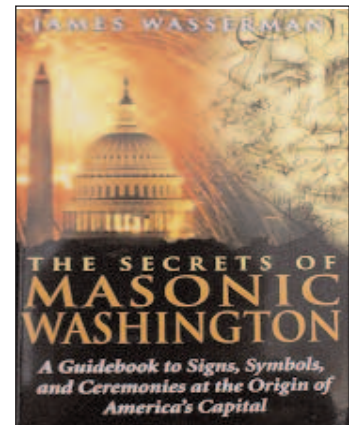
ISBN 978-1-59477-266-5 (190pp tpb)

Available: www.DestinyBooks.com

The establishment of the American republic in both philosophy and design was inspired by the Age of Enlightenment that was rooted in Freemasonic ideals and skills, but without the binds of monarchy and aristocracy of the Old World. As occult science researcher James Wasserman describes, the nation's capital, Washington, DC, displays a wealth of Masonic symbols, art, sculpture and monuments, "hidden in plain view", that are in harmony with the spiritual ideals and visions of the Founding Fathers (not all of whom, it turns out, were Masons).

Wasserman presents the Masonic design of the capital as a showcase of American freedom, and a bastion of

the Masonic virtues of tolerance and religious liberty beyond dogma. All this provides rich context for Wasserman's "walking tour" of the capital, divided into eight sections surrounding the National Mall area, starting at the Capitol, proceeding to Union Square, Judiciary Square, the Federal Triangle, the White House, the National Academy of Sciences and then on to the Lincoln Memorial, Washington Monument, Jefferson Memorial and back to the Mall. His text, illustrated with colour and b&w photographs as well as maps, shines light on the Masonic symbolism, meanings and purposes hidden within the layout, architecture or art of each location. This valuable guidebook will appeal to students of US history and esotericism alike.



REVIEWS



THE NEANDERTHAL LEGACY

by Stan Gooch

Inner Traditions, Rochester, VT, 2008
ISBN 978-1-59477-185-9 (182pp tpb)

Available: www.InnerTraditions.com

Humanity as we know it is the result of crossbreeding between male Cro-Magnons and female Neanderthals, says psychologist and paranormal researcher Stan Gooch. The hybrid species had abilities beyond which either genetic parent possessed. Recent findings from genetics tend to support this idea, but Gooch believes that the originally small input of Neanderthal genes has steadily increased over tens of thousands of years.

A key difference between the two species, Gooch claims, is that the Neanderthals had a much larger cerebellum—indeed, a separate brain connected with the unconscious Self and with dreaming and psychic states, but barely given serious attention by scientists. Gooch gives many examples of Neanderthal-type customs and behaviours that Cro-Magnon types across all cultures have tried to outlaw. He suggests, for instance, that the taboo on having contact with menstruating girls and women was meant to negate the influence of the Moon-worshipping, female-led Neanderthal culture.

The dichotomies seen in our thoughts, feelings and even politics (e.g., left vs right) are founded in our hybrid genetics, says Gooch. He urges us to embrace our diametrically opposed genetic traits if we want to live in harmony.

DR SHUKER'S CASEBOOK

by Dr Karl P. N. Shuker

CFZ Press, North Devon, UK, 2008

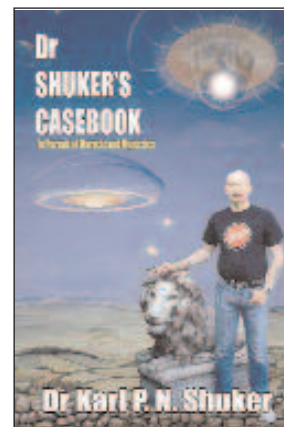
ISBN 978-1-905723-33-1 (309pp tpb)

Available: www.cfz.org.uk

For this compilation, English cryptozoologist Dr Karl Shuker explores not just weird and wonderful animals but ancient mysteries and strange phenomena from around the world. To start, Dr Shuker looks at cats with "wings", a physical anomaly that he thinks is related to an inherited skin condition, feline cutaneous asthenia. Sightings of other anomalous creatures that he mentions herein are not so easily explained: mermen, a bat-winged monkey-bird, reptilian entities from outer and inner space, lake monsters, serpent-headed panthers, unicorns, the Aboriginal Dreamtime beast the *mirrii*, and more.

Widely travelled, Dr Shuker has inspected numerous artefacts of the ancient world, including the moai statues of Easter Island, a dinosaur

featured on the Ishtar Gate of Babylon, a stegosaur glyph at Angkor Wat in Cambodia, the formerly singing Colossus of Memnon in Egypt, and the Kukulcan pyramid at Chichén Itzá, Mexico, which creates a quetzal-like chirping echo. He also documents strange lights, from ball lightning and orbs to the Australian min-min, as well as curious airborne phenomena such as falling fish and stones. Dr Shuker describes "sky beasts", somewhat like organic UFOs, the most famous examples being the "critters" photographed in infrared by scientist Trevor Constable since 1958. He also considers our solar system's allegedly missing planets plus the crop circle mystery in his extraordinary casebook. A must for fans of Forteanism in all its forms.





REVIEWS

WITNESS TO ROSWELL

by Thomas J. Carey and Donald R. Schmitt

New Page Books, Franklin Lakes, NJ,
2009 (revised & expanded edition)
ISBN 978-1-60163-066-7 (315pp tpb)
Available: www.NewPageBooks.com

Since the 2007 release of this book by the collaborative team of Tom Carey and Don Schmitt, enough fresh information has come out that a revised, expanded edition was warranted. The authors tackle "the ultimate cold case": the mystery of what happened in 1947 near Roswell, New Mexico. Over 62 years later, time is of the essence because many witnesses to the Roswell incident—involving an allegedly downed alien spacecraft and the capture of alien crew members—are getting old.

The reports gathered by Cary and Schmitt as well as other researchers have so much in common that they make the official Roswell incident explanations—all four of them—look lame. They confirm that there's been a massive government/military cover-up. The testimony compiled includes statements from first-, second- and third-hand witnesses to what is largely considered to be an ET-type event; many of them were reluctant to come forward, having been told by officials to keep quiet. The accounts

cover the complete timeline from the discovery and recovery of the UFO and its crew at the crash sites (including Corona, NM), transport to the Roswell base where a preliminary autopsy was conducted, the flight to Fort Worth and then to Wright Field. From their analysis of the facts to date, Carey and Schmitt have created a coherent case that rejects the US Air Force's explanations as lies.

DARK MATTERS

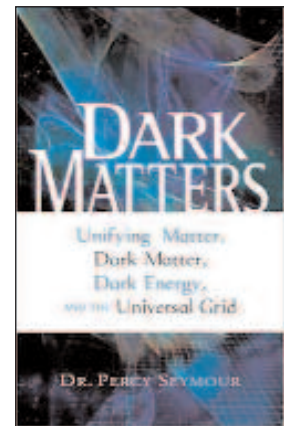
by Dr Percy Seymour

New Page Books, NJ, USA, 2008
ISBN 978-1-60163-006-3 (220pp tpb)
Available: newpagebooks.com

The universe is a tapestry whose threads are magnetic and electric lines of force that originate from planets and stars, says retired UK astronomer and astrophysicist Dr Percy Seymour. According to his theory, what we regard as particles are compacted bundles of these lines of force; and the electrical energy in these bundles gives rise to mass, in accordance with Einstein's $E = mc^2$ equation.

Dr Seymour says that in ordinary space these force lines move from proton to electron, but in plasma space they move from electron to proton in very thin, braided ropes encased in sheaths of insulating

space. These sheaths behave like elastic tubes or spiral springs, and the fact that they can stretch means that they have energy stored within them. When combined in vast numbers, these encased lines of force create a criss-crossing web that produces the "quantum noise" of the universe. The tension in these sheaths produces an additional attraction between vast masses of "particles", and this added attraction is really what "dark matter" is all about. Dr Seymour posits that the tension or negative pressure in the sheaths increases as the universe expands, thus promoting the accelerating expansion of the universe—what is called "dark energy". His fascinating thesis fits well with the electric universe theory.



REVIEWS



FROM BIRTH TO REBIRTH

by **C. V. Tramont, MD**

Swan Raven & Co., NC, USA, 2009
ISBN 978-1-893183-42-1 (247pp tpb)

Available: www.granitepublishing.us

Past-life therapy utilising hypnotic regression added a new, higher dimension to obstetrician Dr Charles Tramont's practice because of its ability to heal at a very deep level. With some disdain for the medicalised health system and moving into retirement, Dr Tramont was able to explore the benefits of hypnosis in much greater detail and came to see a link between past-life therapy and the Gnostic approach to healing, which draws on the self-knowledge that can be accessed through intuition and contemplation. He now holds the idea of "cellular memory", where past-life events can create an imprint in a present life and show up as physical, emotional and mental problems.

Dr Tramont has found a way to assist numerous people make their "transition to transcendence", helped too by higher spiritual guides. He presents some breathtaking case studies from his clinic that overturn conventional views of reality and also suggest that the key to healing lies within every one of us via the subconscious mind. Dr Tramont

regards hypnotic past-life regression as a transformative medical treatment for the 21st century, and as a means to achieve Gnosis.

A NEW SCIENCE OF LIFE

by **Rupert Sheldrake**

Icon Books, London, 2009 (3rd ed., revised and updated) (1st ed. pub. by Blond and Briggs, London, 1981)

ISBN 978-184831-042-1 (370pp pb)

Available: www.iconbooks.co.uk;
www.allenandunwin.com

It's extraordinary to think that the then editor of *Nature*, John Maddox, wrote on the release of *A New Science of Life* in 1981 that it was "the best candidate for burning there has been for many years". Biologist and biochemist Dr Rupert Sheldrake has the last laugh, as his classic tome is now in its third edition with considerable updates, an extensive new preface and an appendix summarising his proposed 10 new tests for morphic resonance in areas of physics, chemistry, biology, psychology and computer sciences. There's also a dialogue with quantum physicist Dr David Bohm on the connections between his implicate order theory and Sheldrake's formative causation hypothesis, that nature is habitual and that life-forms draw upon and contribute to a

collective memory of their species.

Dr Sheldrake states that biology in the last quarter-century has seen remarkable developments, but also ones that show up the limitations of the conventional mechanistic approach and add to the plausibility of his hypothesis. The focus on genetics and biotechnology has not yielded information on how developing organisms adopt their forms and inherit their instincts. Nor has molecular biology been able to explain morphogenesis; this seems to depend on "morphogenetic fields".

Dr Sheldrake puts out a call for democratising science and allowing imagination to flourish. His new edition is a must for any participant in the paradigm shift, but also deserving of a wide readership.



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REVIEWS

FRACTAL TIME: The Secret of 2012 and a New World Age by Gregg Braden

Hay House, UK, 2009

ISBN 978-1-84850-075-4 (252pp tpb)

Available: www.hayhouse.co.uk



Scientist and visionary Gregg Braden, author of *Awakening to Zero Point* and *The Divine Matrix* (see 14/05), continues his adventures beyond the boundaries of science and spirituality in *Fractal Time*. He says that modern-day physicists are rediscovering what the ancients knew: that great waves of energy pulse through the universe, linking past and future, thus space and time merge to become space-time; also that time's waves and the history carried within them repeat as cycles within cycles, something he calls "fractal time" that becomes the events of the universe and life.

As for the ancients, Braden focuses on the Maya and their cosmic viewpoint on time cycles with their endings and beginnings. The Maya understood the 5,125-year cyclic path of Earth through the galaxy, and Braden says we're already in the "zone of shift" that will culminate on the solstice of 20 December 2012 when our solar system crosses the Milky Way's equator. In order to prepare, we need to think differently about space-time, and Braden proposes a series of time codes; number 17 says that "there is nothing in the geological record to suggest that Earth's magnetic fields will reverse before or immediately following the 2012 cycle end date".

That's a relief! A new age of our own making is upon us, he insists.

LSD: DOORWAY TO THE NUMINOUS

by Stanislav Grof, MD

Park Street Press, Rochester, VT, 2009

(originally pub. in 1975 by Viking Press)

ISBN 978-1-59477-282-5 (271pp tpb)

Available: www.ParkStreetPress.com

It's been 35 years since Dr Stanislav Grof stopped his official research into psychedelics and the non-ordinary states of consciousness they induce. Before he arrived in the USA in 1967, he had done years of pioneering research into LSD and conducted hundreds of psychotherapy sessions in Czechoslovakia. Over the last 50 years, he's conducted over 4,000 sessions and thus has a keen perspective on psychopharmacology's enormous potential, both positive and negative.

In the preface to this second US edition of his book (first published in 1975 as *Realms of the Human Unconscious*), Dr Grof reflects on the past and looks into the future of psychedelics research. He had to develop new theoretical concepts and practical clinical strategies in LSD therapy, but also he was aware that traditional frameworks of psychiatry and psychology were being radically revised by what was becoming a new scientific paradigm.

Great minds like David Bohm, Karl Pribram, Ilya Prigogine, Rupert Sheldrake, Ervin Laszlo, Ken Wilber and others have added to the paradigm shift with findings that are compatible with those from psychedelics research and transpersonal psychology.

Dr Grof has helped to give us new ways of seeing the world through personal psychodynamic experience, revelations on birth, prenatal and past-life memories, encounters with archetypal beings, religious and mystical experiences, enhanced sexuality, telepathy and artistic perception. He has opened a link between the psyche and the spirit.

REVIEWS



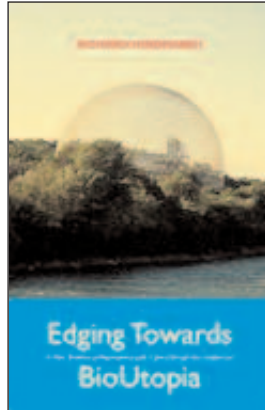
EDGING TOWARDS BioUTOPIA

by **Richard Hindmarsh**

University of Western Australia Press,
Crawley, WA, 2008

ISBN 978-0-9802965-8-7 (327pp tpb)

Available: www.uwapress.uwa.edu.au



The Australian public has been duped by the "biotechnocrats" on the issue of gene technology, with both regulation and scientific communication controlled from the top down and the environmental and health dangers downplayed if not dismissed. Richard Hindmarsh, an internationally acclaimed researcher and author based at the Griffith School of Environment, Queensland, is well qualified to question just where this "BioUtopia" is heading and whose interests it is serving.

Hindmarsh contends that the agenda behind the development and regulation of genetic engineering (GE) has been deliberately shaped to exclude public knowledge, debate and involvement and to sidestep any dissenting voices, even within the system. For 30 years, biotech policy and regulation have been skewed to favour vested interests in science, industry and bureaucracy, and the situation has only worsened with the go-ahead in Australia on GE food crop trials and, soon, large-scale commercialisation. The public good is not being served when little to no testing for environmental safety is conducted, when so-called experts have no idea of the long-term risks of ingesting GE foods, and when even the food safety authority is

intransigent on issues to do with labelling and consumers' rights to know what they're eating and from where it's sourced. This is an important public-interest study.

DR. MARY'S MONKEY

by **Edward T. Haslam**

Trine Day, Walterville, OR, 2007

ISBN 978-0-9777953-0-6 (374pp tpb)

Available: www.TrineDay.com

The conspirators grilled by New Orleans District Attorney Jim Garrison in connection with the JFK assassination may well have been involved in a completely separate covert plot that had more to do with contaminated polio vaccines and a fateful biological weapons experiment that may have resulted in an epidemic of cancers in later years.

According to New Orleans-born, Florida-based author Edward Haslam, characters like Lee Harvey Oswald, David Ferrie, Guy Banister and Clay Shaw were involved in officially sanctioned undercover research to produce cancer-causing viruses derived from contaminated monkey glands. Indeed, Ferrie, who had links with the Mafia and the CIA, performed medical experiments in his own home. What got Haslam on the scent was his investigation of the bizarre murder in 1964 of Tulane University medical professor and leading cancer expert Dr Mary Sherman, which may have had something to do with a linear particle accelerator used in cancer studies. Her work also involved research into monkey viruses.

Haslam's book *Dr Mary's Monkey* is a follow-up to his 1995 book *Mary, Ferrie & the Monkey Virus*, and includes testimony from a new witness, Judyth Vary Baker, who apparently worked alongside Ferrie to create a cancer-causing virus to kill Cuban president Fidel Castro. The foreword is by long-time JFK plot investigator Jim Marrs, who agrees that Haslam's work puts a whole new layer of meaning on the presidential murder. A gripping and disturbing exposé.

RARE BOOK

FLYING SAUCERS OVER LOS ANGELES THE UFO CRAZE OF THE 50'S

by **DEWAYNE B. JOHNSON &
KENN THOMAS**

DeWayne Johnson completed his thesis, "Flying Saucers—Fact or Fiction?", in August 1950 as a student in the Graduate Department of Journalism at UCLA, but never published it. Kenn Thomas, of *Steamshovel Press* fame, teamed up with AUP's David Hatcher Childress to publish it—the two adding commentary and introduction to what has become *Flying Saucers Over Los Angeles*. Interspersed through the newspaper reports and eyewitness accounts, text and featured within a special colour section are images from a variety of UFO zines of the era.

www.nexusmagazine.com



REVIEWS

CHILL: A reassessment of global warming theory

by Peter Taylor

Clairview Books, UK, 2009

ISBN 978-1-905570-19-5 (404pp tpb)

Available: www.clairviewbooks.com

Instead of planning for the consequences of a predicted rise in global warming in 50–100 years' time, we should be preparing for the imminent threat presented by a current cooling period, says British environmental scientist Peter Taylor. A policy directed towards reducing greenhouse gas emissions by 60 per cent by 2050 will have a huge, negative impact on our environment, biodiversity and community. With no policy aimed at tackling global cooling, we can expect a decline in food production and major famines.

Taylor concludes that the IPCC assessments on global warming are wrong and that the consensus is a false construct from the summary material aimed at policymakers. He says that future projections of global warming are flawed for many reasons, including that they don't consider the impact of long- and short-term natural cycles of the Sun and Earth.

In his section on the science, Taylor explains the pattern of natural causes, the satellite data that contradict global warming theory, evidence for changing cloud cover and the role of oscillating ocean cycles. He discusses Arctic and Antarctic climate variations, variabilities in solar radiation, and cosmic rays as a possible missing link in our scientific understanding.

Regarding the politics of global warming, Taylor shows how the consensus developed and overruled dissent among other scientists and how media and environmental groups have colluded in generating a "dangerously naive message that now drives government action worldwide". He proposes a remedy based on creating human support systems that are resilient to whatever climate change the future may bring. A measured, thought-provoking study.

AIR CON

by Ian Wishart

Howling At The Moon Publishing Ltd,
North Harbour, New Zealand, 2009

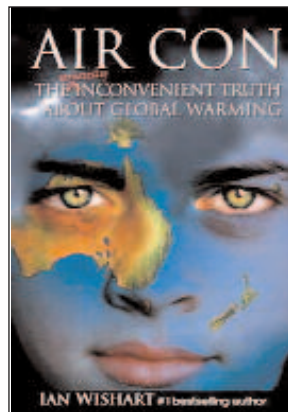
ISBN 978-0-9582401-4-7 (285pp tpb)

Available: www.ianwishart.com

The "consensus" that human-caused carbon dioxide emissions are causing global warming is firmly rejected by New Zealand independent investigative journalist Ian Wishart in his engaging and heavily referenced book. While not a scientist, he set out to see for himself whether the science is really "settled" on anthropogenic global warming. Armed with evidence that the "global warming industry" is conning the people, he queries the logic behind trying to enforce harsh measures to reduce CO₂ emissions that are going to cost taxpayers thousands of dollars a year and cause the collapse of western civilisation. Yet he also favours reducing pollution and protecting the environment.

Among the reports Wishart cites is evidence that the Sun in an active phase warms the Earth, but it can take 800–1,000 years for CO₂ levels to rise in response (thus any warming that started with industrialisation might be from the lag following the Mediaeval Warm Period).

Wishart slams political and scientific agendas and the quasi-religious fervour of global warming believers in vilifying "climate change deniers". He also suggests what we can do to try to restore common sense to this very hot topic.



REVIEWS



DVDs

Selected by Duncan Roads

IN PHANTASMAGORIA:

THE AWAKENING

Produced by D. D. Foote
Volage Films © 2008 (93mins; DVD & PAL/NTSC, all regions)

Available: www.volagefilms.com

This newly released Australian documentary feature film about UFO and alien abduction phenomena won an award at the recent 2009 International UFO Convention and Film Festival in Nevada, USA.

It includes in-depth interviews with ordinary Australians who describe their profound experiences. The film is not an investigative documentary; it contains a human element which touches and engages the viewer.

I found the introductory bits quite confusing, but once the interviews started I was totally engrossed in these amazing accounts. I hope more experiencers contact the producer so that we can see more of such interviews.

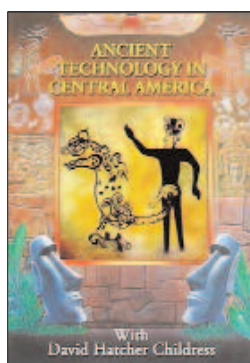


ANCIENT TECHNOLOGY IN CENTRAL AMERICA

With David Hatcher Childress
Adventures Unlimited Media © 2009

www.adventuresunlimitedpress.com

This third instalment in the *Ancient Technology* series sees David Hatcher Childress in Costa Rica, Nicaragua and Mexico as he searches for evidence of high technology in the



distant past. Going to ancient cities and megalithic sites, David and friends examine evidence for advanced technology that is simply mind-blowing! David and his team check out the giant stone balls in Costa Rica, and move on to examine the mysterious megalithic statues on a remote island of Nicaragua. Then they travel to Mexico to examine the colossal basalt heads of the Olmecs. Did the Olmecs have power tools?

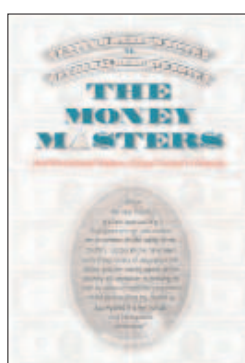
THE MONEY MASTERS

Produced by Patrick Carmack for
Royalty Production Company © 2008
(3.5hrs)

Available: www.themoneymasters.com

This historical documentary, *The Money Masters*, traces the origins of the political and financial power structure in the USA. This structure has its roots in the hidden

manipulation and accumulation of gold and other forms of currency. The development of fractional reserve banking practices in the 17th century brought to a cunning sophistication the secret techniques initially used to fraudulently



accumulate wealth. With the formation of the privately owned Bank of England in 1694, the yoke of economic slavery to a private "central" bank was first forced upon the back of an entire nation, and the burden has only been made heavier with the passing of three centuries. Nation after nation has fallen prey to this cabal of international bankers.

The documentary also gives insights into today's global financial crisis.

Underwater Bases

There are more underground bases than you think, and there's more going on than just planning to keep the Government alive during a nuclear war. Working from public documents and corporate records, this book digs below the surface of the government's super-secret underground!

UNDERWATER AND UNDER- GROUND BASES

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REVIEWS

MUSIC

Reviewed by Richard Giles

NAGORE SESSIONS

by various artists

EarthSync Music, Aust, 2008 (52mins)

Distributors: **Australia**—The Planet Company, tel (02) 9283 8250; **India**—EarthSync Music, www.earthsync.com

The Laya Project, launched at the Perth Arts Festival in February 2009 (see 16/03), led to an outpouring of Asian musicians under the banner of EarthSync Music, based in India. This CD features players and singers of the Sufi *dargah* tradition from Tamil Nadu. Sufi-style chants are blended with Middle Eastern and western instruments to create a fusion of music and faith. Guest artists include Tashi Lhunpo monks, Murad Ali Khan on saranagi, Palakkad Sreeram on harmonium and Zohar Fresco on percussion. Harmonising and inspiring music.

LIQUID MIND IX: LULLABY

by Chuck Wild

Real Music, USA, 2009 (60mins)

Distributors: **Australia**—Brumby Books & Music, tel (03) 9761 5535; **USA**—Real Music, tel (415) 331 8273, www.realmusic.com

The *Liquid Mind* albums have been used successfully to help relax patients in alternative health clinics and exercise classes. The music series has been used in treating addiction, anger and sleep difficulties. This album from Chuck Wild, of the American Music Therapy Association, is aimed at children but is perfect for grown-ups, too. It provides a beautifully calming and relaxed musical peace.

THE COLOR OF SUNSHINE

by Lawrence Blatt

LMB Music, USA, 2009 (50mins)

Distributor: **USA**—LMB Music, www.lawrenceblatt.com

Albums using music to stimulate colour frequencies are much needed today. Acoustic guitarist

Lawrence Blatt has written songs presented in the order of the light/colour spectrum. He says that "both light/color and sound/pitch are a function of vibrating waves that are similar". He begins with white light and works through the full colour spectrum to finish with white light. Blatt began his career with classical studies, moved to folk guitar and then to music influenced strongly by finger-style acoustic playing. He brings this skill to *The Color of Sunshine*. A fascinating experiential album, coloured with many moods.

FLOODPLAIN

by Kronos Quartet

Nonesuch, USA, 2009 (79mins)

Distributors: **Aust**—Fuse Music, tel (02) 9699 7555; **UK**—Warner Music; **USA**—Nonesuch Records/Warner Music, www.nonesuch.com; www.kronosquartet.org

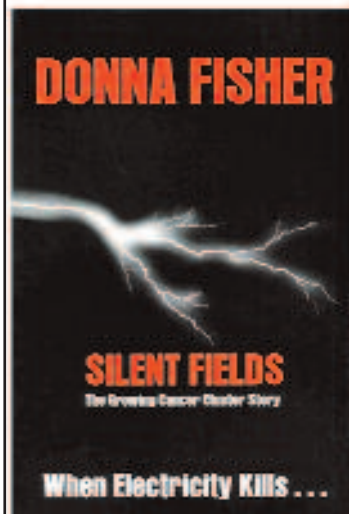
Over three decades, San Francisco's Kronos Quartet has performed thousands of concerts worldwide, releasing over 40 albums and collaborating with dozens of artists and composers. Kronos has created new directions for the string quartet. This outstanding new album *Floodplain* explores music from the Middle East, Iran, India, Eastern Europe, Africa and more, with traditional and new compositions. With folk from Azerbaijan and Egypt, electronica from a Palestinian music collective and an ambitious Serbian piece, this is more groundbreaking work from the quartet. The CD is an exploration of modern and ancient, with stunning pieces of music.



SILENT FIELDS

This book exposes:

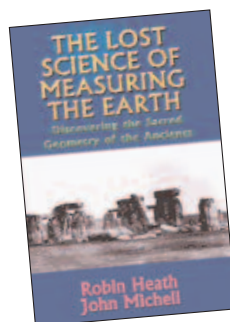
- cancer clusters in Australia
- dirty electricity
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Ancient Sacred Geometry



The Lost Science of Measuring the Earth

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Precision Geodetic Science -- from the Stone Age!! Two of the most experienced researchers into prehistoric culture have made a remarkable breakthrough in understanding the system by which prehistoric monuments were designed and placed on the landscape. This system, a precision geodetic science, enabled the megalith builders to mark out vast geometric shapes across the landscape. At key points, they erected their magnificent stone temples and markers, whose dimensions and locations encoded their knowledge of the Earth and sky. Long trackways, stone rows, stone circles, standing stones and huge earthworks--monuments dating back well over four thousand years--have held on to their secrets despite centuries of investigation.

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frustration with the current workings of democratic government and questioning among elites over the ability of democratic governments to take the bold actions necessary to deal rapidly and effectively with the growing number of transnational challenges".⁷⁰

CONCLUSION

Ultimately, what this implies is that the future of the global political economy is one of increasing moves toward a global system of governance, or a world government, with a world central bank and global currency; and that, concurrently, these developments are likely to materialise in the face of and as a result of a decline in democracy around the world and, thus, a rise in authoritarianism.

What we are witnessing is the creation of a New World Order,

composed of a totalitarian global government structure.

In fact, the very concept of a global currency and a global central bank is authoritarian in its very nature, as it removes any vestiges of oversight and accountability away from the people of the world and toward a small, increasingly interconnected group of international elites.

As Carroll Quigley explained in his monumental book *Tragedy and Hope*: "The powers of financial capitalism had another far-reaching aim, nothing less than to create a world system of financial control in private hands able to dominate the political system of each country and the economy of the world as a whole.

This system was to be controlled in a feudalist fashion by the central banks of the world acting in concert, by secret agreements arrived at in frequent private meetings and conferences.

The apex of the system was to be

the Bank for International Settlements in Basle, Switzerland, a private bank owned and controlled by the world's central banks which were themselves private corporations."⁷¹

Indeed, the current "solutions" being proposed to the global financial crisis benefit those who caused the crisis over those who are poised to suffer the most as a result of the crisis: the disappearing middle classes; the world's dispossessed, poor, indebted people.

The proposed solutions to this crisis represent the manifestations and actualisation of the ultimate generational goals of the global elite and thus represent the least favourable conditions for the vast majority of the world's people.

It is imperative that the world's people throw their weight against these "solutions" and usher in a new

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era of world order, one of the People's World Order; with the solution lying in local governance and local economies so that the people have greater roles in determining the future and structure of their own political economy and thus their own society.

With this alternative of localised political economies, in conjunction with an unprecedented global population and international democratisation of communication through the Internet, we have the means and possibility before us to forge the most diverse manifestation of cultures and societies that humanity has ever known.

The answer lies in the individual's internalisation of human power and destiny, and a rejection of the externalisation of power and human destiny to a global authority to which all but a select few people

have access.

To internalise human power and destiny is to realise the gift of the human mind, which has the ability to engage in thought beyond the material, such as food and shelter, and venture into the realm of the conceptual.

Each individual possesses—within themselves—the ability to think critically about themselves and their own life. Now is the time to utilise this ability, with the aim of internalising the concepts and questions of human power and destiny.

Why are we here? Where are we going? Where should we be going? How do we get there?

The supposed answers to these questions are offered to us by a tiny global elite who fears the repercussions of what would take place if the people of the world were to begin to answer these questions themselves.

I do not know the answers to these questions, but I do know that the answers lie in the human mind and spirit which have overcome and will continue to overcome the greatest of challenges to humanity, and will, without doubt, triumph over the New World Order. ∞

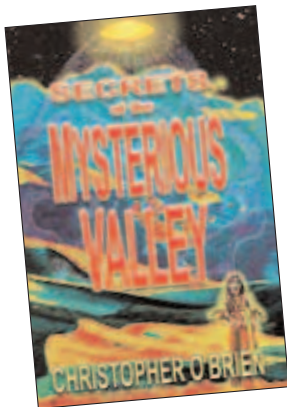
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Andrew G. Marshall is a Research Associate of the Centre for Research on Globalization (CRG), based in Montreal (<http://www.globalresearch.ca>). He is currently studying political economy and history at Simon Fraser University, British Columbia, Canada.

Editor's Note:

Due to space constraints, we are unable to publish the endnotes accompanying our publication of Andrew Marshall's article. To view these, go to the Global Research web page <http://www.globalresearch.ca/index.php?context=va&aid=13070>.

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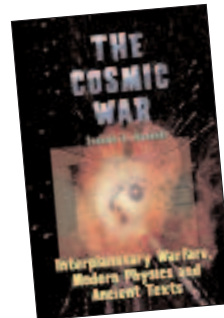


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The Cosmic War



THE COSMIC WAR Interplanetary Warfare, Modern Physics and Ancient Texts

by Joseph P. Farrell

Physicist Joseph Farrell's amazing book on ancient interplanetary warfare! There is ample evidence across our solar system of cataclysmic and catastrophic destruction events. The asteroid belt, for example, may be the remains of an exploded planet! The known planets are scarred from incredible impacts, and teeter in their orbits due to causes heretofore inadequately explained. Rejecting the naturalist and materialist assumptions of catastrophism forwarded by other researchers, Farrell asserts that it is time to take the ancient myths of a Cosmic War in the heavens seriously. Farrell maintains that an ancient interplanetary war was fought in our own solar system with weapons of extraordinary power and sophistication.

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Amazon.com and Book Clearing House (tel 1800 431 1579) in the USA. His previous articles published in NEXUS are "The Prostate Cancer Bacterial Connection (vol. 16, no. 3) and "Do Tuberculosis-type Bacteria Cause AIDS?" (vol. 15, no. 5). Dr Cantwell can be contacted by email at alancantwell@sbcglobal.net.

References

- Cantwell AR, Kelso DW. Autopsy findings of nonacid-fast bacteria in scleroderma. *Dermatologica* 1980; 160(2):90-9.
- Cantwell AR. Necroscopic findings of variably acid-fast bacteria in a fatal case of acquired immunodeficiency syndrome and Kaposi's sarcoma. *Growth* 1983 Summer; 47(2):129-34.
- Cantwell AR Jr. Variably acid-fast pleomorphic bacteria as a possible cause of mycosis fungoides. A report of a necropsied case and two living patients. *J Dermatol Surg Oncol* 1982 Mar; 8(3):203-13.
- Domingue GJ, Schlegel JU. Novel Bacterial Structures in Human Blood: Cultural Isolation. *Infect Immun* 1977 Feb; 15(2):621-27.
- Kajander EO, Tahvanainen E, Kuronen I, Ciftcioglu N. Comparison of *Staphylococci* and Novel Bacteria-like Particles from Blood. *Zbl Bakt* 1994; Supplement 26.
- McLaughlin RW, Vali H, Lau PC, Palfree RG, De Ciccio A, Sirois M, Ahmad D, Villemur R, Desrosiers M, Chan EC. Are there naturally occurring pleomorphic bacteria in the blood of healthy humans? *J Clin Microbiol* 2002 Dec; 40(12):4771-75.
- Pease PE, Tallack JE. A permanent endoparasite of man. 1. The silent zooglyph/sytoplasm/L-form phase. *Microbios* 1990; 64(260-261):173-80.
- Tedeschi GG, Di Iorio EE. Penetration and interaction with haemoglobin of corynebacteria-like microorganisms into erythrocytes *in vitro*. *Experientia* 1979 Mar 15; 35(3):330-32.
- Tedeschi GG, Bondi A, Paparelli M, Sprovieri G. Electron microscopical evidence of the evolution of corynebacteria-like microorganisms within human erythrocytes. *Experientia* 1978 Apr 15; 34(4):458-60.
- Tedeschi GG, Amici D, Sprovieri G, Vecchi A. *Staphylococcus epidermidis* in the circulating blood of normal and thrombocytopenic human subjects: immunological data. *Experientia* 1976 Dec 15; 32(12):1600-02.
- Tedeschi GG, Amici D. Mycoplasma-like microorganisms probably related to L forms of bacteria in the blood of healthy persons. Cultural, morphological and histochemical data. *Ann Sclavo* 1972 Jul-Aug; 14(4):430-42.
- Wuerthele-Caspe (Livingston) V, Alexander-Jackson E. Mycobacterial forms in myocardial vascular disease. *J Amer Med Wom Assoc* 1965; (20):449-52.

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Little-Known Facts About Poliomyelitis Vaccinations

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About the Author:

Viera Scheibner, PhD, is a retired principal research scientist with a doctorate in natural sciences. She has been researching vaccines and vaccinations since the late 1980s and is the author of numerous papers and several books including *Vaccination: 100 Years of Orthodox Research Shows that Vaccines Represent a Medical Assault on the System* (1993; reviewed in NEXUS vol. 2, no. 16). Her most recent article in NEXUS, "Vaccinations and the Dynamics of Critical Days", was published in vol. 12, no. 6. Dr Scheibner can be contacted by email at viera.scheibner@gmail.com.

References

- Francis T, Korn RF, Voigt RB, Boisen M, Hemphill FM, Napier, JA, Tolchinski A (1955). Evaluation of the 1954 poliomyelitis vaccine trials. *Poliomyelitis Vaccine Evaluation Center, University of Michigan, Ann Arbor, Michigan, 12 April 1955* (500 pp).

- Peterson LJ, Benson WW, Graeber FO (1955). Vaccination-induced poliomyelitis in Idaho. Preliminary report of experience with Salk poliomyelitis vaccine. *JAMA* 159(4):241-244.
- Henderson DA, Witte JJ, Morris L, Langmuir AD (1984). Paralytic disease associated with oral polio vaccines. *JAMA* 190(1):41-48.
- Nathanson N (1984). Epidemiologic Aspects of Poliomyelitis Eradication. *Rev of Infect Dis* 1984 May-June; 6(Suppl2):S308-S312.
- Special Advisory Committee on Oral Poliomyelitis Vaccine to the Surgeon General of the Public Health Service. Oral Poliomyelitis Vaccines. *JAMA* 190(1):49-1.
- Bradford Hill A (1965). Environment and disease: Association or causation? *Proc Roy Soc Med* 1965:295-300.
- Schonberger LB, Kaplan J, Kim-Farley R, Moore M, Eddins DL, Hatch M (1984). Control of paralytic poliomyelitis in the United States. *Rev Infect Dis* 6 (Suppl 2):S4240-S426.
- Hutchins SS, Cochi SL, Brink EW,

- Patriarca PA, Wassilak SGF, Rovira EZ, Hinman AR (1988). Current Epidemiology of Pertussis in the United States. *Tokai J Exp Clin Med* 13 (Suppl):103-109.
- Kim-Farley RJ, Litchfield P, Orenstein WA, Bart KJ, Rutherford G, Shu-Tao Hsu, Schonberger LB et al. (1984). Outbreak of paralytic poliomyelitis, Taiwan. *Lancet* 1984 Dec 8; 1322-1324.
- John TJ (1985). Poliomyelitis in Taiwan; lessons for developing countries. *Lancet* 1985 Apr 13; 872-873.
- Sutter RW, Patriarca PA, Brogan S, Malankar PG, Pallansch MA, Kew OM, Bass AG et al. (1991). Outbreak of paralytic poliomyelitis in Oman: evidence for widespread transmission among fully vaccinated children. *Lancet* 338:715-720.
- Sutter RW, Patriarca PA, Suleiman AJM, Brogan S, Malankar PG, Cochi SL et al. (1992). Attributable risk of DTP (diphtheria and tetanus toxoids and pertussis vaccine) injection in provoking paralytic poliomyelitis during a large outbreak. *J Infect Dis* 165:444-449.

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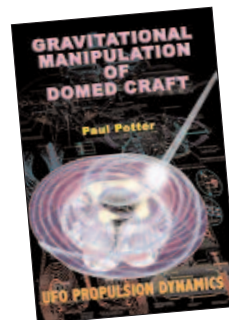
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