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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

Last night, the Australian government handed down its budget for the next year. What intrigues me is how our government is dancing in step with the other "major" western governments, in that we are also going to borrow massive amounts of money to spend on infrastructure (i.e., roads, ports, schools, etc.). As I watched the predictable interviews with finance ministers from countries like our own, I couldn't help but notice the elephant in the room: that elected governments are not in control of issuing either credit or currency. The fact that the general public has swallowed this deception without massive outcry means that we are now well on the way to the creation of a global currency. The article in this issue outlines the current steps being employed in this historic transition from many currencies to regional currencies to one currency via Special Drawing Rights.

In my last editorial, I shared my belief that those in charge of the banking system are but servants to others. This prompted several letters and phone calls from readers curious as to whom I was alluding to, asking: who are these "others" higher up some chain of command? Well, the best answer I can come up with is the same one given to Alec Newald by his alien abductors, as outlined in his (true) book *CoEvolution*. I have selected the extract in question and, although we have published this before, I feel it's worthy of repeating for the many readers who would not have seen it.

On the health front, we have two important articles for your digestion. First up is an eye-opener on the topic of blood transfusions and the attendant health risks. Of particular interest is the spread of blood-borne micro-organisms which escape both detection and filtering processes.

Our other article is an update on the groundbreaking work by Jim Humble on his Miracle Mineral Supplement, or MMS. This article by Walter Last discusses recent understandings of how and when to take MMS, how to combine it with other therapies and what effects to expect. Whilst it is clear that MMS can have remarkable curative effects when it comes to malaria, cancer and AIDS, it is not clear to the casual user just what the side effects are that they experience. One person's detox symptoms are another person's defined illness.

Another topic that has me excited is about the archaeological finds in Turkey, especially Göbekli Tepe. I first read of this amazing site in the in-flight magazine on a plane trip from Istanbul to Cairo in the late 1990s, so I'm delighted to see more information gradually emerging. I think it is time for a NEXUS trip to Turkey. Any takers?

A few years ago, we published a couple of articles about mysteries of the Solomon Islands. The author, Marius Boirayon, indicated at the time that he wished to write a book detailing even more information. Well, years later, the book is out. It has a limited print run and is pretty much only available from NEXUS at present. I have re-run the extract on the giant hominoids to remind readers. There's a lot more I could add about these mysteries, but suffice it to say that I stand by what we have published—100 per cent!

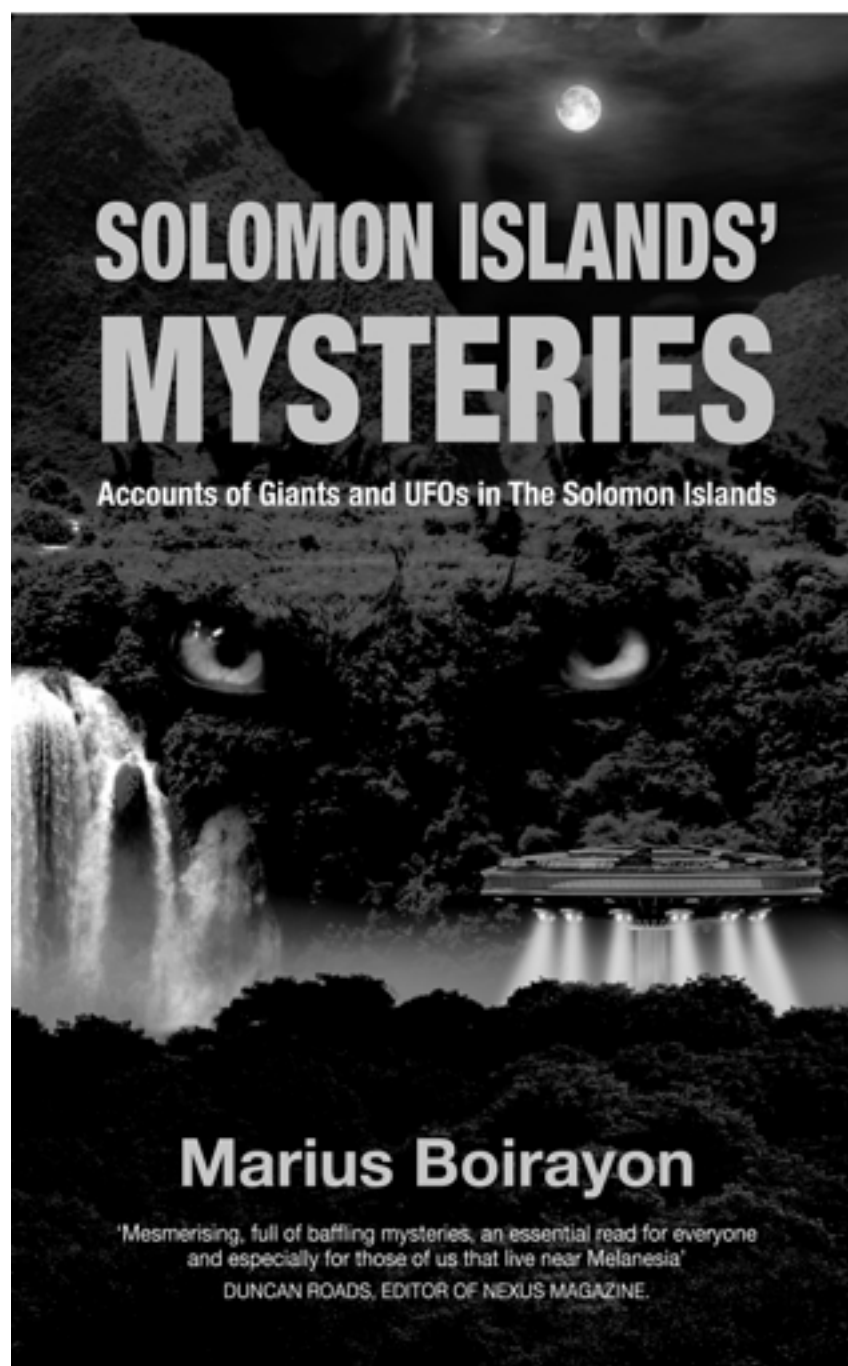
This is also the issue of NEXUS where we promote our annual conference. Well, this year we are not having one. There's no particular reason; it's just the way it worked out with regard to a bunch of logistics. At this stage, we are planning to hold our conference in March 2010 on the Sunshine Coast, Queensland, Australia. Stay tuned!

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 ...

Financial Crisis and 9/11

Dear Editor: Some very interesting things have been brought to light by the current global financial crisis and the measures taken by politicians to combat it. Now that enormous sums of money have been transferred to augment the powers of those who caused the crisis in the first place, everyone can see just how much higher the global financiers perch in the "pecking order", above mere presidents and prime ministers who were voted into power ostensibly to protect the interests of the public, from whom that money has ultimately been taken.

Also, in an interview on Washington regional television C-Span on 27 January 2009, US Congressman Paul Kanjorski (D-Pennsylvania) revealed what triggered the financial crisis on 11 September 2008. Fortunately, some viewers recorded the interview and put it on YouTube (see <http://tinyurl.com/c4suvb>).

As Chairman of the House Financial Services Subcommittee on Capital Markets, Kanjorski was briefed by Treasury Secretary Paulson and Federal Reserve Chairman Bernanke about an unprecedented "electronic run on the bank" that caused \$550 billion to be drawn out of the US financial system in just "an hour or two", after which officials managed to stop it.

Not one of the major news media has said a word about this drawdown or about who might have caused it or why.

It started not just to the day, but almost to the minute, of the seventh anniversary of the infamous 9/11 Twin Towers attacks.

Sincerely,
Paul B., Wellington, New Zealand

Electronic Subscriptions

Hello. In a previous correspondence I had asked you if it were possible or a good idea to make it so that subscribers to NEXUS could also download the electronic version as well, since the DVD of 20 years of the magazine only goes until 2008.

I believe that for many fans of NEXUS, like myself, once we have the DVD it would make perfect sense to want to continue having every new issue of NEXUS in an electronic format as well.

Even though right now you are providing the option to download the electronic version, it is at an additional cost even to the regular subscribers.

I would like to suggest that for regular subscribers you start providing three options: the traditional paper magazine option as of now, received in the mail; an only downloadable electronic option for maybe a bit less; and an option for both.

The third one would most probably cost a bit more, since one would be getting both the paper issue in the mail plus the full issue download. But right now I would not, for example, want to pay the full price for downloading each new issue as it would be like purchasing the magazine twice!

Can you please consider giving your subscribers more possibilities, especially to have the magazine in both formats for a special price? In other words, as a regular subscriber, I would like to have the option to modify my subscription to allow me to automatically download every new issue for an annual fee like now, but which would be a bit more than my current fee.

I do hope that you see this positively.

All the best,
Aris P., Cyprus

[Dear Aris: *Your letter includes all the points raised by other readers, and the answer is "yes" to all your questions. Work is already under way to make this happen.* Ed.]

Search for UFO Info

Dear Editor: I am a younger man, recently out of school, and my whole life I have been indoctrinated in the standard "scientific" view of the universe.

However, after witnessing an object that I can only identify as "unexplained" near my house (a large rural property), I have come to accept that there are more things going on than people are talking about when it comes to life off and outside this planet.

That is when I discovered this magazine, and, though I have yet read only two issues, I am finding them a sort of terrifying relief: relief that I was right, but a sort of fear at the vastness of my expanding world view.

However, I often find myself confused. Many of your articles assume a level of prior knowledge that I do

not yet possess—knowledge about the history or even the basic facts of the otherworldly visitors which I *may* have witnessed. I have tried the Internet but have found it to be a mass of self-contradiction, touting the idea of extraterrestrials on one page and laughing at it the next.

Therefore, I ask you this: could you (or your readers) suggest websites or books that hold actual, credible information? I am new to this larger world, and I can't seem to take it in all at once.

As a student, I can't afford to purchase a mass of printed literature, so websites would be greatly appreciated.

Thank you in advance.
Jeremy, Beaudesert, Queensland, Australia

[Dear Jeremy: *Thanks for your question. Your letter is reflective of many emails and phone calls I receive. There is no simple answer to your question, but I would offer one piece of advice: do not "settle" on any one viewpoint or belief. Absorb everything, create new "pictures" of reality but stay flexible enough to change them at a moment's notice. Personally, I recommend Dr Steven Greer's two books, Hidden Truth, Forbidden Knowledge and Disclosure, as excellent starting points into the UFO topic; you can visit the website <http://www.disclosureproject.org>. Also check out the Project Camelot website <http://projectcamelot.org>.* Ed.]

Threat to Rife Machine

Dear Duncan: We wish to apologise to your readers who have tried to access our website (<http://www.gyffard.com.au>) recently with the view to obtaining further information about the

... more Letters to the Editor

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

GB4000 Function Generator and Amplifier (Rife machine).

It has come to our notice that the American manufacturer has been put under great pressure by the Food and Drug Administration with implied threats to stop production of these outstanding therapeutic machines. Consequently, the company links from our site where the machines were being sold have been shut down.

However, we are hopeful that this unwarranted assault on our freedom of choice will soon be corrected.

With kindest regards to you and your fantastic magazine,

Gyffard Pty Ltd, Australia

Irradiated Cat Food Fears

Dear Duncan: On 14 January 2009, I made formal a representation to the Australian government for a full review of gamma irradiation legislation. This followed the recent spate of cats becoming paralysed after eating imported kibble that was gamma-irradiated upon entry into Australia.

Cats fed irradiated diets become paralysed and can die. The onset of symptoms takes three to four months, the equivalent of about two years of a human life. They might make a partial or full recovery after many months with care and change of diet.

My cat only ate this kibble as a small percentage of her diet, yet became paralysed and is now in gradual recovery.

If gamma-irradiated food does this to cats, what else could it be doing to humans

that hasn't yet become evident but might manifest later in life?

The Australian government's formal response to me failed to address my request for review of legislation but did concede the point that there is sufficient evidence to warrant a formal warning from now on, to all pet food importers, of the possible effects of gamma irradiation on cat food.

Readers might like to endorse these efforts by way of sending a letter of support to The Hon. Tony Burke, MP, Minister of Agriculture, Fisheries and Forestry, Parliament House, Canberra. It would be most appreciated. Thank you.

Sincerely,
Tania C., Australia

Sai Baba Misrepresentation

Hello Duncan: Quite a few years ago I met your dad when he visited New Zealand. We had an interesting chat and I dashed out and bought all his books. This is also how I found out about your magazine.

I bought NEXUS for a long time and enjoyed its content—until you started the scurrilous rubbish about Sai Baba.

Then, last year, as we were wandering across the Nullarbor on the train, I picked up one at Adelaide. Hello. You are still Sai-bashing.

The comments you printed are absolutely *out of context* and *out of culture*. In India, the phallus is revered; there are so many depictions of the *lingam* and *yonis*.

On a positive note, why can you not explore the *good* things that have been done or instigated by Sai Baba? It is my sincere hope that you have a good look at what is real and what is jaded, dirty-minded misrepresentation.

Cheers,
Jessica

[Dear Jessica: I used to believe in Sai Baba. I was investigating the sexual abuse and rape claims with the intent of proving his innocence. So I took more convincing than most, but the evidence was, and still is, irrefutable. Sai Baba has sexually abused and raped scores of young men and boys. His miracles are clever fakes and, in short, he is not the Messiah—he's a very naughty boy! And for the record, none of the Sai Baba centres I contacted denied the allegations. Instead, they suggested that the "good" he does outweighs any "bad". Ed.]

Unified Theory "Stolen"

Dear Duncan: In 1999 I conceived the "Unified Theory of Matter", after which I attempted to make it available to everyone to research.

The "scientific" journals were not interested (but curiously did not want to give the paper back), and publication on the web proved impossible as the site was constantly "hacked". NEXUS Magazine printed the article in volume 6, number 4 in 1999.

Recently I saw "scientific professionals" trying to take credit for some of the aspects of the theory. They had obviously assumed it was never able to be published in the open. Imagine their surprise when I made them aware of it!

Thank you, NEXUS. It seems that not all the information in the public domain can be controlled.

Samuel Costin, email sam_costin@hotmail.com

The HIV=AIDS Debate

Sir: In a recent issue of the French version of NEXUS you published a 14-page article on various aspects of the HIV=AIDS hysteria. I would congratulate you for this courageous publication and support all claims and arguments from a medical point of view.

Given the huge amount of important information in this article, it would be of great interest to have it translated into English.

As a specialist in obstetrics and gynaecology, I have been engaged in the debate of HIV=AIDS for almost 20 years and would be happy to help in the translation of technical terms.

Please find my latest summary in an article published last year in the recognised Dutch daily NRC at <http://tinyurl.com/oktl2x>.

A more extensive description has been given at a meeting in the European Parliament; see <http://tinyurl.com/qgxj3w>.

With kind regards,

Christian Fiala, MD, PhD, Vienna, Austria

[Dear Dr Fiala: Thanks for your offer. I'm definitely considering publishing an English-language version of the article run in the French edition and shall contact you in due course. At the time of going to press, the two papers to which you refer are no longer at those websites. Ed.]

TAINTED VACCINES DESIGNED TO CAUSE PANDEMIC?

Czech newspapers are questioning whether the shocking discovery of vaccines contaminated with the deadly avian flu virus—vaccines distributed to 18 countries by the American company Baxter International Inc. in Austria—were part of a conspiracy to provoke an influenza pandemic.

Because of laboratory protocols that are routine for vaccine makers, mixing a live-virus biological weapon with vaccine material by accident is virtually impossible.

Baxter flu vaccines contaminated with H5N1 (the human form of avian flu) were received by labs in the Czech Republic, Germany and Slovenia. Initially, Baxter refused to reveal how the vaccines were contaminated with H5N1, invoking "trade secrets". After increased pressure, the company then claimed that pure H5N1 batches were sent by accident.

But in the Czech Republic, reporters are investigating whether the contamination was part of a



deliberate attempt to start a pandemic, so that Baxter could benefit from sales of its vaccines.

The fact that Baxter mixed the deadly H5N1 virus with a mix of H3N2 seasonal flu viruses may be the smoking gun. The H5N1 virus on its own has killed hundreds of people, but it is less airborne. However, when combined with seasonal flu viruses, which are more easily spread, the effect could be a potent, super-airborne, super-deadly biological weapon.

(Source: *Prison Planet*, 5 March 2009, <http://tinyurl.com/d6hxuw>)

MONSANTO'S GM CORN CROP FAILS IN SOUTH AFRICA

South African farmers suffered millions of dollars in lost income when 82,000 hectares of genetically modified (GM) corn/maize produced hardly any seeds, with some farmers reporting 80 per cent crop failures.

Some 280 of the 1,000 farmers who planted the three varieties of Monsanto corn in the 2008–09 growing season have reported extensive seedless corn problems.

Environmental activists have called for an urgent government investigation and an immediate ban on all GM foods, blaming the crop failure on Monsanto's genetic manipulation technology.

The managing director of Monsanto in Africa, Kobus Lindeque, denied that the problem was caused in any way by biotechnology. Instead, there had been "insufficient fertilisation during the seed-production process".

(Source: *Digital Journal*, 29 March 2009, www.digitaljournal.com/article/270101)

EU WANTS GLOBAL GROUP TO RULE CYBERSPACE

The European Commission wants the USA to dissolve all government links with the body that "governs" the Internet and replace it with an international forum for discussing Internet governance and online security.

The rules and decisions on key Internet governance issues, such as the creation of top-level domains (e.g., .com and .eu) and managing the Internet address system that ensures computers can connect to each other, are currently made by the Internet Corporation for Assigned Names and Numbers



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(ICANN). This is a private, not-for-profit corporation based in California which operates under an agreement with the US Department of Commerce. The decisions made by ICANN affect the way the Internet works all around the world.

On 4 May, European Union Information Society Commissioner Viviane Reding suggested a new model for overseeing the Internet from October this year, when the Commerce Department agreement runs out.

The new US administration's position on global Internet governance is not yet clear. However, during the Bush administration, Washington was steadfastly opposed to handing ICANN over to the United Nations.

(Source: Business Week, 6 May 2009, <http://tinyurl.com/cmpbcd>)

US FORECLOSURES AND REPOSSESSIONS RISING

In April, RealtyTrac released its US Foreclosure Market Report for the first quarter (Q1) of 2009, which shows that foreclosure filings—default notices, auction sale notices and bank repossessions—were reported on 803,489 properties in the first quarter, a nine per cent increase from the previous quarter and an increase of nearly 24 per cent from Q1 2008.

Foreclosure filings were reported on 341,180 properties in March, a 17 per cent increase from the previous month and a 46 per cent increase from March 2008.

The March and Q1 2009 totals were the highest monthly and quarterly totals since RealtyTrac began issuing its report in January 2005; these were despite a decrease in bank repossessions (REOs), which were down 13 per cent from the fourth quarter of 2008 and three per cent from the February total.

(Source: RealtyTrac, 16 April 2009, <http://tinyurl.com/onrngm>)

INDUS VALLEY CODE SOON TO BE CRACKED?

A 4,500-year-old mystery has been revived, with scientists claiming that the puzzling symbols found on Indus Valley seals are indeed the written script of a language from an ancient civilisation.

Very little is known about the Indus Valley civilisation, unlike its river valley contemporaries in ancient Egypt, Mesopotamia and China, largely because its "script" is yet to be deciphered, even though some of its ruins were discovered as far back as the mid-1800s. There appears to be little doubt that a reasonably advanced civilisation thrived in the Indus Valley but mysteriously vanished.

For the past decade, scholars and scientists worldwide have argued whether engravings found on hundreds of Indus Valley objects, such as seals and tablets, are a mysterious script of a language—like ancient Egyptian hieroglyphs—or merely non-lingual signs or pictograms.

On 23 April, the US-based journal *Science* published a paper by a team of Indian and Indian-American scientists and researchers which claims that patterns of symbols on

Indus Valley objects have the definitive linguistic pattern found in written languages. Such a pattern is different from non-linguistic signs.

The excavations in the Indus Valley region, covering areas in India, Pakistan and Afghanistan, show evidence of an advanced urban civilisation. The ruins of excavated Indus Valley cities such as Mohenjodaro and Harappa reveal elaborate urban infrastructure such as well-planned streets, brick houses, sophisticated drainage and water-storage systems, trading, use of weights, jewellery, knowledge of metallurgy and tool-making.

Archaeologists say that many more Indus Valley cities are yet to be excavated.

(Source: Asia Times Online, 30 April 2009, <http://tinyurl.com/ddzuju>)

TOP DOCTOR FAKED DATA ON PAINKILLER BENEFITS

A prominent Massachusetts anaesthesiologist fabricated 21 medical studies that claim to show benefits from painkillers like Vioxx® and Celebrex®, according to the hospital where he worked.

Baystate Medical Center, in Springfield, Massachusetts, said that its former chief of acute pain,



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Scott S. Reuben, had faked data used in the studies which were published in several anaesthesiology journals between 1996 and 2008.

Dr Reuben, a spokesperson for Pfizer (which paid for some of his research), even wrote to the Food and Drug Administration (FDA), urging the agency not to restrict the use of many of the painkillers he studied, citing his own data on their safety and effectiveness. (FDA analysts conservatively estimate that Vioxx alone caused between 88,000 and 139,000 heart attacks, 30 to 40 per cent of which were probably fatal, in the five years in which the drug was on the market.)

The hospital has asked the medical journals to retract the 21 studies, most of which reported favourable results from the use of painkillers like Pfizer's Bextra® and Merck & Co.'s Vioxx—both since withdrawn—as well as Pfizer's Celebrex and Lyrica®.

Last month, the journal *Anesthesia & Analgesia* retracted 10 of Dr Reuben's studies and posted a list on its website of the 11 studies published elsewhere. The journal *Anesthesiology* said it has retracted three of Dr Reuben's articles.

(Source: The Wall Street Journal, 11 March 2009, <http://tinyurl.com/aqxoac>)

EUROPE'S AGE DEMOGRAPHICS BEGIN TO BITE

The working-age population of the European Union (EU) will peak next year before tipping into decline for half a century. This will cause a relentless rise in pension and health costs that risk asphyxiating the region's economy.

A new report by the European Commission says that this financial crisis could turn into a "permanent shock to growth" from which Europe never fully recovers unless it moves quickly to bring its public debts under control.

Every EU country has a fertility rate below 2.1 births per woman, the minimum to keep the population stable. The average is 1.51, chiefly caused by women waiting late into their 20s or 30s before having children. This stretches out the generations. The ageing crunch is expected to hit hardest from 2015 to 2035.

Britain is expected to fare relatively well, helped by immigrants and, some say, by its unwed teenage mothers who have lifted the fertility rate to 1.8. The British working-age cohort will be the biggest of any EU country by mid-century at 45 million, followed closely by France.

Germany's working population will

shrink by 29 per cent to just 39 million, while Poland, Bulgaria, Romania and the Baltic states will all see drops of over 40 per cent.

The EU "dependency ratio" will soar: there will be two workers to support each person over 65, compared to four today.

(Source: The Telegraph, UK, 29 April 2009, <http://tinyurl.com/dq6ddh>)

G20 BACKS GLOBAL CURRENCY

The world is a step closer to a global currency, backed by a global central bank running monetary policy for all humanity.

A single clause in point 19 of the communiqué issued by the G20 leaders at the end of the April summit amounts to revolution in the global financial order.

"We have agreed to support a general SDR allocation which will inject \$250bn (£170bn) into the world economy and increase global liquidity," it said.

SDRs are Special Drawing Rights, a synthetic paper currency issued by the International Monetary Fund (IMF) that has lain dormant for half a century.

In effect, the G20 leaders have activated the IMF's power to create money and begin global "quantitative easing". In doing so, they are putting a *de facto* world currency into play. It is outside the control of any sovereign body.

(Source: The Telegraph, UK, 7 April 2009, <http://tinyurl.com/dxbcn6>. See Andrew Marshall's article, "The Financial New World Order", in this edition.)

US BLACK BUDGET GROWS

The Pentagon wants to spend just over US\$50 billion on classified programs next year, according to newly released US Defense Department budget documents.

"That's the largest-ever sum," says *Aviation Week's* Bill Sweetman, a long-time black-budget seer, and it's a three per cent increase over last year's total.

It makes the Pentagon's secret



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operations, including the intelligence budgets nested inside, "roughly equal in magnitude to the entire defense budgets of the UK, France or Japan", Sweetman adds.

Also buried in the Pentagon's just-released budget documents:

- Money for "Directed Energy Technology" jumps from \$62.7 million to \$105.7 million in 2010.
- Cash for "Prompt Global Strike Capability Development"—weapons that can hit anywhere on the planet in just a few hours—jumps from \$74.1 million to \$166.9 million.

In terms of the general defence budget, the cost of fighting the war in Afghanistan will overtake that of the Iraq conflict for the first time in 2010.

On top of the basic defence budget of \$533.7 billion, the White House is requesting a further \$130 billion for overseas missions, including \$65 billion for Afghanistan and \$61 billion for Iraq.

(Sources: *Wired*, 7 May 2009, <http://tinyurl.com/r7xtzf>; *SpaceWar.com*, 7 May 2009, <http://tinyurl.com/pxwlc6>)

SCIENTISTS CLAIM THERMITE FOUND IN WTC DUST SAMPLES

In a study published in *The Open Chemical Physics Journal*, Steven E. Jones and Niels Harrit level a stark allegation: that samples of the dust and rubble from the World Trade Center towers show evidence of "a highly engineered explosive", contrary to all federal studies of the collapses. They claim their analysis has uncovered "active thermitic material".

"This finding really goes beyond anything that has previously been shown," said Jones in a media advisory. "We had to use sophisticated tools to analyze the dust because this isn't just a typical explosive, RDX or CD4 or something: this is a highly engineered material not readily available to just anyone."

(Source: *TheRawStory*, 4 April 2009, <http://tinyurl.com/cw3q35>)

IS THE BILDERBERG GROUP PLANNING ECONOMIC DEPRESSION?

On the eve of the 58th Bilderberg Group conference, which is due to be held on 14–17 May at the five-star Nafsika Astir Palace Hotel in Vouliagmeni, Greece, investigative reporter Daniel Estulin has uncovered details of what the elitists plan to do with the economy over the course of the next year. According to Estulin's sources, here are a few of the talking points and concerns for this year's meeting.

- The future of the US dollar and US economy. The plan is for the Bilderberg Group players, through their allies in Washington and Wall Street, to continue to deceive millions of savers and investors who believe the hype about the supposed up-turn in the economy. They are about to be set up for massive losses and searing financial pain in the months ahead. The bank "stress tests" now being conducted by Washington are little more than a shameless hoax—based on the irrational assumption that the economy won't get as bad as it already is!

- US unemployment: solutions and assumptions (stated as such in the pre-meeting booklet sent to attendees). Bilderberg is quietly assuming that US unemployment numbers will hover around 14 per cent by the end of this year, far higher than the official numbers released by the US government.

- Depression or prolonged stagnation (stated as such in the pre-meeting booklet). Bilderberg is looking at two options: either a prolonged, agonising depression that dooms the world to decades of stagnation, decline and poverty, or an intense but shorter depression that paves the way for a new sustainable economic world order with less sovereignty but more efficiency.

- There will be a final push for the enactment of the Lisbon Treaty, depending on the Irish voting "yes" in September or October. One of their concerns is addressing and neutralising the anti-Lisbon Treaty movement called *Libertas*, led by Declan Ganley. One of the Bilderbergers' planned moves is to use a whispering campaign in the US media to suggest that Ganley is being funded by US arms dealers linked to the US military.

Daniel Estulin, Jim Tucker and other sources who have infiltrated Bilderberg meetings in the past have routinely provided information about the Bilderberg agenda that later plays out on the world stage, proving that the organisation is not merely a "talking shop", as debunkers claim, but an integrated planning forum for the New World Order agenda.

Indeed, in March, Belgian viscount and current Bilderberg chairman Étienne Davignon bragged that Bilderberg helped create the euro by introducing the policy agenda for a single currency in the early 1990s. Bilderberg's agenda for a European federal superstate and a single currency likely goes back even further. A BBC investigation has uncovered documents from early Bilderberg meetings which confirm that the European Union was a brainchild of Bilderberg.

In 2006, Estulin predicted that the US housing market would be allowed to soar before the bubble was cruelly popped, which is just what transpired. In early 2008, Estulin predicted that Bilderberg was creating conditions for a financial calamity, later confirmed by the Lehman Brothers collapse.

It remains to be seen what kind of mainstream media press coverage Bilderberg 2009 will be afforded because, despite the proven track record of Bilderberg with its central role in influencing subsequent geopolitical and financial world events, and despite last year's meeting being held in Washington, DC, the US corporate media oversaw an almost universal blackout of reporting on the 2008 conference, its attendees and what was discussed.

(Sources: *Canada Free Press*, 5 May 2009, <http://canadafreepress.com/index.php/article/10854>; *Prison Planet*, 6 May 2009, <http://tinyurl.com/c7k2ou>)

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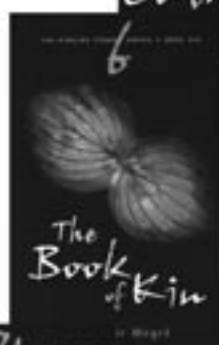
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The Financial New World Order

In response to the current economic crisis, plans are being fast-tracked to create a New World Order in finance and establish a global central bank and regional currencies if not a single currency.

Part 1 of 2

by Andrew G. Marshall

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Centre for Research on Globalization
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Website:
<http://www.globalresearch.ca>

TOWARDS A GLOBAL CURRENCY AND WORLD GOVERNMENT

Following the 2009 G20 summit, plans were announced for implementing the creation of a new global currency to replace the US dollar's role as the world reserve currency. Point 19 of the communiqué released by the G20 at the end of the Summit stated: "We have agreed to support a general SDR allocation which will inject \$250bn (£170bn) into the world economy and increase global liquidity." SDRs, or Special Drawing Rights, are "a synthetic paper currency issued by the International Monetary Fund [IMF]". As the UK *Telegraph* reported: "...the G20 leaders have activated the IMF's power to create money and begin global 'quantitative easing'. In doing so, they are putting a de facto world currency into play. It is outside the control of any sovereign body. Conspiracy theorists will love it."

The article continued in stating: "There is now a world currency in waiting. In time, SDRs are likely to evolve into a parking place for the foreign holdings of central banks, led by the People's Bank of China." Further, "[t]he creation of a Financial Stability Board looks like the first step towards a global financial regulator", or, in other words, a global central bank.

It is important to take a closer look at these "solutions" being proposed and implemented in the midst of the current global financial crisis. These are not new suggestions, as they have been in the plans of the global elite for a long time. However, in the midst of the current crisis, the elite have fast-tracked their agenda of forging a New World Order in finance. It is important to address the background to these proposed and imposed "solutions" and what effects they will have on the International Monetary System (IMS) and the global political economy as a whole.

A NEW BRETTON WOODS AGREEMENT

In October 2008, Gordon Brown, Prime Minister of the UK, said that we "must have a new Bretton Woods—building a new international financial architecture for the years ahead". He continued in saying that "we must now reform the international financial system around the agreed principles of transparency, integrity, responsibility, good housekeeping and co-operation across borders". An article in the *Telegraph* reported that Gordon Brown would want "to see the IMF reformed to become a 'global central bank' closely monitoring the international economy and financial system".²

On 17 October 2008, Prime Minister Gordon Brown wrote an op-ed in the *Washington Post* in which he said: "This week, European leaders came together to propose the guiding principles that we believe should underpin this new Bretton Woods: transparency, sound banking, responsibility, integrity and *global governance*. We agreed that urgent

decisions implementing these principles should be made to root out the irresponsible and often undisclosed lending at the heart of our problems. To do this, we need cross-border supervision of financial institutions; shared global standards for accounting and regulation; a more responsible approach to executive remuneration that rewards hard work, effort and enterprise but not irresponsible risk-taking; and the *renewal of our international institutions* to make them effective early-warning systems for the world economy."³ (Emphasis added.)

In early October 2008, it was reported that "as the world's central bankers gather this week in Washington DC for an IMF–World Bank conference to discuss the crisis, the big question they face is whether it is time to establish a global economic 'policeman' to ensure the crash of 2008 can never be repeated". Further, "any organisation with the power to police the global economy would have to include representatives of every major country—a United Nations of economic regulation". A former governor of the Bank of England suggested that "the answer might already be staring us in the face, in the form of the Bank for International Settlements (BIS)". However, he said: "The problem is that it has no teeth. The IMF tends to couch its warnings about economic problems in very diplomatic language, but the BIS is more independent and much better placed to deal with this if it is given the power to do so."⁴

EMERGENCE OF REGIONAL CURRENCIES

On 1 January 1999, the European Union established the euro as its regional currency. The euro has grown in prominence over the past several years. However, it is not to be the only regional currency in the world. There are moves and calls for other regional currencies to be set up throughout the world.

In 2007, *Foreign Affairs*, the journal of the Council on Foreign Relations, ran an article titled "The End of National Currency", in which it began by discussing the volatility of international currency markets and

saying that very few "real" solutions have been proposed to address successive currency crises. The author posed the question: "...will restoring lost sovereignty to governments put an end to financial instability?"

He answered by stating: "This is a dangerous misdiagnosis... The right course is not to return to a mythical past of monetary sovereignty, with governments controlling local interest and exchange rates in blissful

ignorance of the rest of the world. Governments must let go of the fatal notion that nationhood requires them to make and control the money used in their territory. National currencies and global markets simply do not mix; together they make a deadly brew of currency crises and geopolitical tension and create ready pretexts for damaging protectionism. In order to globalize safely, countries should abandon monetary nationalism and abolish unwanted currencies, the source of much of today's instability."

The author explained: "Monetary nationalism is simply incompatible with globalization. It has always been, even if this has only become apparent since the 1970s, when all the world's governments rendered their currencies intrinsically worthless." The author stated: "Since economic development outside the process of globalization is no longer possible, countries should abandon monetary nationalism. Governments should replace national currencies with the dollar or the euro or, in the case of Asia, collaborate to produce a new multinational currency over a comparably large and economically diversified area."⁵

**The euro has grown
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the only regional currency
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Essentially, according to the author, the solution lies in regional currencies. According to a Bloomberg report, in October 2008 "European Central Bank council member Ewald Nowotny said a 'tri-polar' global currency system is developing between Asia, Europe and the US and that he's skeptical the US dollar's centrality can be revived".⁶

The Union of South American Nations

The Union of South American Nations (UNASUR) was established on 23 May 2008, with the headquarters to be in Ecuador, the South American Parliament to be in Bolivia, and the Bank of the South to be in Venezuela. The BBC reported: "The leaders of 12 South American nations have formed a regional body aimed at boosting economic and political integration in the region... The Unasur members are Argentina, Bolivia, Brazil, Chile, Colombia, Ecuador, Guyana, Paraguay, Peru, Suriname, Uruguay and Venezuela."⁷

The week following the announcement of the Union, it was reported: "Brazilian President Luiz Inácio Lula da Silva said...that South American nations will seek a common currency as part of the region's integration efforts following the creation of the Union of South American Nations..." He was quoted as saying: "We are proceeding so as, in the future, we have a common central bank and a common currency."⁸

The Gulf Cooperation Council and a Regional Currency

In 2005, the Gulf Cooperation Council (GCC), a regional trade bloc among Bahrain, Kuwait, Oman, Qatar, Saudi Arabia and the United Arab Emirates, announced the goal of creating a single common currency by 2010. It was reported: "An economically united and efficient GCC is clearly a more interesting proposition for larger companies than each individual economy, especially given the impediments to trade evident within the region. This is why trade relations within the GCC have been a core focus of late." Further, it was stated that "[t]he natural extension of this trend for increased integration is to introduce a common currency in order to further facilitate trade between the different countries". It was announced that "the region's central bankers had agreed to pursue monetary union in a similar fashion to the rules used in Europe".⁹

In June 2008, it was reported that "Gulf Arab central bankers agreed to create the nucleus of a joint central bank next year in a major step forward for monetary union but signaled that a new common currency would not be in circulation by an agreed 2010 target".¹⁰ In 2002, it was announced that the "Gulf states say they are seeking advice from the European Central Bank on their monetary union programme". In February 2008, Oman announced that it would not be joining the monetary union. In November 2008, it was reported that the "[f]inal monetary union draft says [the] Gulf central bank will be independent from governments of member states".¹¹

In March 2009, it was reported: "The GCC should not rush into forming a single currency as member states need to work out the framework for a regional central bank, Saudi Arabia's Central Bank Governor Muhammad Al Jasser said..." Al Jasser was quoted as saying: "It took the European Union 45 years to put together a single currency.

We should not rush." In 2008, with the global financial crisis, new problems were posed for the GCC initiative: "Pressure mounted last year on the GCC members to drop their currency pegs as inflation accelerated above 10 per cent in five of the six countries. All of the member states except Kuwait peg their currencies to the dollar and tend to follow the US Federal Reserve when setting interest rates."¹²

An Asian Monetary Union

In 1997, the Brookings Institution, a prominent American think-tank, discussed the possibilities of an East Asian Monetary Union, stating: "The question for the 21st century is

whether analogous monetary blocs will form in East Asia (and, for that matter, in the Western Hemisphere). With the dollar, the yen, and the single European currency floating against one another, other, small open economies will be tempted to link up to one of the three.

"But the linkage will be possible only if accompanied by radical changes in institutional arrangements like those contemplated by the European Union. The spread of capital mobility and political democratization will make it prohibitively difficult to peg exchange rates unilaterally. Pegging will require international cooperation, and effective cooperation will require measures akin to monetary unification."¹³

**"The GCC
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bank..."**

In 2001, an *Asia Times* Online article discussed a speech given by economist Robert A. Mundell at Bangkok's Chulalongkorn University: "The 'Asean plus three' (the 10 members of the Association of Southeast Asian Nations plus China, Japan, and Korea) 'should look to the European Union as a model for closer integration of monetary policy, trade and eventually, currency integration,' said Mundell."¹⁴

On 6 May 2005, the website of the Association of Southeast Asian Nations announced: "China, Japan, South Korea and the 10 members of the Association of Southeast Asian Nations (ASEAN) have agreed to expand their network of bilateral currency swaps into what could become a virtual Asian Monetary Fund... Finance officials of the 13 nations, who met in the sidelines of the Asian Development Bank (ADB) annual conference in Istanbul, appeared determined to turn their various bilateral agreements into some sort of multilateral accord, although none of the officials would directly call it an Asian Monetary Fund."¹⁵

In August 2005, the Federal Reserve Bank of San Francisco published a report¹⁶ on the prospects of an East Asian Monetary Union, stating that East Asia satisfies the criteria for joining a monetary union. However, it stated that, compared to the European initiative, "[t]he implication is that achieving any monetary arrangement, including a common currency, is much more difficult in East Asia". It further stated that "[i]n Europe, a monetary union was achievable primarily because it was part of the larger process of political integration". However, it also stated: "There is no apparent desire for political integration in East Asia, partly because of the great differences among those countries in terms of political systems, culture, and shared history. As a result of their own particular histories, East Asian countries remain particularly jealous of their sovereignty."

Another major problem, as presented by the San Francisco Fed, is that "East Asian governments appear much more suspicious of strong supranational institutions" and thus, "in East Asia, sovereignty concerns have left governments reluctant to delegate significant authority to supranational bodies, at least so far". It explains that as opposed to the steps taken to create a monetary union in Europe, "no broad free trade agreements have been achieved among the largest countries in the region, Japan, Korea, Taiwan, and China". Another problem is: "East Asia does not appear to have an obvious candidate for an internal anchor currency for a cooperative exchange rate arrangement."

"Most successful new currencies have been started on the back of an existing currency, establishing confidence in its convertibility, thus linking the old with the new."

The report concluded: "...exchange rate stabilization and monetary integration are unlikely in the near term. Nevertheless, East Asia is integrating through trade, even without an emphasis on formal trade liberalization agreements. Moreover, there is evidence of growing financial cooperation in the region, including the development of regional arrangements for providing liquidity during crises through bilateral foreign exchange swaps, regional economic surveillance discussions, and the development of regional bond markets." Finally, it stated: "East Asia might also proceed along the same path [as Europe], first with loose agreements to stabilize currencies, followed later by tighter agreements, and culminating

ultimately in adoption of a common anchor—and, after that, maybe an East Asia dollar."

In 2007, AFP reported that "Asia may need to establish its own monetary fund if it is to cope with future financial shocks similar to that which rocked the region 10 years ago" and that "[f]urther Asian financial integration is the best antidote for Asian future financial crises".¹⁷

In September 2007, *Forbes* reported: "An East Asian monetary union anchored by Japan is feasible but the region lacks the political will to do it, the Asian Development Bank [ADB] said." Pradumna Rana, an ADB economist, said that "it appears feasible to establish a currency union in East Asia—particularly among Indonesia, Japan, (South) Korea, Malaysia, Philippines, Singapore and Thailand". Another study by ADB's Ganesan Wignaraja and Michael Plummer of Johns Hopkins University claimed that "[t]he economic potential for monetary integration in Asia is strong, even though the political underpinnings of such an accord are not yet in place". In addition, they said that the real integration at the trade levels "will actually reinforce the economic case for monetary union in Asia, in a similar way that real-sector integration did so in Europe". According to the report, "Rana said the road to an Asian monetary union could proceed on a 'multi-track, multi-speed' basis with a seamless Asian free trade area the goal on the trade side".¹⁸

In April 2008, Xinhua reported that "ASEAN bank deputy governors and financial deputy ministers have met in Vietnam's central Da Nang city, discussing issues on the financial and monetary integration and cooperation in the region".¹⁹

"East Asia does not appear to have an obvious candidate for an internal anchor currency for a cooperative exchange rate arrangement..."

African Monetary Union

Currently, Africa has several different monetary union initiatives as well as some existing monetary unions within the continent. One initiative is the "monetary union project of the Economic Community of West African States (ECOWAS)", which is a "regional group of 15 countries in West Africa".²⁰ Among the members are those of an already existing monetary union in the region, the West African Economic and Monetary Union (WAEMU). The ECOWAS consists of Benin, Burkina Faso, Côte d'Ivoire, Guinea, Guinea Bissau, Mali, Niger, Senegal, Sierra Leone, Togo, Cape Verde, Liberia, Ghana, Gambia and Nigeria. The African Union (AU) was founded in 2002 and is an intergovernmental organisation consisting of 53 African states.

In 2003, the Brookings Institution produced a paper²¹ on African economic integration. In it, the authors started by stating: "Africa, like other regions of the world, is fixing its sights on creating a common currency. Already, there are projects for regional monetary unions, and the bidding process for an eventual African central bank is about to begin." The report stated: "A common currency was also an objective of the Organization for African Unity and the African Economic Community, the predecessors of the AU." It also stated: "The 1991 Abuja Treaty establishing the African Economic Community outlines six stages for achieving a single monetary zone for Africa that were set to be completed by approximately 2028. In the early stages, regional cooperation and integration within Africa would be strengthened, and this could involve regional monetary unions. The final stage involves the establishment of the African Central Bank (ACB) and creation of a single African currency and an African Economic and Monetary Union."

The paper further stated that the African Central Bank "would not be created until around 2020, [but] the bidding process for its location is likely to begin soon"; however, "there are plans for creating various regional monetary unions, which would presumably form building blocks for the single African central bank and currency".

In August 2008, allAfrica.com reported that "[g]overnors of African Central Banks convened in Kigali Serena Hotel to discuss issues concerning the

creation of three African Union (AU) financial institutions" following "the AU resolution to form the African Monetary Fund (AMF), African Central Bank (ACB) and the African Investment Bank (AIB)". The governors "agreed that when established, the ACB would solely issue and manage Africa's single currency and monetary authority of the continent's economy".²²

On 2 March 2009, it was reported that "[t]he African Union will sign a memorandum of understanding this month [March] with Nigeria on the establishment of a continental central bank" and that "[t]he institution will be based in the Nigerian capital, Abuja, African Union Commissioner for Economic Affairs Maxwell Mkwezalamba told reporters". Further, "[a]s an intermediate step to the creation of the bank, the pan-

African body will establish an African Monetary Institute within the next three years, he said at a meeting of African economists in the city" and he was quoted as saying that "[w]e have agreed to work with the Association of African Central Bank Governors to set up a joint technical committee to look into the preparation of a joint strategy".²³

The website for the Kenyan Ministry of Foreign Affairs reported that "[t]he African Union Commissioner for Economic Affairs

Dr Maxwell Mkwezalamba has expressed optimism for the adoption of a common currency for Africa" and that the main theme discussed at the AU Commission meeting in Kenya was "Towards the Creation of a Single African Currency: Review of the Creation of a Single African Currency: Which optimal Approach to be adopted to accelerate the creation of the unique continental currency".²⁴

"It is important to note that in practice Canada has given up its economic sovereignty in many areas, the most important of which involve the World Trade Organization (formerly the GATT)..."

A North American Monetary Union and the Amero

In January 2008, I wrote an article documenting the moves toward the creation of a North American currency, likely under the name "amero" (see Andrew G. Marshall, "North American Monetary Integration: Here Comes the Amero", Global Research, 20 January 2008). I will briefly outline here the information presented in that article. In 1999, the Fraser Institute, a prominent and highly influential Canadian think-tank, published a report written by economics professor and former MP Herbert Grubel titled "The Case for the Amero: The Economics and Politics of a North American Monetary Union". He wrote that "[t]he plan for a North American Monetary Union

presented in this study is designed to include Canada, the United States, and Mexico" and that a "North American Central Bank, like the European Central Bank, will have a constitution making it responsible only for the maintenance of price stability and not for full employment".²⁵

He opined: "...sovereignty is not infinitely valuable. The merit of giving up some aspects of sovereignty should be determined by the gains brought by such a sacrifice... It is important to note that in practice Canada has given up its economic sovereignty in many areas, the most important of which involve the World Trade Organization (formerly the GATT), the North American Free Trade Agreement" as well as the International Monetary Fund and the World Bank.²⁶

Also in 1999, the C.D. Howe Institute, another of Canada's most prominent think-tanks, produced a report titled "From Fixing to Monetary Union: Options for North American Currency Integration". In this document, it was written: "The easiest way to broach the notion of a NAMU [North American Monetary Union] is to view it as the North American equivalent of the European Monetary Union (EMU) and, by extension, the euro."²⁷

It further stated: "That a NAMU would mean the end of sovereignty in Canadian monetary policy is clear. Most obviously, it would mean abandoning a made-in-Canada inflation rate for a US or NAMU inflation rate."²⁸

In May 2007, David Dodge, then Governor of the Bank of Canada (Canada's central bank), said that "North America could one day embrace a euro-style single currency". It was reported that "[s]ome proponents have dubbed the single North American currency the 'amero'". Answering questions following his speech, Dodge said that a single currency is "possible".²⁹

In November 2007, one of Canada's richest billionaires, Stephen Jarislowsky, also a member of the board of the C.D. Howe Institute, told a Canadian parliamentary committee that "Canada should replace its dollar with a North American currency, or peg it to the US greenback, to avoid the exchange rate shifts the loonie [the Canadian one-dollar coin] has experienced". He added: "I think we have to really seriously start thinking of the model of a continental currency just like Europe."³⁰

The former President of Mexico, Vicente Fox, while appearing on CNN's *Larry King Live* in 2007, was asked a question regarding the possibility of a common currency for Latin America, to which he responded by saying: "Long term, very long term. What we propose together, President Bush and myself, it's ALCA, which is a trade union for all of the Americas. And everything was running fluently until Hugo Chávez came. He decided to isolate himself. He decided to combat the idea and destroy the idea..." Larry King then asked: "It's going to be like the euro dollar, you mean?" Fox responded: "Well, that would be long, long term. I think the processes to go, first step into is

trading agreement. And then further on, a new vision, like we are trying to do with NAFTA."³¹

In January 2008, Herbert Grubel, the author who coined the term "amero" for the Fraser Institute report, wrote an article for the *Financial Post* in which he recommends fixing the Canadian loonie to the US dollar at a fixed exchange rate, but admits that there are inherent problems with having the US Federal Reserve thus control Canadian interest rates. He added:

"...there is a solution to this lack of credibility. In Europe, it came through the creation of the euro and formal end of the ability of national central banks to set interest rates. The analogous creation of the amero is not possible without the unlikely co-operation of the United States. This leaves the credibility issue to be solved by the unilateral adoption of a currency board, which would ensure that international payments

imbalances automatically lead to changes in Canada's money supply and interest rates until the imbalances are ended, all without any actions by the Bank of Canada or influence by politicians. It would be desirable to create simultaneously the currency board and a New Canadian Dollar valued at par with the US dollar. With longer-run competitiveness assured at US90¢ to the US dollar..."³²

In January 2009, Market Watch, an online publication of the *Wall Street Journal*, discussed the possibility of hyperinflation of the United States dollar and then stated, regarding the possibility of an amero: "On its face, while difficult to imagine, it makes intuitive sense."

"As perceptions grow that the world is gradually segmenting into a few regional currency blocs, the logical extension of such a trend also emerges as a theoretical possibility: a single world currency."

Continued on page 81

The Dangers of Blood Transfusions

Donated blood contains pathogens that can adversely affect the recipient following major stress such as surgery. Chief among these is the organism that causes Lyme disease, which is now reaching epidemic proportions worldwide.

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Excessive use of blood transfusions is a major cause of death that has generally been overlooked. Conservative study estimates that at least 25 per cent of them are unnecessary.¹ Transfusions are given to 10 per cent of all patients entering hospitals, and are frequently given for the treatment of anaemia. However, blood transfusions may cause greater problems than they provide benefits.

Adverse Effects of Transfusions

In the United States there are about 500,000 heart bypass operations performed each year. Researchers at the University of Michigan studied 9,218 persons aged 65 or older who had coronary artery bypass surgery. They learned that patients who had received blood transfusions were *five times more likely to die* within 100 days of the surgery than patients who had not been transfused.² More than 66 per cent of the men and 88 per cent of the women having this operation received blood transfusions. Women had a nine per cent death rate within 100 days of this operation, but only six per cent of men died in the same time interval.

The primary cause of death in these bypass patients was infection at a site unrelated to the operative procedure. The odds of developing an infection were three times higher in these bypass patients who had received a blood transfusion compared with patients who had not been transfused during the surgery. The more units of blood transfused, the greater the risk of infection.

If transfusions are dangerous, it is easy to understand why more women die than men because their smaller blood volume means that they receive proportionally more blood in the transfusion process.

A coronary artery bypass operation is a huge stress for an elderly person. This major operation produces profound immuno-suppression in the body. This means that the body will not be able to do a good job fighting off infections and/or the spread of cancer cells for several months after this surgery.

So, of even greater importance are the adverse effects of the transfusion itself. What are these transfusions doing to the body? Some undesirable effects of transfusion include the following...

- The infections seen are not at the site of the operation but are randomly scattered throughout the body, which suggests that the immune system is not capable of preventing serious infections. Something has injured the immune system.
- Blood transfusions place an enormous burden on the immune system in patients having surgery.
- Every individual's blood is unique and contains dozens of antigens capable of producing adverse responses in the blood recipient. These antigens can include inhaled antigens, poorly digested proteins that were

able to be absorbed into the bloodstream, tumour antigens and antibodies directed against parts of the body perceived as foreign (e.g., auto-antibodies to islet cells, bronchial epithelium, synovial membranes, etc.). The blood may also contain residues of cigarette smoke as well as pesticides, herbicides, inhaled cleaning substances, chemicals, etc.

- We are all constantly fighting off infections. Therefore, donated blood may contain viral, bacterial, spirochaetal, mycoplasmal, parasitic and fungal organisms which the donor was battling. This means that donated blood may contain pathogens capable of causing a cold, gingivitis, sinusitis or even a serious infection such as Lyme disease or Chaga's disease in the recipient. For example, it is estimated that one in every six persons in the world is infected with *Borrelia burgdorferi* (Bb) spirochaetes, the cause of Lyme disease.³

So, all blood can and does transmit infectious agents. Given to a healthy person, this blood would not usually cause a fatal problem; but, given to an immuno-suppressed patient trying to recuperate from a major operation, it may become the straw that broke the camel's back.

- The most important pathogen in blood is probably *Borrelia burgdorferi*, but it is *not* tested for in transfused blood. It is easy to understand how a patient seriously ill after bypass surgery could be overwhelmed by the onset of Lyme disease postoperatively. Lyme disease is rampant because it is easily spread from person to person. Most patients with Lyme disease have a silent infection that does not become evident *until a serious incident damages their immune system*. Such an incident could be major surgery, accident, infection, immune injury from alcohol or drugs, insomnia, stress, etc. This means that there are millions of persons walking around who may look healthy but their blood would be dangerous to receive because it contains Bb spirochaetes.

Lyme disease is now impossible to be diagnosed accurately because the two best tests for the disease are no longer available (i.e., Dr Lida Mattman's Blood Culture Technique and Dr JoAnne Whitaker's Q-RIBb test). These tests were foolproof because growing spirochaetes out of the blood or visualising pieces of spirochaetes in blood samples constitutes undeniable proof of diagnosis.

So, considering that one in six persons has the Bb spirochaetes in their blood, if you receive six units of blood in a transfusion you are probably getting Bb spirochaetes. We will never know how many postoperative deaths in transfused patients have been

caused by undiagnosed Lyme disease because reliable tests are no longer available to diagnose this disease.

In addition, Chaga's disease, a parasitic illness from Latin America, damages the heart and is certainly being infused into unfortunate persons getting blood transfusions these days. Neither Chaga's disease nor Lyme disease is likely to be considered in the postoperative period.

- Diagnosable transfusion reactions (e.g., chills, fever, skin rash) occur in one out of every 100 transfused persons. A major operation like bypass surgery causes a profound immuno-suppressive reaction which damages the body's ability to kill bacteria and cancer cells for several months.

Results of Blood Transfusions in Other Health Conditions

• Cancer Therapy

The immuno-suppressive state following colon cancer surgery, for instance, can be blocked by the drug Tagamet® taken before or started shortly after the operation. Patients treated with Tagamet for one year have a *significantly higher survival rate* than controls not receiving Tagamet.⁴

However, chemotherapy and radiation treatment suppress bone marrow production of red blood cells. The resulting anaemia is often treated with blood transfusions. These transfusions in cancer patients come with a price.

In Holland, a study of colon cancer patients revealed that only 48 per cent of transfused patients were alive at five years compared to 74 per cent of non-transfused patients.⁵ The results for head and neck cancers were even worse. Cancer of the larynx had only 14 per cent survivors at five years in transfused patients but had 65 per cent in non-transfused patients. In cancers of the oral cavity, the cancer recurrence rate was 71 per cent in transfused patients but 31 per cent in non-transfused patients.⁶

A lung cancer study from Europe confirmed adverse results with transfusions. Thirty-day mortality rose from 2.4 per cent for patients not transfused to 10.9 per cent for those getting two or fewer transfusions and to 21.9 per cent for patients receiving more than two units of blood.⁷ Other studies in patients with colon cancer have confirmed that the more blood transfused, the worse the results.⁸

• Hip Replacement Surgery

Patients undergoing hip replacement surgery who received transfusions had a 35 per cent greater risk of a serious bacterial infection and a 52 per cent greater

Donated blood may contain viral, bacterial, spirochaetal, mycoplasmal, parasitic and fungal organisms which the donor was battling.

risk of developing pneumonia.⁹ Surgeons and other physicians often do not hesitate to order blood transfusions because they do not realise the real danger of transfusion.

These undesirable results are not limited to cancer patients and patients having hip replacement surgery. *All transfusions are dangerous. The risk of serious infections goes along with transfusion therapy in general.*

Surgery and Drugs vs Natural Therapies

Coronary artery bypass surgery has long had prominent detractors but has steadily grown in use to become a huge industry in the USA. However, this type of surgery is one of the principal uses for blood transfusions. It has an unrecognised serious mortality, as seen when patients are followed for 100 days for the full morbidity of blood transfusion damage to the immune system to become manifest (nine per cent deaths in women and six per cent deaths in men aged 65 or above).¹⁰

In addition, between 1.5 per cent and 5.2 per cent of patients have a stroke under anaesthesia during coronary artery bypass surgery.¹¹ Patients who have had bypass surgery have admitted to me that they were not quite as sharp mentally as they had been before the operation. These problems are probably due to brain cell injury, the death of small emboli in the brain and reperfusion acidosis following the surgery.

Reintroduction of blood into the cerebral circulation after the bypass is completed causes the rapid appearance of oxygen-deprived blood containing free radicals which can damage the fat-containing brain cells.

Propolis from honey can protect the brain from this type of injury by virtue of its strong antioxidant effects,¹² but is probably only rarely used in the United States where hospitals rely on pharmaceutical drugs.

A large population study disclosed that angioplasty (the forced opening of narrowed heart arteries with a balloon) performed three to 28 days after a heart attack failed to prevent death, new heart attacks and heart failure. Furthermore, in a four-year follow-up of these patients, there were *more new heart attacks* in the patients who received angioplasties than in the group treated conservatively without angioplasties.¹³

In 1977, the first extensive study of cardiac surgery for arteriosclerosis was conducted. This evaluation of 596 patients treated with bypass surgery or drug

therapy revealed that *surgery was no better than drug therapy*. Dr Eugene Braunwald, as chief of cardiology at Harvard Medical School and the most respected cardiologist in the USA, commented 30 years ago: "...an industry is being built around this operation. It is developing a momentum of its own, and as time passes it will be progressively more difficult and costly to curtail it."¹⁴ In 1984, another large study involving 780 patients again disclosed no advantage for surgery over drug therapy.

Natural therapies are far more effective than drugs which are unable to reverse arteriosclerosis. Knowledge of the efficacy of natural therapies has been systematically suppressed by the powerful pharmaceutical industry which controls what is published in conventional medical journals and by the news media which conveniently ignore health breakthroughs that would hurt the earnings of pharmaceutical companies.

Nobel Prize winner Dr Linus Pauling proposed an effective therapeutic program using the amino acid lysine and vitamin C that reverses arteriosclerosis in six to eight weeks.¹⁵ Yet this therapy remains largely unknown to US citizens.

Coronary artery repair by angioplasty, stent placement and coronary artery bypass are procedures that have become routine in the United States. The reason that surgery fails to improve the long-term results may be that surgery is treating the *symptoms* of arteriosclerosis (chest pain, heart attack) but not really reversing the *causes* of arteriosclerosis.

The use of alternative health therapies would promptly heal patients with arteriosclerosis.

These therapies include: eliminating toxic metals from the endothelium with long-term oral chelation; treating endothelial infections with turmeric; taking high doses of vitamin C and lysine; supplementing with N-acetylcysteine and L-arginine; lowering homocysteine values with pyridoxine, folic acid, vitamin B12 and trimethylglycine; taking vitamin K2 (which removes calcium from arterial plaque and places calcium in bone); adopting a low glycaemic diet (avoid foods that raise blood sugar rapidly, such as pasta, corn, bread, rice, bananas, white potatoes and wheat); and curtailing sugar intake. Excessive sugar intake is now regarded as the number-one risk factor for heart attacks in women and the number-two risk factor in men.¹⁶

Reintroduction of blood into the cerebral circulation after the bypass is completed causes the rapid appearance of oxygen-deprived blood containing free radicals which can damage the fat-containing brain cells.

Often the sales pitch that encourages patients to have bypass surgery, angioplasties and stent placement is based on fear (e.g., "You are a walking time bomb; you could drop dead any moment!"). All decisions based on fear are emotional rather than being a rational consideration of scientific truth. Frightened patients readily accept dangerous surgical therapies, particularly when they are unaware that there are alternatives.

A major factor preventing the switch by the public to safer alternative health regimens is the fact that drugs and surgery are covered by health plans and alternative therapies are not.

Dr Linus Pauling's high doses of vitamin C and lysine can rapidly reverse anginal pain, hypertension and claudication.

Dr Julian Whitaker has seen many patients with severe angina, positive treadmills and dire warnings about impending death without bypass surgery become asymptomatic and so far removed from arteriosclerosis that they were able to participate in marathon races and other stressful activities after embarking on a rational program to eliminate arteriosclerosis.¹⁷

Dr Garry Gordon often relates that he has *never seen a stroke or heart attack in 30 years* in those patients taking his long-term oral chelation therapy combined with anticoagulation using the safe, natural, anti-clotting substance carrageenan (red algae) in his Essential

Daily Defense formula (see website <http://www.gordonresearch.com>).

Any therapy based on mechanical repair of narrowed arteries is doomed to failure because it does not deal with the root cause of arteriosclerosis, which is a degenerative metabolic disorder caused by toxic metals, infections, deficiencies of vitamins C and K2, excessive intake of sugar and *trans*-fats, gingivitis and dangerous levels of homocysteine.

Harvard cardiologist Dr Thomas Graboys (<http://www.tomgraboys.com>) believes that 90 per cent of the 740,000 coronary bypass operations and 600,000 angioplasties performed annually in the USA are *unnecessary*. There would be significant declines in the death rate from cardiovascular disease if all bypasses, angioplasties and stents were replaced with effective natural therapies for arteriosclerosis.¹⁸

If the general public became informed of the hazards of coronary artery bypass surgery and switched to natural options for treating arteriosclerotic heart disease, *much less blood would be used and many lives would be saved*. This is not likely to occur because this knowledge is not being transmitted to the public by the media that serve the pharmaceutical industry.

Important Information about Lyme Disease

Lyme disease, caused by the spirochaete *Borrelia burgdorferi* (Bb), was originally regarded as an uncommon illness. The disease transmission was thought to be solely by the bite from a tick infected with this parasite. The Bb spirochaete is able to burrow into tendons, muscle cells, ligaments and organs. A classic bulls-eye rash is often visible in the early stages of the illness. Later, the disease can affect the heart and other organs, the nervous system and joints.

It is now realised that Lyme disease can mimic amyotrophic lateral sclerosis (ALS), Parkinson's disease, Bell's palsy, reflex sympathetic dystrophy, neuritis, all psychiatric illnesses including schizophrenia, chronic fatigue syndrome, heart failure, angina, irregular heart rhythms, fibromyalgia, dermatitis, autoimmune diseases such as scleroderma and lupus, eye inflammatory reactions, sudden deafness, sudden infant death syndrome (SIDS), attention deficit disorder (ADD) and hyperactivity, chronic pain and many other conditions.

Biology professor and bacteriologist Dr Lida Mattman, author of *Cell Wall Deficient Forms: Stealth Pathogens* (CRC Press, 2000), has been able to recover live spirochaetes of Bb from mosquitoes, fleas, mites, semen, urine, blood and spinal fluid. A factor contributing to making Bb so dangerous is that it can survive and spread without having a cell wall, i.e., it is cell wall deficient (CWD). Many valuable antibiotics kill bacteria by breaking down the cell wall. These antibiotics often prove ineffective against Bb.



"Hello. You've reached the CIA. If you wish to be covertly surveilled, press 1. If you want to be tax audited, press 2. If you need your government destabilised, please hold for one of our operators."

Lyme disease is now thought to be the fastest-growing infectious disease in the world. Even with the current lack of good diagnostic tests, at least 200,000 new cases are diagnosed each year in the USA and some experts think that as many as one in every 15 Americans (20 million persons) is currently infected.

Dr Ralph Rowen knows a family where the mother's infection spread to five of her six children, *all of whom recovered with appropriate therapy*.¹⁹ It is difficult to believe that these children were all bitten by ticks, and it seems more plausible that person-to-person spread within the family caused this problem. Dr Mattman states: "I'm convinced Lyme disease is transmissible from person to person."

In 1995, Dr Mattman obtained positive cultures for *Bb* from 43 of 47 persons with chronic illness. Only one of 23 control patients had a positive *Bb* culture. Dr Mattman subsequently recovered *Bb* spirochaetes from eight out of eight cases of Parkinson's disease, 41 cases of multiple sclerosis, 21 cases of ALS and *all* tested cases of Alzheimer's disease. The complete recovery of several persons with terminal ALS after appropriate therapy shows the great importance of establishing the diagnosis of Lyme disease.

Some very important information has recently become available about the spread of Lyme disease and the magnitude of the problem. The severity of the disease is related to the spirochaete load in the patient. Few spirochaetes produce mild or asymptomatic infection. A study from Switzerland in 1998 pointed out that only 12.5 per cent of patients testing positive for *Bb* had developed symptoms. A German boy developed Lyme arthritis *five years* after his tick bite.

Often, mycoplasma infections remain without symptoms until the victim suffers a stressful event (e.g., from shock, accident, major surgery, prolonged insomnia, divorce, etc.). These stress events enable the mycoplasma to begin consumption of cholesterol in the neural sheath, and symptoms (as in ALS) may begin to present as these nerve cells die. The mechanism of this deterioration is thought to be the suppression of the immune system secondary to stress. Lyme disease may have a similar delayed presentation, as many persons experience the onset of Lyme symptoms after stressful events.

Dr JoAnne Whitaker relates that nearly every patient with Parkinson's disease tested positive for *Bb*.

Dr Louis Romero reports that three patients with Parkinson's disease were 99 per cent better after TOA-free cat's claw (*Uncaria tomentosa*) therapy.

When Dr Lida Mattman obtained cultures from 25 patients with fibromyalgia, *all subjects were positive for the cell wall deficient Bb which causes Lyme disease*.

She relates that *Bb* can be found in tears and could easily get onto the hands and thus spread Lyme disease via touching. Several families have been documented where nearly every family member was infected.

How sick the individual patient becomes relates to

their initial spirochaete dose, immune system status, detoxification capability and stress level.

Transmission of the disease has been clearly documented after bites by fleas, mites, mosquitoes and ticks. There is compelling evidence that Lyme disease can be spread by sexual and congenital transfer. One physician has cared for 5,000 children with Lyme disease; 240 of these children were born with the disease.

Dr Charles Ray Jones, the leading paediatric specialist on Lyme disease, found 12 breastfed children who had developed Lyme disease. Miscarriage, premature birth, stillbirth, birth defects and transplacental infection of the foetus have all been reported.

Studies at the University of Vienna found *Bb* in the urine and breast milk of mothers with Lyme disease.

Researchers at the University of Wisconsin reported that dairy cattle can be infected with *Bb*, hence milk could be contaminated. *Bb* can also be transmitted to laboratory animals by oral intake such as food.

According to the blood bank in Sacramento, California, *Lyme disease can be spread by blood transfusions*. The Centers for Disease Control in Atlanta, Georgia, states that their data indicate that *Bb can survive blood processing techniques used for transfusions* in the US.

As mentioned, Lyme disease is the fastest-growing epidemic in the world. The disease is grossly underreported, so there are far more than the 200,000 cases reported annually in the USA.

Lyme disease is thought to be a contributing factor in 50 per cent of patients who have chronic disease.

These stress events enable the mycoplasma to begin consumption of cholesterol in the neural sheath, and symptoms (as in ALS) may begin to present as these nerve cells die.

Dr JoAnne Whitaker, a Lyme disease victim from childhood, developed a reliable test for the presence of Lyme disease. Called "Q-RIBb", which stands for "Quantitative Rapid Identification of Bb", this test looks for the Bb organism, not antibodies, and is able to identify pieces of the cell wall deficient (CWD) form of the spirochaete as well as the actual Bb organism.

Dr Lida Mattman confirmed that Dr Whitaker's test is sensitive and accurate because there has been a 100 per cent correlation between a positive blood culture of Bb by Dr Mattman's lab and a positive Q-RIBb test from Dr Whitaker's laboratory.

Because 87.5 per cent of patients incubating Lyme disease may not have symptoms, there is a huge pool of potential blood donors who present serious danger to any patient needing blood transfusions for an elective surgical procedure. Therefore, potential surgical patients need to be certain that the risks of surgery and transfusion warrant proceeding with the operation.

Protecting Yourself from the Dangers of Transfusions

Elective surgery often provides sufficient time to place your own blood in reserve for your surgery. In the Michigan study cited earlier, those who banked their own blood and those who avoided transfusions had the lowest rates of infection and the lowest risk of dying after coronary artery bypass surgery.

New surgical techniques can save lost blood, allowing it to be cleaned and recycled back to the patient during the surgery. Lasers and cryotherapy can instantly stop blood loss in the operating room. Drops of blood instead of vials of it can be used for performing lab tests. Microsurgical techniques can minimise tissue trauma and blood loss. Hyperbaric oxygen chambers, drugs such as erythropoietin, vitamins, iron and hormones can be utilised to increase red blood cell production before surgery.

It is estimated that 75,000 surgeons in the USA have been trained to perform bloodless surgery. Many hospitals are now equipped to perform this type of surgery. You can check to see if your local hospitals can provide this care.

Continue to donate blood, as *properly used transfusions can be life saving*. Healthy individuals are allowed to donate as often as every eight weeks.

The danger of blood transfusions is real and not widely appreciated by the general public and the medical profession. Try to be certain that the risks of transfusion are exceeded by the benefits before accepting blood transfusions.

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About the Author:

Dr James A. Howenstine is a board-certified specialist in internal medicine who spent 34 years taking care of patients in hospital and clinical environments. The second edition of his book *A Physician's Guide to Natural Health Products that Work* is now available. This book and its recommended products can be purchased from Dr Howenstine's website <http://www.mynaturalhealthteam.com> and by phoning 1800 416 2806 (in the USA).

Additional information and references from Dr Howenstine on blood transfusions can be found in his article published in the *Townsend Letter for Doctors and Patients*, July 2008 (<http://www.townsendletter.com/July2008/bloodtrans0708.htm>).

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Lyme disease is the fastest-growing epidemic in the world and is thought to be a contributing factor in 50% of patients who have chronic disease.

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Miracle Mineral Supplement — An Integrated Therapy —

Acidified sodium chlorite is a powerful antimicrobial that can reverse cases of malaria, blood poisoning and even cancer, but it is best used in conjunction with other natural therapies that strike the correct balance between oxidants and antioxidants.

by Walter Last © April 2009

Website:
www.health-science-spirit.com

Sodium chlorite is presently being promoted as a Miracle Mineral Supplement (MMS) with superior antimicrobial activity. You can appreciate its power from a statement by its discoverer, Jim Humble, that all 75,000 individuals with malaria who had been treated with MMS therapy were cured within a day.¹ This obviously is important not only for self-healing but also for the drug industry and medicine which so far try to ignore or suppress this development. However, there are also considerable problems associated with using MMS. In this article, I suggest how to minimise these problems by integrating MMS with other natural therapies rather than using it as a stand-alone treatment for all conditions.

Conventional Use of Sodium Chlorite

In solution, sodium chlorite (NaClO_2) is very alkaline and stable but when acidified it forms the gas chlorine dioxide (ClO_2), which smells the same as chlorine and probably is the strongest all-round antimicrobial and parasite remedy. While it destroys all anaerobic microbes and parasites, it does not damage the beneficial lactobacteria of our intestinal flora. The only residue left in water, in food or in the body after treatment with MMS is a tiny amount of sodium chloride (NaCl), i.e., table salt.

Acidified sodium chlorite is being used in many countries, including Australia and the USA, as an antimicrobial treatment in the food industry, for water purification and for sterilising hospital and clinic rooms and equipment. In hospitals it has been used as a disinfectant for 100 years and in the US meat industry for about 50 years. Health-conscious countries and municipalities are increasingly replacing the health-damaging chlorine with the harmless chlorine dioxide in treating public water supplies.²

In 2003, the Australia New Zealand Food Standards Code was changed to permit the use of sodium chlorite acidified with citric acid or other food acids for antimicrobial surface treatment of meat, poultry, fish, fruit and vegetables.³ The time between mixing and application is less than five minutes, and chlorine dioxide levels do not exceed three parts per million. The safety assessment report concluded that, if properly used, no residues would be detected in the raw foods following treatment and prior to sale, and therefore there would be no toxicological concerns.

In solid form, sodium chlorite is unstable and commonly mixed with about 20% sodium chloride. In Australia, it is commercially produced and shipped as a 31% solution in water. For end users in the food and agricultural industries, it is available as a 5% solution called Vibrex. In the USA and the UK, it is also available as tablets that release chlorine dioxide. In Germany and Italy, chlorine dioxide is the main treatment chemical for public water supplies.

Even in conventional medicine, well before Jim Humble's discovery, chlorine dioxide has been used to sterilise red blood cells for transfusion. It was found that a solution of 2.8% sodium chlorite activated with 15% lactic

acid at a concentration of 1:100 killed all HIV-1 in red blood cells.⁴ Curiously, stabilised sodium chlorite that does not generate chlorine dioxide has been patented for intravenous use in the treatment of autoimmune diseases, hepatitis and lymph cancers. It supposedly prevents or reduces antigen activity and autoimmune response.⁵

Oral MMS Therapy

The discovery and initial developments of MMS therapy were outlined by Jim Humble in a 2008 NEXUS article.⁶ MMS is activated to release chlorine dioxide by mixing with five drops of acid for every one drop of MMS. Originally lemon juice and vinegar were used; these are now commonly replaced by a 10% solution of citric acid. This is about five times more acidic and releases considerably more chlorine dioxide with a stronger antimicrobial effect.

After waiting for three minutes, add half to one glass of water or juice before drinking the liquid. The juice must not contain vitamin C, i.e., it can be commercial apple or grape juice but not orange juice. Herbal tea may also be used. The initial strong and somewhat nauseating smell is now greatly reduced as the chlorine dioxide remains dissolved rather than escaping into the air.

Do not take any antioxidant supplements close to taking the MMS solution. If it is too acidic for you, then partly neutralise the liquid with bicarbonate shortly before drinking. Carefully add only small amounts of bicarbonate so that the liquid still tastes slightly acidic when ingesting.

The therapy can be approached in two ways.

- You may start with a low dose and gradually increase by one drop each day until a slight feeling of nausea develops, then cut down by two drops. After several days, try increasing the drops again and so gradually work your way up to 15 standard drops 1–3 times daily for about one week.

However, many individuals do not get that far because they become sensitised and nausea starts already at low levels without sufficient antimicrobial effect. Nausea can be reduced by taking the remedy after a meal, but this also reduces the antimicrobial effect compared to taking the solution on an empty stomach. It may be best to take MMS just before going to bed. MMS works very rapidly, and people often become sleepy after taking a dose. Also, it is easier to cope with nausea if you can fall asleep.

- An alternative method is to take a very high dose or even a high double dose one hour apart and accept that you will feel nauseous and may vomit for a day or

longer. Nausea or vomiting usually starts two or more hours after ingesting a very high dose, and by then the chlorine dioxide has already been absorbed so that vomiting does not cause any loss in effectiveness. This method has been used in the successful treatment of malaria, blood poisoning and other acute infections. It commonly clears the condition in one hit.

For details of oral MMS therapy, see my Sodium Chlorite article⁷ and also Jim Humble's Standard MMS Protocol.⁸

Other Delivery Options

Because nausea frequently causes individuals to stop using MMS before the infection or cancer is cleared, different ways of using it have been explored. Most common among these is transdermal application. When bypassing the stomach, nausea is not normally a problem.

This method has been used in the successful treatment of malaria, blood poisoning and other acute infections. It commonly clears the condition in one hit.

A given number of drops of MMS are activated with five times more drops of acid; after three minutes, DMSO (dimethyl sulphoxide) is added at the same rate as the acid. After another three-minute wait, the solution is rubbed onto the skin. A variation of this uses 10 drops of MMS and one teaspoon each of acid and DMSO. This method has also been adopted for cancer treatment, including by Jim

Humble.⁹

While this method does not cause nausea, there is no real evidence that it works. There is even strong theoretical evidence that it *cannot* work. DMSO can act as a mild oxidant, but generally, and especially in the presence of stronger oxidants, it acts as an antioxidant. The main metabolite when DMSO is oxidised is MSM (methylsulphonylmethane), which may also be written as DMSO₂ (dimethyl sulphone). If you search Google for "DMSO + antioxidant", you find expressions like "DMSO—The King Antioxidant" and "It turned out that DMSO was a powerful *antioxidant*..." You just cannot combine the most powerful oxidant with a powerful antioxidant and expect that they do not talk to each other. However, I still regard it as useful to apply activated MMS on the skin for topical treatment of local infections and tumours. While MSM is less effective as a carrier than DMSO, it does improve passage through the skin and is not an antioxidant so it is safe to use with MMS. But absorption will be slow, and therefore it is not suitable for getting chlorine dioxide into the blood. In contrast, absorption through the mucous membranes will be fairly fast and may give better results. Possible absorption areas are the rectum, the vagina and the mouth.

The rectal absorption method is similar to using a coffee enema, which is already firmly established in natural cancer therapy. First you clean the lower bowel with an enema. Then insert a small number of activated drops of MMS in a large glass of water. Hold for 10 to 20 minutes and then expel. Again, use a cleaning enema and then insert a larger number of activated drops in a glass of water. Try to hold for up to 30 minutes. You may be able to move around during this time but preferably just sit or lie down. This will cause much bowel activity for several hours and possibly days afterwards. With cancer and other chronic conditions, you may repeat this once a week with increasing numbers of drops. This will be good with problems in this area, such as rectal or prostate cancer, irritable bowel, and infections, cysts and cancers of the female organs.

Vaginal application is suitable in the case of vaginal thrush to kill the roots and spores of *Candida* that will be embedded in the mucous membrane and may cause flare-ups. Start with one activated drop in a small glass of water and gradually increase the number of drops on subsequent occasions. If the acidity of the solution is a problem, you may nearly neutralise it with bicarbonate several minutes after adding the water.

However, I believe that just swishing acidified and diluted MMS in the mouth may be the best general method to get it quickly into the blood in addition to clearing the head spaces. After using six activated drops this way and keeping the solution in the mouth for about 20 minutes, I now always have a pink tongue on rising in the morning while before it used to be partly coated.

A fragile elderly woman who was afraid to swallow the solution just kept a few activated drops in juice in the mouth for a few minutes and then spat it out. After doing this twice, she had much better mobility. This shows that the chlorine dioxide went quickly into the circulation.

Keeping the solution in the mouth is not too unpleasant, and the tastebuds soon stop complaining. However, it is advisable to nearly neutralise the solution with bicarbonate to protect the teeth. This should not reduce the effectiveness very much because the chlorine dioxide that produces the peak systemic effect will have been released in the first three minutes. After diluting it you may still wait for 10 to 20 minutes for further saturation of the solution before neutralising it.

If using 100 to 125 mL or half a large glassful, initially neutralise only half of the liquid and keep it in the mouth for 10 to 30 minutes. Then neutralise the remainder and keep this in the mouth. As most of the chlorine dioxide will be absorbed through the mucous membranes, it may not matter any more if afterwards you swallow it or spit it out.

Intravenous MMS Therapy

MMS commonly has been used intravenously without acid activation. Jim Humble has had this treatment many times, and also has used up to two times 30 acidified drops orally without getting a reaction. But recently he had one acidified drop intravenously, and that resulted in a Herxheimer reaction (caused by the waste material of a large number of microbes being killed suddenly). Next day, he had another drop intravenously and this did not cause a reaction, but the next day he had two drops which again caused a reaction. The same happened with further increased drops. Humble believes that acid activation increases chlorine dioxide release by up to 300 times.¹⁰

The effectiveness of antimicrobial therapy can often be judged by its ability to trigger a Herxheimer reaction. This consists of extreme fatigue, chills, diarrhoea, muscle and joint pains, and other flu-like symptoms for several hours or days. During a reaction, you should stop the antimicrobial therapy and instead have a high intake of good-quality water, juice and herbal tea.

The question now is: what kind of microbes resisted an extremely high double dose of 30 oral drops but then readily died from one acidified intravenous drop? The oral doses would have cleared these microbes from the blood and lymph systems and probably from most tissues and organs. I can think of only one explanation, that these were so-called nanobacteria. They attach to blood vessel walls and protect themselves with a calcified shell; in the process, they also calcify the tissue, thereby causing arteriosclerosis and related symptoms.¹¹ Even one drop of acidified MMS would have caused a high peak concentration of chlorine dioxide in the blood vessels, apparently enough to penetrate the calcified barrier of some nanobacteria.

Few individuals in western countries will have the opportunity to use intravenous MMS therapy. However, I regard this method as a rather inefficient way of

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dealing with tissue calcification. There are better ways, such as preventing the formation of nanobacteria in the first place, and then dissolving existing calcifications with magnesium chloride and lemon juice or cider vinegar. Deprived of their calcium protection, the nanobacteria can then be easily dealt with by the immune system.

An Integrated Therapy

Some individuals often find it difficult to continue with the MMS program because of frequent nausea. This is especially a problem with advanced cancer and other long-term conditions. Therefore, I generally recommend a program of intestinal sanitation and antimicrobial therapy with milder agents before starting MMS therapy. This will remove most of the toxic load with less discomfort than by starting immediately with MMS. As part of this preliminary program, I recommend a period of intestinal sanitation with garlic, psyllium, sodium bicarbonate and probiotics followed by a three-week course of Lugol's iodine solution.¹²

In the case of cardiovascular diseases and arteriosclerosis, it has been suggested that, with MMS therapy, cholesterol deposits may be removed too quickly and lead to a weakening of the affected blood vessels. To avoid or minimise problems, it has been recommended that one should take high amounts of vitamin C, up to 10 grams daily in divided doses, for several weeks before starting MMS therapy. This is to strengthen the blood vessels and make them more elastic. Some other nutrients to improve elasticity are lemon juice, green juices, copper salicylate, magnesium chloride, MSM and N-acetylglucosamine.

In the case of cancer, I believe that MMS treatment as a primary therapy has shown good results only with lymph, blood and skin cancers. It will be much more effective to integrate MMS therapy into an holistic program as outlined in my article "The Holistic Solution to Overcoming Cancer".¹³

With colds, chlorine dioxide kills the virus but does not stop the beneficial mucus release. This can be stopped with the Sugar Cure. Keep a teaspoon of fine sugar in the mouth until it is dissolved, then spit it out and take another teaspoonful. Continue with this for one or two hours and repeat on subsequent days as required. The sugar draws mucus combined with lymph fluid from the lymph glands and so gradually clears the head spaces.

For influenza, I recommend taking several high doses of MMS for only one or two days and then, instead, taking high amounts of antioxidants, especially sodium ascorbate, i.e., half a teaspoon in liquid (e.g., fresh citrus juice), every two hours until recovered.

Some individuals, especially with advanced degenerative diseases, may become very weak on prolonged MMS therapy in a way that's seemingly unrelated to die-back reactions. Also, their eyesight may rapidly deteriorate. I believe that this is mainly due to antioxidant deficiency and especially to lack of glutathione and superoxide dismutase.

This again raises the question of the appropriate use of MMS therapy. In my article "How to Overcome Autoimmune Diseases",¹⁴ I show that most chronic degenerative diseases are associated with nanobacteria and pleomorphic microbes that appear to arise from the inside, out of diseased body cells, rather than from outside the body.

The main cause of this microbial uprising is seen as the accumulation of toxic metabolic residues inside the cells, especially affecting the energy-producing mitochondria.

Experience shows that it is definitely beneficial to eliminate the higher bacterial and fungal forms of this microbial overgrowth, and MMS is an effective part of an integrated antimicrobial therapy. But it is generally not possible even with MMS to eliminate the lower forms of nanobacteria and endogenous viral particles.

Even if one continues with a long-term MMS maintenance therapy, these microbes will continue to rise up and the accumulating toxic residues will in time cause increasing health problems in other ways.

Therefore, the rational solution is to remove these toxic residues by the time-honoured method of raw-food cleansing *combined* with an effective antimicrobial therapy.

While some viral infections can be effectively treated with MMS, others such as hepatitis C, Lyme disease and even HIV, while often showing improvement, are overall much more resistant. On the other hand, there is good evidence that high antioxidant therapy is very effective against viral conditions. For instance, there are countless publications in the orthomolecular medicine literature (see <http://www.orthomolecular.org>) about the quick and effective treatment of serious viral infections with very high amounts of vitamin C. Also, hepatitis C can be effectively treated with high amounts of various antioxidants.¹⁵

Some individuals often find it difficult to continue with the MMS program because of frequent nausea. This is especially a problem with advanced cancer and other long-term conditions.

Therefore, I believe that it is much more effective to use both treatments in an integrated way. With a serious or resistant viral disease, I would alternate a short-term high-dose MMS treatment with a longer-term period of high amounts of a wide range of different antioxidants.

Oxidants versus Antioxidants

Besides nausea, inflammations also may arise as a side effect of MMS therapy. To understand this effect, we need to look at the function of inflammation and the role of oxidants and antioxidants in this process. Inflammations increase blood and nutrient supply to an area and are essential for the immune system to work and for healing of damaged organs and tissues to occur. If the immune system is not strong enough to eliminate invading microbes and diseased body cells, originally healing immune inflammations become destructive chronic inflammations—symptomatic of our present epidemic of chronic diseases.

Oxidants support the immune system by killing microbes outright and by giving the immune system more firepower. This results in increased inflammation and body acidity when using strong oxidants such as chlorine dioxide. Therefore, as during any real health improvement, various healing reactions including temporary inflammations may develop during MMS treatment.

These are beneficial for healing in the long term, even if uncomfortable in the short term. For a more detailed explanation of this process, called a "healing crisis" or a "healing reaction", see the web page <http://www.health-science-spirit.com/healingcrisis.html>.

Antioxidants have the opposite role to oxidants. They protect our body cells and functions from being oxidised. Oxidation needs to take place only in well-established and protected pathways to generate energy or to eliminate invaders and harmful agents.

If we step up the intake of oxidants, we also need to increase the intake of antioxidants otherwise we may get unnecessary inflammations due to irritation of tissues and other degenerative changes. An example of this is deteriorating eyesight that may occur when using high doses of MMS for more than a few days.

Jim Humble's position is that antioxidants are not necessary with MMS therapy. He states: "You don't have to protect the body from the small quantities [of] ClO_2 generated by MMS. It simply does not oxidize any beneficial bacteria or body cells. No side effects have been reported in hundreds of thousands of clinical trials and tests."¹⁶ I find this statement surprising, as even from a small number of users I have received several

communications that I interpret as reporting damage due to antioxidant deficiency. Therefore, I strongly disagree with Jim Humble's position in regard to antioxidants.

My view is supported by Dr Thomas Lee Hesselink. From an exhaustive literature search, he showed that chlorine dioxide kills the malaria parasite by oxidising its vital antioxidants, including glutathione, alpha-lipoic acid and coenzyme A. He writes: "...no amount of intraplasmal glutathione (GSH) could ever resist exposure to a sufficient dose of chlorine dioxide (ClO_2). Note that each molecule of ClO_2 can disable 1 to 5 molecules of glutathione..."¹⁷ If parasites are being killed by disabling their glutathione and other essential antioxidants, then the glutathione and antioxidant systems in our body will be just as vulnerable.

I believe that all those who live on a conventional diet, or who have an infection or a chronic disease, or

who smoke, or who are advancing in age are highly likely to be antioxidant deficient. Any of these conditions will be made worse by having persistent exposure to oxidants, whether from chlorinated water, polluted air, fried food or a strong oxidant such as chlorine dioxide.

The problem is not in chlorine dioxide's oxidising beneficial bacteria or body cells but, rather, that chlorine dioxide

reacts strongly with a wide variety of antioxidants and so makes an antioxidant-deficient body even more deficient.

There is evidence that antioxidant deficiency is a main cause of the accumulation of oxidised waste products and protein debris inside cells that leads to chronic degenerative diseases and the uprising of nanobacteria and pleomorphic microbes.¹⁸

Therefore, I regard long-term MMS therapy without antioxidant protection as contributing to the development of chronic diseases.

It is important to increase antioxidant intake when using MMS. However, oxidants and antioxidants should be separated during the day or they may neutralise each other. Jim Humble recommends a three-hour period of separation, and I agree with that. For instance, you may use MMS before breakfast and at bedtime and then take antioxidants from mid-morning to mid-afternoon.

This applies not only to antioxidants in supplement form, such as vitamins C, E and B-complex, coenzyme Q10, grapeseed extract, beta-1,3-D glucan and immune stimulants, but also to food high in antioxidants, such as purple berries and juices, fresh fruit, polyunsaturated oils, turmeric, black or green tea, cocoa and others. Because chlorine dioxide reacts especially well with vitamin C, it is advisable to take one gram or more when

From an exhaustive literature search, he showed that chlorine dioxide kills the malaria parasite by oxidising its vital antioxidants, including glutathione, alpha-lipoic acid and coenzyme A.

on a high dose of MMS for more than a few days to protect oxidation-sensitive structures such as the heart, brain and eyes.

Conclusion

The discovery of antibiotics was hailed as the greatest advance in modern medical history. I believe that the internal use of MMS is even more important.

But just as antibiotics have a darker side by causing dysbiosis and candidiasis if improperly used without a fungicide, so MMS carries the danger of causing health deterioration if used without antioxidant protection.

In a more enlightened future when the medical system refocuses on healing rather than on profit, the treatment of serious infections may just require one intravenous infusion of acidified MMS. Until then, we have a variety of other methods from which to choose.

I believe that the most effective approach for a serious, acute infection is a high dose of 15 drops or a high double dose of 10 to 15 drops, and just accept that you will vomit for a day or two.

If the problem is less serious, then a double dose of six drops followed by another six drops an hour later has been shown to be very effective. Even this may cause nausea and some vomiting.

Alternatively, you may experiment with absorbing a

high dose through the mucous membranes of the mouth or the rectum, depending somewhat on where the infection is centred.

With a chronic degenerative disease, I would alternate short periods of high MMS intake with longer periods of high antioxidant intake from foods and supplements. In addition, I would use other therapies such as cleansing to remove the basic cause of the disease.

I would also apply activated MMS to infected areas close to the skin.

When commencing a health program, I would first attempt intestinal sanitation and reduction of any microbial load with milder agents such as Lugol's iodine solution before starting with a gradually increasing dose of MMS as in the standard program.

Presently, MMS is still available over the Internet. There are two types, with slightly different composition.

The product used by Global Light (www.globallight.net) and its distributors is made from sodium chlorite flakes containing 20% sodium chloride, while the MMS from Stride into Health (<http://www.strideintohealth.com>) is a pure sodium chlorite solution as used in the food industry.

Nominally, MMS is a 28% solution of the flakes but, because of its high sodium chloride content, the effective concentration of sodium chlorite is 22.4%, which is the same in both products. ∞

The discovery of antibiotics was hailed as the greatest advance in modern medical history. I believe that the internal use of MMS is even more important.

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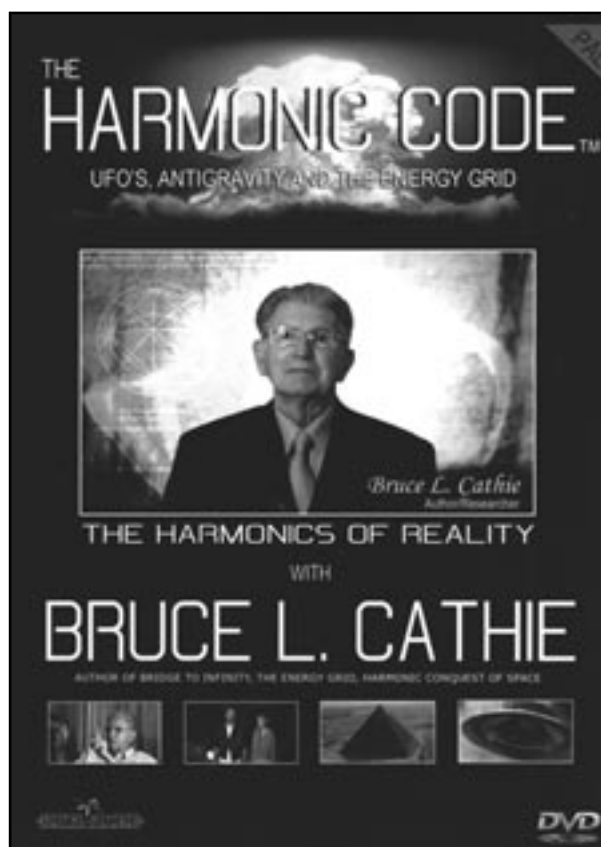
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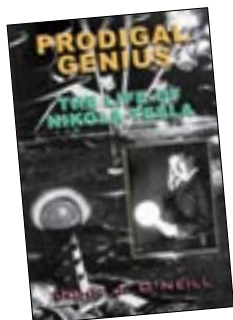
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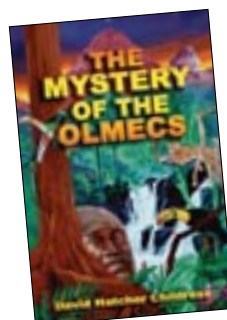
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GÖBEKLI TEPE

THE WORLD'S OLDEST TEMPLE

A 12,000-year-old temple that is being excavated in Turkey is rewriting the historical record and seems to belong to a larger, hitherto unknown civilisation that is slowly being uncovered.

by Philip Coppens © 2009

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Five millennia separate us from the birth of ancient Egypt in c. 3100 BC. Add another five millennia and we are in 8100 BC, coincidentally the start of the Age of Cancer. Add another millennium and a half, and we have the date when Göbekli Tepe, in the highlands of Turkey near the Iraqi and Syrian borders, was constructed.

Archaeologically categorised as a site of the Pre-Pottery Neolithic A period (c. 9600–7300 BC), the world's oldest temple sits in the early part of that era and so far has been carbon-dated to 9500 BC. It is the time-frame when Plato's Atlantis civilisation is said to have disappeared. And it was built an incredible 5,000 years before the rise of what many consider to be the "oldest civilisation", Sumer, not too far south of Göbekli Tepe as one goes down the River Euphrates and leaves the highlands of the Taurus Mountains in Turkey.

Göbekli Tepe is an incredible site. David Lewis-Williams, Professor of Archaeology at Witwatersrand University in Johannesburg, says that "Göbekli Tepe is the most important archaeological site in the world".¹ It is a small hill on the horizon, 15 kilometres northwest of the town of Şanlıurfa, more commonly known as Urfa—which has been linked with the biblical Abraham (some claim that Urfa was the town of Ur mentioned in the Bible) and which once hosted the Holy Mandylion, linked with Christ's Passion. Once also known as Edessa, Urfa is on the edge of the rainy area of the Taurus Mountains, source of the river that runs through the town and joins the Euphrates. Urfa was (and still is) an oasis, which could explain why Göbekli Tepe was built nearby. A life-sized statue of limestone that was found in Urfa, at the pond known as Balıklı Göl, has been carbon-dated to 10,000–9000 BC, making it the earliest-known stone sculpture ever found. Its eyes are made of obsidian.

An old Kurdish shepherd, Şavak Yıldız, discovered the true nature of Göbekli Tepe in October 1994 when, spotting something, he brushed away the dust to expose a large oblong-shaped stone. A survey of the site had been carried out by American archaeologist Peter Benedict in 1963, but he identified the area as a Byzantine cemetery. When German archaeologist Harald Hauptmann and Adnan Misir and Eyüp Bucak of the Museum of Urfa began excavations in 1995, they soon learned that the site was so much more.

Göbekli Tepe is a series of mainly circular and oval-shaped structures set in the slopes of a hill, known as Göbekli Tepe Ziyaret. "Ziyaret" means "visit", but this is often left out of the name. And though some translate "Göbekli Tepe" as "Navel of the World" and "Gobek" does mean "navel" or "belly" and "Tepe" means "hill", the most correct translation of the site's name should be "bulged-out hill".

The more sensationalist media have made attempts to link Göbekli Tepe with the biblical Garden of Eden. Göbekli Tepe is indeed old, but it is not unique; nor was it a garden. However, over the past 50 years the time-frame for the beginning of civilisation has been gently pushed back from the rise of the Sumerian civilisation to the construction of Göbekli Tepe.

Alas, it has been a voyage that has not received the attention it should have had.

Pushing back the birth of civilisation

The discovery of the biblical town of Jericho and its stone walls, dated to c. 8000 BC, was the first to push back the date of the birth of "civilisation". 'Ain Ghazal is often seen as a sister site of Jericho and, with its 15-hectare area, is the largest Neolithic site in the Middle East and four times as big as Jericho. American Gary O. Rollefson, its principal archaeologist, was able to date the town to 7250 BC, and there is evidence of agriculture in the area dating back to c. 6000 BC—later than the establishment of the town itself. In its heyday, 2,000 people lived at 'Ain Ghazal. However, by 5000 BC the town was completely deserted. Thirty statues have been found there, measuring between 35 and 90 centimetres; they are human in appearance but may represent deities or the spirits of ancestors.

Jericho's discovery added weight to the argument that the Bible is history, not myth. But when it was next learned that there are even older sites than Jericho, "unfortunately" not located in Palestine but further north in Anatolia, southeast Turkey, media interest in these new discoveries seemed to wane.

The most famous of these sites is Çatal Höyük. It was discovered in 1958 by British archaeologist James Mellaart, who began excavations in 1961 and eventually dated the site to 7500–5700 BC. It is the largest and best-preserved Neolithic site found to date. Mellaart described it as "a Neolithic Rome", and it is indeed worthy of the name "town". Its constructions show clear signs that its inhabitants possessed a religion—labelled by some to be a Mother Goddess cult, although this theory has been the subject of much controversy. What is known is that the dead were buried beneath the floors of the buildings, and that several of

these structures contain depictions of bulls. Some people have gone so far as to suggest that there is likely a common origin between Çatal Höyük and the Minoan civilisation on Crete, despite the fact that 3,000 years separate the two.

Çatal Höyük was the first of several discoveries to slowly unveil the Turkish region's ancient history. Göbekli Tepe is but one of several extremely old sites and is the oldest discovered so far. However, the existence of these

sites has only been reported within the specialised press, although each site has a wow factor.

The site of Çayönü, located around 96 kilometres from Göbekli Tepe, conforms to a design that is known as a "grill plan", as it looks like a grill. This reveals that careful planning went into its construction. Americans Linda and Robert Braidwood, together with Turkish archaeologist Halet Çambel, began to excavate Çayönü in 1964 and found that the floors of the buildings were made of terrazzo (burnt crushed lime and clay), although at the time of the discovery it was thought that this had first been used by the Romans. The site also revealed the use of metals and the earliest evidence of the smelting of copper, though some nevertheless argue that the copper was originally cold-hammered rather than smelted. The use of copper should not come as a total surprise, as the site is within range

of copper ore deposits (as well as obsidian) at Ergani in nearby Diyarbakır Province. And all of this in a site dated to 7500–6600 BC. Çayönü is often seen as the site that began the epoch that would culminate in Çatal Höyük.

Çayönü presented evidence of the first farmyard pigs, but it also revealed a hoard of human skulls, one found under an altar-like slab and stained with human blood. Some have concluded that this is an indication of human sacrifice, while others have been unwilling to go that far



A frieze from Göbekli Tepe.

Source: <http://www.turkishforum.com.tr/>

based on a single type of artefact. Other archaeological evidence suggests that some people were killed in huge death pits, while children were buried alive in jars or roasted in large bronze bowls. Çayönü is therefore civilisation, but perhaps not as we like to know it.

Another important site is Nevalı Çori, in Hilvan Province between Diyarbakır and Şanlıurfa. Here, Harald Hauptmann began excavations in 1979 and was able to uncover large limestone statues. In 1991, the site was submerged with the construction of Lake Atatürk Dam. It shares many parallels with Göbekli Tepe and is dated to 8400–8000 BC. All the artefacts retrieved are now in museums, including a life-sized egg-like head with crude ears and a carved ponytail, found in a niche at the centre of a northwestern wall. Interestingly, the ponytail is actually a curling serpent that ends in a mushroom-like cap. Whatever being the figure is meant to represent, German archaeologist Klaus Schmidt believes it was worshipped as a deity.

Nevalı Çori set the stage for Göbekli Tepe: shortly after its disappearance under the waters, Göbekli Tepe emerged from the sands. Many people highlight the T-shaped pillars of Göbekli Tepe as the "signature" of the site. However, such T-shaped pillars were also found in Nevalı Çori. Site-wise, Nevalı Çori is more square than circular in design, although a square precinct has been found at Göbekli Tepe, too. Although there are several parallels between the two sites, Nevalı Çori's pillars are nevertheless smaller and its shrine is located inside a village.

The Gobekli Tepe site revealed

In comparison, the site of Göbekli Tepe is small. British author Andrew Collins has compared its size to that of "three tennis courts". Its principal excavators are Klaus Schmidt and Harald Hauptmann of the German Archaeological Institute in Istanbul. All of the complexes in Göbekli Tepe that they have unearthed so far are typified by structures containing T-pillars.

These pillars were used as "drawing boards" and many depict animals, with an apparent preference for boars, foxes, reptiles, lions, crocodiles and birds, as well as insects and spiders. Most of these were carved out of the flat surfaces of the pillars. However, some are three-dimensional sculptures, including one find, made during the 2006 excavation season, of a reptilian creature descending on the side of a T-pillar, demonstrating that whoever created this had mastered the art of stone

carving—on a par with much of what we would see thousands of years later in Sumer and Egypt.

So far, four circular/oval-shaped complexes have been excavated. The walls are made of unworked dry stone and the floors of terrazzo. The interior of the walls usually have several T-pillars set along them in a radiating pattern, the depth of the pillar normally against or near the wall so that the two main surfaces of the pillar could be carved and seen by whomever was inside the complex. A low bench runs along the entire exterior wall of each complex.

The structures are situated on the southern slope of the hill, orientated roughly north–south with their entrances to the south. All the T-pillars were excavated from a

stone quarry on the lower southwestern slope of the hill. One pillar remains *in situ* in the quarry; it is seven metres long and three metres wide, and if fully excavated would have weighed around 50 tonnes, underlining that building with stones that weigh tonnes did not begin in Egypt or in England with Stonehenge.

Complex A, the first circular structure to be excavated, is nicknamed "the snake column building" because depictions of the snake somewhat dominate the carvings on the T-pillars. One is of a "net" containing snakes.

Another pillar, however, depicts a "triad" of bull, fox and crane, positioned one above the other. Some pillars only feature a bull, others only a fox, and so on.

Complex B measures nine metres in diameter when measured from east to west, and 10 to 15 metres north to south (part of it is still to be excavated). It is nevertheless the only complex dug to floor level, revealing the terrazzo floor surface. Two central pillars have a large fox depicted

on them. One central pillar, no. 9, is 3.4 m high; pillar no. 10 is 3.6 m high; their weight is 7.1 and 7.2 tonnes respectively. The complex was clearly built to "house" these monolithic pillars, which prove how well-versed our ancestors were in working with gigantic stones, not merely in quarrying them but in shaping and decorating them as well.

Archaeologists believe that 200 T-pillars originally stood at Göbekli Tepe. If each weighed "only" five tonnes, it would still mean that 1,000 tonnes of pillars were excavated and decorated, and it highlights the importance of the site and the effort that went into creating it.

Complex C is nicknamed "the circle of the boar", as it

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depicts various wild pigs. There remain nine pillars around the wall, but several were removed at some point in the past. One pillar shows a net of birds. As later cultures are known to have caught migratory cranes in nets, could this be a custom that was practised much earlier than assumed? Complex C is also of interest because a U-shaped stone has been found there which is deemed to have been the access stone. This stone has a central passage of 70 centimetres in width, and one side of the U is topped with a depiction of a boar; the other side unfortunately is missing. Again, the U shape and the boar underline the craftsmen's technical expertise in carving, which is shown even more so on pillar no. 27, featuring the earlier-mentioned three-dimensional reptilian creature. This intricate sculpture could be regarded as being on a par with Michelangelo's statue of David.

Complex D is nicknamed "the Stone Age zoo". Pillar no.

43 has scorpions, and some pillars are indeed so profusely decorated—much more intensively than in the other complexes—that "zoo" is quite an apt description. Once again, there are two central pillars (nos 18 and 31), though other pillars reveal symbols, like one in the shape of the letter H as well as one with an H turned 90 degrees. The site has revealed other symbols, specifically a cross, a resting half-moon and horizontal bars—evidence that the origin of writing is likely to be much older than is currently assumed. Pillar no. 33 is the "star" of the complex. Schmidt states that the shapes on this pillar come close to the Egyptian hieroglyphs, hence he posits the existence of a pictographic language in the 10th millennium BC.

Combined, these four complexes—and others, still unexcavated—are a series of ovals and resemble the layout of the oval-shaped Stone Age complexes found on Malta.

This is all the more remarkable as Malta's oval shapes were considered unique, though some of the megaliths on Sardinia also display some oval-like tendencies but not as profoundly as at Göbekli Tepe.

A "rock temple" lower down on the slope is equally oval in shape and has an opening to the "burial chamber". Whereas at other sites these openings are so narrow that a human could not navigate to the interior, here it is wide enough to enter.

Elsewhere on the site, on the northern slope of the hill, there is a rectangular complex named "the lion column building". Its four pillars have depictions of leonine creatures, which could also be tigers or leopards. One pillar has a 30-cm-high graffito of a squatting woman who appears to be giving birth.

Speculation on Göbekli Tepe

Excavations at Göbekli Tepe are still ongoing; only a quarter of the suspected 200 T-pillars have been discovered so far, and not all the structures have been unearthed. In short, further surprises may be in store. It is therefore early days to draw major conclusions, but what could it all mean? The site definitely demonstrates that things which we thought were much more recent are far older—and all present in one site, sitting in a region which shows that a civilisation worthy of that name existed there in the 10th millennium BC, millennia before anyone would have dared to guess a few decades ago.

Klaus Schmidt has labelled Göbekli Tepe "the first temple" and "a sanctuary of the Stone Age hunter". He sees the site as part of a death cult, not specifically linked with a sedentary group but a type of central sanctuary for several of the tribes living in the region.

The carved animals are believed to have been there to

protect the dead. At Çayönü, as previously described, one structure has a cellar that was found to contain human skulls and bones. So far, though, Göbekli Tepe has no evidence of habitation and therefore appears to have been purely a religious centre.

Once again, it appears that, just as the ancient Egyptians did, the civilisation that constructed Göbekli Tepe had far greater regard for their religious

So far, though, Göbekli Tepe has no evidence of habitation and therefore appears to have been purely a religious centre.

buildings than for any structures of a "practical" or more materialistic nature. Still, with only Complex B excavated to floor level, no tombs or graves have been found to date.

Some have voiced criticism as to whether hunter-gatherers could have created such a structure as Göbekli Tepe. The many flint arrowheads (and the lack of construction tools) found around the site would seem to support this criticism, and one could even see these artefacts as part of sacred hunts rather than as part of the daily activities to put food on the table—if indeed tables even existed then.

Schmidt maintains that the hunter-gatherers convened at the site at certain times of the year. Whether these meetings were determined by solar or lunar cycles is anyone's guess, but it is nevertheless an interesting question to ponder. Equally, one could logically conclude that those who constructed the site lived there and were a dedicated resource supported by others who sustained them in dietary and housing needs. Archaeologists have estimated that up to 500 persons would have been required to extract pillars weighing 10 to 20 tonnes and move them from the quarry to their destination, a distance ranging from 100 to 500 metres. However, Schmidt actually believes that maintaining the

community of builders was the real reason behind why our ancestors "invented" agriculture: they began to cultivate the wild grasses on the hills to sustain this sedentary population. In short, he believes that "religion motivated people to take up farming".

As well as appearing to have ritual significance, Göbekli Tepe, with its large and exquisitely decorated stone blocks, reveals that its creators had an extraordinary ability and familiarity with stone masonry and carving. That our ancestors in 10,000 BC were so skilled is an archaeological discovery that is wiping out long-cherished beliefs about the origin of civilisation.

As for the carvings, why were some and not other animals chosen? Why do the depictions seem to have no clear or apparent organisation but appear to be a rather random collection? Truth is, we don't know. In later civilisations, all of these animals were given divine attributes. Some cultures chose to depict snakes because these animals shed their skin, which they saw as a symbol of rebirth. Others opted for the same animal for different reasons. So far, there is no way of knowing what beliefs the creators and users of Göbekli Tepe held.

Some observers have pointed out that some of the cranes are depicted with human-like knees and have suggested that a form of shamanism was practised inside this temple. Sister sites have revealed sculptures of a mixture of animal and human, specifically that of the body of a bird with a human head. As it happened, thousands of years later the ancient Egyptians used this symbol as a hieroglyph to depict the *ba*, the human soul freed from the body at death or during shamanic flight.

Andrew Collins has specifically underlined the shamanic potential of these sites in modern-day Turkey. The image of the previously mentioned naked woman depicts her hair in the shape of a hemispherical mushroom cap. The side of one pillar at Göbekli Tepe features a series of serpents with mushroom-shaped heads, four winding their way downwards and a fifth one climbing up to meet them, while the other side shows several interwoven serpents wearing mushroom-like caps, eight emerging at the top and nine at the bottom. Is this evidence of a ritual involving hallucinogenic mushrooms or similar mind-altering substances?

The bones of vultures have been found at Nevalı Çori, Göbekli Tepe and Jerf el-Ahmar (in Syria). A communal cave site, Shanidar, in the Upper Zagros Mountains of

northern Iraq, contained a series of severed birds' wings covered with red ochre. The remains have been dated to c. 8870 BC. The wings are believed to have been used in some ceremony, but precisely in what manner remains unknown. However, it is known that, in the distant past, the people of this region placed the bodies of the dead on high constructions and let vultures eat the flesh of the dead. Depictions of such a Neolithic excarnation tower have been found on a mural in Çatal Höyük. Interestingly, human bones have recently been found in the soil that once filled the niches behind the megaliths at Göbekli Tepe. Schmidt argues: "...the ancient hunters brought the corpses of relatives here, and installed them in the open niches by the stones. The corpses were then excarnated." Not just vultures but wild animals seem to

have taken part in this ritual. This may explain why so many animals are depicted on the T-pillars: perhaps the people who constructed these sites felt that "something" of the dead lived on in these animals.

Cradles of civilisation

What is known is that Göbekli Tepe and its sister sites have pushed back the age of monolithic building much further in time. Previously, we looked to the likes of Stonehenge and the Egyptian pyramids, but now we find that our ancestors were hauling massive stones to build their constructions around 12,000 years ago. Even if a structure like the Sphinx were suddenly found to be 10,000 years old, the immediate reaction might now perhaps be: "So what? It is not that unique." Furthermore, if the dates for some of these sites in Turkey pre-date the assumed time-frame for such events as the disappearance of Atlantis or the Great Flood, it

means that these ancient ancestors cannot be neatly placed as "survivors from a deluge".

Our ancient history has grown much more interesting and complex. The cultures that followed the establishment of Göbekli Tepe had domesticated pigs, sheep, cattle and goats and cultivated wheat species such as einkorn. Indeed, recent analysis has shown that the first cultivation of domesticated wheat occurred at Karacadağ, a mountain 32 kilometres from Göbekli Tepe. Other domesticated cereals such as rye and oats also originated here. According to Schmidt, this adventure began c. 8000 BC.

It is easy and tempting to label this region as "the cradle of civilisation", but the fact of the matter is that it has already been proven that corn (maize) was

The side of one pillar features a series of serpents with mushroom-shaped heads... Is this evidence of a ritual involving hallucinogenic mushrooms or similar mind-altering substances?

engineered in Mexico at the same time, only underlining how the frontiers of "civilisation" are being pushed back on both continents. In fact, there is evidence of Barbary sheep being cultivated by our ancestors in North Africa as early as 18,000 BC. Furthermore, several grains of emmer wheat have been found at the Palestinian site of Nahal Oren, suggesting cultivation of this crop occurred there as early as 14,000 BC.

In any case, it is clear that Göbekli Tepe is not alone. It may be receiving much of the focus, but another site, Karahan Tepe, 63 kilometres east of Urfa in the Tektik Mountains, deserves attention. Discovered in 1997 and investigated by archaeologist Bahattin Çelik of the Turkish Historical Society, it has been dated to c. 9500–9000 BC. It has a number of T-pillars as well as high reliefs of a winding snake and other carvings similar to those at Göbekli Tepe. Covering an area of 325,000 m², Karahan Tepe is much bigger than Göbekli Tepe. The stone pillars are spaced 1.5 to 2.0 metres apart and protrude above ground level, waiting for an archaeologist to expose them fully. Other carved stones include a battered torso of a naked man and polished rock with forms of goats, gazelles and rabbits.

It is too early to draw any extraordinary conclusions from these sites, apart from the fact that our history is no longer as we know it. But just as Jericho proved in part that the Bible contains historical facts, these sites may yet substantiate some of the Sumerian myths which claimed that agriculture, animal husbandry and weaving had been brought to mankind from the sacred mountain Du-Ku, which was inhabited by the Anunna deities. Though it's unlikely that this mountain was Göbekli Tepe, we are probably in the correct general vicinity here at the frontier of the Taurus Mountains.

Around 8000 BC, descendants of the creators of Göbekli Tepe turned on their forefathers' achievements and entombed their temple under thousands of tonnes of earth, creating the artificial hill—a "belly"—that we see today. Why they did this is unknown, though it was a decision that preserved the monument for posterity but also involved an extraordinary amount of time and effort. Schmidt argues that the local landscape began to change around that time: as the trees were chopped down, the soil began to lose its fertility; the area became arid and bare, and the people were forced to move elsewhere. Could it be that they began to make their descent and, millennia later, established what is known as the Sumerian civilisation? Such a scenario is just one possibility.

Even in ancient Egypt, religious constructions were often abandoned if not dismantled after a while because they belonged to a particular "cycle" of time that had

since passed. If that were the case with Göbekli Tepe, it would mean that knowledge of astronomy is older by millennia. The past five decades have so radically reshaped our understanding of the period 10,000–4000 BC, specifically the level of "civilisation" our ancestors had achieved in those days, that this shouldn't at all come as a surprise. And it seems that it's a given that somewhere, even older towns are waiting to be uncovered.

However, it is equally clear that entering into the mindset of these hunter-gatherers—how they saw these animals and what they believed happened to the dead—is a difficult subject which will require years of study. Alas, it is an area where few archaeologists dare to tread,

and in all likelihood they will hop from one site to the next, as they've done for several decades, and will "only" uncover the fact that civilisation is much older than we've assumed. Already, other sites are vying for Göbekli Tepe's fame. The previously mentioned site of Jerf el-Ahmar, located along the Euphrates in Syria, has been dated to 9600–8500 BC. Other sites will certainly soon submit their applications. It's likely they

will all reveal that they are part of our history, but not as we know it. ∞

Could it be that they began to make their descent and, millennia later, established what is known as the Sumerian civilisation?

About the Author:

Based in the UK, Philip Coppens has contributed 14 articles to NEXUS, most recently "Unearthing Europe's Oldest Pyramid Complex" (see 16/01). He is the author of several books, including *The New Pyramid Age* (2007; reviewed in NEXUS 14/06). He was a speaker at the NEXUS Conference in Queensland, Australia, in October 2007.

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Endnote

1. See <http://www.dailymail.co.uk/sciencetech/article-1157784/Do-mysterious-stones-mark-site-Garden-Eden.html>.

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Tesla Technology and Pyramid Power

Dr Nikola Tesla may have rediscovered what the ancient pyramid builders knew: that pyramids, obelisks and standing stones generate a continuous stream of negative ions which can be utilised to improve ecosystems and green the surrounding landscapes.

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Nikola Tesla (1856–1943) was probably the greatest ever inventor in the fields of electricity and magnetism, one who will be hard to surpass. In 1977, on the occasion of the Celebration of the 120th Anniversary of the Birth of Nikola Tesla, organised by the Yugoslav Academy of Arts and Science, the Školska knjiga Publishing Enterprise in Zagreb published Tesla's autobiography *My Inventions*. In this book, Tesla describes (among other things) his original idea and the purpose for constructing the Wardenclyffe Tower on Long Island, which for various reasons was never completed nor made operational. Here is an extract from chapter five of his book:

One day, as I was roaming in the mountains, I sought shelter from an approaching storm. The sky became overhung with heavy clouds, but somehow the rain was delayed until, all of a sudden, there was a lightning flash and, a few moments after, a deluge. This observation set me thinking. It was manifest that the two phenomena were closely related, as cause and effect, and a little reflection led me to the conclusion that the electrical energy involved in the precipitation of the water was inconsiderable, the function of lightning being much like that of a sensitive trigger. Here was a stupendous possibility of achievement. **If we could produce electric effects of the required quality, this whole planet and the conditions of existence on it could be transformed.** The sun raises the water of the oceans and winds drive it to distant regions where it remains in a state of most delicate balance. If it were in our power to upset it when and wherever desired, this mighty life-sustaining stream could be at will controlled. **We could irrigate arid deserts, create lakes and rivers and provide motive power in unlimited amounts.** This would be the most efficient way of harnessing the sun to the uses of man. The consummation depended on our ability to develop electric forces of the order of those in nature. [Emphasis added.]

It seemed a hopeless undertaking, but I made up my mind to try it and immediately on my return to the United States, in the summer of 1892...work was begun which was to me all the more attractive, because a means of the same kind was necessary for the successful transmission of energy without wires.

Tesla's Rain Engineering

Dr Nikola Tesla saw clearly that water is life, the essential element in the origin and the development of life on planet Earth. In arid regions there are hardly any life forms. Only water can make the desert green. Tesla wanted to make a device that would create lightning and thus cause rain, which would create a favourable climate in the desert.

Lightning is a phenomenon of electric discharge, and its audible manifestation is thunder. Even today, scientists are busy trying to understand and explain certain phenomena in relation to lightning strikes.

Condensation processes in the atmosphere cause accumulation of electricity in clouds. The polarisation of charges within storm-clouds leads

to an increase in electric potential between certain parts, which results in electric discharge. Electric discharges can appear within a cloud, between two clouds or between a cloud and the ground. The latter is of interest to us: a gigantic short-circuit between the sky and the ground.

In 1750, Benjamin Franklin discovered that electricity is not evenly distributed over all the elements of a conductor's surface (except in the case of a sphere); its distribution depends on the extent of curvature of the observed surface elements. Generally speaking, higher charge density is located on their edges, on protuberant and pointed parts rather than on round and flat ones. Statistically, lightning always strikes along the path which is more conductive, i.e., the path with the higher charge density. Franklin found in his experiments that the pointier and more conductive the lightning rod, the easier it was to attract lightning during an electrical storm. That is why he designed his metal lightning rod with a gilded point.

However, since then, there has been controversy over whether lightning rods should have a point or a ball at the tip. Nikola Tesla predicted in 1892 that the ideal lightning antenna—a receiver and emitter of lightning strikes—should have a blunt, not a pointed, tip. In 1918, he was granted US patent no. 1,266,175 on a lightning protector design because of a fault in Franklin's theory: the pointed rod ionises the surrounding air, rendering the air conductive and thus raising the probability of a lightning strike. A paper titled "Lightning Rod Improvement Studies" by C. B. Moore *et al.*, published in the *Journal of Applied Meteorology* in May 2000, further confirmed Tesla's theory (see <http://tinyurl.com/d7mcne>).

So, while Franklin invented the lightning rod, the technical solution to attracting natural lightning from clouds, Tesla wanted to make a device that would create lightning in cloudless desert areas and thus induce rainfall.

In the discharge tunnel of a natural lightning strike, the temperature is about 30,000°C, the electric charge reaches 40 MV and the electric current is around 110 kA. It is estimated that the energy of an average lightning strike is about 40 MWh. Tesla's Wardencllyffe Tower was supposed to use a transformer to create high voltage and, instead of natural lightning, produce high-energy ionic smouldering discharge. Tesla envisioned an eight-sided pyramid with a half-sphere on top as the basis for this device. Why?

Tesla claimed that Earth is a spherical capacitor plate with the ionosphere as the other plate. Recent

measurements have determined that the voltage difference between the Earth and the ionosphere is 400,000 volts. The force lines of the electric charge plus the fields that come from the Sun act vertically on the sides of the pyramid. Magnetic equipotentials show a great density of the magnetic field at the top or apex of the pyramid. The electric field voltage grows 100 V/m with height. The Earth's negative field is the greatest and most dense at the apex of the pyramid. At the top of the Pyramid of Cheops (also known as the Great Pyramid and the Pyramid of Khufu), there is a voltage of 14,600 V. (See fig. 1).

The Cheops Pyramid has its own electric capacity, the ability to accumulate a certain amount of electric charge. If too much electric charge is brought to the pyramid, the excess discharges at the top of the pyramid. According to word of mouth, the apex of the Cheops Pyramid originally consisted of a pyramidion made of solid gold—an excellent conductor.

The voltage at the top of the structure depends solely on height. That is why Tesla built a tower, a tall-standing structure. Tesla chose an eight-sided pyramid, but it could have been a four-sided one or an infinite-sided one, a cone. The voltage would have been the same in all cases. The symmetrical form of the structure would have increased its static stability and

Magnetic equipotentials show a great density of the magnetic field at the top or apex of the pyramid. The electric field voltage grows 100 V/m with height.

resistance to earthquakes.

Why did Tesla build a sphere, 21 metres in diameter, on top of the pyramidal tower? What was accomplished by doing that? The fact that the sphere was spikeless meant that the voltage on the sphere would have been evenly distributed over its entire surface. The voltage that would have been discharged from the top of the pyramid would have been taken over by the sphere, thus increasing the total electric capacity of the whole tower. Instead of having the discharge taking place on one point at the top of the pyramid, it would have taken place on many points all over the surface of the sphere. The conclusion is that by adding the sphere to the top of the pyramid, the electric capacity of the device would have been increased, and this would have raised the possibility of creating far stronger lightning.

Tesla's Wardencllyffe Tower was designed to electrify the atmosphere in a split second and produce a thunderstorm and rainfall, as well as to provide the means for worldwide wireless communication. To our great misfortune, the tower was never completed; it was dismantled during the First World War. Tesla never got the chance to do the experiments that he'd planned on Long Island and apply rain engineering in desert conditions.

Negative Ions and Their Beneficial Effects

How do state-of-the-art air-conditioning devices work? They regulate air temperature and humidity and also generate negative ions. The influence of negative ions on human health has been known for about 60 years and a great deal of scientific research has been conducted.

There are constant biochemical processes of oxidation and reduction taking place in the human body, which requires negatively charged ions to function properly. All living things receive negatively charged ions from the

air through the skin and respiratory organs. When there are enough negative ions in a room, what results is an increase in oxygen content in the blood and the normalisation of the heartbeat rate, thus accelerating the excretion of toxins. Due to better blood-flow in the brain, concentration and other mental capabilities are strengthened, the consequences of stress are

neutralised, and tension and headaches are relieved. Negative ions bind with toxins in the body, which means they act as anti-oxidants, thus preventing the development of degenerative disease.

In nature, the most favourable condition of air ionisation is after thunderstorms, cloudbursts and downpours when atmospheric discharges occur. That is when there are noticeably more negative than positive ions in the air. Increased concentrations of negative oxygen ions are also found near waterfalls, in pine forests, on mountains, along the seashore and also in caves (which led to speleotherapy; see <http://tinyurl.com/ap9nyg>).

Pyramids as Negative Ion Generators

What was the function of pyramids? To produce lightning? No, it wasn't. For thousands of years after having been built, pyramids functioned and continue to function as generators of negative ions. In order for pyramids to continuously ionise the surrounding air, they needed to be connected to a permanent source of

negative ions. How was this done? Where are these energy power-lines which lead to the pyramids?

The Giza Plateau hides an abundance of underground water. Huge underground rivers flowing around the pyramids are full of negative ions and, by the piezoelectric effect, they transpond these ions to each pyramid which then accumulates them and discharges the surplus at the apex. All the pyramids on the plateau are built from stone with a high content of crystal capable of binding electric charges from water when underground water mechanically presses against the

crystal. If we expose the crystal to mechanical deformation, bound electric charges appear on the surface—a phenomenon known as the *piezoelectric effect*. The crystal is the converter of mechanical into electrical energy. Due to continuous charging and discharging of the pyramid, which is electrically charged from underground rivers, the

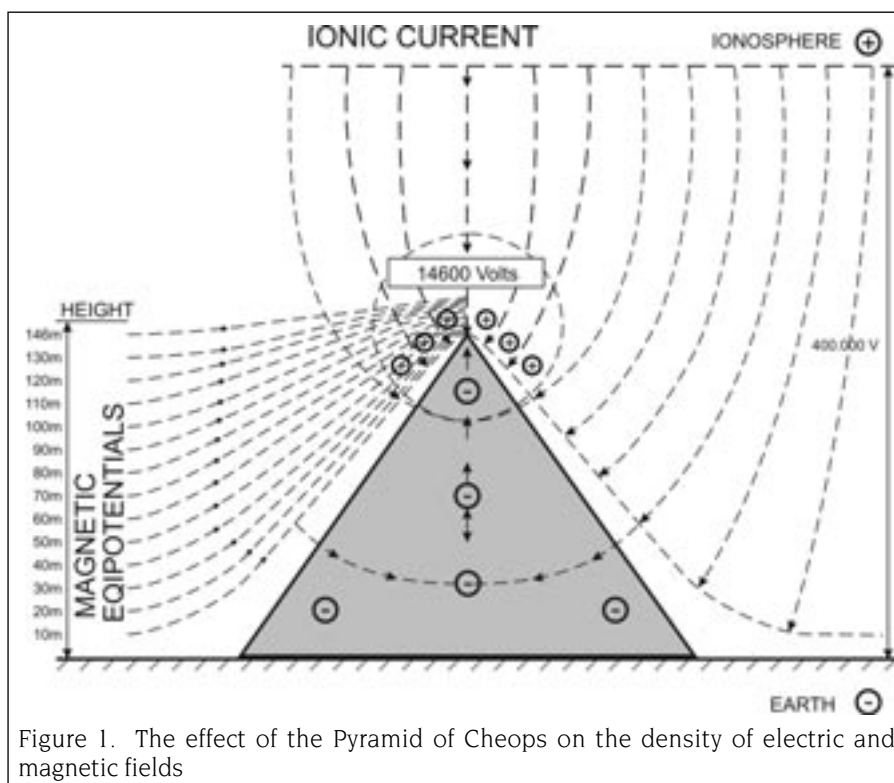


Figure 1. The effect of the Pyramid of Cheops on the density of electric and magnetic fields

pyramid contracts and expands, which results in continuous microquakes.

Obelisks, Churches and Mosques as Ionisers

Obelisks function on an identical principle. They are pillars made of crystalline stone with a pyramidion of gold, silver or copper placed on top, and they are located over underground water. An obelisk is actually an air ioniser.

The abovementioned principle has been applied to old churches and mosques which were built using stone with a highly crystalline content. The church towers and mosque domes were mostly made of copper, silver or gold. Almost all old churches and mosques were located over underground water flows—natural sources of negative ions. A favourable negative ionisation can be sensed even inside these churches and mosques.

Standing Stones as Ionisers

The megaliths which we find all over the world are the most primitive form of air ionisers. These standing



Figure 2. Bosnian standing stones

stones are made of crystal material and are located above underground water flows, but they do not have the pointed top made of conductive material and therefore have less power to ionise air. This power deficiency was solved by erecting a larger number of megaliths in some areas, which increased the total power.

The Bosnian standing stones (figs 2 and 3) belong to that group. They are unique monumental stone blocks which are densely spread over the territory of Bosnia and Herzegovina, southern parts of Croatia, western Montenegro and southwestern Serbia. Standing stone blocks are signs of a common national custom, and as tombstones they are a mark of the mediaeval culture in those regions. However, they are the heritage and autochthonous treasury of an ancient civilisation whose identity and time-frame remain unknown to archaeologists and historians (see fig. 3).

Dubravko Lovrenović, PhD, a member of the Committee for Preservation of National Monuments of Bosnia and Herzegovina, estimates that there are over 100,000 standing stones in Bosnia and Herzegovina alone. Although these standing stones are as a rule scattered and many have been relocated, and the accompanying barrows have been rebuilt many times, the stones are found in streaks or lines. Almost without exception, the direction of these streaks is from south to north.

It is estimated that the real number of stone blocks is



Figure 3. Positioning and density of Bosnian standing stones

much greater than the number of registered Bosnian standing stones. Many of them have been lost, destroyed, used for construction or simply have not been found.

Tunnels and Caves as Sources of Negative Ions

While Bosnian standing stones and obelisks exclusively have an outward effect, favourable ionisation can be felt within the hollow spaces of a church, a mosque and a pyramid.

Apart from underground water flows, the pyramid utilises an additional source of negative ions: a natural cave, which enhances the beneficial ionisation effect of the

pyramid.

The Pyramid of Cheops has a cave (called "the Grotto"), located at its base within granite rock, and the Pyramid of the Sun at Teotihuacan, Mexico, was built on top of a cave which was only discovered in 1970. Any pyramid which does not contain a cave is connected by a tunnel to a remote cave. Underground tunnels beneath pyramids serve as "artificial" caves; spending time in them is very good for one's health.

Results of radar measurements on the Giza Plateau, conducted by Egyptian geophysicists Abbas Mohamed Abbas, El-said A. El-Sayed, Fathy A. Shaaban and Tarek Abdel-Hafez, were published in the Egyptian National Research Institute of Astronomy and Geophysics *NRIAG Journal of Geophysics* (special edition

2006, pp. 1–16; see paper at <http://tinyurl.com/pbyltp>).

Three hundred and fifty metres southeast of the Pyramid of Cheops, the Egyptian geophysicists registered the signal of a potential tunnel. The dielectric values of the underground structures are presented in fig. 4 (sourced from the abovementioned paper, p. 13).

The electric capacity (C) of a conductor which is located in the isolator of the dielectric constant (ϵ) is: $C = \epsilon C_0$, where C_0 represents its capacity in a vacuum. The larger the dielectric constant of the material, the larger the capacity of the capacitor. With a vacuum, $\epsilon = 1$; with hydrogen, $\epsilon = 1.2$; with oxygen, $\epsilon = 1.5$; with silicon, $\epsilon = 4.5$; with limestone, $\epsilon = 4-8$; with water, $\epsilon = 81$.

The more moisture there is in the tunnel (ϵ_1), the more electric charges the air can accumulate. In order to prevent the limestone from taking all these negative charges from the Giza Plateau (ϵ_2), the original constructors of the pyramid complex in Giza "isolated" the tunnel with stones (ϵ_3) built into the walls of the tunnel.

Egyptian and Bosnian Pyramids as Gigantic Oscillators

Russian geophysicists O. B. Khavroshkin, PhD, and V. V. Tsyplakov, PhD, from the Schmidt Institute of Physics of the Earth in Moscow, have been analysing microquakes on the surface of pyramids for many years and have developed many theories on the reasons behind them. They have conducted measurements of seismic noises on about 60 pyramids in Egypt (see, for instance, <http://tinyurl.com/dn88sr>). I met the geophysicists in August 2007 when they were doing measurements on the Bosnian pyramids.

At the foot of the south side of the Bent Pyramid of Sneferu, the geophysicists registered stronger harmonics of the microquake of 17 Hz, which belongs in the infrasound range (0 Hz – 20 Hz) and cannot be heard by the human ear (fig. 5).

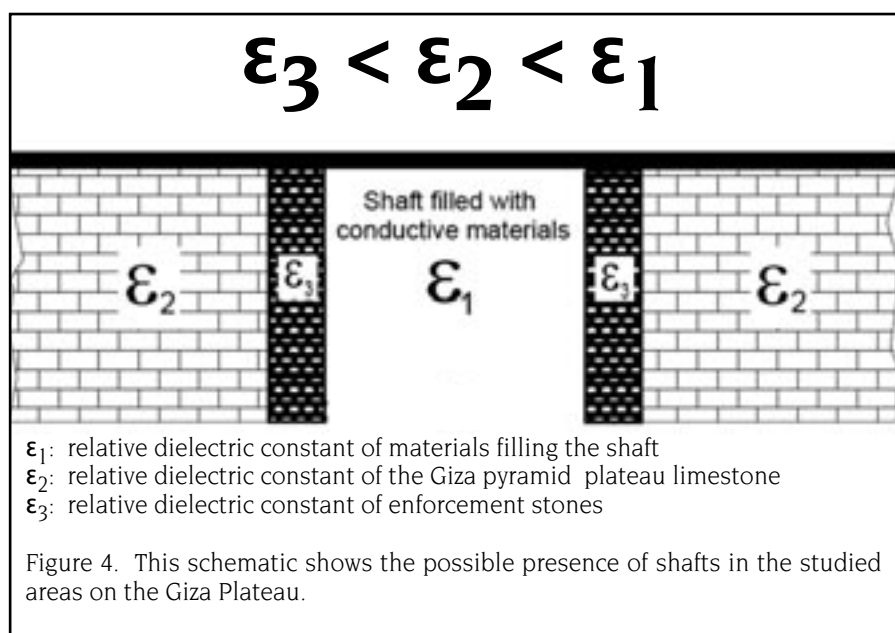
How can we explain the cause of this continuous microquake? The Aswan hydroelectric power station is about 700 kilometres away, and it is hard to believe that the registered subharmonics ($f_0 = 50 \text{ Hz} / 3 = 16.67 \text{ Hz}$) come from electric generators. Is it possible that, as the geophysicists suggest, Sneferu's Bent Pyramid is actually a radio station receiving a signal from pulsar PSR 1913+16, which has the frequency of 16.95 Hz? (See, for example, <http://www.cprm.gov.br/33IGC/1184057.html>.)

We can see that the Egyptian pyramids are musical instruments tuned to different tone frequencies (figs 5, 6 and 7). In the Bosnian pyramids, we encounter the same phenomenon (figs 8, 9 and 10).

Automatic Regulation of the Pyramid's Operation

From the Russian geophysicists' seismic noise charts, we can see that every pyramid-shaped structure has different frequency characteristics. This is completely logical because there are no two pyramids of the same dimensions, construction materials or underground structures.

It is clear that every pyramid concentrates seismic waves using one or more resonant frequencies. Depending on atmospheric electricity, the pyramid changes the amount of negative electric charges which



it draws from underground waters, caves and tunnels, releasing them into the atmosphere; and, due to the piezoelectric effect, the amplitudes and frequencies of microquakes are slightly changed as well.

Electric current will start to flow between two differently charged elements, its strength depending on the potential difference between these elements. The higher the voltage, the stronger the current. The lower the voltage, the weaker the current. The sunnier it is, the richer the air is in positive charges and then the pyramid draws more negative ions from the underground waters, caves and tunnels in order to neutralise the positive charges in the atmosphere. After rain, the potential difference is lower and electric pressure is weaker, so the pyramid decreases the strength of ionisation.

Summary

A crystalline pyramid, with its accompanying underground rivers, caves and tunnels, functions as a generator of useful negative ions with automatic power regulation.

In 1892, Dr Nikola Tesla got the idea to create a machine for the production of rain which would create favourable conditions for developing life in some regions. This machine was supposed to work on the principle of strong ionisation of the atmosphere in a split second.

While Tesla's idea was to ionise the atmosphere by electric shock, the original pyramid builders were in possession of a technology capable of less powerful but continuous and almost unnoticeable ionisation of the atmosphere.

Thousands of years after having been built, the Bosnian pyramids still function excellently to this day. These pyramids are covered in green vegetation and the landscape around them is marked with green valleys

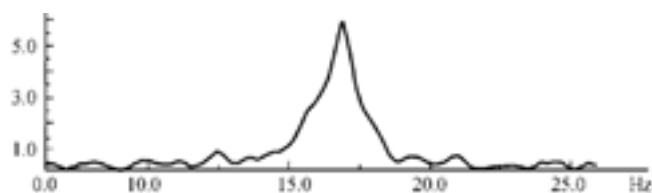


Figure 5. Spectrum of seismic noise from the foot of the south side of the Bent Pyramid of Sneferu in the Dahshur region, Egypt

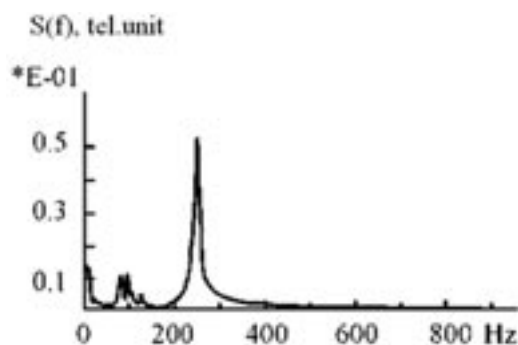


Figure 6. Spectrum of seismic noise from the Red Pyramid at Dahshur

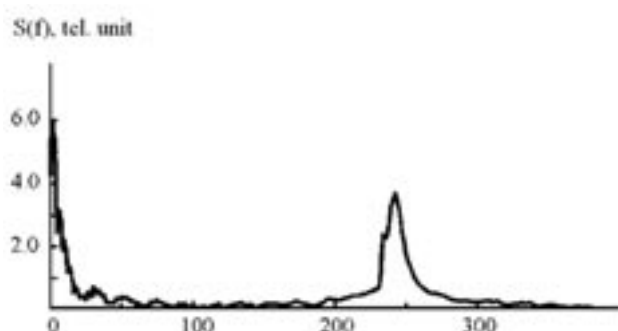


Figure 7. Spectrum of seismic noise from Menkaure's Pyramid at Giza

with plenty of beneficial negative electric charges which come from underneath the pyramids. Continuous ionisation of the atmosphere preserves local ecosystems. The whole Bosnian Valley of the Pyramids contains a network of underground tunnels and rivers, as confirmed by numerous groundwater aquifers.

The fact that the Egyptian pyramids are now situated in a desert landscape with no green vegetation brings me to the conclusion that they are not functioning well. There must have been some kind of failure in the system.

Perhaps the underground tunnels caved in. Perhaps somebody deliberately closed some of the tunnels and therefore obstructed the stream of negative ions. Perhaps some underground waters dried out or a great flood caused a redirection of underground water flows. It remains a mystery.

After 92 years, we remember Tesla's tower with its pyramidal shape and half-sphere on top. Tesla was at the initial stage of research into technology that

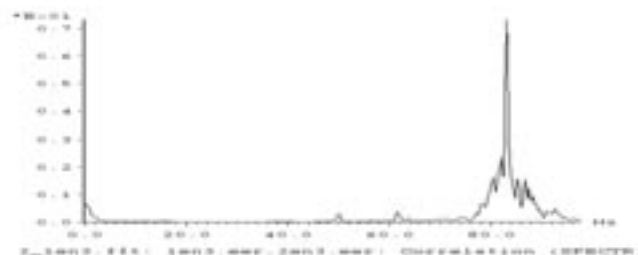


Figure 8. Spectrum of seismic noise from the foot of the Bosnian Pyramid of the Sun, $f_0 = 81$ Hz

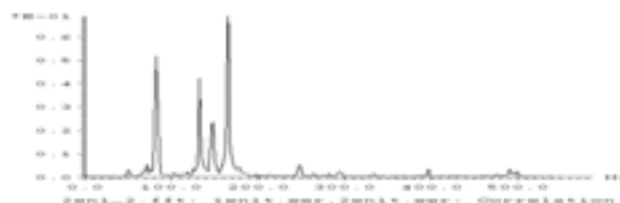


Figure 9. Spectrum of seismic noise from the top of the Bosnian Pyramid of the Sun, $f = 83$ Hz, 132 Hz, 147 Hz and 165 Hz

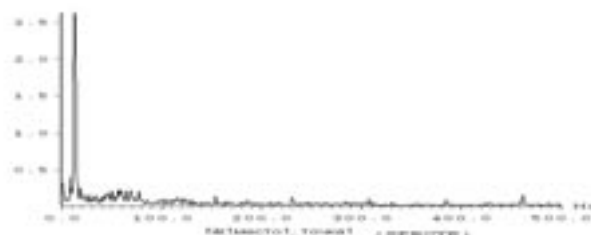


Figure 10. Spectrum of seismic noise from the foot of the Bosnian Temple of the Earth, $f = 13$ Hz

perhaps had already been developed and used by ancient constructors of pyramids. It is hoped that the heritage science of this forgotten genius, Nikola Tesla, may inspire researchers to implement his idea to solve the mystery of the pyramids worldwide. ∞

About the Author:

Hrvoje Zujic was born in 1970 in Osijek, Croatia. He has a Master of Science degree in electrical engineering and is a licensed engineer in the design and control of electrical installations. Since 1998, he has been a member of the class of electrical engineers with the Croatian Chamber of Architects and Architectural Engineers (<http://www.hkaig.hr>). For 15 years he has been researching geopathic radiation, bio-energy, biophysics, biomedical electronics and polycontrast interference photography. He is a pyramidologist and a researcher into borderline areas of science. Zujic is co-author (with Vilim Kanjski) of *The Secrets of the Pyramids Revealed* (ISBN 978-953-244-047-8; reviewed in NEXUS vol. 16, no. 2). He can be contacted by email at hrvoje.zujic@gmail.com. Visit his SCRIBD address at <http://www.scribd.com/hrvojezujic>.

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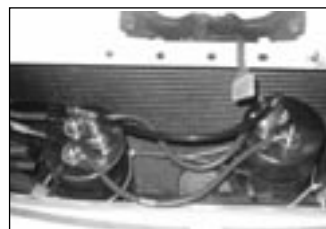
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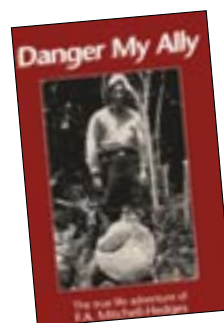
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SCIENCE FINDS AMAZING NEW USES FOR SOUND

by Dr Sergius P. Grace
Assistant to Vice President
Bell Telephone Laboratories
As told to J. Earle Miller

Thanks to astounding discoveries made recently in the field of sound, you will soon be able to talk around the world, deaf mutes will hear, and communication in battle areas will be revolutionized. The amazing inventions which make such feats possible are described in this article.

— *Modern Mechanics and Inventions*
magazine, July 1931

Devices to improve hearing

In a recent lecture on the new marvels being developed in the Bell Laboratories, I placed my finger against the ear of one of the members of the audience and he "heard" music and speech, though not a sound was audible on the stage.

That was electrostatic projection of speech directly into the human brain. The speech had been transformed into high-voltage electric current [and] passed through my body, while the ear drum and surrounding tissue of the subject acted as one plate of a condenser receiver.

Just a laboratory experiment, so far, yet it is one of many new discoveries that are opening new leads into the field of hearing, helping improve devices for the transmission of sound and bringing hearing back to the deaf. It is quite possible, as some research workers have suggested, that science may make it practical to "hear" without using the ear drum at all.

Hearing, it has been discovered, is

partly an electrical manifestation in which a minute current is generated in the auditory nerve. At Princeton University not long ago, electrical contacts were established to the auditory nerve and brain of a cat, the minute current in the nerve amplified through radio tubes, and words spoken into the ear of the living cat in one room were reproduced through loud speakers in another.

At Bell Laboratories we not only have developed special apparatus to make it easier for deaf people to use the telephone, but we have also created several portable outfits, known as audiophones, which help these unfortunate ones to join again in conversation with their friends. Few people realize that there is a definite upper limit to the loudness that the ear can stand, so that extreme cases of deafness are beyond the aid of even the most potent amplifier.

Under the guidance of Dr Harvey Fletcher we have developed the audiometer, an instrument to measure hearing. It shows conclusively that no two cases of deafness are quite alike, and that hearing-aid that proves successful for one person may be quite unsuited for another. Dr Fletcher has developed a simple method in which someone reads off lists of words, at a distance of three feet from the pick-up device. One list contains fifty words such as "bat", bite, boot, beat", in which the vowel is different for each; the other has fifty words in which the consonant differs, such as "by, high, thy, guy, why". After making this test with several hearing aids, and scoring errors in the consonants twice as

heavily as in the vowels, the user can decide which device best suits his particular kind of deafness.

The speech inverter

The projection of speech direct into the brain is only one of the fantastic marvels of recent years. Every day the air is filled with trans-oceanic radio telephone messages, winging their way between New York and Europe, South America, Australia and South Africa. From any telephone in the United States you can call any telephone subscriber in those far-flung quarters of the globe, but, when you talk, no eavesdropper can listen in. Far down in lower New York, your voice passes through a speech inverter mechanism which turns it into a new language, unintelligible to the ear. With patient practice one can learn some of the inverted words, but many are sounds which the human larynx cannot master.

The speech inverter is quite simple in theory. Normal telephone speech falls between vibrations of 100 cycles up to 2,900 cycles. When the speech is inverted, for every vibration is substituted a new one whose frequency is equal to some selected constant frequency, less the frequency of the original sound. We use 3,000 cycles for the constant frequency, and a deep bass note of 100 cycles is thus transformed into a high soprano of 2,900 cycles, while the high notes are inverted to deep bass. The result is much like passing light through a camera lens, which inverts the image, so the top of the picture is focused on the bottom of the film in the camera and the bottom of the image appears at the top.

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At the other end of the trans-oceanic radio phone circuits, similar inverters reverse the process and the party at the other end hears normal speech.

If there is another war, the speech inverter may revolutionise the secrecy problem not only in radio conversations but on the telephone lines at the front. For, by simply changing the cycle according to a pre-determined arrangement, the enemy would be unable to pick up and translate the message, even with a similar machine.

Learning to speak a few words of the inverted language, so you can talk into a microphone and have them come out of the inverter changed into intelligible English, is an interesting experiment. If, for example, you can say "Cyaneon Playfeen Acecilofin" into the transmitter, the inverting telephone apparatus will repeat back "Illinois Telephone Association". There are always portions of the sounds that no human throat can master. Such a simple word as "company", for example, becomes "crink-a-nope".

Secret wireless communication

Speaking of possible war uses of new sound apparatus, the "talking light", one of the most interesting things still in the laboratory experimental stage, offers an opportunity to develop secret wireless communication from the front lines to the rear.

The talking light is an electric arc in which the flame acts as a loud speaker, and can be made to speak with almost the volume of a good dynamic speaker. The principle behind the phenomenon was discovered by the inventor of the telephone, Alexander Graham Bell, and Hammond V. Hayes, one of the early Bell System engineers. They found that speech could be transmitted by a beam of light, and also that when a telephone transmitter was connected across the terminals of an electric arc between carbon rods the flaming arc would reproduce the words spoken into the transmitter. At the same time, beams of light were sent out which could be used to transmit speech several miles.

We have found that the light not only talks but that it is modulated by the voice current, just as the glow of a neon lamp is modulated by the signals reaching a television receiver. It is possible by using photoelectric cells to pick up the beam of modulated light to reproduce it directly at a distant point as spoken words. Such a system would be the last word in directional wireless, for no one could listen in save by inserting a photoelectric tube in the beam; and with the latter directed from the front lines toward the rear, the enemy could not eavesdrop.

Audiences listening to some of my talks on our work at the Bell Laboratories have been mystified by the fact that, though I am constantly walking about the stage and no microphone is in sight, my voice



Using the new talking arc shown in the photo at the left, troops in front-line trenches can communicate with the rear without danger of eavesdropping by the enemy. The ray from the talking arc beam is picked up by photocell and transformed into voice by the amplifier.

reaches them, greatly amplified, through public-address loud speakers. The secret is a tiny microphone, no larger than a quarter, hidden in the breast pocket of my coat and connected to a trailing wire passing down to the floor inside my clothing. Originally a development of an improved transmitter for [a] telephone operator, the device is now serving in a totally different field.

Foiling bank robbers

Another use for small and extremely sensitive microphones is in guarding the vaults of the Federal Reserve and many other banks. Tiny microphones are set in the vault walls, and they are so sensitive that a hand tipping against the vault will set them off, while they are so adjusted that they remain insensitive to footsteps passing near, to trucks in the street and to the rumbling subway trains.

A very clever electrical engineer might possibly locate one of the circuits and, after study, determine just the right amount of resistance to put into the line and so circumvent the microphones while bank robbers could work. So, to guard against that bare chance, the watch service officers are provided with a device by which, at frequent intervals, they can sweep through a whole cycle of resistance changes and determine whether anyone has been tampering with the circuit. The cleverest bank robber doesn't have a chance with this system.

Speech-delay mechanism

Another laboratory experiment which always fascinates the public is the speech-delay mechanism, which, in one form, is just a clever amusement device and, in another, is an important part of the trans-

oceanic radio telephone system. With a long coil spring connected to a telephone transmitter at one side of the stage, it is possible to so delay the movement of the voice vibrations along the wire that you can speak in one end and hear the words come out the other quite a bit later. That's more or less a mechanical affair, the shape of the coiled spring actually delaying the movement of the waves.

But down in lower New York, every message passing through on the

We have found that the light not only talks but that it is modulated by the voice current, just as the glow of a neon lamp is modulated by the signals reaching a television receiver.

radio telephone circuits is delayed for a couple of hundredths of a second by electrical means. The trans-Atlantic wireless-telephone service can work in only one direction at a time, because the sending and receiving stations are tuned to the same wave-length. A voice current going to Europe is picked up also by the American receiver, and, unless the wire line between the receiver and transmitter is blocked, the signal would "loop the loop", causing the circuit to howl. If you are talking from New York to London, you control the circuit so long as your voice continues. When you stop, relays must work to reverse the channel so the person at the other end can answer.

Your voice, as electrical impulses, travels with the speed of light, while

the relays, being mechanical, must have a fraction of a second to work. That's where the speech-delay apparatus comes in. The man in London may start talking instantly, but the apparatus will store up his voice in London for an instant while the relays are doing their work.

Improving sound reproduction

While primarily concerned with the development of the telephone, we are constantly contributing to many other fields. One of the most recent developments was the eliminating of the last disturbing sound from talking-picture films. In the early days of sound recording on movie film, there were many outside noises. Eventually they were eliminated one by one, until finally only a swishing sound remained. By changing the mechanism of the light valve at the recording end it is now possible to eliminate this last noise, and a remarkable change in talking pictures was the result.

Research in the recording of talking-picture sounds on wax discs also has resulted in a marked improvement in reproduction. We have gone back to Edison's original method, as used on the old-time cylinder records. He utilized what is known as "hill and dale" recording, the cutting stylus engraving a line of varying depth, instead of the waving, side-to-side method which Berliner developed with the first disc records. The hill-and-dale method was not a success because of the limitations of the acoustical method of recording.

In following the wavy line on present-day records, the reproducing needle is thrown back and forth from side to side of the groove, and does not follow accurately the path traced by the cutting stylus. By reverting to the

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hill-and-dale method and using a permanent needle in the form of a sapphire point, our engineers have attained practically perfect reproduction.

The reproducing mechanism itself is a marvel of lightness, weighing so little that the playing life of records is extended indefinitely. We have records which have been played a thousand times without appreciable wear.

Advances in biology and metallurgy

Besides contributing to such widely separate fields as better hearing and the talking pictures, our staff also is assisting in the research designed to isolate the cause of cancer, and in other biological fields. This is an offshoot of our investigation into the crystalline structure of metals and alloys, a subject of great importance in the manufacture of telephone apparatus. Francis F. Lucas, with his photo-micrographic equipment which utilizes ultra-violet light and magnifies as much as 5,000

diameters, has been able to explain many obscure things about why metals harden under heat treatment and why they crack in service.

Applying his technique in the field of biology, he has been able to take pictures of living cells without the use of stains, which might damage or change their structure. He is able to take photographs of successive layers right through the cell, at intervals of one one-hundred thousandth of an inch. In other words, if the cell is one-thousandth of an inch thick, he can get one hundred photographs showing its structure at as many layers.

Pictures taken of the surface of brain tissue have shown such startling things that plans are being considered for improved apparatus by which a "map" of a section of brain may be made, just as aerial photographic maps are made by assembling large numbers of photographs taken at appropriate intervals. If the full power of Dr Lucas's equipment were utilized, a map of a section of brain only one-

fourth of an inch square could be made with an enlargement to more than 104 feet square. Of course, a larger area would first be photographed in smaller detail and then special sections selected for further magnification and study.

There is no apparent connection between our work and [the] study of cells, but the photomicrographic equipment has already contributed

toward one of the major improvements in telephonic communication, an improvement which is saving at least \$10,000,000 worth of lead per year in making telephone cables. Lead hardened with antimony has been used for cable sheaths, but they had an annoying habit of breaking down after a few years of use. Dr Lucas discovered by micro-photographs that the antimony after a certain period disassociated itself from the lead. As a result of that discovery a new mixture was found, one so much stronger that a thinner, lighter lead covering could be used, and the result was an enormous saving in lead. His studies of all the metals and alloys which go into telephone equipment manufacture also have contributed to general improvements in many lines.

Broadcasting breakthroughs

Another field to which the telephone industry has contributed is the development of radio broadcasting. Crystals to control the frequency of a broadcasting station and keep it on its exact wave-length have been developed, and so successfully that two stations in Iowa, under the same management, are broadcasting all the time on the same wave-length instead of giving only half-time service as would be necessary if they shared the wave. ∞

(Source: Edited from the original July 1931 article in *Modern Mechanics and Inventions*, reproduced at <http://tinyurl.com/q5dq9h>. See also "The Architecture of Living Cells – Recent Advances in Methods of Biological Research – Optical Sectioning with the Ultra-Violet Microscope" by Francis F. Lucas, Bell Telephone Laboratories, Inc., New York City, *Proc Natl Acad Sci USA* 1930 Sept 15; 16(9):599-607, at <http://tinyurl.com/owffwa>)





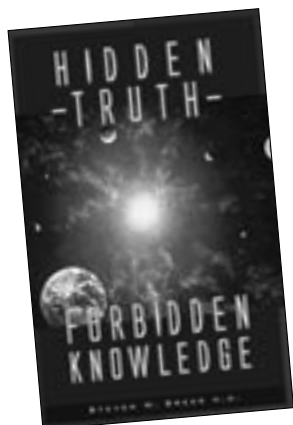
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Extracted from
chapters 4, 5 and 6 of his book
CoEvolution

Published by NEXUS Publications
Mapleton, Qld, Australia, 1997

Alec Newald first contacted us in 1995 about publishing his book, *CoEvolution*, describing his 10-day round trip to his abductors' homeworld, Haven, and the Earth-based controversy it created. Here we publish some intriguing excerpts from his book. — Editor

THE EARTH SEEN IN A DIFFERENT LIGHT

I must have gone to sleep almost immediately.

When I opened my eyes again, Zeena was sitting opposite my cubicle.

"Verva," she said. "Did you sleep well?"

"Like a rock," I replied.

"Curious expression," was her reply.

"How long has it been?" I added, enquiring as to the length of my sleep.

"One half of an Earth day—twelve hours," she answered.

"What's 'verva'?" I asked.

"Oh, 'good spirit, fresh energy to you'. It is a greeting we use a lot, like your 'hello'," she explained.

"What's on the schedule?" I enquired.

"Some more liquid replacement for you," was her reply. "Come on. We have only two more of your Earth days and there is much to learn if you desire, and quite a few questions I have for you, too, before I return home."

Zeena appeared most anxious, but how could she be more inquisitive than I? Even though, I was still reeling from awakening to find myself 'dream-bound' and not back on Earth as I had expected.

"Her home! Now there's something I'd like to know about," I thought to myself but realised almost immediately that Zeena would read it.

"About the size of the planet Mars in your system," she replied, right on cue. "But it is not in the best of health, for our sun is slowly dying and we are being roasted with radiation. We are also losing our atmosphere. We can patch that up to a degree, but not for ever."

"Doesn't sound good. What are you guys doing about it?" I asked.

"Well, we have been looking for a new home for many of your years. The best bet is still Earth, but we cannot take your gravity, among other things. That has always been the major factor but it is also not of the right conformation for us yet. It used to be, but we are not quite like we used to be."

Zeena hesitated, as if pondering whether to go on with this topic. She chose not to continue.

"There is every chance that the Earth is about to change in the not-too-distant future," was her revised answer.

"Change its conformation?" I enquired, startled.

"It shall mutate to a different density level, as you would understand it. It's no big deal. It's happening all over, all the time," she replied.

I think she might now have been trying to downplay it all after she noted

how panicked I must have appeared.

"It'll what?" I queried, looking at her in amazement.

"Well, that is another of those long stories I promised to tell you about. It is best we get comfortable first and you get some fluid intake."

ANCIENT HISTORY LESSONS FROM THE FUTURE

"Now, how shall I start?" Zeena asked. "Perhaps with the Elders."

"Elders?" I chipped in.

"Like the Guardian you have met. They are each many hundreds of Earth years old and have a very ancient lineage. Their ancestors, who are my ancestors, are also very distant ancestors of yours; at least in part they are. Now do not interrupt!"

Zeena headed me off at the pass, even before I could get the thought out of my head.

"This is going to be difficult enough to explain without interruption. I will make room for questions a little later," she added. "These distant common ancestors of ours came to Earth many times, but more important to you was the visit of two million years ago, your time-scale. They were not the first [aliens] to visit. In fact, they and others have lived in and explored what you call your solar system for hundreds of millions of years.

"These travellers tidied up some earlier attempts to manufacture a race of humanoids on Earth, the end result being *Homo sapiens*. I will not go so far as to say these ancient ancestors of mine were solely responsible for your race, for that was indeed a joint effort of many ETs, all of which at some time have laid claim to manufacturing your race. This is not a deliberate lie on their behalf—just a slight exaggeration of the facts. Do not interrupt yet, please. I shall explain all in due course.

"In many ways you have manufactured or at least fine-tuned your own race, and it continues even at this very moment. This is mistakenly called 'evolution'. 'Natural progression of the species' is a fine turn of phrase uttered by one of your kind's more enquiring minds some years ago. It was thought by many to explain the path of evolution, and there is an end to it. But this thinking leaves more questions unanswered than answered, for how and when did a butterfly obtain its wings? I shall not pursue this subject for there are more important things to discuss, but no doubt you see my point. Perhaps there will be a time at a later date.

"I will, however, tell you more of your own race's

personal history, for it is important that you should know your own past and that evolution as you understand it is a myth. The changes are never slow but they are always planned. Later I shall show you that nothing in this Universe—past, present or future in your time-scale—is left to chance. Forgive me, for I diverge from our chosen path.

"Some of my ancient Elders stayed with your developing race. Others moved on. From time to time there were conflicts with other ET races as to what was best for one or the other, just as there are conflicts on your planet now, among your own kind. You must understand that Earth is a very special place. It is very beautiful and there are many who have desired to own it.

I would not go so far as to say this is no longer the case, but you should always have your wits about you! Even we, although we do not wish to own it, would like to live there. But we cannot—indeed, we must not—interfere with the processes that are happening on your planet right now. That is not to say there are no other ET races that will not interfere, and that is why you must have your wits about you.

"Some of those processes which are occurring, or are about to occur, are the direct result of that seeding by our ancient Elders. Even the pyramids are ancient legacies left behind by our Elders to help you awaken when the time is right. They are very important to you, and it is from this front that progress of a most unexpected kind will manifest itself to your race in the not-too-distant future.

"All knowledge will be made available to your race in good time and in accordance with the laws of

evolution. There has yet to be a force artificially manufactured in any universe that my people know of that is more powerful or wiser than this natural law. Trust me when I say this, for my race knows well the cost of interfering with the laws of evolution. We would warn your own people, if only those in control would listen. Alas, that approach appears to have fallen on deaf ears, so we shall now attempt to pass on the message in a different way.

"There was indeed a time upon your planet, not so long ago in the context of this history lesson, when a 'force' came down upon it and did in fact claim it [the Earth] and all upon it as its own. That force—and I know you will find this difficult to accept, Alec [Zeena used my name for the first time]—that force is still among you. It is indeed now a part of all of you, so I suppose you could

"Some of my ancient Elders stayed with your developing race. Others moved on. From time to time there were conflicts with other ET races as to what was best for one or the other..."

say it still does own the planet in some way.

"After this force won your planet, it realised it would have a continuous fight on its hands, for you were not as you are now. You were well on your way to enlightenment, with a very strong spiritual base. You were actually almost as strong as this force itself. It had to trick you in order to master you, and while you were down it altered your make-up, your very structure; your DNA, in fact. It crippled you and stunted you, and set you back many thousands of years. It made you into what you are today, which is only a portion of the greatness you can be, for you have not yet even fully recovered. And if that force has its way, you never will!

"That force is known to most as the 'force of darkness', for it is indeed the enemy of enlightenment. You will please understand that this is a very simplistic description of a most complex entity. Even we do not understand it in its entirety. It is in the air that you breathe and everywhere about you. It has aligned itself to the planet and you. It beats to the pulse of your very planet, for you and the Earth are one and the same. This is one thing your peoples do not seem to comprehend, but you can use this union of the whole to do wondrous things, just as we have.

"Unfortunately, most of your kind fight the natural forces of your wondrous planet. By this I mean you bend them, even break them, to fit your needs. It need not be this way. If your people will just open their minds and hearts to your planet, as many of your ancient races have done in the past, it will show you the way. All is not lost; it just needs to be recalled. Until this is done, we have much need for concern. It is not just Earth planet you are violating as you bend and break Nature in your whims of fancy, for all of all is connected. This is really very basic knowledge. It has been ignored because it suits those who would play with power to ignore it. We and others are indeed benevolent to your race, as we all are connected, but soon something must be done before your play does meaningful harm to us all!

"We find that there is a need to teach you more about the dark forces that permeate you. You would do well by

your people if you take great heed of this lesson and pass on your findings to those of your kind who would listen. The dark force vibrates at a level that is compatible with your brainwave patterns. This much you should already know, but others of your kind have kept it from you.

"In spite of this, some, like you, Alec, are building a resistance to this alien intruder. This is one of the reasons why you find yourself thinking differently from the majority around you. It has enabled you to see more clearly the error of your ways and what must be done. You shall continue along this path a while longer yet, and even doubt your own kind from time to time. Be

patient. This is all I can suggest, as inadequate as it may sound. We have been working on these things with you for many a year now. All of your people will find their way with the passing of time.

"As you find with all afflictions, they are easier to contend with if you understand them. I am doing my best to explain all this to you in terms you will understand. Please interject from here on if you do not understand some point, for we do consider the following to be most important.

"Some on your planet have aligned themselves with this 'force'. Note I have said 'aligned' and not 'allied', for there is a difference. Do you understand this? [I nodded.] They have gained much power from the force,

and some are even foolish enough to think they have it under control. This is naïve, of course, as the force or alien entity is feeding off these people or, rather, feeding off the conflicts these people create in their bid for wealth and power. As long as this suits the dark force, it shall continue; for the 'fear' emotion is what it lives off.

"The easiest way to defeat this force is to remove fear from your societies. This will, in effect, starve it out. It will then go elsewhere, looking for easier prey. You see, your human race is one of the very few that lives with this most unusual thing called 'emotion', which is why the force came here in the first place. We, too, had emotions once, so I am told, and some are saying we can now experience them again, thanks to the new breeding program we are experimenting with.



Artist's impression of Zeena

"Forgive me, I digress again. You will find some of your kind are trying very hard to harness this most dangerous force. Unfortunately, they do not fully understand that it is an entity in its own right and that this is a very dangerous mistake to be making. They think they are playing a game and that they are winning this game. We have tried to warn your people more than once in the past, but no heed has been taken. As your people say, 'it is your life'.

"The worry we have is that your planet breathes with you, in harmony even with your thoughts. To attack the people by using the force in this way is to attack the planet. Be it on your own heads if you invoke the wrath of your planet. There would be little or nothing we could do for your people should that happen. Perhaps you can help us with this message. We have an idea to put to you, but that shall keep until another time, for there is still much to be related on other subjects.

"Your societies, right from the very beginning, have engineered fear into your lives. Most of it is an artificial fear of society itself; in other words, you fear your very own laws. Your high priests from long ago shouted down to the common masses, describing what wraths would be set upon them if they did so much as dare to cross the all-mighty gods of their time. Forgive me if I make what you call a 'joke' of this, for these all-mighty gods they describe were people like me or the Guardian, whom you have met. Do you fear me, Alec, from where you stand?" Zeena asked.

"I feel no fear," was my answer.

"So you see how your masses were manipulated in our absence by those who would gain from it?" she asked again.

"I can see how a lie could fool the uneducated," was my reply.

"And you think your people are better educated on this subject today?" she asked once more.

"If you ask what we know of God, then perhaps not," I replied.

"Exactly my point," Zeena stated. "And so the intimidation goes on, only you have a hundredfold the number of laws today. These are not the laws of Nature, however; just of your manipulators who in turn have been manipulated by the force.

"The laws of Nature you break every day as you drive to work in your disgusting machines. It is even more curious to us that you all know these things but you continue to allow them just the same. Why is there not

a law against it in your society? Does pollution not kill? Are your people so blind they could not see what would happen with the proliferation of these strange machines? You need not answer, for we know the reasons. This is just, as you might say, an example.

"You will perhaps tolerate our confusion, though, when we fail to understand what we have observed in your so-called Western societies in which thousands of your money are spent to save but one life, while millions of your kind die in other far areas for the sake of small amounts of this money. Are you not all one people of the same flesh and blood? For this question, we ourselves do not have such an answer. Could you

perhaps help us in the reasoning of this?" Zeena asked, looking at me in a most perplexed way.

"My own people sometimes embarrass and confuse me. No, I have no answer to that question," I replied.

"Very well. Why do your people take such time and interest in a single tree, should it be cut down in your cities, while they allow large areas of many-years-old trees to be removed from the forests which are out of their sight? Please take this question home with you to put to others, for we also find this most confusing."

I have since duly completed that request.

Zeena did have some encouraging news. She suggested that the force would soon feel the weight of an invasion from above, and there would be battles fought at sea and underwater and also in the skies high above. Most would know little about these events, except those caught within the by-product of the battles. By this she meant that the Earth would

experience storms of gathering intensity, and where these storms would once have been confined to the vortex points of our globe (the western Atlantic-Bermuda area and the West Pacific, southeast of Japan) they would now appear randomly all over our planet. She did not say who or what might be behind these battles or be the cause of them. However, when the way is clear and some portion of the fear has been removed, we may indeed see other races of the Cosmos openly visiting and interacting with us here on Earth!

"In the due course of time you will awaken from this 'sleep' that the force has had you in, with a little help from your friends," she added. "Being a sailor," she said, suggesting I watched the weather, "you will know what to look for. Trust in your instincts."

This is all she was prepared to say on the subject.

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"Your race is nearly strong enough to fight back and win its rightful place in this galaxy of ours. We will help you and your planet to do great things again, for we love all life. Even the dark force is a form of life and we must and do respect it. Do you understand, Alec? This is very important."

Zeena at last let me have a say.

"Yes, I do. But how do we fight this force if we cannot see it or know where it is?" I asked.

"It is within your very soul. You fight it with knowledge and understanding. But only each and every one of your kind can help yourselves. Nevertheless, to know that it exists is half the battle, and you can pass on this knowledge to all who should care to listen.

"Your race is about to change, become more aware—well, most of you are. It is an unfortunate fact that the ones upon your planet who truly understand what a great hold this force, known to you as fear, has over your people are the very ones who are using it against you—and always have. They only understand its power, not its reason for being.

"That is why we have chosen this time to explain to you, and others of your kind, what we are here for. We have come to help enlighten you and, in so doing, perhaps free you from this force. We also understand that there will be some among you who will resent this knowledge being made available and will do their best to belittle and downplay its importance to your race.

"We may also need things from you and your planet. Call it a trade if you like, but I would prefer to use the word 'coevolution'. We both can grow. We both need to change. You will become more like us, while we need to become more like you. We can truly become great friends once you learn to break free. We have been waiting a long time for this to happen, and you, Alec, are part of this very special event that will happen, as are many others.

"You will find them and they will find you. Just let it be known that you are a child of the light, whenever you feel the time is right. You will be amazed at what will happen from then on."

As Zeena finished this part of the lesson, I really did not know what to say. How could I reply to what she'd just said? Her narration had brought up more questions than answers, and quite frankly I did not know where to begin.

Even though most of what she'd just said was totally amazing, it was as if I had always known it was so! For that reason, you may think my next question out of place.

"The thing that worries me the most," I replied, "is your earlier comment before this lesson began about the Earth 'mutating' into something. Where will that leave us, the people?"

"You have no fears there. It will be you, the people, who help the Earth to transform. You will already have passed over to the next level of density, or be in the act of doing so, which in actual fact is evolution—true evolution, as it just so happens; not the form of change that you may have associated with that word in the past. I am sorry, here, because there has not yet been time to ground you in that knowledge.

"The Earth, too, will evolve along these same lines, and that is what I meant by 'mutate'. I am sorry for the use of that word if it has caused you concern," Zeena quickly replied.

"I have more questions," I said, looking at Zeena and

hoping I could continue to ask them. Her indication was that I could.

"What happened to those early ancestors—the ones who stayed on Earth, the ones who helped us in the past?"

"Some of them eventually interbred with your kind, although there was resistance to this initially. The offspring of these unions became our common ancestors. All who were pure of our blood eventually died of an unknown illness or left the planet. Their life-span should have been many hundreds, perhaps even thousands, of your years.

"Some say they simply died of premature ageing. There are many possible reasons why this may have occurred, but it is not necessary for us to discuss that now. The few who escaped this fate and left Earth are



Artist's impression of an Elder

now lost to us; where they may have gone, my people do not know, for that was indeed a long time ago. But while we are on the subject of interbreeding, there are a few questions I would ask of you, if I may," Zeena requested.

I nodded my approval, knowing I would get more chances to ask the hundred-and-one questions I was waiting to ask.

Her first question took me a little by surprise.

"Have you bred on your home planet?"

"That's an interesting question," was my startled reply.

"By 'breed', I suppose you mean have I any children of my own?"

I couldn't believe she didn't already know the answer to this question. Perhaps she was just being polite.

"Yes," she said.

"Well, I have a son who is fourteen years old and is fit and healthy. He doesn't appear to have too many problems, except that he could be without a proper father from now on."

"What do you mean by that?" she asked.

"I was in the process of leaving my family unit permanently when you guys zapped me up here!" I replied. "Don't ask why. It's very complicated, and I'm not sure I know the answer anyway."

"This breeding process, in the form you *Homo sapiens* use, I have studied as much as I can from our records but there is still much I wish to know.

"I have been selected for a modified reproductive process when I return to my home planet. We as a people are running out of time to develop offspring which could survive on any other planet apart from our own without life-support systems. By this I mean we have not yet found another world that is compatible with our specific and rather unique needs. I may be able to elaborate on this point a little later.

"For now, it is enough to say we have few options and may have to adjust to new environments such as planet Earth—which we still like to call our second home, even though we are far removed from being able to live there full time," Zeena finished, sounding rather distressed.

"Our planet is rather full already," I commented, not really wishing to add to her burden.

In spite of what I had already witnessed and been party to, I was in no way prepared for her reply to my statement.

"Oh, we have already had communication with Earth governors on that subject; since the 1950s, in fact. They know of our desire and need. We have even made a trade, as you might call it. I cannot elaborate on it at this time. But not everyone has lived up to their agreements since then."

"Why does nobody know of this on Earth?" I asked, my eyes wide open.

"Your various governors, in their wisdom, decided that the Earth's general population was not then ready for the message and knowledge we had planned to give your people. If you think back to the subjects we have recently discussed, it is hardly surprising, is it? They feel you are still not ready, and we will not tell your people a half-truth to suit others. So we have this situation—what do you say?—a stalemate," Zeena concluded.

"What did the governors say when you said you would like to return to Earth at some time in the future?" I asked.

"All they wanted were the 'lollies'," she commented, without expanding on that subject.

"There are not that many of us," Zeena continued. Fifteen million is but a small total, is it not, among your billions? And our technology trade-off would make life

so much easier for your population. If I dare be so brave as to say history could repeat itself, you may find we interbreed to become one race again, as happened so long ago in your past histories.

"At this point in time there are still some important things that we must physically do here on Earth—some repair work, as it were; a legacy from the past which I am not permitted to discuss at this time.

"We must correct that which is in a state of disrepair. Just by way of coincidence, that work is now almost completed. This is no small thing, for repairs have been going on for many of your years. Time is now short, for next will come the changes—your awakening."

She answered my question before I could ask it. There was not much I could do but sit in silent amazement.

"You must realise," she continued, as I couldn't think of any worthwhile thing to say, "that we are quite a primitive race compared to other extraterrestrials that may communicate with Earth people from time to time. That is one of the reasons we are so attracted to Earth and to you as a race. We feel a real kindred or bonding for your people. We also think Earth is a most beautiful place."

"Where would you like to live on Earth if you had a choice?" I asked.

"We have an area that we call our own."

Zeena explained to me that they were already using an underwater base in the general area of this land that had been set aside for them, although she would go no further in describing where that might be. She was then called away, promising to return as soon as possible to continue our conversation.

"Your various governors, in their wisdom, decided that the Earth's general population was not then ready for the message and knowledge we had planned to give your people."

SURVIVAL STRATEGIES

Upon her return from duty, Zeena was keen to continue her explanation of what they were doing and were about to do on the new breeding program and why it had become such a priority to her people. In order for me to understand, or try to understand fully, another lesson was apparently necessary, so she suggested once again that I make myself comfortable as it was likely to take some time.

"For you to understand the problems that we have, it is best that I tell you a little more about the world you live in. Some of this will be a little hard to understand, but some other aspects will ring a bell when you start to look at them in a different light," said Zeena, who was sitting opposite my sleeping cubicle.

I had just finished another small nap to make up for my forty-hour marathon without sleep.

Zeena continued. "You will remember some time ago I promised to tell you about the other side of yourself. This concerns the cycle of the atom, the part that is still little understood by your people, or, should I say, not yet fully understood by them. When this is understood, a whole new dimension, or dimensions, will open up for you; for in this instant of time between the pulses of atoms lies a world within worlds. They are in fact parallel dimensions to your own—at least to the one where most of you live your 'now'. These dimensions are so close to your real 'now' that you can slip in and out of them without even knowing you have done so! There are sometimes little clues that tell you what has just happened. This dimension-slipping has been going on since you first walked the Earth, only now it is becoming more common to your people. It can happen almost every day to some, but they are basically unaware of it. This is happening because you are awakening to your true selves.

"You are close to a major dimension-leap, the like of which you have never before experienced; a leap that will bring you closer to my people. This is what we have all been waiting for! How many times have you searched for something in a room and could not find it? You go back some time later and there it is, right in front of your nose; there is no way you could have missed it when you searched. You see, you are not always where you think you are. The trick is to be fully conscious when you make these mini-leaps and be aware of where you have gone.

"You will be very surprised, I think. It is a place not far from there that you will find us. We basically come from your future. It does not matter if it is six minutes into your future or six years; if you can get to one, you can get to the other. But, for us, it is not as simple as that, for we also come from another dimension—not quite the one you will shift into, but close. So we are what you would call dimensional time-travellers."

"We—myself and others like me—are in fact a whole new race, or, to be more accurate, a newly reconstituted race. Further modifications are still required before we can achieve our goals as a people.

"This is one of the reasons for our travel to your time zone, and, indeed, the reason for others being here who are also experimenting with their biological make-up, although they have far different goals behind their experimentation than we do.

"The reason behind so many abductions occurring on your planet over the last few years of your time is that this is the last chance for our race—and other races of ETs with problems similar to ours—to interact with you as a race before you change to a form that will no longer be of use to us. Yes, it is that close! My own surrogate mother was of your time and race..."

"We could go further back in time, but it is this now that we need. I will not complicate matters by trying to explain that; we would be here for many more days. My race still has a problem to overcome. We must breed a race with stronger limbs and oxygen-processing units."

"Lungs?" I enquired again.

"Yes. We have been using a mixture of your species' DNA and chromosomes along with our own. Our blood used to be very similar to yours—and still is, with a little modification—although we really only have one type as you would know it; well, two, but they are both very much like your A-negative. We can modify most things, but what it adds up to is that we are not going to go looking for problems—we already have enough of them.

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"The reason behind so many abductions occurring on your planet over the last few years of your time is that this is the last chance for our race—and other races of ETs with problems similar to ours—to interact with you as a race before you change to a form that will no longer be of use to us."

Editor's Note:

This book extract was published in 1997 in NEXUS vol. 4, no. 2, and also in the compilation *Strange Times*. Contact NEXUS Magazine to obtain a copy of Alec Newald's book *CoEvolution* (reviewed in NEXUS 4/03). For more information and details, visit our website <http://www.nexusmagazine.com>.



GIANT RACES STILL EXIST IN THE SOLOMON ISLANDS

by Marius Boirayon © 2003, 2009

Science is a progression of discoveries, and this is definitely one of the bigger ones that we will have for a while. I'll get into some facts about the Giants of the Solomon Islands by using the Giants of Guadalcanal first as an example.

The Giants of Guadalcanal live inside the huge tropical rainforested mountain ranges of Guadalcanal. They have vast cave systems running the length of the entire island. I have come across many Guadalcanal people who believe these Giants can go from east to west through these cave systems without seeing the light of day, and many believe that their population numbers in the thousands.

The Guadalcanal Islanders also believe there is a huge city of them underneath the big mountains of the island. Mount Tatuva is definitely one of this city's main entrances; and if anyone ever wished to film

these Giants, the villages closest to the mountain, where they are also seen regularly, is a good starting point. But that is not required, because they are all over the place and are seen on a daily basis somewhere on the island.

To my understanding, there are three different species or types of these Giants. The larger and more commonly seen are over 10 feet [over three metres] tall, but I have come across numerous islander accounts with evidence which supports that they grow much taller than that. These Giants have very long brown or reddish hair, and when they want to have a good look at you they pull it aside from their face with one hand. They have a protruding double eyebrow, bulging red eyeballs, a flat nose and a wide-gapped mouth. From the large hairy type, they range down in size with lessening amounts of body hair.

The smaller versions, although bigger than normal human beings, are like wild men living in the jungle and are not as hairy as the big ones. This is the way the Guadalcanal

Islanders describe them. Invariably when they see these small Giant, half-human people, they make efforts to kill them. These smaller versions are lower down in the Giants' social order, living predominately outside their cave systems in the jungle, although all three types are found in the island's jungle.

I must point out that the Solomon Islanders don't understand that the Giants are something big to the rest of the world. Whether by intentional design or not, it is appropriate that the Solomon Islands' slogan is "The Place That Time Forgot".

Guadalcanal is rich in gold—a fact that the Europeans discovered centuries ago. Thirty years ago, various gold mining companies started negotiating with the traditional landowners with memoranda of understanding in order to capitalise on this gold. A succession of failed attempts followed, until recent years when Ross Mining broke through with a three per cent deal for the indigenous people.

THE TWILIGHT ZONE

In 1998, at Gold Ridge in central northern Guadalcanal where the mine was being built, they got going with their bigger type of mining bulldozers pushing in roads and clearing the mine area. The mine borders the Giants' territory, and it would appear that the Giants are quite territorial. On one particular occasion, one of these huge bulldozers broke down, with one of the pins on the blade attachment rendered useless. As it was late in the afternoon, they decided to drop the blade there and take the bulldozer back to the workshop to do the repairs overnight so they could continue the next day.

When they returned the next morning, the blade had disappeared. All the boys became confused. How could such a heavy object vanish? Mind you, we're talking about 10 tonnes plus! So they started scouting around in the bush and happened to notice gigantic footprints, around three feet [~ 0.9 metres] in length, close by where they'd left the blade. They found the blade some 100 metres

away on a small hill. From further footprint investigation, they deduced that the Giants had not carried it there but had thrown it or had got it there some other way.

Some years ago, as a retired helicopter pilot/engineer I was asked by the chief helicopter pilot of an American fishing fleet, which had helicopters, to look after their spare parts requirements as Australia is closer to the Solomons than is Guam. The job lasted six weeks and I was handsomely paid for my little effort.

The office I set up was just opposite the old Guadalcanal provincial headquarters, and at lunchtime I would sometimes go across the road and have a few beers there with the then Guadalcanal Premier and Victor, the Finance Minister. It was during one of these lunchtimes that they told me of an encounter with Giants that they'd had some months beforehand. Both the Premier, who is now a national minister, and Victor, who is again a Guadalcanal minister, had decided to go to Gold Ridge to survey the

area of the proposed gold mine. In mid-afternoon they got into their twin-cab Toyota Hilux and drove up there.

It's quite a drive and, after passing a few villages on the way, they arrived at the mine area. A bulldozer had carved out a road, but, as it rains frequently, the road around the side of a hill had become slippery and the Hilux slipped off the road's edge and became bogged. They made some effort to get the 4WD vehicle back up onto the road, but then decided to walk back to the last village they had passed and get a bunch of boys to come and help them pull it out.

Obtaining 30-odd men, they walked back. As they were rounding the last corner from where the 4WD was bogged, they saw their vehicle back up on the road with two huge Giants standing there, one in front of it and other behind. The first reaction for all of them was to run away, screaming in absolute fear. They told me that when they got the courage up some half-hour later, they returned to find the Giants had left.

I asked how tall the Giants were. They told me that the taller of the two was the one that had lifted the front of the vehicle up onto the road. They said that when they inspected the footprints, they could see that each Giant had picked up the vehicle by putting one foot on the road and the other near the vehicle. Pointing out through the window to a tree, the Premier said, "About that high"—which I estimated to be over 15 feet [~ 4.6 metres] and which would be consistent with the three-to four-foot-long [~ 0.9 – 1.2 metres-long] footprints they had described.

Apes and monkeys cannot breed with *Homo sapiens*. So where do I think the Giants came from? I believe they are a surviving species of hominoid that had branched off



Map showing Guadalcanal, the largest of the Solomon Islands

well before Neanderthal man and developed through evolution to be what they are today. The Guadalcanal people also believe that the Giants were there before they were. Apparently their gene pool allows them to breed with the local people.

Why are they so secretive and universally so shy about being seen or known about? I'm sure that within the next decade we'll find out the answer to this question.

It is my belief that the reason why the Solomon Islanders' population is far smaller than it should be is because the Giants of the islands considered the local people as food to be eaten.

Eyewitnesses who have been captured and released have told me that it is just like daytime inside the mountains. There is a lighting system within the Giants' cave dwellings that has no obvious light source, such as bulbs and lamps.

Guadalcanal and Malaita have literally hundreds of caves with Giant artefacts within. Ezekiel Alebua, a once Prime Minister and the previous Guadalcanal Premier, told me of a burial cave in east Guadalcanal that his father took him to when he was a child. Within that cave, there is a perfect Giant skeleton laid out that must be around 15 feet in length.

Luti Mikode is well known by the people around Guadalcanal as "the Chief of the Giants". The story about how he changed the Giants' attitude about eating the Guadalcanal people about a century ago is just extraordinary. Luti Mikode's education of the Giants—to the effect that the Guadalcanal people had hearts, minds and feelings like themselves, and were not to be eaten—resulted in inter-clan wars

amongst the Giants. I have recorded this widely known and most fascinating story and have proven it to be true.

The Guadalcanal people's language and the Fijian language are very close. There are over a hundred words in common, meaning that a Guadalcanal person can go to Fiji and speak Fijian within a week and vice versa (as my good friend and partner Peter Casi found out when he and his band of musicians did a tour there). The Guadalcanal Giants'

There is a lighting system within the Giants' cave dwellings that has no obvious light source, such as bulbs and lamps.

language is very similar to the dialect of the Guadalcanal people.

It is well known that Giants do not like fire, possibly because of their long hair. Some months ago, Ezekiel Alebua told me of an incident that happened on the Weathercoast, south Guadalcanal, in 2000 during the tension.

Five Tangarare men had gone hunting pig with their bows and arrows, and during their hunt they lost track of time. As it was getting late and the weather was ominously turning to rain, they decided to build a sago palm hut quickly and camp the night. They were sitting around a fire within the hut, with the rain pelting down outside, when a huge hand and arm came through the hut's wall. An inquisitive Giant had leaned over the hut and was feeling around for what was inside. The five

men started screaming and using sticks from the fire to beat the monstrous hand away. Horrified, they ran straight through the back wall of the hut, into the darkness of the bush. When they found each other the next morning down on the coast, they realised they had dispersed several kilometres apart.

There is a World War II mystery that has never been solved about why initially there were no Japanese to resist the Allied Forces at Red Beach and Henderson Airfield. This was uncharacteristic of the Japanese who, on other island campaigns, had always fought to the very last. When the Allied Forces arrived, they were expecting to lose one in two men, but instead there was no one to be found.

At The Borderline, very near Mount Austin, further up the road past the Japanese Memorial, there are three Guadalcanal tribes. The Simba is one of those tribes, and living not far from them is an old Giant couple, a male and a female. Any of the tribes up that way will tell you all about them; it's common knowledge.

The area is rich with many stories pertaining to the local tribes' tumultuous historical relationship with the Giants, but so is everywhere else on Guadalcanal and, for that matter, everywhere else in the Solomon Islands.

The Giants inhabit all the larger islands of the Solomons, but they are known by different names on each of these islands. However, "Moo-Moo" (like the cow noise) is the universal Solomon Islander name for these huge people.

Choiseul, an island 300 kilometres long by 80 kilometres wide, at the western extremity of the Solomons, apparently has just as many Giant people as Guadalcanal, living in its

THE TWILIGHT ZONE

interior. When you observe the map, you'll notice there is not one village in the interior of Choiseul—and there is a very good reason for that.

The island of Santa Isabel has big Giants still living there in two different areas, but their population is far fewer than that of Guadalcanal. Central northeast and central north are the two areas where they can be found on that island, but just ask anyone there and they will steer you in the right direction.

Makira, which is east of Guadalcanal, has only the small, super-strong, dwarf-like Giants, which can also be found on Guadalcanal. In 1996, there was a front-page picture of one of these four-foot "Chowa-Chowa" in the *Solomon Star* newspaper.

Malaita has a very rich history with these giant people. The Ramo of Malaita are the same as the Giants of Guadalcanal, although reportedly culturally different.

There is also evidence of a lost South West Pacific civilisation scattered across different parts of Malaita. Around a mountain near Mount Mala in north Malaita's interior is a perfectly fitted large

stone block wall and path spiralling around the mountain. This path leads to a flat area on top of the mountain, where another large stone block wall separates to a higher split-level flat area where an "altar" can be found.

Some hundred metres further on is a burial site that has a perfectly flat, approximately 18 x 6 x 1 foot [$\sim 5.5 \times 1.8 \times 0.3$ metre] stone upon it. The bush people further away from that area say that a Ramo of great importance is buried there. There are also hieroglyphic inscriptions chiselled into these stone block walls.

In Kwaio, a place where my wife is from, obelisks with strange inscriptions upon them can be found deep in the bush. In an area of Kwara'ae, north of Kwaio, there is a large burial place in the jungle with thousands of Giant Ramo skeleton bones scattered upon the ground.

A hut in one village not far from this area has as one of its main support poles a Ramo femur bone measuring nearly eight feet [~ 2.5 metres] in length!

On Guadalcanal, the Giants are

common knowledge to all of the local people, and due to past interactions they play a major part in the history, culture and folklore of the people. The Guadalcanal Giants can be found in the 1,000-square-kilometre area of tropical jungle mountains west of Mount Popomanaseu.

It is my dream that one day soon these remarkable people will be recognised and that we may all benefit from the knowledge. ∞

About the Author:

Marius Boirayon was born in Australia and raised from the age of five in the highlands of Papua New Guinea. He completed his senior education in Queensland and then joined the Royal Australian Air Force (RAAF). After service in the RAAF, he spent some years working for various companies flying mainly in the outback of Australia as an aeroplane and helicopter pilot and engineer. In 1995 he moved to the Solomon Islands, where he lived for many years.

Marius Boirayon's book *Solomon Islands Mysteries: Accounts of Giants and UFOs in The Solomon Islands* has just been published (see review in this edition) and is available from the NEXUS website <http://www.nexusmagazine.com>.

For further information on the Solomon Islands mysteries or to contact the author, visit <http://www.solomonislands-mysteries.com>.

Editor's Note:

This article originally appeared in NEXUS vol. 10, no. 5 in 2003. Another article, "The Dragon Snake: A Solomon Islands UFO Mystery", was published in the same edition. Both articles are also featured in the NEXUS compilation *Strange Times*; to obtain a copy of this publication, visit <http://www.nexusmagazine.com>.



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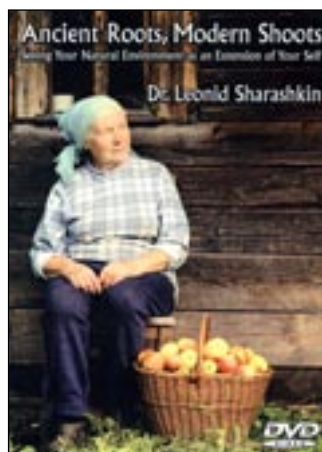
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Weather Warfare



WEATHER WARFARE The Military's Plan to Draft Mother Nature

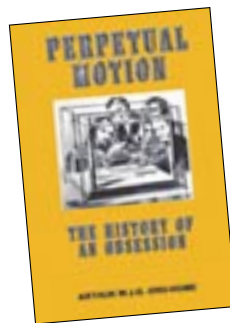
by Jerry E. Smith

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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

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(includes postage & GST)

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

ENLIGHTENMENT THROUGH ORBS

by Diana Cooper & Kathy Crosswell

Findhorn Press, Scotland, UK, 2008

ISBN 978-1-84409-153-9 (157pp tpb)

Available: www.findhornpress.com

Spiritually sensitive authors Diana Cooper and Kathy Crosswell teamed up to shed light on the mysterious orbs phenomenon. Both are assisted by their guides in spreading the message that orbs present an opportunity for enlightenment to those with open minds—and digital cameras. In their book, they include 40 colour photos of orbs which serve to show important aspects of their functions.

Orbs mean different things to different people. To Cooper and Crosswell, they are messengers of a spiritual hierarchy represented by Seraphim, guardian angels, departed loved ones and even unicorns. These orbic light representations can show combinations of various levels of the hierarchy's presence, each with its own role to perform in assisting us, whether in protecting us from danger, nurturing our love or encouraging us on our spiritual path.

Cooper and Crosswell describe aspects and energies of elemental spirits, guides, masters and a host of archangels, all of whom we can call up as a matter of course and can certainly connect with via various images of orbs. They give keys for receiving this energy from the universe and provide various meditations and exercises with the orbs to raise our consciousness.

Orbs may well be an important, and timely, gift to humanity.

INTERFERENCE: A Grand Scientific Musical Theory

by Richard Merrick

Richard Merrick, USA, 2009

ISBN 978-0-615-20599-1 (408pp hc)

Available: InterferenceTheory.com

If you were inspired by Richard Merrick's article "The Suppression of Harmonic Science" in NEXUS 16/02 and took the next step and checked out his website, only to be mind-boggled at the analysis and illustrations therein, you'll definitely want to have his brilliant and beautifully produced large-format volume in your collection.

This is a book that is wowing forward-thinking people, whether they be into music, science, sacred geometry, graphic art, the Kabbalah or history. It's full of "unconventional

wisdom" that takes in a social thesis, a psychoacoustical theory, psychophysiological principles, harmonic models and physical archetypes. What more could you ask for? From the Pythagorean Disjunctive Tetrachord System to the Quantum Space Lattice and Cubeoctahedral Atomic Model, the groundwork is laid out to turn our world view upside down.

Merrick, a major talent in many fields, is concerned about what young people are being taught, and it's nothing to do with appreciating the natural coherence that runs through music, physics and perception. In his cutting-edge treatise, he maintains that without harmonic philosophy we can't find real meaning and a path to wisdom.



REVIEWS



THE GREAT DIGITIZATION AND THE QUEST TO KNOW EVERYTHING

by Lucien X. Polastron

Inner Traditions, Vermont, 2009 (first published as *La Grande Numérisation* by Editions Denoël, France, 2006)

ISBN 978-1-59477-243-6 (182pp tpb)

Available: www.InnerTraditions.com

Paris-based historian Lucien Polastron wrote about the past destruction of libraries in his seminal study *Books on Fire*. Here, he lends his scholarly weight to considering the future of libraries and how these archives are being affected by the emergence of virtual libraries and books that are changing the way we access and interact with information.

While Polastron has an emphasis on the French scene, he covers the global phenomenon that is redefining how information is handled and even how our bodies of thought are being restructured. He laments how libraries are being "upgraded" in such a way that their incredibly expensive architecture doesn't even have room for all their books, which has led to several national libraries having to destroy or offload hundreds of thousands of precious texts.

Polastron explores the implications of digitising book collections, where the reality is falling far behind the

ambitious promises and where the future of "free public reading" may be as unattainable as "the quest for a universal library". He examines the pros and cons of recent innovations such as Wikipedia, Google Scholar ("Schoogle") and Amazon.com, and asks whether information really is knowledge. A seriously thought-provoking treatise.

UNCOMMON KNOWLEDGE

by Al McDowell

Author House, Bloomington, IN, 2009

ISBN 978-1-4389-1284-4 (385pp tpb)

Available: www.spheritons.com;

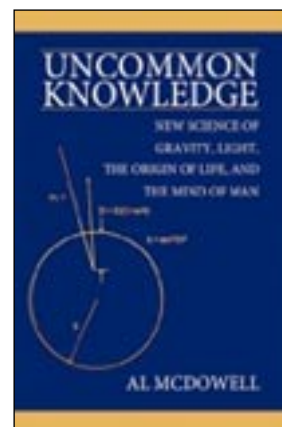
www.authorhouse.co.uk

The foundations of mainstream science and history are scrutinised by retired electrical engineer and doctor of business economics Al McDowell in his stimulating book.

In this synthesis of the findings of key modern-day alternative thinkers, McDowell adds his own take to overturn inaccuracies of consensus knowledge and reformulate "a theory of nearly everything". He challenges myriad accepted "dogmas"—on the Big Bang, Einsteinian relativity, gravity and electromagnetism, the evolution of life on Earth and the dating of the Egyptian pyramids—which in his view are unsupportable when subjected to rigorous analysis.

McDowell proposes an elegant "spheriton theory" to explain the universe, its forces and "the mind of God and man", with only four sizes of very tiny spherical elastic shells involving Newtonian interactions, three of which travel faster than light to provide our fields of force. He suggests that the fossil record tells us that life did not evolve on Earth but arrived at particular times, seeded by the influence of our "mother planet" Nibiru (as popularised by Zecharia Sitchin), originally from the Sirius star system.

Acknowledging that he doesn't have all the answers, McDowell puts forward some unique ideas about matter and mind that blow away consensus reality and promulgate the existence of a cosmic intelligence.





REVIEWS

THE AKASHIC EXPERIENCE

by Ervin Laszlo

Inner Traditions, Vermont, USA, 2009
ISBN 978-1-59477-298-6 (278pp tpb)

Available: www.innertraditions.com

In the introduction to his mind-expanding compilation, Ervin Laszlo tackles the question of just what an "akashic experience" is. To this author of *Science and the Akashic Field* and *The Chaos Point* (see 12/02 and 13/04), it's a lived experience in the extrasensory or non-sensory mode—one that very likely couldn't have been transmitted by the senses.

Encompassed in its world are creative insights, non-local healings, near-death and after-death communications and past-life recollections. Common to this experience is the sense that there is no separation between the subject and the object, and often there's a deep connection with the cosmos and the "cosmic memory field". Frontier science only in recent years has begun to perceive what is ancient knowledge and thus has been undergoing a paradigm shift.

Among the 20 pioneers chosen for their special perspectives on this shift into the akashic higher reality are healer C. J. Martes (developer of Akashic Field Therapy), psychology professor Stanley Krippner,

troubadour Raffi Cavoukian, transpersonal psychologist Stanislav Grof and astronaut Edgar Mitchell. The varied themes cover infinite consciousness, healing over space and time, the uses of Akashic information in business, bridging the subjective and objective, and reports from near-death survivors.

In summing up, Laszlo sees hope in the expanding horizons of scientific research and adds a note on his own experience of the infinite Akasha.

THE EARTH CHRONICLES HANDBOOK

by Zecharia Sitchin

Bear & Co., Rochester, VT, USA, 2009
ISBN 978-1-59143-101-5 (231pp tpb)

Available: BearandCompanyBooks.com

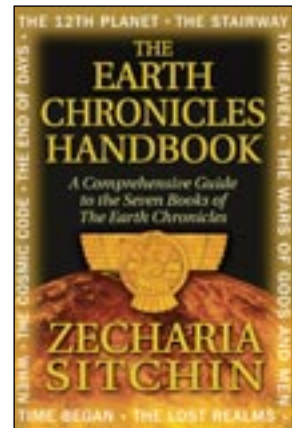
Zecharia Sitchin's seven-book series *The Earth Chronicles* has been intrinsic to shaping new views on the myths of ancient civilisations, popularising the idea that these stories were based on real events and that the gods they portrayed were actually visitors from other worlds.

However, Sitchin's interpretations of ancient records aren't always accepted by his fellow scholars; for example, the notion that the Giza pyramids were built by the Anunnaki as part of a landing corridor serving a post-flood spaceport in the Sinai

Peninsula is not one held dear by mainstream Egyptologists.

Nevertheless, fans of Sitchin's groundbreaking research will appreciate this A to Z compendium of key gods, demigods, personages, archaeological sites, concepts and beliefs that are featured throughout his series. Sitchin subscribes to a unified, global history of Earth and humanity that explains the similarities in myths and legends found throughout ancient cultures.

Most of the hundreds of entries contain commentaries and cross-references to several civilisations and are invaluable for keeping the reader on top of the mass of information contained in Sitchin's books. If you haven't yet ventured into the *Chronicles*, here's your launching pad.



REVIEWS



KING JESUS: From Kam (Egypt) to Camelot

by **Ralph Ellis**

Edfu Books, UK, 2008; Adventures Unlimited Press, USA, 2008
ISBN 978-1-905815-00-5 (UK),
978-1-931882-86-6 (USA) (581pp tpb)
Available: info@edfu-books.com;
www.adventuresunlimitedpress.com

Again, Ralph Ellis has upturned conventional thinking on the historical Jesus. By extending his research into one character, the Jewish historian Flavius Josephus, Ellis discovered a new perspective on Jesus as a wealthy revolutionary figure with Persian–Syrian–Egyptian royal roots and wisdom to boot.

In his 1999 book *Jesus, Last of the Pharaohs* (see 6/04), Ellis touched on the proposition that Josephus was in fact Saul, the St Paul of Christianity. In *King Jesus*, he delves more deeply into the similarities between the two characters, concluding that Josephus had a dual life as the historian with patronage from the Roman Emperor and as the money-hungry creator of Christianity and a more modern Judaism, but he gained a new identity in Britain as Joseph of Arimathea.

Having analysed clues overlooked by scholars of religion and history, Ellis deduces that the Jesus timeline is later than depicted and coincides

with the Josephus accounts that place him amidst the Jewish rebellion that culminated in the destruction of the Temple. He proposes that Jesus was at one time the High Priest of Jerusalem and probably was exiled around AD 70 to Britain, where he became known as Atur-tii, or King Arthur. The 12 knights of the Round Table have similarities with the 12 apostles at the Last Supper. The "New Jerusalem" extolled by esotericist William Blake in his famous poem has much truth to it, says Ellis in his surprising book.

SCIENCE & ISLAM: A HISTORY by **Ehsan Masood**

Icon Books, London, 2009
ISBN 978-184831-040-7 (240pp hc)
Available: www.iconbooks.co.uk;
www.allenandunwin.com

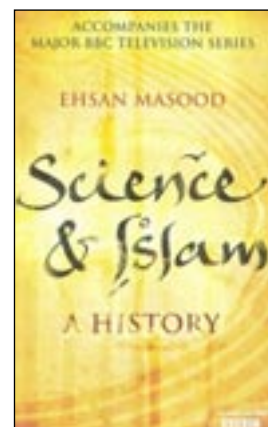
The history of Islamic science and its lofty influence on the West are highlighted here by Ehsan Masood, a chief commissioning editor with the journal *Nature* and a teacher of international science policy at Imperial College, London.

Geographically, Islam's cities of science and astronomy, education and medicine spanned from as far west as Seville to as far east as Tashkent during the eighth to the 16th centuries. Far from Islamic

learning being stifled by religion, it thrived because of it, he says; indeed, the prophet Muhammad encouraged the pursuit of ideas and knowledge, although some later Islamic religious leaders weren't so happy about the influence of the "polymaths".

Masood unveils the contributions that Islamic thinkers have made to civilisation as we know it, with inventions such as the crankshaft, reciprocating piston and micrometer as well as algebra, and their understanding of planetary motions and the spread of disease. He covers the debates about the relationship between science and society and examines why eventually this Islamic scientific flowering went into decline.

A fascinating study with lessons that can be learned from history.





REVIEWS

SOLOMON ISLANDS MYSTERIES

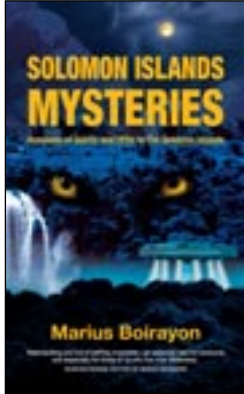
by Marius Boirayon

© Marius Boirayon, 2009,

www.solomonislandsmysteries.com

ISBN 978-0-646-51060-6 (231pp tpb)

Available: www.nexusmagazine.com



The week that Marius Boirayon's revelations about mysteries in the Solomon Islands were published in August 2003 (see NEXUS 10/05 and reprint of his Giants article in this edition), the then Prime Minister of Australia, John Howard, sent in a military and police contingent to bring peace to the troubled islands in the midst of another "ethnic war". Boirayon reckons it was no coincidence: his going public on the existence of Giants, UFOs and their bases, and even secret bases of the leading cabal on our planet, was a threat to the One World Government. He'd already caused mayhem by showing that the Solomon Islands has vast oil and gas reserves and by attempting to create a gemstone industry on the island of Malaita. He was unceremoniously kidnapped and returned to Australia by intelligence personnel before the occupation.

This is Boirayon's memoir of his exploits in the Solomon Islands. He transports readers to these tropical paradises, absorbing us in the cultures, customs, legends and stories. He passes on numerous accounts about several types of giant hominoids that live within the mountains of these islands and have terrorised the people for millennia.

He tells the amazing UFO stories of

the locals and describes his own close-shaves with UFOs (called Dragon Snakes on Guadalcanal and Diamond Snakes on Malaita) and his expeditions to find their bases. He discovered that these bases have entrances in mountains, reefs and lakes, as he's seen with his own eyes, and are probably connected by tunnels. A gripping book which suggests there are still mysteries to be grappled with in this world.

THE COLLECTORS

by Corina Saebels

Trafford Publishing, BC, Canada, 2007

ISBN 978-1-4251-1996-6

Available: www.trafford.com/07-0401

Some people who claim to have been abducted by aliens have reported positive experiences, but many more, including Canadian Corina Saebels, have had negative ones—often going back to childhood. Saebels divulges her heartfelt and harrowing story in *The Collectors*—named after the aliens, with an uncanny resemblance to the classic "Grey" type, that she believes have collected tissue samples from her and performed medical experiments on her since she was five years old.

She tells of the fear she's lived through, the physical and mental distress, the medical traumas, the personal dramas, and even the horrors that her children have undergone as a result of these alien intrusions—leading her to the terrifying conclusion that the phenomenon is intergenerational. It's all here: military involvement with aliens at secret bases, humming UFOs in pursuit, menacing black helicopters hovering overhead, missing time experiences and encounters with alien "doctors". Many of her abduction experiences have been corroborated by witnesses and the effects documented.

The truth is, Sabel is not alone. She has shown great courage in going public and has also set up a support group (see www.geocities.com/okufu2002/abductions.html).

REVIEWS



VIRUS MANIA

by **Torsten Engelbrecht and Claus Köhnlein**

Trafford Publishing, BC, Canada, 2007
(first published as *Virus-Wahn* by Emu-Verlag, Lahnstein, Germany)

ISBN 978-1-4251-1467-1 (320pp tpb)

Available: www.trafford.com/06-3226

There's no shortage of non-epidemics to fill the pages of this exposé by Hamburg-based freelance journalist Torsten Engelbrecht and internal medicine specialist Claus Köhnlein. First off, they explain why medicine has a distorted picture of microbes and has ignored other factors such as toxic metal pollution, pesticide poisoning, pharmaceutical drug reactions, poor nutrition and lifestyle choices that can all lead to certain disease conditions.

Countering orthodox wisdom, the authors explain that these viruses are particles produced by the cells themselves in response to certain stress factors and are misdiagnosed in antibody and PCR tests. They put under the microscope HIV, hepatitis C, BSE, SARS and the H5N1 avian flu virus and put forward evidence for "how the medical industry continually invents epidemics, making billion-dollar profits". They also examine issues of policy versus efficacy with vaccinations, the Gardasil® vaccine against HPV being of considerable interest in view of the adverse and even fatal effects reported to date.

The authors call for new debate on the scientific facts and hope that their book encourages people to take control of their own bodies and lives.

FEAR OF THE INVISIBLE

by **Janine Roberts**

Impact Investigative Media
Productions, Bristol, UK, 2009

ISBN 978-0-9559177-2-1 (301pp tpb)

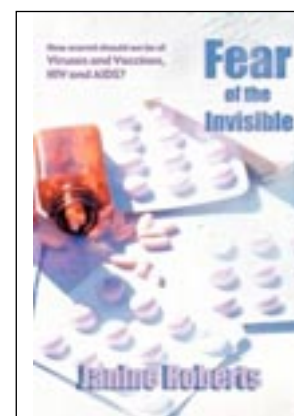
Available: www.fearoftheinvisible.com

Hot off the press is another book which posits that the nature of the virus has been misconceived. Far from being a discrete organism, the virus is what is now often termed an

"exosome", a particle that enters or leaves the cell body to perform functions such as carrying proteins and genetic codes. If cells make these particles naturally, we have a problem if we try to prevent these "viruses" doing their thing: we could risk severely damaging healthy cells. Investigative journalist Janine Roberts cautions in *Fear of the Invisible* that we need to strengthen the malnourished cell rather than interfere with its processes.

Regarding the original HIV=AIDS papers, Roberts confirms that these were not only doctored but not corrected, resulting in grave errors in patient treatment and in scientists continuing to cite the HIV=AIDS line. She has uncovered deceptions with polio epidemics, finding a link with heavy metal pesticides sprayed in summertime, and with childhood vaccines, discovering that they are polluted with a variety of particles from viral and genetic code fragments to toxins, prions and oncogenes. She also reveals WHO findings that the MMR vaccine is contaminated with avian leucosis virus, which is linked to leukaemia, and recounts a report by a Yale professor shortly after the 1918 flu pandemic that bacteria were responsible and any flu viruses present were virtually harmless.

Roberts backs up those scientist whistleblowers who have been pilloried by the establishment, and rails against the billions spent on research that's going down the wrong road. She argues for facts over fear.



RARE BOOK

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

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

\$33.00 (includes p&h)

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.

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REVIEWS

ONE SMALL STEP?

by Gerhard Wisnewski

Clairview Books, UK, 2007

ISBN 978-1-905570-12-6 (390pp tpb)

Available: www.clairviewbooks.com

The race for space has been fraught with disasters, as Gerhard Wisnewski documents in his gripping and damning analysis. Not merely a study of anomalies showing up on Moon photos, *One Small Step?* takes aim at both American and Russian deceptions and travesties in the Cold War era of propaganda interplay.

In part one, Wisnewski reveals that the USSR dared not mention its many failures and yet faked its successes; for example, Yuri Gagarin, the so-called first man in space, was merely a pawn who was parachuted to his landing target by aeroplane.

In part two, focussing on the USA, Wisnewski reviews the disasters from which it can be concluded that the Americans never landed on the Moon—or at least not using conventional rocket technology. The *Apollo* missions were "the best simulations of all time", he asserts. However, on another tack, he says that "unauthorised" mentions by astronauts of UFOs observed on and near the Moon take the heat off other conspiracy ponderings about "flags, shadows and snapshots taken against the light" and constitute what he calls an "accompanying myth" and, more specifically, "the UFO trap".

Wisnewski, also a documentary filmmaker, exposes many more long-held secrets to startle the reader.

has many critics including in specialised scientific fields who claim he's quoted their work out of context or is just plain wrong. Plimer is no stranger to controversy, having made (and lost) a challenge to creationism in the 1990s in the Australian courts.

Drawing on studies from diverse fields including astrophysics, climatology, oceanography, plate tectonics, solar physics, vulcanology as well as geology, Dr Plimer takes a long-term, big-picture perspective, going back hundreds of millions of years into the geological record. He concludes that the Earth has always had climate variation, often involving major flux events. He equates the recent climate change hysteria with religious fundamentalism, and rejects computer models in favour of real-world observations which show that the planet is *not* warming and that emissions of carbon dioxide (a secondary greenhouse gas) are *not* reaching an alarming level.

Dr Plimer cites evidence for the South Pacific atoll of Tuvalu, in a seismically active zone, actually sinking; any sporadic tidal inundations are not due to global climate change, as the doomsayers have been claiming for two decades. He maintains that the peer-reviewed literature is near-unanimous in *not* predicting climate catastrophe. He is adamant that climate change is *not* human-induced but that natural drivers of climate have a much greater impact than we could ever have. Examine the data for yourself.

HEAVEN AND EARTH

by Ian Plimer

Connor Court, Vic., Australia, 2009

ISBN 978-1-921421-14-3 (503pp tpb)

Available: www.connorcourt.com

The daggers were out for geologist Dr Ian Plimer even before his book was published in April, and the situation has been exacerbated because the only people supporting his view seem to be right-leaning commentators. Having slammed the IPCC, Stern and Garnaut reports, he



REVIEWS



DVDs

Selected by Duncan Roads

CIRCLES: HIDDEN MYSTERIES

Presented by Stuart Dike

plus **The Roswell Stone Enigma**

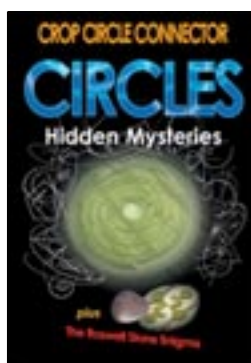
Presented by Julian Gibsone

Prod. by CropCircleConnector, 2009

Avail: www.cropcircleconnector.com

On this journey, many secret societies and their associations with geometry are investigated. The timeline goes from Neolithic cultures to Egyptian and Greek secret societies, through the Middle Ages to the Age of Enlightenment and the mysterious world of Freemasonry, to modern mathematical concepts. This DVD includes crop circles filmed from the air and on the ground.

The bonus 21-minute doco, *The Roswell Stone Enigma*, has Julian Gibsone visiting New Mexico, USA, to investigate a strange carved stone found very near to Roswell. What's amazing is that the design is identical to that of a crop circle which appeared in 1996 in Wiltshire, UK.



EARTHLINGS

Narrated by Joaquin Phoenix

Produced by Nation Earth LLC, 2008

Available: www.earthlings.com

A feature-length documentary about humanity's absolute dependence on animals (as pets and for food, clothing, entertainment and scientific research), *Earthlings* also illustrates our complete disrespect for these so-



called "non-human providers".

For this in-depth study into pet stores, puppy mills and animal shelters as well as factory farms, the leather and fur trades, sports and entertainment industries and medical and scientific professions, *Earthlings* used hidden cameras to chronicle the day-to-day practices of some of the largest industries in the world, all of which rely entirely on animals for profit. A powerful film.

THE LIVING MATRIX

Produced by The Living Matrix Ltd and Becker Massey LLC, 2009

Available: www.innerglow.com.au;

www.thelivingmatrixmovie.com

This film questions the exclusive role of genetics in human biology. Directed by San Francisco-based filmmaker Greg Becker and produced by Harry Massey, an entrepreneur in bioenergetics and informational health care in Poole, England, *The Living Matrix* mixes new science, recovery stories and 3D motion graphics to take the provocative discussion of quantum physics, energy fields and consciousness and apply it to health and healing.



It is the first documentary to bring together academic and independent researchers, practitioners and science journalists whose work reveals scientific evidence that energy and information fields, not genetics, control our biochemistry and health. Featured are Bruce Lipton, PhD, Lynne McTaggart, Edgar Mitchell, PhD, James L. Oschman, PhD, Eric Pearl, DC, Dean Radin, PhD, Rupert Sheldrake, PhD, and many more.

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

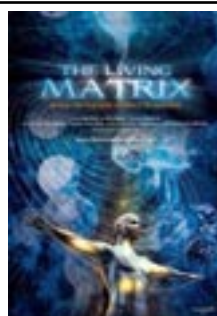
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Richard Sauder, Ph.D.

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REVIEWS

MUSIC

Reviewed by Richard Giles

NEUROTECH COACHING

by Jonathan Robert Banks

Neurotech Coaching, Australia, 2008
(8CDs, 30mins each)

Distributors: **Australia**—Brumby Books
& Music, tel (03) 9761 5535;

www.neurotechcoaching.com.au

Jonathan Banks has a background in Education, psychology, hypnosis, yoga and meditation and has pioneered neurotechnology applications in the treatment of pain, drug addiction and anxiety. These CDs focus on different aspects of brain wave entrainment to exercise the brain and enhance its capabilities for healing, meditation and peak performance. Each CD uses entrainment as a way of helping with relaxation, learning, stress, concentration, anxiety, depression and revitalisation. Powerful tools.

WITHIN MY WALLS

by The Idan Raichel Project

Cumbancha Music, 2009 (43mins)

Distributors: **Australia**—Fuse Music, tel
(02) 9699 7555; **UK**—Putumayo Music,
tel (0) 7759 600 495; **USA**—

Cumbancha Music, tel (802) 425 2118,
www.cumbancha.com

The exciting Israeli keyboardist Idan Raichel has recorded with his Project and worked and toured with a diverse range of musicians (see review of his acclaimed first world-release album in NEXUS 15/04). The sessions collected on this CD include singers Marta Gómez from Colombia, Mayra Andrade from Cape Verde, Somi of East African heritage, Shimon Buskila from Morocco, and Idan himself. A multicultural collaboration with unique sounds.

SEYA

by Oumou Sangare

World Music Network, 2009 (56mins)

Distributors: **Aust**—Fuse Music, tel
(02) 9699 7555; **UK**—World Circuit

Records, tel (0)207 749 3222; **USA**—
World Circuit Records, tel 800 955
9588 (toll free)

This is the first album in years from the great Malian singer Oumou Sangare. *Seya* ("Joy") features her own compositions with her funky traditional Wassoulou sound and some of Mali's best musicians. The songs are about women in Africa, forced marriage, polygamy and children's issues. In fact, Oumou supports an orphanage in Bamako and is a UN FAO ambassador. An upbeat album of progressive music in Oumou's irrepressible style.

INTRODUCING MAMANE BARKA

by Mamane Barka

World Music Network, 2009 (57mins)

Distributors: **Australia**—The Planet
Company, tel (02) 9283 8250; **UK**—
World Music Network, tel (0)20 7498
5252, www.worldmusic.net

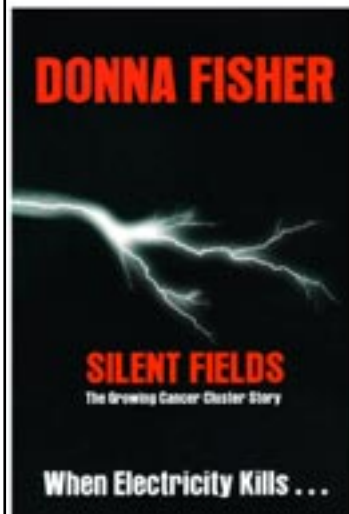
Malam Mamane Barka, from the desert of the Republic of Niger, is the last remaining master of the *biram*, a boat-shaped instrument that's played like the *kora*. A member of the Toubou tribe, Barka became a teacher; in the 1980s, he took up the *ngurumi*, a traditional stringed instrument, and became a celebrated player in his country. In 2002, while meeting with the Boudouma people of Lake Chad, he discovered their sacred instrument, the *biram*. Boukar Tar, a *biram* master, taught him and gifted his instrument to him. Playing at Womad in 2008, he introduced the *biram* to a world music audience. The amazing music of the *biram* has a sound like water.



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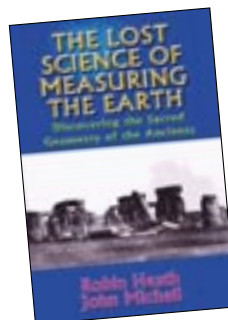
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Ancient Sacred Geometry



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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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Is it even from Earth?*

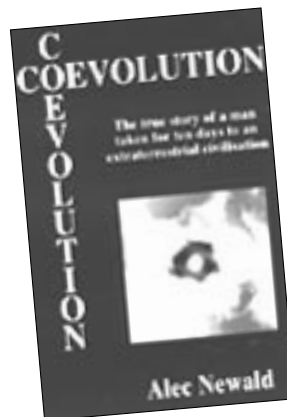
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CoEvolution



**The true story of a
man taken for ten
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extraterrestrial
civilisation**

by Alec Newald

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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 ability to combine Canadian natural resources, American ingenuity and cheap Mexican labor would allow North America to compete better on a global stage."

The author further stated: "If forward policy attempts to induce more debt rather than allowing savings and obligations to align, we must respect the potential for a system shock."

"We may need to let a two-tier currency gain traction if the dollar meaningfully debases from current levels."

He added: "If this dynamic plays out—and I've got no insight that it will—the global balance of powers would fragment into four primary regions: North America, Europe, Asia and the Middle East."

"In such a scenario, ramifications would manifest through social unrest and geopolitical conflict."³³

A GLOBAL CURRENCY The Phoenix

In 1988, *The Economist* ran an article titled "Get Ready for the Phoenix",³⁴ which stated: "Thirty years from now, Americans, Japanese, Europeans, and people in many other rich countries and some relatively poor ones will probably be paying for their shopping with the same currency. Prices will be quoted not in dollars, yen or D-marks but in, let's say, the phoenix. The phoenix will be favoured by companies and shoppers because it will be more convenient than today's national currencies, which by then will seem a quaint cause of much disruption to economic life in the late twentieth century."

The article also said: "The market crash [of 1987] taught [governments] that the pretence of policy co-operation can be worse than nothing, and that until real co-operation is feasible (i.e., until

governments surrender some economic sovereignty) further attempts to peg currencies will flounder." Amazingly, the article stated: "Several more big exchange-rate upsets, a few more stockmarket crashes and probably a slump or two will be needed before politicians are willing to face squarely up to that choice. This points to a muddled sequence of emergency followed by patch-up followed by emergency, stretching out far beyond 2018—except for two things. As time passes, the damage caused by currency instability is gradually going to mount; and the very trends that will make it mount are making the utopia of monetary union feasible."

Further, the article stated: "The phoenix zone would impose tight constraints on national governments."

Continued on page 82

Axis of the World



AXIS OF THE WORLD: The search for the Oldest American Civilization

by Igor Witkowski

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This book tackles one of the most interesting and persistent mysteries pondered by mankind—the very question of our own roots. Witkowski mounts a painstaking search for answers, and compiles an astonishing array of evidence that points to only one conclusion: in the very deep mists of the past, there existed a highly-advanced civilization that was able to exert its influence on a worldwide scale, and did so in a purposeful way. These beneficent bringers of knowledge are described in almost every indigenous culture, and the similarities in the accounts cannot be reasonably overlooked. Witkowski brings a multi-disciplinary approach to the problem, comparing archeological discoveries, ethnological relations, historical documents, linguistics and even the achievements of genetic research.

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"There would be no such thing, for instance, as a national monetary policy. The world phoenix supply would be fixed by a new central bank, descended perhaps from the IMF. The world inflation rate—and hence, within narrow margins, each national inflation rate—would be in its charge. Each country could use taxes and public spending to offset temporary falls in demand, but it would have to borrow rather than print money to finance its budget deficit." The author admitted: "This means a big loss of economic sovereignty, but the trends that make the phoenix so appealing are taking that sovereignty away in any case. Even in a world of more-or-less floating exchange rates, individual governments have seen their policy independence checked by an unfriendly outside world."

The article concluded: "The

phoenix would probably start as a cocktail of national currencies, just as the Special Drawing Right is today. In time, though, its value against national currencies would cease to matter, because people would choose it for its convenience and the stability of its purchasing power." The last sentence stated: "Pencil in the phoenix for around 2018, and welcome it when it comes."

Recommendations for a Global Currency

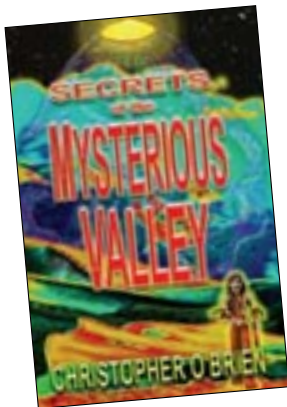
In 1998, IMF *Survey* discussed a speech given by James Tobin, a prominent American economist, in which he argued that "[a] single global currency might offer a viable alternative to the floating rate". He further stated that there was "still a great need...for lenders of last resort".³⁵

In 1999, economist Judy Shelton addressed the US House of

Representatives Committee on Banking and Financial Services. In her testimony,³⁶ she stated: "The continued expansion of free trade, the increased integration of financial markets and the advent of electronic commerce are all working to bring about the need for an international monetary standard—a global unit of account."

Shelton explained: "Regional currency unions seem to be the next step in the evolution toward some kind of global monetary order. Europe has already adopted a single currency. Asia may organize into a regional currency bloc to offer protection against speculative assaults on the individual currencies of weaker nations. Numerous countries in Latin America are considering various monetary arrangements to insulate them from financial contagion and avoid the economic consequences of devaluation."

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The Cosmic War



THE COSMIC WAR Interplanetary Warfare, Modern Physics and Ancient Texts

by Joseph P. Farrell

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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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The Financial New World Order

"An important question is whether this process of monetary evolution will be intelligently directed or whether it will simply be driven by events. In my opinion, political leadership can play a decisive role in helping to build a more orderly, rational monetary system than the current free-for-all approach to exchange rate relations."

She further stated: "As we have seen in Europe, the sequence of development is (1) you build a common market, and (2) you establish a common currency. Indeed, until you have a common currency, you don't truly have an efficient common market."

Shelton concluded by stating: "Ideally, every nation should stand willing to convert its currency at a fixed rate into a universal reserve asset."

"That would automatically create a global monetary union based on a common unit of account. The

alternative path to a stable monetary order is to forge a common currency anchored to an asset of intrinsic value. While the current momentum for dollarization should be encouraged, especially for Mexico and Canada, in the end the stability of the global monetary order should not rest on any single nation."

Paul Volcker, former Governor of the Federal Reserve Board in the USA, said in January 2000: "If we are to have a truly global economy, a single world currency makes sense." He was quoted in a speech delivered on 18 September 2000 by Sirkka Hämäläinen, a member of the Executive Board of the European Central Bank. She stated: "He might be right, and we might one day have a single world currency. Maybe European integration, in the same way as any other regional integration, could be seen as a step towards the ideal situation of a fully

integrated world. If and when this world will see the light of day is impossible to say. However, what I can say is that this vision seems as impossible now to most of us as a European monetary union seemed 50 years ago, when the process of European integration started."³⁷

In November 2000, the IMF held an international conference and published a brief report titled "One World, One Currency: Destination or Delusion?",³⁸ in which it was stated: "As perceptions grow that the world is gradually segmenting into a few regional currency blocs, the logical extension of such a trend also emerges as a theoretical possibility: a single world currency. If so many countries see benefits from currency integration, would a world currency not maximize these benefits?"

According to the report: "The

Continued on page 84

The Elixir of Eternal Life



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by Maria Szepes

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Continued from page 83

dollar bloc, already underpinned by the strength of the US economy, has been extended further by dollarization and regional free trade pacts.

"The euro bloc represents an economic union that is intended to become a full political union likely to expand into Central and Eastern Europe. A yen bloc may emerge from current proposals for Asian monetary cooperation. A currency union may emerge among Mercosur members in Latin America, a geographical currency zone already exists around the South African rand, and a merger of the Australian and New Zealand dollars is a perennial topic in Oceania."

The report continued: "The same commercial efficiencies, economies of scale, and physical imperatives that drive *regional* currencies together also presumably exist on

the next level—the *global* scale... The smaller and more vulnerable economies of the world—those that the international community is now trying hardest to help—would have most to gain from the certainty and stability that would accompany a single world currency."

Keep in mind that this document was produced by the IMF, and so its recommendations for what it says would likely "help" the smaller and more vulnerable countries of the world should be taken with a grain—or bucket—of salt.

Economist Robert A. Mundell has long called for a global currency. On his website, he states that the creation of a global currency is "a project that would restore a needed coherence to the international monetary system, give the International Monetary Fund a function that would help it to promote stability, and be a catalyst for international harmony". He says:

"The benefits from a world currency would be enormous. Prices all over the world would be denominated in the same unit and would be kept equal in different parts of the world to the extent that the law of one price was allowed to work itself out. Apart from tariffs and controls, trade between countries would be as easy as it is between states of the United States."³⁹

Continued next edition...

About the Author:

Andrew G. Marshall is a Research Associate of the Centre for Research on Globalization (CRG). 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 Andrew Marshall's article. To view these, go to original article posted at the web page <http://tinyurl.com/d7zutg>.

Hitler's Secret Weapons



Hitler's Suppressed and Still-Secret Weapons, Science and Technology

by Henry Stevens

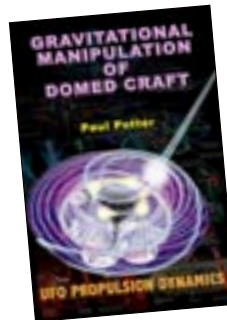
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Now we know what spooked the Allies in the closing months of the war and why they were in such a panic to win quickly. The Allies assembled intelligence reports of supermetals, electric guns, and ray weapons able to stop the engines of Allied aircraft in addition to their worst fears of x-ray and laser weaponry. Then there were the bombs. Contained in this book are reports of structured bombs of nipolit, N-stuff bombs, cold bombs, oxygen bombs which destroyed all life, atomic bombs and rumors of the mysterious molecular bomb. The true history of the fuel-air bomb is revealed by our own military. There is even a probability that the SS black alchemists of the 3rd Reich were experimenting with red mercury bomb technology.

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UFO Propulsion Dynamics



Gravitational Manipulation of Dome Craft

by Paul Potter

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This book introduces a brand new field of scientific research based upon analysis of artifacts retrieved from crashed and damaged UFOs that have come down in Russia and America. For the first time, it reveals the scientific principles behind UFO propulsion dynamics, and shows that these principles are known and recognized by today's physicists. Potter's analyses of these UFO mechanisms are substantiated with references to a broad array of over 300 research papers published in scientific journals! Potter correlates many of the phenomena observed firsthand by close encounter witnesses and abductees and pinpoints the common themes reported, categorizing them according to known physical principles. He produces a comprehensive orchestration of energy dynamics used inside and around UFOs.

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