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NEXUS MAGAZINE

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STATEMENT OF PURPOSE

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Editorial

I've just heard the Chairman of the Federal Reserve, Ben Shalom Bernanke, declare that the US recession is over. I wonder how the one in nine Americans who exist on food stamps feel about that, or the 11,500 Americans per day receiving foreclosure actions upon their properties? I wonder how many Americans even realise that the Federal Deposit Insurance Corporation (FDIC) has closed down 107 banks (with all their branches) since 1 September last year? Meanwhile, schools and hospitals suffer from a critical lack of funding as America continues to spend more money on its military might than every other country in the world combined. And since 9/11, Americans have lost nearly all of their civil liberties and the nation has become a de facto police state.

America is not alone in this Orwellian race. Many readers might be surprised to learn that many so-called Third World countries are way ahead in introducing compulsory ID cards and systems. You can thank a lot of the conditions imposed as a result of IMF and World Bank loans for this. Even India is about to implement a compulsory biometric ID system for its billion citizens. Here in Australia, we proudly pat ourselves on the back for defeating the Australia Card in 1987, but, meanwhile, the growing integration of health, electoral, taxation, driving and insurance records ensures we are just as ID'd as everyone else in the world. Our article in this edition shows just how many countries are marching towards compulsory biometric ID systems, with little or no protest from uninformed citizens.

Cancer clusters seem to be popping up more and more in the news, and are the subject of another article in this edition. Predictably, the experts rush in and pronounce there is no clear evidence linking anything to the cancer cases. But are they looking in the right places? The subject of dirty electricity is one I would like to see brought to the attention of more regulatory bodies and politicians. You also might want to check out your own workplaces and homes in case you are unwittingly being exposed.

On a completely different topic is the article linking the assassination of JFK with the issue of UFO secrecy. Of all the motives for the inside-job killing of JFK, this deserves serious attention. My own research leads me to conclude that JFK was indeed exposed to the reality of "the visitors" and was shocked beyond comprehension. Further, I believe that JFK then decided to tackle the real but hidden power structure of America in order to liberate the technology derived from these visitors. His head-on attack on the Federal Reserve was the last straw: he had to be assassinated to stop him and send a reminder to other world leaders about who was/is boss. The real culprits got away with it.

Science News this edition is about the mysterious changes in our Sun. Not only are there very few sunspots, but the ones we are seeing are much "weaker" than normal. The last time this happened, the world was plunged into a sudden and dramatic mini-ice age where crops failed, animals froze to death, rivers and seas froze solid, and life was miserable for a century or two.

On a parting note, I want to compliment whoever or whatever is behind those amazing crop circles. The formations that appeared in the fields of England this summer were just stunning. I suggest that, after you read our annual coverage, you visit www.cropcircleconnector.com for a complete overview of the range and complexity of this year's wonders.

Duncan

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Letters to the Editor ...

HAARP Transmissions

Dear Duncan: I have developed a unique sensor for the detection of ULF (ultra low frequency) magnetic pulses of changing polarity, spanning a restricted range from less than 1 Hz per minute to an upper limit of 10 Hz per second. I designed this system to monitor magnetic energies from the Sun's corona, such as solar flares and solar X-ray events.

This device has also given me the opportunity to observe the effects that the Moon has on the Earth's magnetic field.

On 26 November 2006, I recorded a continuous train of strange square-wave pulses—pulses never recorded by me previously. On closer inspection, these pulses were unlike any that I have ever seen and were quite complex. These pulses ceased on 4 December 2006.

Because I am 180 degrees from the HAARP (High-frequency Active Auroral Research Program) complex in Alaska, I decided to check their magnetometer readings. On the same day as my equipment was recording these events, these pulses were being transmitted from the HAARP complex and were being recorded only by the Anchorage magnetometer instruments located in Alaska. I believe these pulses were transmitted directly into the ground.

I have the original copies of these events, which is just as well for me because early this year the HAARP crew blotted out these pulses with solid blue colour, totally obscuring them from public

viewing on the net. They took this action three years after the first records were archived—a bit late?

Whilst I was checking through their archives, I then discovered something that I wish I hadn't. HAARP has been transmitting high-power random pulses of energy, presumably into the ionosphere, and, further, these energies were being transmitted uninterrupted, 24 hours a day—continuously for three years!

There is something strange about the Moon's influence on the Earth's magnetic field. As far as we know, the Moon's presence has a strong gravitational influence on the water in our oceans; however, my sensor indicates that the Moon's presence acts as a modifying influence on the Earth's background magnetic field.

Because the sensor only responds to slow-changing magnetic fields, this begs the question: does the Moon's gravity strongly influence the Earth's magnetic field...or is there an unknown component radiating from the Moon which we are not aware of? Either way, it has to be of a magnetic nature.

Director, WARO (Western Australian Radio Observatory), Chittering, WA, Australia

Targeted by "the Club"

Dear Duncan: I wish to bring to your attention the plight of Martin Armstrong, the founder of Princeton Economics, who has been in jail without charge in the USA since 2002.

I have been following Martin Armstrong's research

for many years, and being a commodity analyst myself I have a great interest in his work.

Martin was targeted by "the club" when he refused to hand over his "model" to the CIA and work with the large investment banks in the US. At the time, Martin was using his model to predict long-term cycles in financial markets and he was often used by central banks and corporations as an adviser (for no fee).

Martin's recent writings give a fascinating insight into the cause of financial meltdowns and the effects of debt and government interference on financial markets.

To quote Martin in one of his recently published articles: "The United States has been infiltrated by the New York Investment Bank Club so profoundly, they are destroying democracy and ensuring the US will lose its status of the concentration of global capital."

I impress upon everyone to look up Martin's recent articles published on the web (see <http://princeton.economics.blogspot.com/>) and help bring attention to his unjust imprisonment.

Regards,
Mike N., USA

Aerotoxic Syndrome

Dear Editor: Aerotoxic Syndrome was first identified in 1999 by US, French and Australian scientists. It describes the serious ill health brought about by breathing neurotoxic oil fumes in the confines of any jet aircraft cabin. It affects air crew and passengers, and has come to light recently in

the US due to two court cases against Boeing.

I founded and run the Aerotoxic Association (www.aerotoxic.org) and wondered if it would be possible to feature an article on this serious subject in NEXUS.

This unlikely, little-known route of exposure is reckoned to expose 196,000 UK passengers a year to neurotoxins (University College London, 2006).

Yours sincerely,
John Hoyte, UK,
john@aerotoxic.org
[Dear John: Yes, I'm interested, and, yes, I'll run any article you send in the first available issue. Ed.]

Great Pyramid Mysteries

Dear Duncan: Thanks for a great read each issue. It has me following up information on the web after reading your very informative articles.

Last issue, the article by Philip Coppens on Egypt and the cover-ups hits the nail on the head.

I am a psychic and have a very strong interest in our prehistory and the truth around our planet's development. Every time I see Hawass on TV, my psychic side goes into overload. I don't trust him. He is hiding so much to suppress the truth that they've found within Egypt that would guide us into a better understanding of our past. This understanding, if known, would help better guide us to our future.

Also, I came across a self-published book by David H. Lewis, published by TGS in Texas, available from www.hiddenmysteries.com. It's titled *Mysteries of the*

... more Letters to the Editor

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

Pyramid. In it, he talks of his discovery of a secret stairway within the Great Pyramid of Giza that is opened by the use of sound waves. The opening is near the top of the pyramid on the south wall.

The passage leads through the entire structure into a hidden chamber beneath the Pyramid: the Chamber of Knowledge. He gives drawings and enough information to get you interested. Of course, no one can get near enough these days to find out if it is true. He describes what he finds inside, including drawings.

This can be labelled as a fabrication, a fantasy, but my other side tells me there is more to this story.

Keep up the good work. The truth will come out soon.

Garry J., Tasmania, Australia

[*Thanks, Garry. I also have that book, and it is not very well known. I urge people to read it, as it outlines in great detail the discovery and the team subsequently going through the opening and into many other secret chambers. I would love to know the opinion of other readers. Every time I mention it to people, they have never heard of this book. So, thanks for bringing attention to it. Ed.*]

Choosing Our Illnesses?

Dear Editor: Your excellent magazine has featured several articles on the possible causes of cancer, including fungi, bacteria, bad diets including too much sugar (cancer loves sugar, it is said), red meats and dairy products.

Then again, "German New

Medicine" would claim that all cancer patients have recently had a major trauma in their lives; and according to some "new agers", a cancer sufferer has "clearly thought wrong thoughts and brought their illness on themselves".

It almost goes without saying that many in the "medical industry" appear to have no interest in causes or cures, just money-making treatments. And it could well be that the fear that doctors often instil in people along with their cancer diagnosis might just be what actually kills them.

But none of the suggested "adult" causes for cancer seems to explain how a child under five, or even in some cases the age of one, can contract a brain tumour.

For that matter, what "wrong thoughts" or bad diet caused the death of a baby in the Victorian bushfires, or Gerrard Gosens, the Paralympian and recent inspirational dancing show star, to be born blind?

Do the books of Dr Michael Newton, Carol Bowman, Dr Brian Weiss and many others have the answer? (The latter's first son died tragically young, and later, it seems, communicated why.) These books are largely about the still controversial topic of reincarnation. They suggest, however, that we choose our illnesses and other major life events in the "spirit world" before we come here, presumably to learn some lesson or other.

This "way out" idea seems to me to make a lot of sense, as it appears virtually impossible to work out just exactly what it is in this

world that causes cancer and many other illnesses.

The advice of "experts" is often so contradictory, and so obviously not applicable to everybody, that anybody who is ill often doesn't know where to turn, except to (often toxic) conventional medicine.

There are "miraculous" cures, of course, but are these ever studied? Were they chosen before birth as well?

Whatever the case, I can at least recommend the above books. They are beautiful and very thought-provoking. And, on a lighter note, Dr Brian Weiss *must* be noteworthy. He has been on the *Oprah* show!

David C., NSW, Australia

Compulsory Vaccinations

Hi, Duncan: As so many of your letter-writers say, I too have been a faithful reader of NEXUS over many, many years. Thank you so much for publishing what the mainstream media don't allow so as to keep mankind blinkered and enslaved.

It also greatly concerns me that the Big Brother concept is escalating, whereby we become so overregulated that freedom is a moot point and that, slowly but surely, we have no rights left to exert our free will and free choice.

I read your editorial in vol. 16, no. 5 regarding the push to make vaccinations compulsory. A friend once suggested lying to avoid this pressure. After all, why can't we live our truth and, also, why do we even have to defend our right to say no? So, simply tell them what they want to hear, rather

than defending our right to have the choice.

With our computer age, we can make up bogus vaccination cards that say we already have "that" shot. If this makes those poor deluded souls who think they are doing the right thing for us by "knowing better" satisfied, well, then we are doing the right thing.

Cheers,
Herman, Australia

Swine Flu Mass Vaccination

Dear Editor: Please take a look at this video. It is important that people know what is planned to get everyone vaccinated with the swine flu vaccine! Project Camelot interviews Jane Burgermeister. See video at www.youtube.com/watch?v=PeITWCUmTsU.

A worried reader.

Transformed by Angels

Dear Editor: Few people, we're told, believe in angels nowadays. Yet I've come across quite a few people who claim to have met them.

I need examples of angelic intervention for a book I'm writing at the moment about how people's luck, health and fortunes can be transformed by angels.

I wondered if you would be kind enough to publish this letter, so that any of your readers who have met angels, especially ones that have transformed their lives, could get in contact with me. Please email me at Markuswolfson2@aol.com, or write to me at: Markus Wolfson, 1 Samels Court, South Black Lion Lane, London W6 9TL, UK.

Yours truly,
Markus Wolfson, UK

CAVE COMPLEX FOUND UNDER GIZA PYRAMIDS

An enormous system of caves, chambers and tunnels lies hidden beneath the Pyramids of Giza, according to British explorer Andrew Collins who claims to have found the lost underworld of the pharaohs.

Collins, who will detail his findings in the book *Beneath the Pyramids*, to be published in September, tracked down the entrance to the mysterious underworld after reading the forgotten memoirs of a 19th-century diplomat and explorer.

"In his memoirs, British Consul-General Henry Salt recounts how he investigated an underground system of 'catacombs' at Giza in 1817 in the company of Italian explorer Giovanni Caviglia," Collins said.

The document records that the two explored the caves for a distance of "several hundred yards", coming upon four large chambers from which stretched further cave passageways.

With the help of British



Egyptologist Nigel Skinner-Simpson, Collins reconstructed Salt's exploration on the plateau, eventually locating the entrance to the lost catacombs in an apparently unrecorded tomb west of the Great Pyramid. Indeed, the tomb featured a crack in the rock, which led into a massive natural cave.

According to Collins, the caves—which are tens of thousands, if not hundreds of thousands of years old—may have inspired both the

development of the pyramid field and the ancient Egyptians' belief in an underworld.

Collins's claim is expected to cause a stir in the Egyptological world. Dr Zahi Hawass, chief of Egypt's Supreme Council of Antiquities, has dismissed the discovery.

"There are no new discoveries to be made at Giza. We know everything about the plateau," he stated.

But Collins remarks that after extensive research, he found no mention of the caves in modern times.

(Source: *Discovery News*, 13 August 2009, <http://tinyurl.com/ovf5cx>; see also www.andrewcollins.com)

TAMOXIFEN INCREASES RISK OF RARE TUMOUR BY 440%

Breast cancer patients given tamoxifen are more than four times more likely to develop a more aggressive tumour than those not prescribed the drug, scientists have warned.

A study of over 1,000 patients found that the oestrogen-blocking drug reduced the risk of the most common, easy-to-treat cancer recurring by 60 per cent.

But the chances of a rarer type not sensitive to the female hormone appearing in the opposite breast increased by an alarming 440 per cent. These are known as ER negative tumours, as opposed to ER positive, and are much more dangerous as there are no drugs that specifically target them.

Dr Christopher Li, of the Fred Hutchinson Cancer Research Center in Seattle, USA, said: "This is of concern, given the poorer prognosis of ER-negative tumours, which are also more difficult to treat."

(Source: *Daily Mail Online*, London, 26 August 2009)



... GLOBAL NEWS ...

DR DAVID KELLY AND THE DEAD MICROBIOLOGISTS

It was six years ago, on 17 July 2003, that Dr David Kelly was found dead under a tree on Harrowdown Hill, half a mile from his family home in Southmoor, UK. The questions of why and how he died—and if he was murdered—have never gone away.

Dr Kelly had examined the UK government's "sexed-up dossier" which declared that Saddam Hussein had weapons of mass destruction that could be activated in just 45 minutes. The claim was used by then Prime Minister Tony Blair in 2002 as the central justification for the Iraq war.

When Dr Kelly secretly revealed his doubts about the dossier to BBC reporters, all hell broke loose.

After he was unmasked as the BBC mole, he was marched before the television cameras of a House of Commons committee and, later, taken away to a safe house to be interviewed by the British intelligence services.

In one final phone conversation, he told a caller he wouldn't be surprised if his body was found in the woods. And so it was to be. The official inquiry into his death later decided that he'd committed suicide—by slashing his wrist and consuming a cocktail of painkillers. (This verdict is now being challenged by a growing number of medical specialists who claim it was physically impossible for him to have died in the manner claimed.)

But it has now come to light that there may be another compelling reason why Dr Kelly might have been murdered.

A new film, *Anthrax War*, asserts that Dr Kelly, as head of biological defence at the government's secretive military research establishment of Porton Down, Wiltshire, was the brain behind much of the West's germ warfare programs.

The film alleges he may have been involved in apartheid South Africa's *Project Coast* program to develop a germ weapon to target the black population.

The film's director, Bob Coen, says that Dr Kelly had links to illegal human experiments on British servicemen at Porton Down, which sparked the largest ever investigation by Wiltshire Police.

Whatever the veracity of all this, the film's central thrust—that Dr Kelly was deeply unhappy about his work and was writing a sensational tell-all book—has been confirmed by Gordon Thomas, a British intelligence expert who had met Dr Kelly.

Dr Kelly was linked to the intelligence services MI5 and MI6, Government Communications Headquarters (GCHQ), the Ministry of Defence (MoD), the Foreign Office and foreign spy agencies—including Israel's Mossad (for whom he had worked since 1995 as an adviser, with the blessing of Whitehall).

From all around the globe, Dr Kelly was consulted on biological weaponry, in particular the use of anthrax.

Amazingly, 12 other well-respected microbiologists, all known to Dr

Kelly and all linked with germ warfare research, have died mysteriously in the past decade, including five Russians investigating claims that the Israelis were working on viruses to target only Arabs.

The most mysterious death of them all was that of Dr Vladimir Pasechnik, a Soviet defector whom Dr Kelly knew well.

It is against this extraordinary background of highly suspicious deaths that Dr Kelly's own death occurred.

(Source: Daily Mail, London, 27 July 2009, <http://tinyurl.com/m3cjqn>)

EUROPEAN COURT RULING MAY END FLUORIDATION

Fluoridated water must be treated as a medicine and cannot be used to prepare foods! That is the decision of the European Court of Justice, in a landmark case dealing with the classification and regulation of "functional drinks" in member states of the European Community (EC) (see HLH Warenvertriebs and Orthica [Joined Cases C-211/03, C-299/03, C-316/03 and C-318/03], 9 June 2005).

But the ruling also has an equally profound implication for the export trade in processed foods and drinks.



... GLOBAL NEWS ...

The Court stated that even if a functional food product (or a food containing it) is legally marketed as a food in one member state, it cannot be exported to any other member state unless it has a medicinal licence.

So any company making a consumable product using fluoridated water in its preparation or as an ingredient cannot now export that product to any other state in the EC, even if their product is permitted in their home state.

The economic implications are enormous. Not only does the ruling ban the use of fluoridated water for all retail catering and wholesale food processing in the UK and Ireland, it also prohibits such trade from these states to other member states of the EC.

But it goes much further than even this, because if British and Irish processed foods from fluoridated areas cannot be exported to the EC, this prohibition must also apply to the importing of such products into EC member states from any other country that practises water fluoridation.

The decision effectively bans all processed food products from countries such as the USA, Australia

and New Zealand, unless they can be positively proved to have been prepared using only water that was not fluoridated.

(Source: *UK Councils Against Fluoridation*, 10 May 2009, <http://www.ukcaf.org>, <http://tinyurl.com/mgcuw9>)

PFIZER FINED \$2.3 BILLION FOR DRUG SAFETY FRAUD

Drugs giant Pfizer has been ordered to pay US\$2.3 billion for making false claims about four prescription medications.

The payout—comprising a \$1.3 billion criminal fine and a \$1 billion civil fine—includes \$102 million to be divided between 11 whistleblowers. All thought to be former employees, they became so concerned that the company was asking them to break the law and mis-sell the drugs—Bextra, Geodon, Zyvox and Lyrica—that they reported it to the authorities.

Mike Loucks, the acting US Attorney for the District of Massachusetts, who led the criminal investigation of Bextra, said he hoped that the case would send a powerful message to corporate America that "blatant and continued disregard of the law" would not be tolerated.

To promote its drugs, Pfizer invited doctors to consultant meetings at resort locations, paying their expenses and providing perks. "They were entertained with golf, massages and other activities," Mr Loucks said.

Last October, Pfizer agreed to pay \$894 million to settle thousands of personal injury claims relating to Bextra and Celebrex, the arthritis treatment that is another of its drugs.

(Source: *The Times, London*, 3 September 2009, <http://tinyurl.com/mbzfkf5>)

SEED COMPANIES' GRIP ON GM CROP RESEARCH

Scientists must ask corporations for permission before publishing independent research on genetically modified (GM) crops.

Unfortunately, it is impossible to verify that GM crops perform as advertised. That is because agritech companies have given themselves veto power over the work of independent researchers.

To purchase GM seeds, a customer must sign an agreement that limits what can be done with them.

Agreements are considered necessary to protect a company's intellectual property and they justifiably preclude the replication of the genetic enhancements that make the seeds unique.

But agritech companies such as Monsanto, Pioneer and Syngenta go further. For a decade, their user agreements have explicitly forbidden the use of the seeds for any independent research. Under the threat of litigation, scientists cannot test a seed to explore the different conditions under which it thrives or fails. They cannot compare seeds from one company against those from another company. And perhaps most importantly, they cannot examine whether the GM crops lead to unintended environmental or biological side effects.



... GLOBAL NEWS ...

Research on genetically modified seeds is still published, of course, but only studies that the seed companies have approved ever see the light of a peer-reviewed journal. In a number of cases, experiments that had the implicit go-ahead from the seed company were later blocked from publication because the results were not flattering.

(Source: Scientific American, August 2009, <http://tinyurl.com/mkkw43>)

BELUGA WHALE SAVES STRUGGLING DIVER

A drowning diver has a Beluga whale to thank for helping to save her life after her legs were paralysed by cramps.

Yang Yun was taking part in a free-diving contest at Polar Land in Harbin, northeastern China, in which participants were required to sink seven metres to the bottom of a pool and stay there for as long as possible without the aid of breathing equipment.

Ms Yun, 26, thought she was going to die amid the Beluga whales she shared the Arctic pool with, after struggling to move her legs while trying to kick her way to the surface.

"I began to choke and sank even lower and I thought that was it for me, I was dead," she told journalists. "Until I felt this incredible force under me, driving me to the surface."

That "incredible force" was Mila, a Beluga whale that had noticed her distress and clamped its jaws around her leg.

Using her sensitive nose, Mila drove Ms Yun carefully to the surface, to the amazement of onlookers and an underwater photographer who captured the entire incident on film.

"Mila noticed the problem before we did," one organiser said. "She's a sensitive animal who works closely with humans and I think this girl owes her her life."

(Source: Herald Sun, Melbourne, 30 July 2009, <http://tinyurl.com/oxe4dw>)

MONSANTO'S MAN IN THE OBAMA ADMINISTRATION

Michael R. Taylor's appointment by the Obama administration to the US Food and Drug Administration (FDA) on 7 July sparked immediate debate and even outrage among many food and agriculture researchers, NGOs and activists. The Vice President for Public Policy at the Monsanto Company from 1998 until 2001, Taylor exemplifies the revolving door between the food industry and the government agencies that regulate it. He is reviled for shaping and implementing the government's agricultural biotechnology policies during the Clinton administration.

Yet what has slipped under everyone's radar screen is Taylor's involvement in setting US policy on agricultural assistance in Africa. In collusion with the Rockefeller and Bill and Melinda Gates foundations, Taylor is once again the go-between man for Monsanto and the US government, this time with the goal to open up African markets for genetically modified (GM) seed and agrochemicals. Taylor's re-appointment to the FDA came just after Obama and the other G8 leaders pledged US\$20 billion to fight hunger in Africa over the next three years.

In the late 1970s, Taylor was an attorney for the US Department of Agriculture, then in the 1980s a private lawyer at DC law firm King & Spalding, where he represented Monsanto. When Taylor returned to government as Deputy Commissioner for Policy for the FDA from 1991 to 1994, the agency approved the use of Monsanto's GM growth hormone for dairy cows, without the milk having to be labelled (this hormone is now found in most US milk). His role in these decisions led to a federal investigation, though eventually he was exonerated of all conflict-of-interest charges.

Some estimate that Monsanto controls 90% of the global market for GM seeds. In Brazil, 54% of all soybeans are produced with Monsanto's GM Roundup Ready® seeds, and in 2008 the country began spraying more pesticides and herbicides than does the US. There is evidence that in 2003, Monsanto sold a Brazilian senator a farm for one-third of its market value in exchange for his help to legalise the herbicide glyphosate (the world's most widely used herbicide), sold by the corporation as Roundup®. In 2008, Monsanto controlled 80% of the Brazilian market for glyphosate, having elevated the price by 50% since its legalisation.

Glyphosate is an endocrine disruptor. In March 2009, Dr Gilles-Eric Seralini, a molecular biologist at the University of Caen, France, published the results of a study which found that Roundup causes cells to die in human embryos. "Even in doses diluted a thousand times, the herbicide could cause malformations, miscarriages, hormonal problems, reproductive problems, and different types of cancers," said Dr Seralini.

In May, the American Academy of Environmental Medicine called for a moratorium on GM foods: "...several animal studies indicate serious health risks associated with GM food consumption including infertility, immune dysregulation, accelerated aging, dysregulation of genes associated with cholesterol synthesis, insulin regulation, cell signaling and protein formation, and changes in the liver, kidney, spleen and gastrointestinal system".

According to a study published by the Union of Concerned Scientists this year, GM seeds do not produce higher yields than conventional seeds. Yet they pose serious ecological risks, especially from genetic contamination from pollen. In the US, it is becoming impossible for the organic food industry to certify non-GM foods, due to contamination by GM pollen.

(Source: By Isabella Kenfield, CounterPunch, 14 August 2009, <http://www.counterpunch.org/kenfield08142009.html>)

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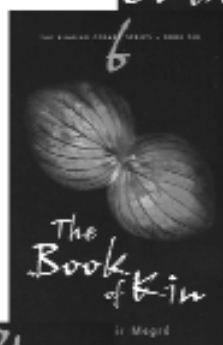
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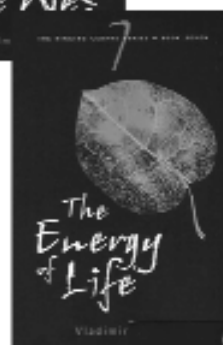
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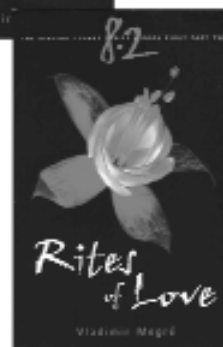


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IDENTITY CARDS A GLOBAL PERSPECTIVE

High-tech ID systems, incorporating smart cards, biometrics and radio-frequencies and connected to mega-databases to track our every movement, are being introduced simultaneously worldwide. Is this a coincidence?

by **Nathan Allonby**
© Global Research
31 August 2009

Centre for Research on
Globalization
Montreal, Canada
Website: www.globalresearch.ca

Electronic identity (ID) cards have made alarming progress towards becoming universal around the world. Already, over 2.2 billion people, or 33 per cent of the world's population, have been issued with "smart" ID cards. Of those cards, over 900 million have biometric facial and fingerprint systems. On present plans, over 85 per cent of the world's population will have smart ID cards by 2012. Most of the remaining population won't have escaped: largely, they are already enrolled in earlier-generation ID systems, often in repressive states such as Myanmar (Burma).

Understandably, campaigns against the introduction of ID cards have tended to play up the problems with ID systems, presenting them as being unworkable and creating unmanageable problems with privacy invasion, fraud, unauthorised database access, organised crime, unreliability of biometric recognition, etc. As a result, a substantial number of people believe mandatory ID cards "just won't happen".

It's long past time to stop burying our heads in the sand. There are no obstacles to the worldwide introduction of mandatory electronic ID cards.

All those problems with ID systems may be real, but they are not enough to stop implementation, primarily because these are problems that will affect people as individuals, not their governments—our problem, not theirs. There has been hardly any meaningful debate about one of the biggest issues of our time.

It's also time to look at what ID systems are really intended to do, not at the public justification for them. Since governments probably always knew that ID cards wouldn't stop terrorism, organised crime, ID theft, fraud, etc., there has to be some other reason for their introduction—and it appears to be a reason that governments don't want to own up to in public.

A Coordinated International ID Agenda?

Perhaps we can learn more if we look at what is going on around the world. Interestingly, nobody seems to have published a comprehensive or reliable survey of worldwide ID schemes, so a survey had to be compiled for this article [see tables in author's original posting; Ed.].

What stands out from this survey, incomplete as it may be, is that advanced electronic ID card systems are coming to some of the poorest nations in the world, some in chaos, civil war and starvation, both small and large countries. They are coming to nations with vastly divergent cultures, to nations that are almost completely pre-industrialised and underdeveloped, and coming first to almost all Islamic nations. The few that will not have advanced electronic population registration will be in a tiny minority. This is all to happen by the end of 2012. For example, on 25 June 2009, India announced it is pressing ahead with the introduction of universal biometric ID cards, to be completed by 2011—to register nearly 1.2 billion people within just 18 months.

However, there are grey areas. For example, in some states, such as Mozambique and Zambia, there are biometric ID cards for voter registration which aren't officially national ID cards but nonetheless have registered the population.

"Election cards" tend to become national ID cards immediately after an election, as in Haiti. (How did introducing ID cards get linked to "bringing in democracy"?) The USA would probably be in the grey area due to the uncertainty (deliberately not clarified) about the Real ID Act, Canada due to proposals for biometric "enhanced drivers licenses", and Australia due to the uncertain status of the Access Card. Any uncertainty gets put into perspective by the "big picture": ID cards are coming, almost everywhere.

The simultaneous introduction of very similar ID card systems in so many nations seems more than a coincidence. If it were purely a matter of nations taking their own initiative to upgrade systems, this would happen over a longer timetable as nations periodically updated systems once every couple of decades. Does this timetable indicate unseen international pressure applied to nations to adopt ID cards?

In the process of researching the list, something interesting came out. The plans to introduce a national ID card

system in Uganda were announced in a memorandum of understanding, dated 20 June 2008, sent to the International Monetary Fund (IMF).

The impression is that the IMF was involved in the decision long before the people of Uganda were consulted about their national ID card scheme.

Has the IMF required nations to adopt biometric ID cards, on the pretext of instigating financial regulation and preventing fraud and money laundering?

Again and again, in the public description of the alleged benefits of biometric ID systems, the reasons given include the benefit to the banking system, in preventing fraud, and allowing the poor to have access to the banking system.

Several nations (e.g., India) have mentioned the need to confirm that aid gets to the intended recipients and is not lost in fraud—again, something which a body such as the IMF might see as a justifiable reason to promote or require biometric ID, but other people would see as a mere pretext for "policy laundering".

In a different example of western promotion, the European Union (EU) has financially sponsored the introduction of biometric ID cards in the Democratic Republic of Congo, allegedly to help promote peace by tracking down ex-soldiers and ex-fighters. A similar

logic has been applied to a biometric scheme in Somalia.

Grotesquely, biometric ID cards are coming to Rwanda. ID cards were a major tool in the Rwandan genocide. Imagine how much more effective the genocide could have been with a computerised population register and an ID system with biometrics to prevent fraud or evasion. Rwanda's experience is an horrific illustration of how lethal ID cards can be in a nation in civil war, and raises uncomfortable questions about western involvement, as does the situation in Congo.

Policy Harmonisation in the EU, UK and USA

The worldwide introduction of ID cards is merely the visible witness of an invisible process. Policies that profoundly affect our lives and take away our freedoms are worked out in secret international deals.

In July 2005, during its six-month rotation in the Presidency of the EU, the United Kingdom introduced a proposal for biometric ID cards for Europe despite the fact that it had no power to do so under the EU treaties at that time.

Legalities being no obstacle, this subsequently evolved into binding EU policy in the Hague Programme on justice

Has the IMF required nations to adopt biometric ID cards, on the pretext of instigating financial regulation and preventing fraud and money laundering?

and security.

However, policies introducing ID cards, evolved in secret, go far beyond identification and security, as described by Tony Bunyan of Statewatch in an article in the *Guardian* ("The surveillance society is an EU-wide issue", 28 May 2009; includes quotations from Bunyan's Statewatch report, "The Shape of Things to Come"). ID cards are only one tool, enabling a much larger scheme to track and record the life of every individual; Bunyan calls this the "digital tsunami".

'Every object the individual uses, every transaction they make and almost everywhere they go will create a detailed digital record. This will generate a wealth of information for public security organisations', leading to behaviour being predicted and assessed by 'machines' (their term) which will issue orders to officers on the spot. The proposal presages the mass gathering of personal data on travel, bank details, mobile phone locations, health records, internet usage, criminal records however minor, fingerprints and digital pictures that can be data-mined and applied to different scenario[s]—boarding a plane, behaviour on the Tube or taking part in a protest.

But this isn't just coming to Europe, as Bunyan explains, because the USA and Europe will share similar

policies and practices in an agenda of policy harmonisation:

...it is proposed that by 2014 the EU needs to create a 'Euro-Atlantic area of cooperation with the USA in the field of freedom, security and justice'. This would go far beyond current co-operation and mean that policies affecting the liberties and rights of everyone in Europe would not be determined in London or Brussels but in secret EU-US meetings.

Was this a response to 9/11? No, emphatically not. We can say this because some of these schemes have a published history and timeline dating from much earlier, e.g., Taiwan, 1997, and India, 1999. We can trace a continuing pursuit of ID-based databases back to the Australia Card, which was defeated in 1987. We can also say with certainty that EU-US cooperation on security pre-dates 9/11, as does EU development of security databases which have been applied to political protestors.

What Do ID Cards Do?

The new cards are like a high-tech "glue", an interface, joining together all the different state databases and linking their information together. This is the significance of the "multi-functional" identity function of the new cards: one ID number is the key to access all services and also all databases. One card, one number, tracks a person across multiple activities, across their whole life and everything they do—employment, tax, health, everything. When numerous databases are linked together by means of a common interface, in this case ID numbers, they effectively function as a single "meta-database".

In the *Guardian* (30 September 2003), home affairs editor Alan Travis wrote that the "citizen information register" in Britain will "bring together all the existing information held by the government" on its 58 million residents:

It will include their name, address, date of birth, sex, and a unique personal number to form a 'more accurate and transparent' database than existing national insurance, tax, medical, passport, voter and driving licence records...

The decision to give the go-ahead to the national population register without any apparent need for new legislation or any public debate is in sharp contrast to the intense cabinet debate now taking place over the...identity card scheme...

...The scheme is a joint project between the Office of National Statistics and the Treasury...

The idea was developed by the Treasury's public services productivity panel—a group of senior business people and public services managers...

[The Home Office] admitted a national identity card scheme will have to be 'underpinned by a database of all UK residents' and asked for views on whether the citizens information register should be used for this purpose...

The Indian ID scheme is another major example. According to an article in the *Hindu* (26 June 2009):

...the UID [Unique IDentification] numbers and the database will be linked to agencies such as the Election Commission of India and the Income Tax Department, which...issue...voters photo identity cards...

In addition, it will be used for providing services under government schemes such as the public distribution system, and the National Rural Employment Guarantee Scheme for families living below the poverty line...and for delivering financial and other assistance to the needy.

This is the new model for e-government around the world. Historically, this isn't the first time we have seen systems like this. It is very similar in concept to the Nazi ID system, as it finally evolved, with a Reich Personnel Number to link all other databases.

The system of compiling the initial population register from records in existing, earlier databases is, again, very similar to Nazi practice.

Why should this be significant? Why should there be any big deal

about the government collecting together data that it already has?

As reported by Henry Porter in his *Guardian* blog (25 February 2009):

'Once an individual has been assigned a unique index number, it is possible to accurately retrieve data across numerous databases and build a picture of that individual's life that was not authorised in the original consent for data collection,' says Sir David Omand in a report for the Institute for Public Policy Research...

In 2006 Sir David Varney, the head of Transformational Government, predicted that the state would know 'a deep truth about the citizen based on their behaviour, experience, beliefs, needs or desires'.

...one ID number is the key to access all services and also all databases... When numerous databases are linked together by means of a common interface, in this case ID numbers, they effectively function as a single "meta-database".

Loyalty Cards and Data-Gathering

Let's not talk about a police state, let's talk about supermarket loyalty cards. There isn't much difference between them in terms of technology, and modern ID cards seem to be close descendants of loyalty cards, intended for a similar purpose: gathering information about people. To be able to track someone, first you need to identify them.

Corporations want to know as much as they can about their customers, for marketing purposes, and have made an incredible investment in infrastructure for gathering and analysing data about them. By 2004, Wal-Mart had gathered 460 terabytes of information about customers, or more than twice the total information on the Internet.¹ The majority of this data came from loyalty cards.

Governments have adopted electronic ID cards because stores have shown what powerful and effective technology they are—not merely effective, but cost-effective. Stores have demonstrated that they can track and profile their customers to find their spending habits, their weaknesses and their suggestibility, what advertising works on them.

The technology they use not only had to prove it could work, but also had to prove it could pay for itself. If supermarket corporations invest as much as they do, the technology has to be very effective.

Powerful and effective software, such as ChoicePoint and LexisNexis, has been developed for analysing stores' loyalty card data. Now we find some of those systems in use at the FBI to shortlist suspects.²

Governments have realised that this same profiling technology works and can also be applied to finding terrorists, "extremists", political dissidents or any other category of interest to the state. Some of those companies also help in data-gathering.

When the US government obtained personal data about voters in 11 different Latin American states, for unspecified purposes, that data was obtained by private corporations including ChoicePoint.

It has been reported that the majority of US intelligence data-gathering is outsourced and that about 70 per cent of the budget goes to private corporations.

Although the majority of this spending goes to military-defence corporations such as SAIC and Booz Allen Hamilton, consumer corporations also take their

place. So, do we see an evolving symbiosis between government and private corporations, where they share technology and tools and cooperate in data-gathering?

RFID: A Powerful Tracking Technology

One of the tools that has migrated from loyalty cards to ID cards is RFID (radio-frequency ID). It's in the new Chinese ID card and it's going into all the new "smart" ID cards.

RFID is a tracking system, originally developed to track stock in the supply chain and in warehouses. Tiny chips allow a serial number and potential other data to be read from a distance of up to several feet. When an RFID-tagged item passes a reader, its number is recorded.

When RFID readers are connected to a network, it is possible to compile a record of the movements of an object (or person) by listing the times and places when and where the RFID number was recorded.

RFID in loyalty cards allows the cardholder's name and all the personal information on the card to be read from a distance of several feet, without the cardholder's knowledge. Using RFID, stores can read your identity from your loyalty card as soon as you walk in, without your realising. Now we are being issued with government "loyalty cards" which will identify us by RFID.

The stores realised that, by placing readers at various locations, they could use RFID to track customers' movements—to see, for example, the products they looked at but did not buy, in addition to those they did.

Very quickly, the stores also realised that RFID in products

such as clothing items could be used to track the movements of the people who bought them. Unlike bar codes, RFID identifies each item with a unique serial number, differentiating identical items.

The chain stores' huge databases allowed them to keep a tally of which objects had been bought by which customers—putting names to RFID serial numbers. This extra information was very powerful in "profiling" customers; for example, they started to get data about who was standing next to them, and they could guess whether customers shopped alone, with their husbands or wives, or with someone else.

Soon the stores will be able to read the RFID serial number in your national ID card in much the same way, and governments are going to sell ID confirmation to

Soon the stores will be able to read the RFID serial number in your national ID card in much the same way, and governments are going to sell ID confirmation to cross-reference the serial number on your ID card...

cross-reference the serial number on your ID card with your name and address. Stores spend a lot of money acquiring data, so knowing customers' names and addresses with certainty has really got to be worth something. Customers will no longer be able to hide their identities or give false names on loyalty cards.

When Employers Use Profiling

Some corporations already apply psychometric profiling to their staff and potential employees to get a workforce with the "right" profile, the "right" attitudes. Imagine how RFID tracking and profiling could facilitate this, profiling individuals' whole lives.

By enabling ubiquitous tracking and profiling, could ID systems herald a corporate culture of conformity, with enforced redundancy for those who don't fit the right profile?

There have been widespread examples of employers discriminating against individuals on the grounds of political or union affiliations. The UK Information Commissioner's Office found that many very large and respectable companies had engaged in illegal practices to do this.

What would happen if employers used data gleaned from ID systems and social networks analysis to profile staff, to find their friends and associates and any affiliations?

What would it mean to society and political culture if corporate employers could identify and discriminate against political and union activists, making it hard for them to get a job? Would that be compatible with democracy?

Emeritus Professor Sheldon S. Wolin, a political philosopher at Princeton University, USA, has warned of the danger of "inverted totalitarianism", as he calls it, which "lies in wielding total power without appearing to, without establishing concentration camps, or enforcing ideological uniformity, or forcibly suppressing dissident elements so long as they remain ineffectual". Such power, as in the USA, shows "how democracy can be managed without appearing to be suppressed". (Chellis Glendinning, "Every Move You Make", CounterPunch.com, 19 June 2008)

Imagine if the power of the surveillance state were applied to controlling political dissent, especially in an environment of merger between state and corporate power. Imagine dissidents being driven from their jobs or, perhaps more subtly, just denied promotion.

Imagine how detailed files on the psychological weaknesses and vulnerabilities of all individuals, generated by profiling, and records of any past

indiscretions could be used to apply pressure upon opponents to government policy.

Population Surveillance and Social Control

China has become a laboratory for both capitalism and the development of new technologies for surveillance and "homeland security". Naomi Klein has written extensively about this in her book *The Shock Doctrine* (Picador, 2008) and in articles such as "China's All-Seeing Eye" and "The Olympics: Unveiling Police State 2.0" (www.naomiklein.org/articles/2008?page=1).

Some powerful people appear to have decided that capitalism works best in conditions of inequality and injustice. A by-product of this is instability: bitterness and resentment due to the appropriation of land and resources and forcing peasants off the land to become sweatshop workers living in unbearable slums.

This is about the rich getting richer by robbing ordinary people, co-opting the power of the state to do so. This is the reason for the high incidence of riots, "disturbances" and social tension in contemporary China. None of this troubles the West.

What the West has tried to do, however, is guarantee China's stability and help keep a lid on any trouble by providing China with access to the latest surveillance and security technology, to make it a more effective dictatorship.

New technologies that are found to work in the social laboratory of China can be adopted and applied elsewhere.

A good example of this would be facial recognition technology, supplied to China by the US, illegally but with a nod and a wink, to make it easier for the Chinese authorities to identify troublemakers in a crowd or simply follow the movements of people of interest and perhaps identify any people whom they meet and talk with. Recognition systems now can match one face in a million, good enough to find one face in a city. How neatly this dovetails with the database of digital images provided by China's ID system.

RFID also has applications in the state security apparatus. China is issuing hand-held RFID readers to its policemen so they can take people's identities from their ID cards. It has the highest incidence of riots of any country in the world, due to the severe social conditions and inequality.

China has adopted the practice of containing disturbances rather than wading in to break them up; instead of arresting rioters on the spot, the police merely identify them—to arrest one by one at their convenience.

RFID has an obvious application: the identities of everyone in a crowd could be collected by one mingling plain-clothes policeman with an RFID reader.

CCTV and surveillance technologies are used for this identification. RFID has an obvious application: the identities of everyone in a crowd could be collected by one mingling plain-clothes policeman with an RFID reader.

The RFID facility can also be useful to states with mobile populations. India is anticipating the migration of large numbers of the rural population to the cities. It plans to use a combination of RFID and GPS-based Geographical Information Systems (GIF) to automatically record the voter migration or shifting of residence and to automatically update databases such as the electoral register. One can also see how useful this would be to the Chinese authorities, with large numbers of rural peasants migrating to cities, illegally, to work as an untraceable, unstable underclass.

So, is this the model to be applied elsewhere: increasing inequality, increasing slum populations and unrest controlled through security?

Such displacement is a global phenomenon. And yes, the World Bank has an explicit role in promoting this, saying that urbanisation and migration are good and necessary things.

As described in Professor Mike Davis's book *Planet of Slums* (Verso, 2007), a huge part of the world's population lives in slums—a symptom of growing inequality and increasing exploitation. It's a trend that's ramping up.

In the USA, cities are dying, with whole neighbourhoods and in some cases whole districts being bulldozed, their inhabitants dispossessed. The plight of Detroit residents is reminiscent of post-Katrina New Orleans, with private military contractors assuming government powers in Urban Management Zones designated for wholesale clearance. This is the western manifestation of a global pattern. In 2009, the US Census Bureau plans to find even the people who have lost their homes, by employing 140,000 temporary workers to look for hidden and improvised housing units and obtain GPS coordinates for every "front door". A current legal case may make that data available to private sector corporations.

The worldwide implementation of systems for population surveillance and monitoring has to be significant. It doesn't sound like it is part of making the world a kinder, nicer place.

What Can We Do?

We shouldn't close on such a bleak note because it simply isn't true that there is nothing we can do, although we have left it pretty late. We have a good chance if we recognise what's going wrong. We need to:

1. Organise internationally. One campaign group is slightly ahead in this area: CASPIAN (Consumers Against Surveillance, Privacy-Invasion And Numbering). It has an international membership, works closely with other groups in different nations and addresses the bigger picture, including corporate data-gathering and RFID. The author suggests CASPIAN as a good initial hub for contact.

2. Raise awareness, engage the public. It's time to raise this issue at every opportunity to get people thinking about the direction of public policy, to draw their attention to what's going on.

3. Expose the mindset of people implementing this scheme. The aim of ID cards is to create a detailed digital record of everywhere you go, everything you do. The aim of the RFID industry is Total Mobility—continuously tracking the movement of all significant objects and people. What kind of mind and personality would want such a thing?

4. Don't use cards, use cash. It's incredible how much people have willingly cooperated in handing over their personal information, cooperating in the surveillance of their lives. Try not to leave a digital record. Don't let

your card identify you. ∞

It's incredible how much people have willingly cooperated in handing over their personal information, cooperating in the surveillance of their lives.

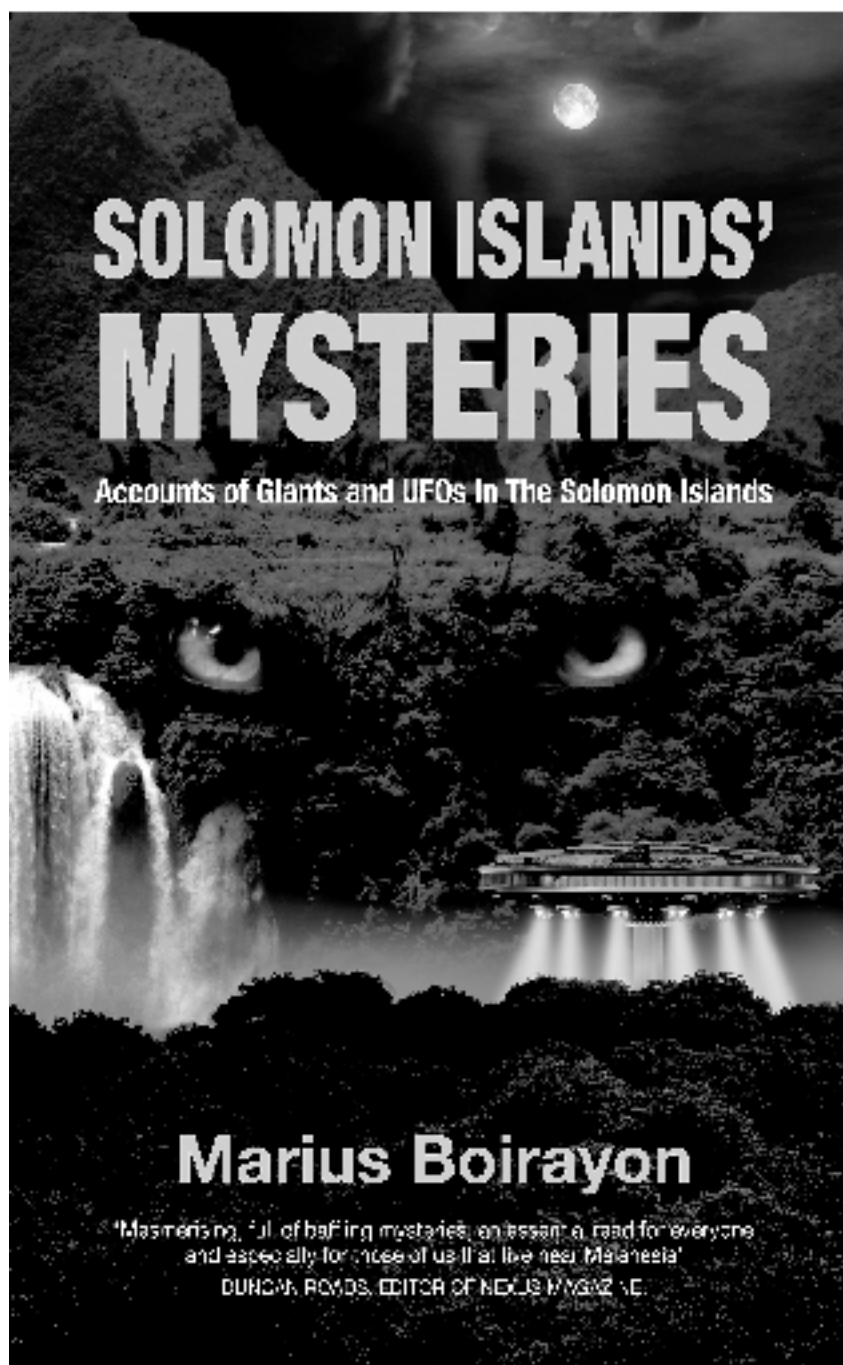
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Editor's Note:

This is an edited version of Nathan Allonby's article "ID Cards – A World View", posted on the Global Research website on 31 August 2009. For the full text, including tables and hyperlinks, go to <http://www.globalresearch.ca/index.php?context=va&aid=14992>.

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- Aluna Joy Yaxkin praising the 13-Moon Diary (2008)

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DIRTY ELECTRICITY AND THE LINK TO CANCER

Scientific and medical evidence is growing that electromagnetic fields as well as "transients" from electrical wiring and appliances are responsible for causing a rise in cancer rates and also cancer clusters in workplaces and schools.

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The Health Hazards of EMFs

History has shown that the western world with its vested interests is slow to inform citizens about toxic agents and help protect them. The "dirty electricity" pandemic is no stranger to inaction, as were the asbestos, lead, acid rain, DDT, PCB and tobacco-smoking public health issues before it. The contention that artificially created electromagnetic fields (EMFs) which emanate from electricity generation can cause cancer has medical and legal experts commenting that EMFs will dwarf the tobacco-smoking issue and the asbestos crisis combined.

This health issue has a history replete with destroyed careers and tarnished reputations involving scientists who have sought to help the people, and with so-called experts who have colluded with the forces going against the precautionary principle of public health: first, *do no harm*.

In his assessment for the journal of the Royal Institute of Public Health in the UK, Dr Stephen J. Genuis reported that vested interests have been effective in delaying restrictive EMF legislation. He also noted that claims of environmental harm have been challenged by researchers who fail to disclose covert ties to industry, that economic interests exert undue influence on medical journals, and that some editors and journal staff have suppressed publication of scientific results that are adverse to the interests of industry.¹

Professor Mark Ellwood, who was installed by the Australian federal government in the most elevated position in the nation as Director of the National Cancer Control Initiative to provide advice and make recommendations to the government and other key groups regarding cancer control, submitted expert witness reports for the power companies (and telecommunications companies) for court cases. Professor Andrew Wood, installed by the federal government in another position that serves to protect us—ARPANSA, the Australian Radiation Protection and Nuclear Safety Administration—also submits expert witness reports for the power industry for court cases. Professor Wood is currently chair of the ELF (extremely low frequency) Standard Working Group for the ARPANSA Radiation Health Committee.

It was not until 1979 that the western world took notice that these silent, invisible EMFs may be hazardous. Epidemiologist Dr Nancy Wertheimer and electrical engineer Ed Leeper conducted a study in Denver, Colorado, USA, and reported that children who were twice or three times as likely to have leukaemia tended to live in homes close to power lines and transformers. Their results, published in a scientific paper, showed an increased incidence of leukaemia, lymphomas and nervous system tumours in children.²

Their hotly debated research had an immediate effect: in response to public opposition to the construction of new high-voltage power lines, the electricity industry convened an expert panel of eminent and conservative medical scientists.

Included in this panel was Professor David Carpenter, from the Department of Public Health at New York University, and Dr David Savitz, one of America's most respected epidemiologists. Professor Carpenter's original scepticism was overturned when the Wertheimer and Leeper study, originally heavily criticised as flawed, was extended and improved. It confirmed a significantly increased risk of leukaemia.³ The reason why childhood leukaemia is studied is because the strongest evidence for a cancer is that the same cancer is significantly elevated in children.

In 2001, leading occupational medical epidemiologist Dr Sam Milham, MPH, and E. M. Ossiander, of the Washington State Department of Health, Olympia, researched the rise of electrification in the UK and USA and concluded that the childhood leukaemia peak of common acute lymphoblastic leukaemia was attributable to residential electrification: 75 per cent of all childhood acute lymphoblastic leukaemia and 60 per cent of all childhood leukaemia could be preventable.⁴ In 2007, Professor Michael Kundi reported that up to 80 per cent of all cases of childhood leukaemia may be caused by exposure to these fields.⁵

It was reported as early as the 1960s (Court-Brown and Doll) that a new leukaemia-causing agent entered the UK and USA in the 1920s–1930s.⁶ Today it is quite widely accepted that these EMFs can cause childhood leukaemia.

There is some evidence that other childhood cancers may be related to EMF exposure, but not enough studies have been done.⁷

Wertheimer and Leeper were the first to see a magnetic field–breast cancer connection in their 1982 study of residential magnetic field exposures of adults.⁸ Even though this study looked at overall cancer risk in adults and found an increase in excess cancers of the nervous system, uterus and lymphoid tumours, "they discovered a nearly threefold increase among women younger than 55 who lived near power lines, indicating that magnetic field exposure had accelerated development and growth of breast cancer".⁹

Breast tissue (along with foetal tissue) is the most sensitive tissue in the body and also the most sensitive to artificial (man-made) radiation, which is why any study into breast cancer has significant

ramifications for all of us.

Breast cancer is a very-high-risk disease for women today. The contention that EMFs are a risk factor, let alone a *causative* factor, in female breast cancer has been heavily resisted. When individual cases of breast cancer or breast cancer clusters in women occur, various reproductive factors are also taken into account which can mask the role that EMFs play.

When, in 2001, three men in one small office developed breast cancer, Dr Sam Milham testified for the men in their 2003 court case, arguing that their cancers were caused, in part at least, by EMFs emanating from an electrical vault next to a basement office where the men worked.¹⁰ In 1997, Dr Thomas Erren, MPH, had noted that an association between ELF EMFs and breast cancer is supported in men.¹¹

In 2002, even the Washington, DC, legal counsel for electricity utilities worldwide conceded in a privileged attorney–client communication that the stance of the power industry had to change.¹² Studies are normally conducted on exposed and unexposed subjects, but with these EMFs we are all exposed, making a definitive cause hard to prove.

Also, it would be unethical to expose people to high measurements of these EMFs to prove the case. People don't welcome having to change convenient lifestyles, and, when doubt and confusion are introduced, the public is often quick to disregard the importance of data that makes changing ingrained habits a requirement.

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There have been thousands of studies of EMFs, more so than with any other health issue. In 1997, Dr Erren commented that there are more epidemiological studies that link cancer to these fields than to environmental tobacco smoke.¹³ We are all concerned about the infiltration of chemicals into our wider and more personal environments, yet an analysis of 65 studies reported that the combined effects of toxic agents together with EMFs enhance the damage as compared to the toxic exposure alone.¹⁴

In 2007, the World Health Organization (WHO) stated that it is "reasonable and warranted" to lessen exposure to these ELF EMFs, "[p]rovided that the health, social and economic benefits of electric power are not compromised"¹⁵—information that will take decades to be acted upon around the globe.

EMFs and Cancer Clusters

Fifty-three people in a small post office in Capalaba, Brisbane, Australia, with an old electricity substation next door, were diagnosed with serious and fatal diseases by 2000, although staff had started to take notice of the disease patterns in the early 1990s. Investigation of the electrical environment was incomplete, and there is still no resolution to this situation today.

When research is conducted into these disease clusters, often it's the case that measurements are taken after hours when the electrical environment has changed or that investigations are conducted after extensive remedial electrical work has been completed. Often the cancers are put down to "random chance" or "coincidence".

However, in the case of the breast cancer cluster involving 17 women working in a small area within the Australian Broadcasting Corporation (ABC) TV studios in Toowong, Brisbane, the cancers, which were diagnosed between 1995 and 2006, were thought to be workplace-related but no cause could be found. In early 2005, the women pinpointed the area which they thought was in question.

A private firm, EMC Technologies, took radio-frequency electromagnetic radiation measurements in April 2005 and concluded that all the work areas surveyed complied with the ARPANSA RPS3 standard,¹⁶ but it wasn't until 18 December 2006 that ARPANSA investigated the premises for ELF EMFs. Within three days, the ABC staff were no longer working on the premises.

The specific measurements of ELF EMFs in the area pinpointed by the staff were not mentioned in the ARPANSA report.¹⁷ Complete and precise measurements of ELF EMFs as well as transient EMFs should have been taken in the area.

Professor Bruce Armstrong led the ABC's own investigation into the cancer cluster in 2006, looking at other breast cancer risk factors such as reproductive, lifestyle and age factors.

When questioned on national television in August 2007 on this breast cancer cluster and the frustration of some of the women who felt that the proper investigations were not carried out before all the equipment was taken out, he stated: "It is very important to do the investigations properly, and indeed we did have a problem with the ABC with the fairly quick decision to remove people from the site.

It did mean that some of the measurements we wanted to do were not complete, and I do understand how the women feel in that respect; they don't feel that it's been done satisfactorily..."¹⁸

This breast cancer cluster came close to showing the world that EMFs can cause breast cancer. Even though further analysis was not conducted on male staff in this workplace, the possibility does exist that prostate and/or testicular cancers may have been present or may develop in the future.

If complete measurements of all aspects of the electrical environment had been taken, this could have been a win-win situation for all citizens of the world: the women could have known what caused their breast cancer and (along with every other woman and man) would have been able to ensure that

their next working environment was safe; ABC TV would have been the perfect medium to spread the much-awaited information across the globe; and the ABC itself would have been commended on its groundbreaking achievement in helping millions of people (and scientists) throughout the world understand EMFs more fully. It also could have enabled the process of workplace reform to be instigated.

These cancer clusters serve to show us what is happening silently on a daily basis in everyone's lives. The adults and children of today have already been affected by these EMFs. Miscarriage, stillbirth, pre-term delivery, altered gender ratio and congenital abnormalities have been linked to maternal exposure.¹⁹

If complete measurements of all aspects of the electrical environment had been taken, this could have been a win-win situation for all citizens of the world: the women could have known what caused their breast cancer...

Testicular abnormalities, atypical sperm, chromosomal aberrations and offspring congenital defects have all been linked to paternal exposure.²⁰ Fathers employed in industries with higher than average EMF exposure have also been noted to have offspring with higher rates of brain and spinal cord tumours.²¹

The Perils of Dirty Electricity

Any harmful EMFs can be classed as "dirty"—to put into common idiom the scientific and technical language that accompanies this public health issue—yet there is another facet of electricity, termed "dirty electricity", that is now seen as even more of a threat to our health than the electromagnetic fields mentioned above. It is not only the fields from power lines and substations that can be a concern; dirty electricity is running through virtually every building on the planet. An even more prevalent and insidious agent, this secretive and subtle underlying menace is in all probability one cause of the dramatic increase in many illnesses and cancers.

Dr Sam Milham stated in 2008: "Very recently, new research is suggesting that nearly all the human plagues which emerged in the twentieth century, like common acute lymphoblastic leukemia in children, female breast cancer, malignant melanoma and asthma, can be tied to some facet of our use of electricity.

There is an urgent need for governments and individuals to take steps to minimize community and personal EMF exposures."²²

In 1994, the B Armstrong *et al.* study relating to dirty electricity was published.²³ However, it was not until 2005, when Dr Sam Milham and electrical engineer Lloyd Morgan came out of retirement due to their concern over a cancer cluster, that information worthy of creating a paradigm shift finally began to emerge, with the results having serious implications for all of us.

(These brave researchers had honourable intentions and impressive credentials.²⁴ Dr Sam Milham in 1982 was the first to link workers exposed to EMFs with higher rates of leukaemia. Lloyd Morgan, a brain tumour survivor and a director of the Central Brain Tumor Registry of the United States (CBTRUS), introduced the Benign Brain Tumor Registries Amendment Act into US Congress that became law in 2002. Along with breast cancer, leukaemia and diseases of the central nervous system, brain tumours are among the diseases that are more prominent in this health issue.)

The researchers were responding to alarm over a cluster of 18 cancers reported in 2003 among the 137

teachers at a middle school in California. Even though the school district administration had refused a number of requests for these men to assist in the evaluation of this cluster, which involved nearly three times more cancers than the average, one teacher invited these researchers to visit the school after hours to take measurements of the electrical environment, which they did at their own expense. When the researchers reported their findings to the Superintendent of Schools, Dr Milham was threatened with prosecution for "unlawful...trespass" and the teacher who had invited them into the school received a letter of reprimand. The teachers then filed a California OSHA (Occupational Safety Health Administration) complaint, which ultimately led to the progressive California Department of Health Services (CDHS) becoming involved. The CDHS measured the different facets of the electrical environment and provided Milham and Morgan with the

data, which showed that dirty electricity—"transients", which are radio-frequencies riding along electrical wiring—was involved. Finally, this was a study that was conducted with the highest integrity, able to break through the red tape and politics that usually accompany the problem of harmful electrical environments. Of immense importance, Milham and Morgan commented that transients may be a universal carcinogen similar to ionising

Dirty electricity is in virtually every building, whether it be our homes, schools, workplaces or hospitals. Energy-efficient appliances and equipment are amongst the culprits...

radiation,²⁵ an already established cause of cancer.

The only two published studies relating to dirty electricity—Armstrong *et al.* 1994 study and the Milham–Morgan study—both show very positive increases in cancer risk with increasing *cumulative* exposure to transients.

What is of critical importance is that the cancer risks at the school in California were comparable to the smoking–lung cancer risk. Of no surprise, breast cancer cases were reported in this cluster along with several other cancers including colon cancers, uterine cancers and malignant melanomas. Artificially created EM radiation (EMR) is a determinant in the development of malignant melanoma, an increasingly prevalent cancer that was uncommon until around 50 years ago.²⁶

In fact, research on EMFs has been conducted for over 50 years in Russia,²⁷ and the newer research on dirty electricity has been carried out by Russian experts in conjunction with scientists and electrical engineers from the United States, Canada, Kazakhstan and the Ukraine.²⁸ Kazakhstan has already swiftly mandated protection against dirty electricity in industrial situations,²⁹ a model which should be implemented in all countries across the globe.

Ongoing Risk Assessment

We are in the midst of an invisible and silent plague of pandemic proportions that has been woven into our everyday lives. Dirty electricity is in virtually every building, whether it be our homes, schools, workplaces or hospitals. Energy-efficient appliances and equipment are amongst the culprits that create dirty electricity. Dr Magda Havas, Associate Professor of Environmental and Resource Studies at Trent University, Canada, reports that many houses with solar panels have very high levels of dirty electricity.³⁰ Wind turbines can also generate dirty electricity, which is then transferred along the grid.

If these EMFs released a visible substance on us, we would comprehend very quickly the attack on our body and that dirty electricity is creating havoc with our immune systems. Even though we cannot see it and most of us cannot feel it, dirty electricity is affecting all of us. Removing dirty electricity has seen cases of multiple sclerosis improve dramatically and even go into remission, and has also resulted in asthmatics using inhalers less often.³¹

Some diabetics are discovering that their insulin levels are being artificially raised in dirty electrical environments. In 2004, Dave Stetzer, president of Stetzer Electric, and Dr Havas presented to the WHO their research showing the difference between the blood sugar level in a dirty electrical environment (a measurement of 36) and one that was filtered (a measurement of nine).³²

Autism is now seen as the fastest-growing developmental disability. Dr Havas reported that a recent pilot research study has shown higher rates of babies born with autism where the mothers' sleeping locations had high levels of radio-frequency EMR.³³

Children who have leukaemia or are in recovery have poorer survival rates if exposure to extremely low frequency EMF levels is high.³⁴ It follows that all ill and recovering patients should be aware of their exposure to these fields.

Lichtenstein *et al.* concluded from their study of identical twins that environmental factors are the initiating event in the majority of cancers.³⁵ On studying cancer trends in the 20th century, Hallberg and Johansson reported that there is a common environmental stress that accelerates several forms of cancer—colon cancer, lung cancer, breast cancer,

bladder cancer and melanoma.³⁶ From when electricity was first generated to the introduction of AM radio (1920s), radar (1940s), FM radio and TV (1950s), computers (1970s), mobile phones (1980s), and wireless technologies and compact fluorescent lighting (2000s), artificially created EMR is the most likely environmental stress.

Artificially created EMR may also be the underlying menace in the tobacco smoking and asbestos crises. Hallberg and Johansson reported that exposure to radiowaves (artificially created EMR) appears to be *as big a factor in causing lung cancer as cigarette smoking*, and that deaths due to asbestosis were not known until after the 1960s despite the fact that asbestos had been used as a building material since the end of the 19th century.³⁷

We cannot afford to be unsuspecting recipients of this artificial electromagnetic radiation which has been newly introduced in such a short period of our history. Associate Professor Olle Johansson, of the Department of Neuroscience at the Karolinska Institute in Sweden, commented that today no one would consider having a radioactive wristwatch with glowing digits (as you could in the 1950s), having your children's shoes fitted in a strong X-ray machine (as you could in the 1940s), keeping radium in open trays on your desk (as scientists did in the 1930s) or X-raying each other at garden parties (as physicians did in the 1920s).³⁸

These examples relate to *ionising* radiation; apart from nuclear fallout, we have a choice whether to expose ourselves to it or not.

Many different types of artificially created radiation have been woven into our daily lives.

It is awareness that will bring understanding of the different types of radiation so we can make our own informed choices on what we are willing to be exposed to and what we must avoid. School teachers and principals alike must be educated on this most important health issue so that measures can be put into place to ensure that they and our children are not at risk in a dirty electrical environment, for dirty electricity has been found to be especially prevalent in environments with concentrated fluorescent lights and computers. Employers and employees alike must understand that their workplace must also be protected. People in their own homes must also protect themselves from modern equipment that also generates dirty electricity.

If these EMFs released a visible substance on us, we would comprehend very quickly the attack on our body and that dirty electricity is creating havoc with our immune systems.

Finally, Dr Cedric Garland, the epidemiologist currently investigating the breast cancer cluster on the campus of the University of California, San Diego, is focusing on the possible role of EMFs, especially transients.³⁹ Dr Garland advised that the female employees should be informed about tamoxifen research—that ELF EMFs have been found to partially block this drug's action in preventing breast cancer spreading or a recurrence of breast cancer—and recommended that those taking the drug should be transferred to a lower-current area if they so desired.

Transients cause cancer. Just as we filter our water to remove contaminants so we have cleaner water, now we must filter our electricity to remove this contaminant so we have cleaner electricity. ∞

About the Author:

Donna Fisher, based in Brisbane, Queensland, Australia, is the chair of Donna Fisher Silent Fields Inc., a non-profit organisation that is working towards the implementation of legislation against "dirty electricity" with the aim of protecting people in the workplace.

Her model is now being incorporated across the globe, especially in the European Union. She is also CEO of the Donna Fisher Breast Health Initiative, which is committed to *noninvasive* technologies for prevention, detection and cure of breast cancer and supports eliminating the environmental causes of breast cancer with particular focus on chemicals and radiation. Donna Fisher is the author of *Silent Fields: The Growing Cancer Cluster Story – When Electricity Kills...* (Lindlahr Book Publishing, Queensland, 2008; reviewed in NEXUS vol. 15, no. 6) and the forthcoming *More Silent Fields: Cancer and the Dirty Electricity Plague – The Missing Link...* (Joshua Books, Queensland, 2009; see review in our next edition).

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Editor's Note:

This article comprises edited extracts from Donna Fisher's two books, *Silent Fields: The Growing Cancer Cluster Story* (chapters 3, 5, 6 and 9) and *More Silent Fields: Cancer and the Dirty Electricity Plague* (chapters 2, 4 and 8).

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LITTLE-KNOWN FACTS ABOUT POLIOMYELITIS VACCINATIONS

Mass vaccinations against poliovirus, also in conjunction with intramuscular antibiotic injections and vaccines given against a range of diseases, resulted in significant levels of paralysis especially among young children.

Part 2 of 2

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Outbreak in Oman (continued)

Sutter *et al.* (1991) also wrote: "Among the most disturbing features of the [paralytic poliomyelitis] outbreak [in Oman] was that it occurred in the face of a model immunisation programme and that widespread transmission had occurred in a sparsely populated, predominantly rural setting." This represents further evidence that vaccination caused the outbreak. The vaccinators had travelled into sparsely populated communities.

Sutter *et al.* (1992) reviewed vaccination records for 70 children aged 5–24 months with poliomyelitis and from 692 matched control children during a poliomyelitis outbreak investigation in Oman. "A significantly higher proportion of cases received a DTP vaccine injection within 30 days before paralysis onset than did controls (42.9% vs. 28.3%). The proportion of poliomyelitis cases that may have been provoked by DTP injections was 35% for children 5–11 months old." They concluded that their study confirmed that "...injections are an important cause of provocative poliomyelitis. Although the benefits of DTP vaccination should outweigh the risks of subsequent paralysis, these data stress the importance of avoiding unnecessary injections during outbreaks of wild poliovirus infection."

The fact is that previous injections of other vaccines (such as those containing a pertussis component) causing provocation paralysis was described in the 1950s (for instance, McCloskey, 1950). So, the situation in Oman was just another example of the phenomenon of provocation paralysis. However, time and again, mass vaccination programs have ignored this important fact and continued causing suffering and disability to children all over the world. Another important well-known fact is that the significant majority (65 per cent) of recipients of any vaccines actually get the disease which the vaccines are supposed to prevent, after the first dose (Hedrich, 1933). Hedrich studied outbreaks of measles for 30 years in the Baltimore (USA) area. He established that when about 63 per cent of susceptibles get measles, an epidemic stops. Strelbel *et al.* (1992) wrote that vaccine-associated paralysis in recipients of OPV usually occurs after their first dose. In Oman (and elsewhere), those who became paralysed after the first dose were simply excluded from efficacy calculations as unvaccinated or such vaccinations "were not counted".

Sutter *et al.* (1993) published an article on another outbreak in Oman after the post-vaccination polio outbreak of 1988–89. For obvious reasons I cannot quote the entire article, so I highlight certain sentences which reflect the observed reality. The authors wrote: "Investigation of the outbreak suggested that its occurrence was due to several factors, including accumulation of children susceptible to poliomyelitis due to a reduction in overall immunity levels from exposure to wild poliovirus in 1987–1988, suboptimal efficacy of trivalent oral poliovaccine (OPV), provocation

poliomyelitis from antecedent injections with DTP vaccine, and participation of fully vaccinated children in the chain of transmission... A total of four laboratory-proven cases occurred in 1991. The first two cases occurred in the Batinah region in March 1991 (44- and 49-months-old children), both of whom received four doses of OPV. Two additional cases (25 and 30 months old), all after 5 doses of OPV, occurred in August and October 1991 in adjoining Eastern and Interior regions. The same genotype of wild type 3 poliovirus was isolated in all of them." They concluded that the experience in Oman indicates that uniform implementation of the present WHO strategy "may not be sufficient to interrupt transmission" and that several additional doses of OPV to all children may be needed. (Obviously, no doses would do the trick.)

Paralytic poliomyelitis

outbreaks in Romania

According to Strebel *et al.* (1994), although poliomyelitis due to wild virus infection had virtually disappeared from Romania, with no cases having been documented between 1984 and 1989, vaccine-associated paralytic poliomyelitis was reported at very high rates for over two decades. In November 1990, to decrease the risk of vaccine-associated paralytic poliomyelitis, oral poliovirus vaccine produced in Romania was replaced by imported oral vaccine produced by a Western European manufacturer. The overall risk of vaccine-associated paralysis in Romania was 14 times higher than the "reported" risk in the USA. However, the risks of recipient vaccine-associated paralysis relating to the first dose of oral vaccine were similar for the Romanian and imported vaccines.

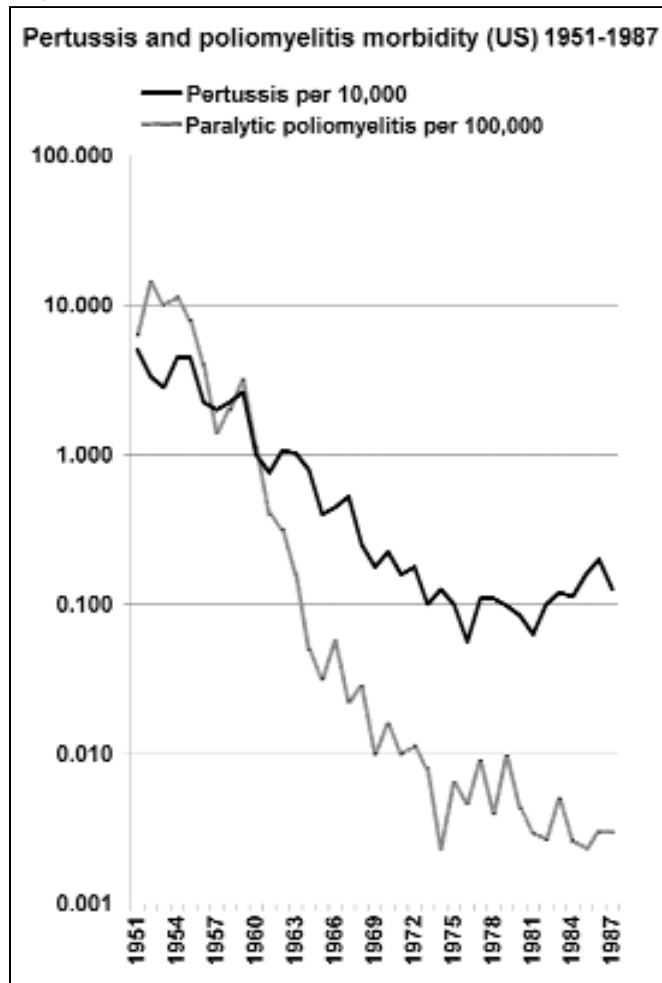
The word "reported" is crucial due to a chronic endemic underreporting of any "vaccine-preventable diseases" after the introduction of mass vaccination, which consequently seemingly improves the efficacy and masks the real risk. All this is further compounded by a new definition of the disease poliomyelitis introduced after mass vaccinations were started in the

1950s and 1960s. The classical definition of poliomyelitis is "a disease with residual paralysis which resolves within 60 days"; the new definition is "a disease with residual paralysis persisting for more than 60 days". Since only less than one per cent of the cases develop a residual paralysis persisting for more than 60 days, the new definition "eradicated" the vast majority of cases in which paralysis resolved within 60 days as *not* being poliomyelitis. Strebel *et al.* (1994) wrote: "Cases are confirmed if they meet the following definition: an acute illness characterized by flaccid paralysis which is compatible with the clinical presentation of poliomyelitis in the acute phase and residual neurologic deficit 60 days (or later) after the onset of paralysis."

Additionally, cases were defined as "vaccine-associated" if there was no direct evidence of wild poliovirus infection and if there was a positive history of recent exposure to oral poliovirus vaccine. This definition is interesting in that it highlights the fact that vaccine-caused paralysis acquired very high significance. Just in case someone may think that vaccination eradicated the wild poliovirus in the environment (as claimed by the vaccinators), note that natural infections with wild poliovirus resulted in the development of natural immunity without

paralysis. The outbreaks of paralysis were directly connected with the mass administration of a variety of vaccines, starting with smallpox and continuing with diphtheria, tetanus and, especially after World War II, all the other vaccines. A great number of articles have been published about "provocation poliomyelitis", meaning "provoked by prior injections with a variety of vaccines".

Even in the case of Romania, Strebel *et al.* (1995) wrote about intramuscular (IM) injections within 30 days of immunisation with oral poliovirus vaccines as a risk factor for vaccine-associated paralysis. They wrote: "In Romania the rate of vaccine-associated paralytic poliomyelitis is for unexplained reasons 5 to 17 times higher than in other countries. Long ago it was noted



that intramuscular injections administered during the incubation period of wild-type poliovirus infection increased the risk of paralytic disease (a phenomenon known as 'provocation' poliomyelitis). We conducted a case-control study to explore the association between intramuscular injections and vaccine-associated poliomyelitis in Romania.

"Of the 31 children with vaccine-associated disease, 27 (87 percent) had received one or more intramuscular injections within 30 days before the onset of paralysis, compared with 77 of the 151 controls (51 percent) (matched odds ratio, 31.2; 95 percent confidence interval, 4.0 to 244.2). Nearly all the intramuscular injections were antibiotics, and the association was strongest for the patients who received 10 or more injections (matched odds ratio for more or equal 10 injections as compared with no injections, 182.1; 95 percent confidence interval)."

So, the risk of paralysis was strongly associated with injections given *after* the oral polio vaccine, but not with injections given *before or at the same time* as the vaccine. However, in all cases, OPV was given simultaneously with DPT vaccine.

Interestingly, as reported by Strebel *et al.* (1995), the timing of the onset of paralysis, with IM injections given after DPT and OPV, was 9–30 with a median of 16 days (the highest risk being at 8–14 days, 15–21 days and 22–30 days), and 0–7 days and 15–21 days with DPT and OPV injections given before the onset of paralysis. This reflected the phenomenon of critical days as discovered and defined by Scheibner (2004).

Poliomyelitis epidemic in The Gambia

Otten *et al.* (1992) and Deming *et al.* (1992) reported on the epidemic in The Gambia of poliomyelitis associated with type 1 poliovirus involving 305 cases (estimated 1986 population of 768,995) from May to November 1986, following a six-year non-epidemic period with only five reported cases. The highest attack rate was in one-year-old children: 394 cases per 100,000 of population. The national attack rate was 40 per 100,000 of population. A vaccination coverage survey showed that 64 per cent of one- to two-year-old children were vaccinated with at least three doses of trivalent oral polio vaccine at the beginning of the epidemic. Fifty-seven cases became paralysed more than two weeks after a national mass vaccination campaign, in which 95

per cent of children aged one to seven years old were reported to have received a dose of trivalent oral polio vaccine. The authors concluded that the mass vaccination campaign may only have been partially successful in ending the epidemic.

Wyatt (1987) addressed another well-known problem of provocation poliomyelitis caused by injections of DPT together with OPV in The Gambia. This phenomenon was addressed in the above section on Romania.

Paralytic poliomyelitis outbreak in Namibia

Van Niekerk *et al.* (1994) described an outbreak of paralytic poliomyelitis in Namibia. They wrote: "The last confirmed cases of poliomyelitis in Namibia had been reported in 1988. However, between November 8, 1993, and January 7, 1994, 27 cases of paralytic poliomyelitis were confirmed in the country. The outbreak was limited to the south health region; at least 80% of infants in this region have received four doses of oral poliovaccine (OPV) by the age of 1 year. The patients ranged from 13 months to 12 years; 24 were younger than 5 years. Of the 26 patients whose vaccine status was known, 14 had received four doses of OPV, 6 had one or two doses, and 6 no vaccine." The normal health services and hence vaccination in the north had been severely disrupted by a long war. Interestingly, the authors reasoned that since due to poor vaccination efforts the wild poliovirus was circulating freely in the northern health region, children developed solid immunity to it (without developing paralysis).

This interesting and important information was repeated by Biellik *et al.* (1994), who wrote: "In late 1993 a poliomyelitis epidemic occurred almost exclusively in residents of the south health region [the area that was highly vaccinated]. We speculate, therefore, that endemic wild poliovirus circulation continued uninterrupted in Angola and the two north regions of Namibia across the well-travelled border since 1989, when cases were last reported. Although OPV coverage was fairly low in northern compared with southern Namibia, a higher proportion of northern children may have been protected, at least to type 1, by natural immunity, thus suppressing epidemics. In 1993 OPV3 coverage among infants aged less than 1 year was higher in the south than the north. However, evidence suggests that a substantial pool of susceptibles,

The same situation of poliomyelitis occurring in fully vaccinated children, usually straight after mass vaccination drives, has occurred in many other countries, both developed and developing.

especially among children aged 1–3 [years], was created when [vaccine] coverage was low, and the apparent interruption of wild poliovirus circulation limited the acquisition of natural immunity [in the well-vaccinated southern health region]."

The same situation of poliomyelitis occurring in fully vaccinated children, usually straight after mass vaccination drives, has occurred in many other countries, both developed and developing. The difference was in the truthfulness in reporting.

Mechanics of vaccine-associated paralysis

There is more than one aspect to the mechanics of vaccine-associated paralysis. One of the most important suspects is increased neurovirulence associated with a single nucleotide change in a noncoding type 3 poliovaccine genome.

Evans *et al.* (1985) wrote: "Most of the small number of cases of poliomyelitis which occur in countries where Sabin's attenuated poliovirus vaccines are used are temporally associated with administration of vaccine and involve polioviruses of types 2 and 3. Recent studies have provided convincing evidence that the Sabin 2 and 3 viruses themselves may revert to a neurovirulent phenotype on passage in man [meaning babies] ... a point mutation in the 5' noncoding region of the genome of the poliovirus type 3 vaccine consistently reverts to wild type in strains isolated from cases of vaccine-associated poliomyelitis. Virus with this change is rapidly selected on passage through the human gastrointestinal tract. The change is associated with a demonstrable increase in the neurovirulence of the virus."

Inherent problems with inactivation of viruses (including those contaminating polio vaccines) were already known as early as 1961 and 1962.

Gerber *et al.* (1961) described inactivation with formaldehyde which is subject to asymptotic factor, meaning that within about 40 hours most viruses are inactivated but afterwards there is a viable residue of live viruses indefinitely.

Fenner (1962) described reactivation of animal viruses: "It is still a common practice among medical men [and women] to speak of 'killed' and 'live' viral vaccines, and the everyday meaning of the terms is clear enough. But, as I shall demonstrate, virologists now recognise a variety of situations in which 'killed' virus

may multiply and produce new infectious virus. They have therefore discarded the term 'killed' and adopted the word 'inactivated' to replace it. Even 'inactivated', however, is used in a restricted sense; it refers to the loss of viral infectivity—that is, to the inability of the virus particles to multiply and produce a new infectious virus in susceptible cells, when these cells each receive only single particles of the inactivated preparation, and no other virus particles or derivatives thereof." More recently, inactivation has been used as a method of studying the structure and function of viruses. "This approach received its principal stimulus from the discovery that inactivation was sometimes reversible." (Fenner, 1962)

Little attention has been given to viral intracellular reactivation. Multiplicity of reactivation of UV-irradiated influenza virus was demonstrated in 1951, and cross-reactivation was shown to occur with the same virus in 1956 and 1961. Recently-irradiated vaccinia virus was shown to undergo both multiplicity and cross-reactivation (Fenner, 1962). (In my opinion, this shows the fallacy of irradiating food: irradiated bacteria are only temporarily weakened and revert to their original virulence.) In 1936, Berry and Dedrick (quoted by Fenner, 1962) had already demonstrated that some rabbits inoculated with a mixture of heat-inactivated myxoma virus and active fibroma virus died of myxomatosis. These data emphasise the dangers of injecting dubiously "inactivated" or "non-genetically" reactivated viruses.

Published orthodox medical literature has documented many outbreaks of paralysis connected with mass vaccination programs time and again and in many

countries. In this article, I've only described a few examples, but it would be easy for the interested reader to search the existing literature for more examples.

Conclusions

Not only has mass polio vaccination not eradicated paralytic poliomyelitis, it has caused a number of outbreaks of paralysis directly linked to the administered vaccines.

These days, when a vaccinee develops poliomyelitis, it may not be called poliomyelitis; instead, it may be called viral or aseptic meningitis, ascending paralysis (Guillain-Barré syndrome), cerebral palsy (over 75 per cent of cases are not diagnosed at birth but after six

Not only has mass polio vaccination not eradicated paralytic poliomyelitis, it has caused a number of outbreaks of paralysis directly linked to the administered vaccines.

months) or other such names. According to MMWR (1997; 32[29]:384-385), there are 30,000 to 50,000 cases of aseptic meningitis every year in the United States. Considering that the vast majority (99 per cent) of the reported cases in the pre-vaccine era were non-paralytic and would have corresponded to aseptic or aviral meningitis, then vaccination has actually increased the incidence of poliomyelitis. In the pre-vaccine era, such high numbers only occurred in some epidemics. Now, such numbers occur every year, year by year. ∞

About the Author:

Viera Scheibner, PhD, born in 1935 in Bratislava in the former Czechoslovakia (now the Slovak Republic), is a retired Principal Research Scientist. Having studied medicine in 1953 and changed streams in 1954, she graduated in natural sciences in 1958 and was awarded a doctorate in this discipline (RNDR) in 1964 from Comenius University in Bratislava.

Before emigrating to Australia in 1968, she progressed to Senior Associate Professor (Docent) and lectured in biology, micropalaeontology and geology at the university. She had 35 scientific papers and one book published.

After arriving in Australia, Dr Scheibner took up a position as Research Scientist (Micropalaeontologist) with the Geological Survey of New South Wales, Department of Mines (later renamed as Department of Mineral Resources). She retired as Principal Research Scientist in 1987, having published scientific findings in a further 47

papers and two books. In the late 1980s, Dr Scheibner was engaged in the study of babies' breathing with the Cotwatch microprocessor-based breathing monitor, developed in conjunction with her husband, Swedish biomedical electronics engineer Leif Karlsson (deceased in 1994). The findings with Cotwatch sparked her interest in the link between sudden infant death syndrome (SIDS) and vaccination, and resulted in her intensive research of orthodox medical literature into the dangers and ineffectiveness of vaccines which continues to this day.

Since 1990, Dr Scheibner has had numerous papers and letters published in peer-reviewed and other journals and has lectured and held seminars in Australia and internationally on vaccine dangers and ineffectiveness. Since 1996, she has provided over 100 reports and appeared as an expert witness for numerous court cases involving vaccine injuries and deaths misdiagnosed as physical injuries by parents and other carers, called "shaken baby syndrome".

Dr Scheibner is the author of *Vaccination: 100 Years of Orthodox Research Shows that Vaccines Represent a Medical Assault on the System* (1993; reviewed in NEXUS, vol. 2, no. 16) and *Behavioural Problems in Childhood: The Link to Vaccination* (2000; reviewed in NEXUS, vol. 7, no. 5). She has previously contributed five articles to NEXUS, most recently "Vaccinations and the Dynamics of Critical Days" (vol. 12, no. 6; first published in J ACNEM 2004; 23[3]:10-14).

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JOHN F. KENNEDY AND THE UFO CONNECTION

*During his term
as US President,
Kennedy tried to
bring classified
information on UFOs
and psychological
warfare under
executive control, but
his attempts were
thwarted by the CIA
and the top-secret
MJ-12 Group.*

Part 1 of 2

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Kennedy's Deadly Confrontation with MJ-12 and CIA over UFO Files

There are two main phases to US President John F. Kennedy's attempts to gain access to files concerning extraterrestrial life and technology. The first concerns a series of executive actions Kennedy took early in his administration.

On February 19, 1961, Kennedy issued an Executive Order to place Cold War psychological warfare programs under the control of his National Security Advisor. This was followed on June 28 by a series of presidential memoranda to implement presidential executive oversight over covert CIA operations through the Joint Chiefs of Staff. These executive actions coincided with Kennedy's efforts to gain access to the activities of a highly classified project dealing with UFOs and extraterrestrial life: the MJ-12 Special Studies Project. Kennedy's executive actions led to a bitter conflict with his outgoing CIA Director, Allen Dulles, who was opposed to granting Kennedy access.

The second phase began on September 20, 1963, when Kennedy embarked on a high-risk political strategy of getting NASA to cooperate with the USSR on joint space and lunar missions. Less well known is that this brought to a climax a confrontation over the release of classified UFO files with the CIA and those in control of the MJ-12 Special Studies Project.

This article reviews testimony, documents and events concerning Kennedy's interest in UFOs and extraterrestrial life and how this culminated in a deadly behind-the-scenes confrontation with the CIA and MJ-12 in the final month of his life. Documents revealing the political events prior to his assassination are evidence that a coup occurred with the backing of senior CIA officials and MJ-12.

Kennedy's Efforts to Gain Access to MJ-12 Activities

The existence of a Top Secret project responsible for extraterrestrial life and technology is supported by three official government documents.

The first is a document found in 1985 in The US National Archives that explicitly refers to an "MJ-12 Special Studies Project". It was found among a group of declassified US Air Force documents and acknowledged as part of the official records belonging to The National Archives.¹ The document, dated July 14, 1954, is a memorandum sent by President Eisenhower's National Security Advisor, Robert Cutler, to the US Air Force Chief of Staff, General Nathan Twining, to schedule a meeting for the MJ-12 Special Studies Project briefing. The Cutler–Twining memorandum is among the most authoritative documentary sources so far for the existence of an MJ-12 Special Studies Project.²

The second government document referring to a Top Secret UFO control group is a Top Secret memorandum from Wilbert Smith, who at the time was a senior radio engineer with the Canadian Department of Transport.

In this memo, dated November 21, 1950, Smith wrote the following to the Controller of Telecommunications concerning flying saucer technologies being secretly studied in the USA by a very highly classified group:

- a. *The matter is the most highly classified subject in the United States Government, rating higher even than the H-bomb.*
- b. *Flying saucers exist.*
- c. *Their modus operandi is unknown but concentrated effort is being made by a small group headed by Doctor Vannevar Bush.*
- d. *The entire matter is considered by the United States authorities to be of tremendous significance.*³

The Smith memorandum confirms that in 1950 a small group headed by Dr Vannevar Bush was secretly studying the technologies associated with the UFO issue. Dr Bush had earlier headed the Office of Scientific Research and Development (in 1941–1947) and the joint military services Research and Development Board (RDB).⁴

At the time of Smith's memo, Dr Bush was on the oversight committee of the RDB and a leading scientific adviser to President Truman. Bush's role is significant in the light of another leaked document, the Truman memorandum, to be discussed shortly.

The third document involves three 1952 Top Secret memorandums from the Joint Chiefs of Staff, titled "Joint Logistic Plan for 'MAJESTIC'". The memos, declassified in 1976, state:

- The following plans in support of MAJESTIC are now under preparation:*
- a. *A psychological warfare plan.*
 - b. *An unconventional warfare plan.*
 - c. *Cover and deception plans.*
 - d. *A civil affairs/military government plan.*
 - e. *A command plan.*
 - f. *A logistic plan.*
 - g. *Transportation guidance, to be included in the logistic plan.*
 - h. *A map and chart plan.*
 - i. *A communications plan.*⁵

This set of memos is important in that it shows that in 1952 a project called MAJESTIC was underway, and it involved significant support across a wide spectrum of areas that would be expected for something involving UFOs and extraterrestrial life: psychological warfare, covert military operations, civil affairs/military government, logistics, communications, etc. The Joint Chiefs' memos corroborate the 1954 Cutler–Twining

memorandum involving a project called Majestic-12, and what Smith described in 1950 as a UFO group headed by Dr Vannevar Bush.

The three preceding official documents corroborate a number of leaked documents also describing a UFO control group called MJ-12, MAJESTIC or similar variations.

One leaked document is an alleged Top Secret memorandum written by President Truman to Secretary of Defense Robert Forrester on September 24, 1947. Referring to recent conversations on an undisclosed matter (UFOs and extraterrestrial life), President Truman wrote: "Hereafter this matter shall be referred to only as Operation Majestic Twelve."⁶

Truman went on to say: "...any future considerations relative to the ultimate disposition of this matter should rest solely with the Office of the President following appropriate discussions with yourself, Dr. Bush and the Director of Central Intelligence."

The Truman memorandum was described as "Special Classified Executive Order #092447" and was attached to a larger leaked document called the Eisenhower Briefing Document.

Alleged to be a briefing to President-Elect Eisenhower, dated 18 November 1952, the document describes the beginning of Majestic-12 operations and lists the 12 members of the group.⁷ The

Eisenhower Briefing Document has been exhaustively researched and found by some prominent UFO researchers to be historically consistent with events, documents and officials of the time.⁸

Taken collectively, the Cutler–Twining memo, the Smith memo, the Joint Chiefs of Staff memos, the Truman memo and the Eisenhower Briefing Document conclusively show the existence of a Top Secret military scientific group, at the time called Majestic-12 or some variation, responsible for dealing with extraterrestrial life and technology.

These documents reveal that MJ-12 operated in a clandestine manner, was given enormous logistical support by the Pentagon, was closely associated with CIA covert operations and escaped direct presidential oversight.

Kennedy's Attempts to Control MJ-12

When President Kennedy came to office in 1961, he became aware of the existence of MJ-12 and its relationship to information concerning UFOs and extraterrestrial life. He decided to find out more about its covert activities and re-establish presidential executive authority over it.

These documents reveal that MJ-12 operated in a clandestine manner, was given enormous logistical support by the Pentagon, was closely associated with CIA covert operations...

On June 28, 1961, President Kennedy wrote the following to Allen Dulles, Director of Central Intelligence (DCI):

National Security Memorandum

To: *The Director, Central Intelligence Agency*

Subject: *Review of MJ-12 Intelligence Operations as they relate to Cold War Psychological Warfare Plans*

*I would like a brief summary from you at your earliest convenience.*⁹

This leaked National Security Memorandum (NSM) clearly shows that, in June 1961, Kennedy wanted to learn about MJ-12 activities and the relationship with psychological warfare. While the leaked June memorandum has not been acknowledged by the CIA (it was classified Top Secret), other documents from the period support its authenticity.

Early in his administration, President Kennedy showed that he desired to restructure the National Security Council and bring all intelligence and psychological warfare activities under direct executive control.

On February 18, 1961, President Kennedy issued Executive Order 10920 which abolished the Operations Coordinating Board.¹⁰ The board was the primary interagency organisation responsible for Cold War psychological warfare activities.¹¹ Its responsibilities were handed over to Kennedy's National Security Advisor, McGeorge Bundy, and the Department of State.

President Kennedy's EO 10920 shows that he desired to gain control over all intelligence activities related to psychological warfare. Abolishing the Operations Coordinating Board shows that he was willing to dismantle any government entity in order to bring its psychological warfare operations under the direct control of his national security team.

EO 10920 helps substantiate his later, June 28, 1961, National Security Memorandum concerning a review of MJ-12 activities that Kennedy had learned involved psychological warfare.

The authenticity of the June 28, 1961 memorandum is also supported by a declassified set of three National Security Action Memorandums (NSAMs) issued on the same day to the Joint Chiefs of Staff and also forwarded to Dulles.

NSAMs 55–57 placed Cold War operations firmly under the control of the Joint Chiefs.¹² According to Col. Fletcher Prouty, they were Kennedy's main means of gaining control over CIA covert operations.¹³

The three June 28 NSAMs support the content of Kennedy's NSM to the Director of Central Intelligence, issued the same day, which involved Cold War operations by MJ-12.

As I will show later through a leaked burned document, the three NSAMs explain why the Joint Chiefs were excluded from the most classified UFO information by MJ-12.

Finally, I referred earlier to three 1952 Top Secret memos, titled "Joint Logistic Plan for 'MAJESTIC'", from the Joint Chiefs of Staff. Prominent among the various "plans in support of MAJESTIC" was a "psychological warfare plan".¹⁴

Once again, this shows the relationship between MJ-12 (MAJESTIC) operations and psychological warfare. Kennedy therefore had good reason to issue his June 28, 1961 memorandum to Dulles, asking him for a review of MJ-12 psychological warfare operations.

Dulles's response to Kennedy's June 28 NSM was an alleged Top Secret letter dated 5 November 1961. Dulles's letter gives an overview of the MJ-12 activities with regard to psychological activities.

It describes UFOs as part of "Soviet propaganda" designed "to spread distrust of the government".¹⁵

In the letter, Dulles acknowledges that while it is possible that "true U.F.O. cases are of non-terrestrial origin", these "do not constitute a physical threat to national defense". Most significantly, he wrote:

For reasons of security, I cannot divulge pertinent data on some of the more sensitive aspects of MJ-12 activities...

If genuine, Dulles's letter was giving President Kennedy only minimal information in response to his June 28, 1961 request for a brief summary of MJ-12 activities.

Dulles and the Burned MJ-12 Memorandum

The leaked June 28, 1961 NSM, Executive Order 10920, NSAMs 55–57 and Dulles's November 1961 letter reveal that a power struggle was occurring over presidential executive control of Cold War psychological warfare programs and the covert activities of MJ-12.

Early in his administration, President Kennedy showed that he desired to restructure the National Security Council and bring all intelligence and psychological warfare activities under direct executive control.

Up until his resignation as DCI on November 29, 1961, Dulles was the pivotal figure in the power struggle with Kennedy over MJ-12 activities and control of classified UFO files. This power struggle is reflected in a leaked, partially burned, draft memorandum allegedly rescued from a fire in which the remainder of (former) CIA counterintelligence chief James Jesus Angleton's files were being burned after his death on May 12, 1987.

A former counterintelligence colleague of Angleton, who claimed to be present at the burning, released it on June 23, 1999.¹⁶ According to MJ-12 investigators Dr Robert Wood and Ryan Wood, the burned document...

*...is an original carbon with an Eagle watermark characteristic of government work, but so far forensic laboratories have been unable to trace it... Although no date is given, its content directly suggests the month of September. The year is estimated to be in the early 1960s and is still under investigation.*¹⁷

The burned document dates from the Kennedy era and has the characteristics of a government document.¹⁸ If its contents are accurate, it provides smoking-gun evidence of the power struggle between Kennedy and MJ-12 over access to UFO information.

The classified Top Secret document with MJ-12 codeword access is a set of directives from the Director of the CIA, who simultaneously headed the MJ-12 Special Studies Project, to six other members of the project. It says on the cover page:

*As you must know LANCER [Kennedy's Secret Service codename] has made some inquiries regarding our activities which we cannot allow. Please submit your views no later than October. Your action to this matter is critical to the continuance of the group.*¹⁹

This document clearly acknowledges that Kennedy's efforts to gain access to UFO information soon after coming to office on January 20, 1961 actually imperilled the existence of the MJ-12 Special Studies Project/Group.

While the burned document has no date of issue, the authority of the writer and the political context indicate that it was written shortly after Kennedy had issued his June 28, 1961 NSM requesting a "Review of MJ-12 Intelligence Operations as they related to Cold War Psychological Warfare Plans".²⁰ The burned document acknowledges that it had "become necessary to review and evaluate duplication of field activities in light of the current situation".²¹

This appears to be a reference to the review that Dulles was asked to undertake on June 28.

The burned document appears to be a draft of a series of MJ-12 directives from Allen Dulles, who knew his time as DCI was limited due to the April 1961 Bay of Pigs fiasco. He needed an answer from six other MJ-12 members listed in the burned document by October, a month before he was due to retire as DCI on November 29, 1961. The burned document contains a number of directives concerning how to control UFO information and ensure that it would not be shared with the "Chief Executive [President Kennedy], National Security Council Staff, department heads, the Joint Chiefs, and foreign representatives". Basically, Dulles's secret directives proscribed Kennedy's national security team from gaining access to the most sensitive UFO files possessed by the CIA and MJ-12.

While the response of other MJ-12 members is not found in leaked documents, Dulles's 5 November 1961 letter to Kennedy indicates that his secret draft of MJ-12 directives was approved.

Dulles's letter firmly suggests that MJ-12 decided not to cooperate with Kennedy. Thus, Kennedy's efforts to incorporate MJ-12 psychological warfare activities under the direct control of his National Security Advisor were dismissed.

So, while Dulles and MJ-12 frustrated Kennedy's efforts to gain access to classified UFO files in late 1961, less than two years later Kennedy embarked

on a course of action that would renew his conflict with MJ-12 and bring it to a devastating climax.

To be continued next issue...

About the Author:

Michael E. Salla, PhD, has held academic appointments in the School of International Service, American University, Washington, DC, (1996–2001) and at the Department of Political Science, Australian National University, Canberra, Australia (1994–96). He taught as an adjunct faculty member at George Washington University, Washington, DC, in 2002. He has a PhD in Government from the University of Queensland, Australia, and an MA in Philosophy from the University of Melbourne, Australia.

Dr Salla is the founder of the Exopolitics Institute (<http://www.exopoliticsinstitute.org>) and the popular website Exopolitics.org. He is the chief editor of *Exopolitics Journal* and co-organiser of the Earth Transformation conferences in Kona, Hawaii (see details of the January 7–10, 2010 conference at <http://earthtransformation.com>).

NEXUS has published several articles by Dr Salla: "An Exopolitical Perspective on the Pre-emptive US-led War

This document clearly acknowledges that Kennedy's efforts to gain access to UFO information soon after coming to office...actually imperilled the existence of the MJ-12 Special Studies Project/Group.

PROPULSION OF ET AND HIGH-FREQUENCY VEHICLES

Technical advances in electromagnetics, plasma dynamics and quantum mechanics are paving the way for a world of "free energy" and the development of craft able to move through the all-embracing aether into the frontiers of space.

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Multiple Methods of Propulsion

The rapid increase in recent decades in sightings of unusual vehicle forms in the skies of Mother Earth suggests a plethora of different and amazing propulsion methods of extraterrestrial (ET) craft, including the more advanced non-heavy-metal "high-frequency" craft.

Recently, large vehicles travelling at great speed and capable of producing smaller ships in voluminous numbers have been seen and could be called "grandmother ships" (see videos taken near Mexico City on May 22, 2009, at www.youtube.com/watch?v=I83v6MqRwcQ).

The question continues to be asked: "What is their source of propulsion and how can they travel such long distances?"

At the outset, there appears to be more than a single method of propulsion for all of the spacecraft seen in our skies. We have been observing for decades that there are many forms of intelligent life in the local universe that have conquered the limitations of our own "classical physics" and are seemingly able to travel across space and time. Consequently, it should be assumed that multiple methods of travel most probably do exist.

Nonetheless, we will briefly examine several energy systems and other possible propulsion technologies that could be used by both ET spacecraft and what we call "high-frequency vehicles", which are those not limited to any local system but operate across many spectrums and realms of intelligence. Still, when these craft enter into this space-time, they operate in practical terms in our world of matter. In *The Book of Knowledge: The Keys of Enoch*® (www.keysofenoch.org), I (Dr J. J.) speak about the use of rotation by both electromagnetic fields and magnetohydrodynamic fields as one of the principle sources of propulsion for these vehicles.

Movement by Perpetual Pulse

The Keys of Enoch tells us that movement takes place "through the worlds of our physical space domain by a perpetual pulse which uses magnetic and electromagnetic poles energized by the grids of Stralim [intense light] radiations" (Key 301:15). The book goes on to state that the vehicles move within an "all-embracing energy field which is composed of multiple magnetic, electromagnetic, and magnetohydrodynamic domains unified into a 'field stasis' using multiple polar denominations". In other words, this is a description of how vehicles operate, having the ability to go faster than the speed of our common light while maintaining what some engineers would call the use of a "perpetual pulse".

So what exactly is a "perpetual pulse" which would use magnetic and electromagnetic energy? First, let us briefly look at the concept of "pulse" technology. The most well-known example of this is the Maglev train system, used in Japan and China, which utilises a magnetic pulse propulsion system. It is so efficient that it not only allows for great speeds but it also allows trains to

climb grades in excess of 10 per cent! The pulsed magnets induce reversed electric currents in the aluminium plates that form the track. The induced currents create their own magnetic fields that oppose those of the train. With the aid of optical sensors, the fields pulse "on" just as the magnets pass the midpoint of the plates and, by repulsion, propel the train forward. The Maglev technology works with this pulsed electricity to propel the train, minimising the amount of power needed.

Pulsed energy, therefore, seems to produce more force per overall energy used than does continuous energy. For this reason, pulse technology is also being developed for several aviation uses and to confirm certain theories. Nuclear pulse technology has also been recently considered for NASA's new *Orion* spacecraft program, where it may require long-distance flights to take a new generation of astronauts to local planets in the next two decades.

More common for aviation is the pulsed plasma thruster (PPT) used for vehicle propulsion, where an arc of electric current can produce quick and repeatable bursts of impulse. This creates a high velocity, much higher than the thermal velocity of chemical engines, and uses the "electromagnetic acceleration" of propellant via the Lorentz force.

PPT was used by the Soviets in early space-flight (e.g., *Zond 2*, launched in 1964) and was used in the first electric thrusters to be deployed in space. It is still being used in flight experiments today on the NASA Goddard Space Flight Center's EO-1 spacecraft (www.nasa.gov/centers/glenn/about/fs23grc.html).

"Free Energy and "Over-Unity" Technologies

The Lorentz force is a well-known force created by the interaction of a magnetic field and an electric current. Consequently, pulse technology can be used with electromagnetic energy. Such electromagnetic energy is now being considered by many "new-energy scientists" who are experimenting to create "over-unity" technologies as the key not only to extraterrestrial travel but also to "free-energy" technologies. So-called "over-unity" and "free-energy" devices do not create energy but, rather, convert existing, potential or usable energy, the source of which is unknown in today's science.

According to inventors Thomas Bearden (www.cheniere.org), Stephen Patrick *et al.*, who filed for a US patent on a "Motionless Electromagnetic Generator" (MEG) (US Patent 6,362,718, granted March 26, 2002), this technology is the right step forward towards such over-unity or free-energy technologies (see www.byronwine.com/files/MEG.pdf). In their abstract, they

claim that their electromagnetic generator prototype includes a permanent magnet and a magnetic core including first and second magnetic paths. It has input coils that are alternately pulsed to provide induced current pulses in the output coils. Driving electrical current through each of the input coils reduces a level of magnetic flux from the permanent magnet within the magnet's path around which the input coil is located. The MEG is reported to have a coefficient of performance greater than one, or over-unity operation.

According to UK physicist Duncan Barker, the MEG is similar to a transformer and consists of a hollow core with a permanent magnet in the middle. Drive coils on either side of the magnet switch the flux back and forth between each side of the core. Pick-up coils on each side of the coil generate a voltage from the changing magnetic flux. A load is then connected to the output of the pick-up coils. The device utilises a geometric phase effect, or the

Aharonov-Bohm effect, discovered by Yakir Aharonov, David Bohm *et al.* in 1959, which is well known in quantum mechanics and quantum electrodynamics. The Aharonov-Bohm effect shows the primacy of potentials over their associated fields, and demonstrates that electric field effects can be created from the magnetic vector potential, A , even in the absence of the magnetic field, B . By using a high-permeability core, the MEG separates the A potential and the

B field whereby the magnetic field, B , is contained only within the high-permeability core. This leaves the vector potential, A , outside the core to create an electric field which is felt by the electrons in the pick-up coils, creating a current.

Over-Unity Measurement Guidelines

Although many inventors and researchers are working to achieve such over-unity conditions, our close associate Patrick Bailey, PhD, a graduate of MIT and formerly a project manager with the Electric Power Research Institute (EPRI), warns the non-scientific observer to be very cautious. Dr Bailey claims that it is not so difficult to show a simple demonstration using the wrong equipment to exhibit a device that creates "more energy out than energy in". Over the last 25 years, Dr Bailey has examined and recorded with one of the authors (Dr J. J.) over 150 technologies of energy systems that have been claimed to have "over unity" performance or new "clean energy" processes.

Dr Bailey affirms, after extensive investigation, that one must use a high-frequency digital oscilloscope to determine the true voltage, current, power and energy measured in such devices. He points out that, in most

More common for aviation is the pulsed plasma thruster (PPT) used for vehicle propulsion, where an arc of electric current can produce quick and repeatable bursts of impulse.

instances, people are measuring high-frequency pulsed DC output or rapidly pulsating current wave-forms, and when they measure these using AC meters that have been calibrated to sine wave 0.707 RMS (root mean square) they can create very inaccurate results. Therefore, testing technology using simply AC meters (like an old VTVM, a vacuum tube volt meter) does not give anyone an accurate measurement of what is truly happening. In fact, with a simple resistor, capacitor and inductor arrangement, such a device can often show a false over-unity measurement because this measurement method ignores the current-to-voltage wave-form phase angle. An accurate measurement requires the voltage versus time to be digitally stored (using many data points per cycle) and the current versus time to be similarly stored, and then the power should be calculated digitally point by point. Then the input power and output power can be averaged from that data over any cycle of interest. This would provide the true output-to-input power ratio. (See www.padrak.com/ine/DANGERS_POWER.html.)

Electromagnetic Energy Devices

There are, nonetheless, many successful technologies moving ahead, and the authors have personally observed the invention produced by Kohei Minato in Toyko, Japan. He has two US patents, one of which is for a "Magnetic Rotation Apparatus" (US Patent 4,751,486, Class 335/272, issued on June 14, 1998). Minato's device is wheel-like and has a rotating shaft with numerous permanent magnets spaced around it, some angled and some not. Minato angles them along the direction of rotation such that the same magnetic pole type faces outward, so that each of the permanent magnets is obliquely arranged with respect to the radial direction line of the rotor.

Although Minato doesn't seek to make claims of "free energy", he does appear to be able to convert energy from an unknown source and thus measure more energy out than energy in. According to reports, Minato's electromagnetic motor has been measured to have an output-input ratio of 4.3:1, where 500 watts of power is generated with only 34 watts of input. In other tests, reports have shown 300 watts of output with 16 watts of input. (For further commentary, see <http://keelynet.com/gravity/curtis.htm>.)

We observed that since Minato is using electromagnets, it only takes a small amount of electricity to charge them, and once they are functioning the "magnetic arrangement"

provides enough energy for the wheel to rotate, producing energy in its rotation and also creating more energy out than in. Equally important for modern technology, it creates little or no heat and no sound, only the rotation of the wheel. Sceptics point out that the Minato device's energy is not derived from permanent magnets but from magnets charged by electricity (electromagnets). However, it is nonetheless a fascinating technology, even if only used for fans in cooling systems as he has produced to date.

There are numerous other electromagnetic projects underway. An e-book entitled *A Practical Guide to Free Energy Devices* has some of the best clear designs of certain ideas and devices (download from www.free-energy-info.co.uk/). Researchers have reported replicating some of these designs with positive results.

Inventor John Bales has created an unusual stator and rotor arrangement. His US Patent 6,552,460, entitled "Brushless Electro-mechanical Machine" (issued on April 22, 2003), has both stator and rotor elements. The stator has at least one set of four toroid-shaped electromagnetic members arranged along an arc, a predetermined distance apart. Each of the members has a slot, and the rotor element includes a disc adapted to pass through the slots. The disc contains a plurality of permanent magnet members spaced side by side about a periphery, arranged so as to have alternating north-south polarities. These permanent magnet members are sized and spaced such that, within the stator arc length, the ratio of stator members to permanent magnet members is about four to six. The electromagnetic members are energised in a four-phase, push-pull fashion to create high torque.

Why are all these scientists intrigued with electromagnetic energy devices? First, the real source of electromagnetic fields is not completely understood; yet there seems to be some "force" that can move objects simply by interacting with the magnetic field, and at the same time generate an electric field. Of course, an electric current generates a magnetic field, as electricity and magnetism are seen as being related to the same force or wave field and are always in some way connected. In permanent magnets, both the magnetic field exists as well as an electric current. However, the question is this: "Is the field within the magnet or without, in the surrounding 'energy flux' or quantum field around the magnet?"

Magnetic fields are always moving or rotating and are generally considered harmless and non-polluting;

Although Minato doesn't seek to make claims of "free energy", he does appear to be able to convert energy from an unknown source and thus measure more energy out than energy in.

theoretically, they could exist in every part of the universe. These motors use some arrangement of north and/or south configurations to try to achieve, with a movement of a wheel or an electric current, an "over-unity" effect (although sometimes a very small part of the power of a secondary circuit is used to energise the primary field). We do believe that spacefaring civilisations could have mastered this technology for continuous travel throughout the universe. Mastering this energy of rotating "wave fields" means that there would be no real need for additional conventional energy sources such as nuclear, fission or solar.

Whereas the Bales device works with alternating north-south polarities, John Bedini has taken a different approach with his device (see www.johnbedini.net). Bedini has worked closely with Tom Bearden and holds US Patent 6,392,370 (issued on May 21, 2002), entitled "Device and Method of a Back EMF Permanent Electromagnetic Motor Generator". This device has a rotor with magnets of the same polarity, plus input and output coils made by wrapping each bar with a conducting material such as copper wire.

One of the newest versions of his motor/generator is a 10-pole machine where the rotor is embedded with permanent magnets in the centre of the motor and the parallel primary and secondary windings on the coils are located on the outside of the motor.

The magnets of the rotor are in opposition to the magnetised pole pieces of the inner coils. This invention works through a process of regauging; that is, the flux field created by the coils is collapsed because of a reversal of the magnetic field in the magnetised pole pieces, thus allowing the capture of available back-EMP (electromagnetic pulse) energy.

Bedini has also worked with the "Hamel Spinner", originally put forth by David Hamel. The device has continued to be developed and demonstrated in a toy configuration, as presently shown by American investigator George Green. It creates what is known as a "magnetic gate", which is produced by having a larger ring composed of north-pole magnets interact with an inner ring also containing strictly north-pole magnets of a lesser number. In the George Green rendition (as seen on www.youtube.com under Project Camelot, which may differ from the above explanation), the inner object readily spins when placed within the larger ring, creating a type of magnetic perpetual motion. Green calls the space between the two a "vortex of energy". This has been corroborated by Jan Merta, the Czech engineer who formerly worked with the National Energy Board in Canada.

Pulse Speed and Electro-Radiant Impulses

Another researcher believes that the secrets of free energy are not in the geometry of the magnetic or voltage pulses, but rather in the quickness of the pulse. Dr Peter Lindemann (www.free-energy.ws/) states in his book *The Free Energy Secrets of Cold Electricity* that when high-voltage spark-gap events are performed correctly, they result in a huge net power gain in the electrical system. The basic reference he uses is a quote from Dr Nikola Tesla in his US Patent 787,412, "Art of Transmitting Electrical Energy Through The Natural Mediums" (issued on April 18, 1905). In this patent, on page two, lines 122–130, Tesla states: "I have found it practicable to produce in this manner an electrical movement thousands of times greater than the initial—that is, the one impressed upon the secondary by the primary A—and I have thus reached activities or rates of flow of electrical energy in the system E' C E measured by many tens of thousands of horsepower." This would indeed be "free energy"!

Dr Lindemann believes that he has replicated some of the technology behind the "Tesla Transformer" by using a high-frequency, high-voltage pulse to produce an "electro-radiant event" (see www.free-energy.ws/radiant-energy.html). This occurs when the direct current is discharged across a spark gap and interrupted abruptly before any reversal of current can occur. He also states that such electro-radiant

We do believe that spacefaring civilisations could have mastered this technology for continuous travel throughout the universe.

impulses shorter than 100 microseconds are completely safe to handle and will not cause electric shock or harm. In addition, electro-radiant impulses shorter than 100 nanoseconds are cold and easily cause lighting effects in vacuum globes. Several other researchers claim to have replicated this work, and further investigations are warranted. A summary of Dr Lindemann's book and these results can be found at www.padrak.com/ncsrif/bailey_082505.doc.

Another interesting effect might be produced when rapid electrical pulses are transmitted around and then back through a permanent magnet! Such experiments are not found in the open literature. In fact, the only known reference for such a device is the "Magnetstromapparat" that was built by Hans Coler for the German government during World War II, as mentioned in the British Intelligence Objectives Sub-Committee Final Report No. 1043, now declassified (see www.research.com/coler/colerb~1.htm).

None of this is new! One of the first technologies that showed this plurality of permanent magnets or magnetic bars positioned at regularly spaced intervals is covered by US Patent 4,025,807, titled "Electromagnetic Motor", issued on May 24, 1977, to Leonard W. Clover. His

invention includes a rotor having a plurality of permanent magnets on its periphery and a stator closely encompassing the rotor, and also having a plurality of intervening permanent magnets and electromagnets positioned for interaction with the rotor magnets. Clover claims that the electromagnets also need to be positioned at appropriate angular intervals on the stator, differing from the angular intervals of the rotor magnets, so that regardless of the instantaneous rotor disposition (when the motor is turned "on") one or more of the electromagnets will be energised to initiate rotation.

Most of these technologies are working with the notion of a stator and a rotor. This is because the foundation of most research is based on the notion that there needs to be a stationary magnet and a spinning rotor. However, some have disputed this notion, as demonstrated by Michael Faraday and later by Bruce DePalma, who saw that the important field is not within the magnet but within the surrounding space.

Wheels within Wheels

However, if we are to reconstruct the prophet Ezekiel's vision of the "wheel within the wheel", we would have to have two objects with semi-parallel or parallel magnets, both of which are able to rotate. Technically, instead of the stator and a rotor, the true wheel within the wheel requires at least two rotors, which may be better suited to utilising the surrounding fields.

The closest design having multiple moving wheels working with electromagnetism in "parallel phase" for energy production is the "design function" that comes from the literal childhood "vision" of British inventor John Searl. His "Searl Effect Generator" (SEG) is the result

(www.searlsolution.com). Searl's prototype generator consists of not just two but three(!) concentric rings (currently fixed to a base), with each ring composed of four different materials. Surrounding each of the rings are rollers and coils to enhance the energy through their movement. Searl is trying to create more than simply an energy technology but also a working flying saucer, which he claims is really an inverse-gravity vehicle.

All of these inventions are hopefully bringing us to the point of not only space travel but a true "free-energy machine". It is interesting that some, like John Searl and Nikola Tesla, have received their designs in vivid visions. Is there some civilisation out there in space or beyond that is trying to help us leave behind spaceship Earth for wider

frontiers? The right scientific breakthroughs now could help solve many of the problems we are facing and could take us into the *real* 21st century.

Magnetohydrodynamics

In many of these test arrangements, permanent magnets are used; but an advanced electromagnetic vehicle may utilise a similar method of simply taking a specific alloy or energised plasma and making the entire structure magnetic with alternating fields to create electromagnetic force. This is not far-fetched because, along with the advancing technology of electromagnetism, there are also interesting developments taking place, especially in Russia, in magnetohydrodynamics (MHD) research. The word describes itself, where "magneto-" stands for a

magnetic field and "hydro-" for a liquid (e.g., water, liquid metal or plasma) in a dynamic movement. Very simply, magnetic fields induce currents in a moving conductive fluid. This action has been considered to be behind the Earth's inner core dynamo and also may be the reason why the Sun produces flares.

Rumours spread in 2005 that three leading French physicists, Drs Jean-Pierre Petit, Claude Poher and Maurice Viton, had constructed the "Petit-Viton Magnetohydrodynamic Motor" by using a combination of both electromagnetic and nuclear energy (for background details, see www.mhdprospects.com/). Claims were also made that it was able to produce over 1,000 million watts of energy and could suppress shock waves so as not to slow down a spacecraft when it came into contact with our atmosphere. Although we could find no definite evidence to support this claim, nevertheless we agree that magnetohydrodynamics may be a

key to the propulsion source of the spacecraft.

Plasma physics has also become very advanced, and such fuels as plasma are becoming more plentiful with low or no carbon byproducts. Plasma gasification, for example, can be created with two electrodes and a pulsed electrical discharge in a "plasma arc".

The importance of MHD was confirmed to us by a declassified document released under the US Freedom of Information Act in regard to a vehicle seen operating over the skies of Brazil. Years ago in Brazil, we saw a report which suggested the propulsion system of one recovered vehicle may have had an MHD power source.

Physicist Robert ("Bob") Lazar (www.boblazar.com) supposedly wrote his thesis on magnetohydrodynamics.

It is interesting that some, like John Searl and Nikola Tesla, have received their designs in vivid visions. Is there some civilisation out there in space or beyond that is trying to help us leave behind spaceship Earth for wider frontiers?

Whether or not people want to agree with Lazar's claims regarding the use of element 115 as an energy source, there is other very interesting information that he made public which does fit with the creation of a plausible "gravity-controlled" system. Yet, in 2004, scientists in America and Russia briefly created element 115 that later decayed into element 113. In fact, the super-heavy element 115 has been designated Ununpentium (Uup).

It is also interesting that Lazar points out in his discussions that a vehicle not only must have a renewable- or free-energy propulsion system but also must be able to have mastery over the Earth's gravitational field. Lazar discusses, as does the text of *The Keys of Enoch*, two forms of gravity: "gravity A" and "gravity B".

The Keys... calls this "gravity" versus "Gravity". He states that "gravity A" is the "gravity" that holds mass together; labelled the "strong nuclear force" in physics, this is what is used to distort space-time for interstellar travel. The normal "gravity" field ("gravity B") is what exists on a stellar and planetary level and is what most people are familiar with in terms of what keeps us walking on the Earth.

Lazar claims that the ET vehicle technology he observed while at "Area S4 inside Area 51" had three large gravity amplifiers, each of which could be independently positioned. He claims that the craft he worked on used one gravity generator to lift itself off the ground, but, once it was hovering in the air, the occupants could swing the two remaining energy generators in front of them to create a distortion field.

A singular amplifier when activated is called the "omicron configuration", and all three functioning together is called the "delta configuration" which is used for outer-space travel. The craft then does not "defy" gravity but creates its own gravity field and travels within that field, following the distortion that it has created. *The Keys of Enoch* tells us that when coming here the "vehicles can create their own energy corridors to appear on the surface of the Earth". *The Keys...* also tells us that vehicles don't "travel" between planets but move within an all-embracing energy field.

Lazar further stresses that the ships make no sound, although others have reported strange high- or low-frequency sounds from their "contact" experiences, which could be related to the energy source that the craft are using.

Lazar also explains that the glowing halo around the spacecraft is due to its high-energy propulsion source which ignites the nitrogen and oxygen in our atmosphere, because when you apply enough energy to gas molecules they emit photons (light).

A Sea of Untapped Energy

According to physicist Tom Bearden: "Every charge in the universe is already a true negative resistor of the purest and most definitive (and easily demonstrated experimentally) kind" (www.icehouse.net/john1/index34.htm). This brings us to our next possible energy resource: zero-point energy (ZPE). Planck and Nernst (1916) sought to define the vacuum field as $hf/2$, which tells us that the average minimum energy is one-half of "h" (Planck's constant) times "f" (the frequency).

However, ZPE could be more clearly defined as the vibrational energy that molecules retain even at absolute zero temperature. The new-energy physicists who are investigating ZPE tell us that it is this energy that exists in every volume of space, which has something to do with the fact that it is very difficult to reach an absolute zero temperature. In fact, ZPE is classically the vibrational energy that molecules retain even at the absolute zero of temperature, where motion never seems to disappear completely.

So ZPE theoretically exists as an underlying sea of energy. This may be directly related to electromagnetism, or it may simply be that every atom in space has a massive field of energy behind it. There is the famous Casimir effect and Planck's black-body spectrum, both of which seem to demonstrate that ZPE exists.

More importantly, new advances in the area of quantum mechanics are revealing that the wave fields or flux may be more like ripples in the state of a universal, all-pervading field. This is in agreement with the research of inventor Dr T. Henry Moray, who in the 1930s reportedly demonstrated to the US press for several days a stand-alone "free-energy" device and who eventually published the book *The Sea of Energy in Which the Earth Floats* (see excerpts at www.rexresearch.com/moray2/morayrer.htm).

The term ZPE was first used in the popular literature in *The Keys of Enoch* over 30 years ago to describe the unusual functional aspects of boundary conditions and the manner in which some forms of life adjust to quantum change. It tells us: "Secondary systems of physical creation must acknowledge the universal zero-point as the origin of galactic matter in the same way a child acknowledges the cord of his mother's womb out of which he is extended" (Key 302:13).

Moreover, physicists like Richard Feynman and John Wheeler reportedly calculated that the quantity of such ZPE or torsion energy contained in a single small object like a coffee cup or a light bulb could boil the oceans, if able to be tapped.

The new-energy physicists who are investigating zero-point energy (ZPE) tell us that it is this energy that exists in every volume of space

Continued on page 81

ARE SUNSPOTS DISAPPEARING?

by Dr Tony Phillips, Science@NASA

The Sun is in the pits of the deepest solar minimum in nearly a century. Weeks and sometimes whole months go by without even a single tiny sunspot. The quiet has dragged out for more than two years, prompting some observers to wonder: are sunspots disappearing?

"Personally, I'm betting that sunspots are coming back," says researcher Matt Penn of the National Solar Observatory (NSO) in

Tucson, Arizona. But, he allows, "there is some evidence that they won't".

Penn's colleague Bill Livingston of the NSO has been measuring the magnetic fields of sunspots for the past 17 years, and he has found a remarkable trend: sunspot magnetism is on the decline.

"Sunspot magnetic fields are dropping by about 50 gauss per year," says Penn. "If we extrapolate this trend into the future, sunspots could completely vanish around the year 2015."

This disappearing act is possible

because sunspots are made of magnetism. The "firmament" of a sunspot is not matter but, rather, a strong magnetic field that appears dark because it blocks the upflow of heat from the Sun's interior. If Earth lost its magnetic field, the solid planet would remain intact; but if a sunspot loses its magnetism, it ceases to exist.

"According to our measurements, sunspots seem to form only if the magnetic field is stronger than about 1500 gauss," says Livingston. "If the current trend continues, we'll hit that threshold in the near future, and solar magnetic fields would become too weak to form sunspots."

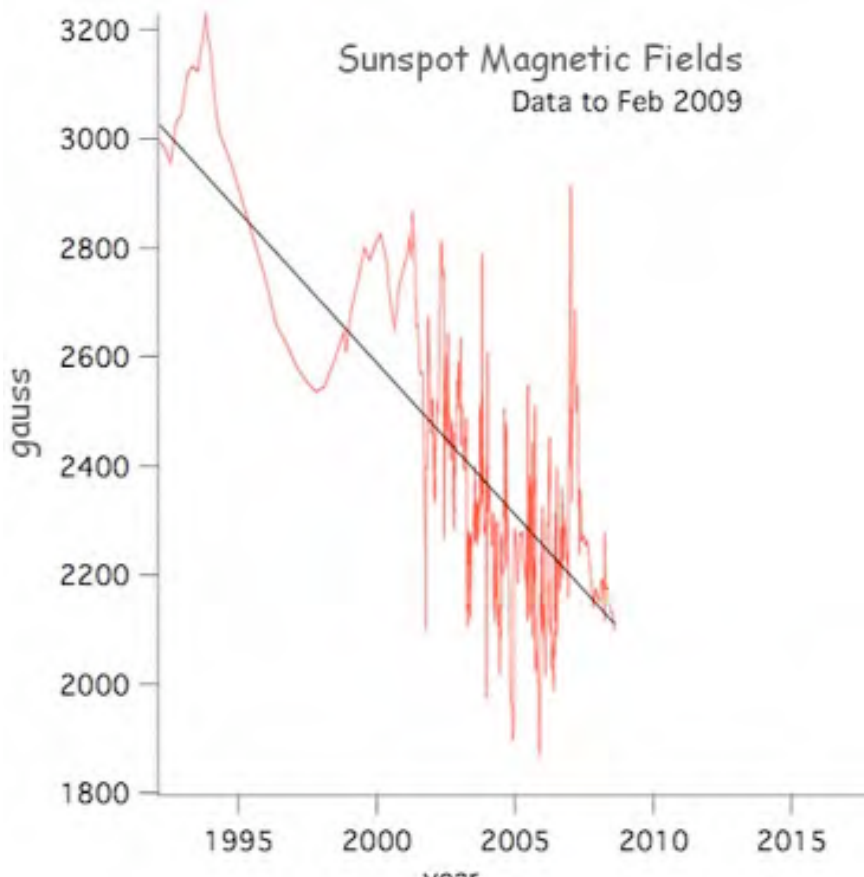
"This work has caused a sensation in the field of solar physics," comments NASA sunspot expert David Hathaway, who is not directly involved in the research.

The controversy is not about the data. "We know Livingston and Penn are excellent observers," says Hathaway. "The trend that they have discovered appears to be real."

The part colleagues have trouble believing is the extrapolation. Hathaway notes that most of their data were taken after the maximum of Solar Cycle 23 (2000–2002) when sunspot activity naturally began to decline. "The drop in magnetic fields could be a normal aspect of the solar cycle and not a sign that sunspots are permanently vanishing."

Penn himself wonders about these points. "Our technique is relatively new and the data stretches back in time only 17 years. We could be observing a temporary downturn that will reverse itself."

The technique they're using was pioneered by Livingston at the



Graph: Sunspot magnetic fields measured by Livingston and Penn from 1992 to February 2009 using an infrared Zeeman splitting technique.

McMath–Pierce solar telescope near Tucson. He looks at a spectral line emitted by iron atoms in the Sun's atmosphere. Sunspot magnetic fields cause the line to split in two—an effect called "Zeeman splitting", named after the Dutch physicist Pieter Zeeman who discovered the phenomenon in the 19th century. The size of the split reveals the intensity of the magnetism.

Astronomers have been measuring sunspot magnetic fields in this general way for nearly a century, but Livingston added a twist. While most researchers measure the splitting of spectral lines in the visible part of the Sun's spectrum, Livingston decided to try an infrared spectral line. Infrared lines are much more sensitive to the Zeeman effect and provide more accurate answers. Also, he dedicated himself to measuring a large number of sunspots—more than 900 between 1998 and 2005 alone. The combination of accuracy and numbers revealed the downturn.

If sunspots do go away, it wouldn't be the first time. In the 17th century, the Sun plunged into a 70-year period of spotlessness, known as the Maunder Minimum, that still baffles scientists. The sunspot drought began in 1645 and lasted until 1715. During that time, some of the best astronomers in history (e.g., Cassini) monitored the Sun and failed to count more than a few dozen sunspots per year compared to the usual thousands.

"Whether [the current downturn] is an omen of long-term sunspot decline, analogous to the Maunder Minimum, remains to be seen," Livingston and Penn caution in a recent issue of *Eos*. "Other indications of solar activity suggest that sunspots must return in earnest within the next year."

Whatever happens, notes Hathaway, "the Sun is behaving in an interesting way and I believe we're about to learn something new".

(Source: by Dr Tony Phillips, Science@NASA, 3 September 2009, http://science.nasa.gov/headlines/y2009/03sep_sunspots.htm)

The Maunder Minimum coincided with the middle—and coldest part—of the "Little Ice Age", during which Europe and North America, and perhaps much of the rest of the world, were subjected to bitterly cold winters.

THE MAUNDER MINIMUM AND THE LITTLE ICE AGE

The Maunder Minimum is the name for the period roughly spanning 1645 to 1715; it was used by John A. Eddy in his landmark 1976 paper published in *Science*. It was a period when sunspots became exceedingly rare, as noted by solar observers of the time. Astronomers before Eddy had also named the period after the solar astronomer Edward W. Maunder (1851–1928), who studied how sunspot latitudes change with time.

During one 30-year period within the Maunder Minimum, astronomers observed only about 50 sunspots—as

opposed to a more typical 40,000–50,000 spots in modern times.

The Maunder Minimum coincided with the middle—and coldest part—of the "Little Ice Age", during which Europe and North America, and perhaps much of the rest of the world, were subjected to bitterly cold winters.

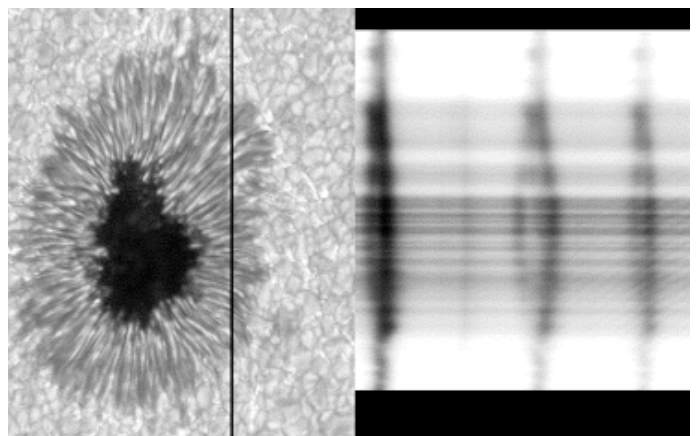
The lower solar activity during the Maunder Minimum affected the amount of cosmic radiation reaching the Earth.

One recently published paper (Vaquero et al., *Solar Physics* 207[2]:219) suggests that the Sun's rotation slowed in the deep Maunder Minimum (1684).

Throughout the Little Ice Age, the world also experienced heightened volcanic activity. Indeed, scientists have tentatively identified four causes of the Little Ice Age: decreased solar activity, increased volcanic activity, internal variability of the climate system, and anthropogenic influences.

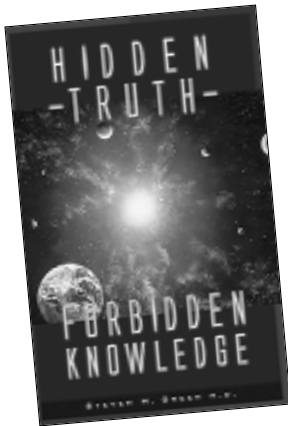
One of the difficulties in identifying the causes is the lack of consensus on what constitutes "normal" climate. ∞

(Sources: Wikipedia, "Maunder Minimum", http://en.wikipedia.org/wiki/Maunder_Minimum; Wikipedia, "Little Ice Age", http://en.wikipedia.org/wiki/Little_Ice_Age)



Zeeman splitting of spectral lines from a strongly magnetised sunspot.

A Must Read!!



HIDDEN TRUTH: FORBIDDEN KNOWLEDGE

by Steven M. Greer MD

From his sighting of a UFO at an early age, to his amazing near-death experience at age 17, to his unraveling of the secret cabal running the illegal transnational energy and UFO – related projects, to his meetings with a CIA Director, US Senators, heads of state and royalty – you will be moved, shocked and enlightened as you read through this memoir. Journey with Dr Greer as he takes you into the corridors of secret power – beyond the government as we know it- to a shadowy cabal of power-mad controllers, and their hidden agenda.

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SHAMBHALA VALLEY OF THE IMMORTALS

*Unusual events,
amazing sightings
and strange
discoveries in Tibet
present a series of
phenomena that,
when plotted on a
map, mark out
"The Shambhala
Triangle".*

Part 2 of 2

by Tony Bushby © June 2009

Website:
www.tonybushby.com

Journey to the Sacred Kingdom

The general populace living in the sky-brushing land of Asia, aptly called the Roof of the World, has been acutely conscious of the verity of Shambhala for centuries now. The belief in a secret Kingdom of Wise People has lived on throughout the ages, and the existence of Shambhala is further supported by a 1,000-year-old record. It comes to us from a Russian source, found in 1893 in a manuscript at the Vyshenski-Uspenski hermitage near Shatsk in Tambov Province. Called "The Saga of Belovodye" (*Belovodye* is Russian for Shambhala, or Land of the Living Gods), the story appeared in the 4 April 1949 edition of *Novaya Zarya* ("New Dawn"), a Russian newspaper in San Francisco.

It relays the account of a young Slavic monk named Sergius, who spent several years in a monastery on Mount Athos in northern Greece, beside the Aegean Sea. The ill health of his father caused him to return to Kiev, and some time after his arrival Sergius, then nearing 30 years of age, obtained an audience with Prince Vladimir the Great (956–1015 CE). His purpose was to relay to him what he had learnt in the monastic library about a mysterious "land in the East where virtue and justice prevailed" ("The Saga of Belovodye", *Novaya Zarya*, *ibid.*). Prince Vladimir was so fascinated by the story of the legendary land that in the year 987 he appointed Sergius leader of a large expeditionary party that he equipped and dispatched in search of this Asiatic wonderland. The prince's advisers estimated the 6,000-mile (9,660-km) round journey would take three years, but decades passed without a word from the expedition. The people of Kiev believed that all members of the team had perished; but in 1043 an old man appeared in Kiev, declaring himself to be the monk Sergius whom Vladimir the Great had sent in search of the Valley of the Immortals some 56 years earlier. The essence of his story was duly recorded and preserved among the mystics of a Russian monastery, and it was that document that was found in 1893.

Father Sergius said that at the end of the second year of their difficult journey, many people and animals in the group had died, either of extreme weather conditions or from attacks by wolves and bears. In one desolate territory, their party came across a pile of skeletons of men, horses, camels and donkeys and they were so terrified that they refused to go any further. Only two of the party agreed to continue with Sergius, and at the end of the third year of travel these two companions were left in a village because of their failing health. Father Sergius himself had reached the limit of endurance but was determined to complete his journey or die. Rumours he heard from the people of various regions through which he passed indicated that such a fabulous land as Shambhala did exist and that he was heading in the right direction. He employed another guide who assured him that he could take him closer to the Sacred Kingdom, which the locals called "the Forbidden Land...the Land of Living Gods and the Land of Wonders" ("The Saga of Belovodye", *ibid.*).

Three months later, Father Sergius reached the borders of Shambhala. At a particular point, his only remaining guide refused to proceed further, frightened of the invisible guardians of the snowy mountains. Sergius was still unafraid of death and full of faith in the existence of a community of holy people that he had set out to find. Besides, he was too exhausted to turn back. After another few days of lonely trekking, he was suddenly accosted by two strangers who made themselves understood to him, even though they spoke an unknown language.

Thereupon Sergius was taken to a village where, after recuperating, he was given a job in a monastic-type establishment collating manuscripts. Later he was moved to an underground cavern lit by a peculiar light that aroused his wonder, "illuminating everything, dispelling darkness and shadows so that all appeared very even and gentle" ("The Saga of Belovodye", *ibid.*). Later, Sergius was moved to a nearby location where he was accepted as a brother.

As the months and years passed, the Slavic monk gained great spiritual knowledge. He was intensely happy that at last he had found patient, compassionate, all-seeing wise people who worked for the benefit of mankind. He learned that, invisibly, they observed everything that was taking place in the outside world and were concerned about growing

forces of evil on Earth. Father Sergius also learned that a number of people from various countries had endeavoured to enter this domain, but without success. The inhabitants observed a strict law whereby only seven persons in a century could visit their abode. Six would return to the outside world with secret knowledge, and one would remain to live in Shambhala without ageing, for time stood still in the clockwork of his genes.

Before his return to Kiev, Father Sergius lived his final years teaching wisdom in a cavern system that was later developed into the Monastery of the Caves. It seems that those six people, like Sergius, became outside co-workers of Shambhala, making up a small outer circle of wisdom-bearers. One, "an associate co-worker of the Mahatmas, Brahma Jyoti of Delhi, [had] been in constant contact with the super-beings in the Himalayas who manage the world by the power of thought" (Anne Marshall, *Hunting the Guru in India*, Victor Gollancz Ltd, London, 1963).

It is also said that "over the centuries, small numbers of Tibetan sages [from the Valley of the Immortals?] were responsible for setting up the White Mystery Schools of the East and West" (Albert Mackey, MD, A

Concise History of Freemasonry, McClure Publishing, Philadelphia, 1917 ed., "Origins" entry). Enlightened souls from Shambhala are considered to be "apostles from the Valley of the Immortals", for those "messengers are directly guided by the Mahatmas and intended for a certain part of the world at a given time in history" (Sergy C. Tatyana, *Crimson Snow-heaps in the Himalayas*, Lvovich Publishing, Moscow, 1925, translation by Larissa M. Vasiler, p. 97).

According to Tibetan lore, significant records of Shambhala and its inhabitants were once in existence. They were published in several volumes of the *Yung-Lo ta-tien*, the largest encyclopaedia in the world, which preserved a mass of ancient knowledge including a collection of ancient yeti sightings (*yeti* means "magical creature" in Tibetan). This magnificent tome, compiled in the 15th century, was composed of 50 million handwritten Chinese characters bound in 11,095 volumes. Once housed in the Yuan Ming Yuan, the Old Summer Palace in Beijing, it mostly perished when the palace was partially destroyed by British and French forces in 1860 during the Second Opium War. Today, only 370 volumes survive, scattered in libraries throughout the world.

When we see how much has been lost of the cultural heritage of older civilisations, we shouldn't find it hard to imagine that there may have

been many earlier "high" civilisations about which little is known, Shambhala being one.

Subterranean Vaults in the Himalayas

Legends of hidden underground libraries, treasures and exquisite artefacts connected to Shambhala are persistently spoken of in Asia and are described as secret storehouses of ancient knowledge. Earlier civilisations saw fit to preserve something of the science and arts of cultures then vanishing through natural catastrophe or war or for other reasons otherworldly or unfathomable.

Tibetan tradition affirms that "time capsules" and precious silk-bound volumes are hidden in the innermost recesses of the "divine" Mt Kangchenjunga, the third highest peak in the Himalayas. Nicholas Roerich learned that a stone door leads to what he called "the Five Sacred Treasures of the Great Snow", and his guides advised him against attempting to enter into the chambers "because everything divulged before the destined date results in untold harm" (N. K. Roerich, *Himalayas – Abode of Light*, Nalanda Publications, Bombay, 1947).

In the Altai Mountains, Roerich also learned that the

Six would return to the outside world with secret knowledge, and one would remain to live in Shambhala without ageing, for time stood still in the clockwork of his genes.

Himalayan foothills have concealed entrances leading to subterranean passages and chambers deep below the surface, where mysterious artefacts and exotic treasures have been stored from the beginning of world history.

Roerich was also told of a secret underground storehouse on the Karakoram Pass in the Himalayas at an elevation of 19,500 feet (5,944 metres). His chief guide advised him that great treasures were preserved under the snowy ridge, and he remarked that even the lowly ones among the populace know of vast caverns that hold ancient artefacts. He enquired whether Roerich was aware of books in the outer world that record the location of these subterranean vaults. The wise old courier had spent years in the mountains and he questioned Roerich as to why foreigners, who claim to know so much, could not find the obvious entrances to underground palaces on the Karakoram Pass.

During his 12 years in northern Tibet in the mid-1800s, Chinese explorer Jia Chun-Pingwa spoke with Buddhist monks who claimed that in a secluded part of the Altyn Tagh Ridge there exists a vast network of underground galleries and museums housing a collection of several million breathtaking artefacts, protected by ever-watchful caretakers. In his memoir, Jia wrote about a subterranean museum that holds miscellaneous *objets d'art* depicting the evolution of mankind on this planet over the course of thousands of years (Jia Chun-Pingwa, *The Land of No Grass and No Water*, The Great Liberation Publishing House, Lhasa, Tibet, 1917; extracts translated for Tony Bushby by Wendy Shin Liu, Jiangwan Town, Shanghai, China, 2009). He described the entrance to this particular series of chambers as being to the left of a

deep gorge containing a small cluster of unimpressive houses that mark the site of what may be the world's greatest museum.

Jia was not the only one to have described this collection. "It is secure from intrusion, and nothing will disturb its age-old collected works ... the entrances are concealed, and vaults with manuscripts and artefacts lie deep within the bowels of the earth" (*Fundamental Promises*, a Chinese Buddhist manuscript c. 1820, author unknown; translation by Ti-tzang, 1911, pp. 79-81, *passim*; original housed in the Library of Tibetan Works and Archives, Dharamsala, India). "A local resident said that at our bazaar, the people of this area come out with strange, very ancient money, and nobody could even

remember when such money was in usage here" (Sergy C. Tatyana, *Crimson Snow-heaps in the Himalayas*, *op. cit.*, p. 231). Author Andrew Tomas was of the opinion that "all these secret places are connected with the mystery of Shambhala" (A. Tomas, *Shambhala: Oasis of Light*, Sphere Books, London, 1977, p. 53).

Madame Helena Petrovna Blavatsky (1831–1891), the Russian-born traveller and mystic who founded the Theosophical Society in 1875, alluded to the existence of Shambhala, giving it currency for western enthusiasts of the occult. She claimed that sages of the East are in a position to release to the world ancient documents that will upset the opinions of historians. She saw a number of secret repositories in northern India, and wrote that initiated yogis know of a vast network of underground libraries that expands out from cave temples right across northern Tibet.

Vatican archives preserve rare reports from early-19th-century missionaries which record that, in times of crisis, leaders of various countries sent deputations into the Himalayas to seek advice from the "Genii in the Mountains" (*Catholic Encyclopedia*, Pecci Edition, vol. ii, p. 299). However, these documents do not reveal where the representatives went.

An undated manuscript written by Monseigneur Delaplace around 120 years ago supports the belief of sages of Central Asia that people with special knowledge live in inaccessible and exclusive parts of the Himalayas (*Annales de la Propagation de la Foi*, translation by Pierre L. Josselin, 1929; extract cited in A. Tomas, *Shambhala*, *op. cit.*, p. 28).

The Tibetan epic of Ghessar Khan foresaw the opening of certain hidden halls of records at a time "when steel ships fly in the

sky", and Madame Blavatsky opined that some hidden manuscripts would be subtly and intentionally released in "a spiritually richer future" (*The Theosophist*, July 1912).

Great is the Tibetan belief in an illumined subterranean people, who on occasion have been seen with torches in the dark. Roerich told of "a man of great appearance who arrived in Tibet from Siberia with his caravaneers and proudly stated, 'I shall prove to you that the tale about the subterranean people is not a fantasy. I shall lead you to the entrances of their subterranean kingdoms'" (N. K. Roerich, *Flame in Chalice*, Nicholas Roerich Museum, New York, 1929). Whether or not he did is not recorded in Roerich's books.

Through all of Asia, through all the deserts, and from

She saw a number of secret repositories in northern India, and wrote that initiated yogis know of a vast network of underground libraries that expands out from cave temples right across northern Tibet.

the oceans to the Urals, wondrous traditions of holy people living in mysterious underground cities exist. And while many pages of the story of man's life on this planet have been torn out by the hand of Time, these ancient traditions do attest to the reality of secret treasures and depositories of rare writings stored in isolation that record knowledge from time immemorial.

The White Pyramid and The Shambhala Triangle

In an attachment to a rare 18th-century Tibetan book *Road to Shambhala* (written by the third Panchen Lama [1738–1780], translation by Cheng Yuan, 1901), intriguing references are made to a winged humanoid race which once lived in Tibet and subsequently "destroyed itself". This same document also records the existence of numerous pyramidal structures in various locations across the Roof of the World, unknown to the western world. Some of these edifices are described as "fabulous", and "multicoloured" versions were set amongst dozens of other pyramids (*ibid.*).

The reality of pyramidal clusters in the Himalayas was confirmed in more recent times, the first available report being that of American trader Fred Meyer Schroder, who in 1912 accidentally stumbled upon a giant pyramid surrounded by smaller structures. Amazed, he asked his Buddhist monk-guide what they represented and was told

that 5,000-year-old lamaist documents not only contain information about the purpose of these pyramids but reveal that they were immensely old when the records were written. If this dating were ever confirmed, the Himalayan pyramids would be older than the accepted dating of the Giza pyramids.

Some 33 years later, another remarkable pyramid was sighted that seems to have embarrassed the scholarly world. In the northern spring of 1945, US Air Force pilot James Gaussman was flying an aircraft from China to India across Tibet when he was forced to reduce altitude because of an engine malfunction. He reportedly said:

I flew around a mountain and then we came to a valley. Directly below us was a gigantic white pyramid. It looked like it was from a fairy tale. The pyramid was draped in shimmering white. It could have been metal, or a form of stone. It was white on all sides. What was most curious about it was its capstone; a large piece of precious gem-like material. I was deeply moved by the colossal size of the thing.

(Hartwig Hausdorf, *Die Weisse Pyramide* ["The White Pyramid"], republished in English as *The Chinese Roswell*, New Paradigm Books, Florida, 1998, p. 112)

Gaussman believed that this pyramid exceeded 1,000 feet (~305 metres) in height, more than double that of

the Great Pyramid of Giza. Gaussman's photographs were never published, but a black and white picture of an earthen pyramid near Xian, the capital of China's Shaanxi Province, was presented to the media in 1990 as the "gigantic white pyramid" that Gaussman supposedly photographed 45 years earlier. However, Gaussman's flight path was some 500 miles (805 kilometres) northwest of the published pyramid photo, and one suspects that this particular image was released by Chinese authorities to keep the existence of the White Pyramid secret from western knowledge.

In 1947, two years after Gaussman's sighting, another US aviator, Maurice Sheahan, flying southwest over Shaanxi Province, also espied a gigantic white pyramid. Several US newspapers, including the *New York Times* (28 March 1947), published accounts of his sighting.

In *Himalayas – Abode of Light*, Roerich spoke of three "frontier posts of Shambhala" that suggest a triangular-shaped area defining the precincts of this mysterious kingdom. The location of these boundary markers is unknown, but when a triangle is created at the same angles as the Great Pyramid of Giza in Egypt (51 degrees 51 minutes), starting at around 50 degrees north latitude and using longitude 88 degrees as the western (base) boundary, it intersects with Gaussman's 1945 flight path near where he sighted the gigantic white pyramid. Using

the southwest continuation of his flight path, the southern "frontier post" is determined at its intersection with longitude 88 degrees. Within this isolated triangle, some surprising events are known to have happened—and probably the most fascinating is the so-called "Tibetan Roswell".

"The Tibetan Roswell"

In the first week of January 1938, a scientific expedition led by Chinese archaeologist Chi Pu Tei penetrated deep into mountainous regions of Baian-Kara-Ula, somewhere near where the Yangtze and Mekong rivers begin their long, meandering course southward. There they discovered a cave system with graves aligned in parallel rows, undisturbed for millennia. These graves were without headstones or epitaphs, but on the cave walls were drawings of figures with elongated heads as well as depictions of planets.

Archaeologists excavated the graves and found skeletons with abnormally large skulls and tiny bodies less than four feet (1.22 metres) in length. On the cavern floor, half-buried in dust, they found the first of 716 strange stone discs, each with a hole in its centre and resembling a long-playing gramophone record.

This same document also records the existence of numerous pyramidal structures in various locations across the Roof of the World, unknown to the western world.

Each disc was incised with grooves spiralling out to the perimeter which were found to be composed of closely written characters that spelled out a message.

Later, in 1962, four scientists led by Japanese professor Tsum Um Nui of Beijing's Academy of Prehistory announced that they had finally decoded the discs. They revealed that the discs told of the crash landing of an alien spacecraft some 12,000 years ago. It seems that the crew survived, but the craft was too badly damaged to be able to fly again. After encountering numerous difficulties in making the spectacular results public knowledge, Professor Tsum Um Nui resigned his position and returned to Japan. However, the scientific community of the Soviet Union did not reject his report, and the results of further testing using an oscillograph supported Professor Tsum Um Nui's dramatic findings.

The Crystal Cave of the Nagas

A passage in the opening pages of the Mahabharata states that this epic was written "in a beautiful valley at the foot of Mount Meru". That valley is said to be Shambhala. It would be fair to conclude that the world's longest epic was originally written in the scriptoriums of the Immortals and then became the foundation of major Eastern understandings. Tradition maintains that Siddhartha Gautama (the Buddha) and Lao Tzu (c. 600 BCE), founder of Taoism, both visited the Valley of the Immortals.

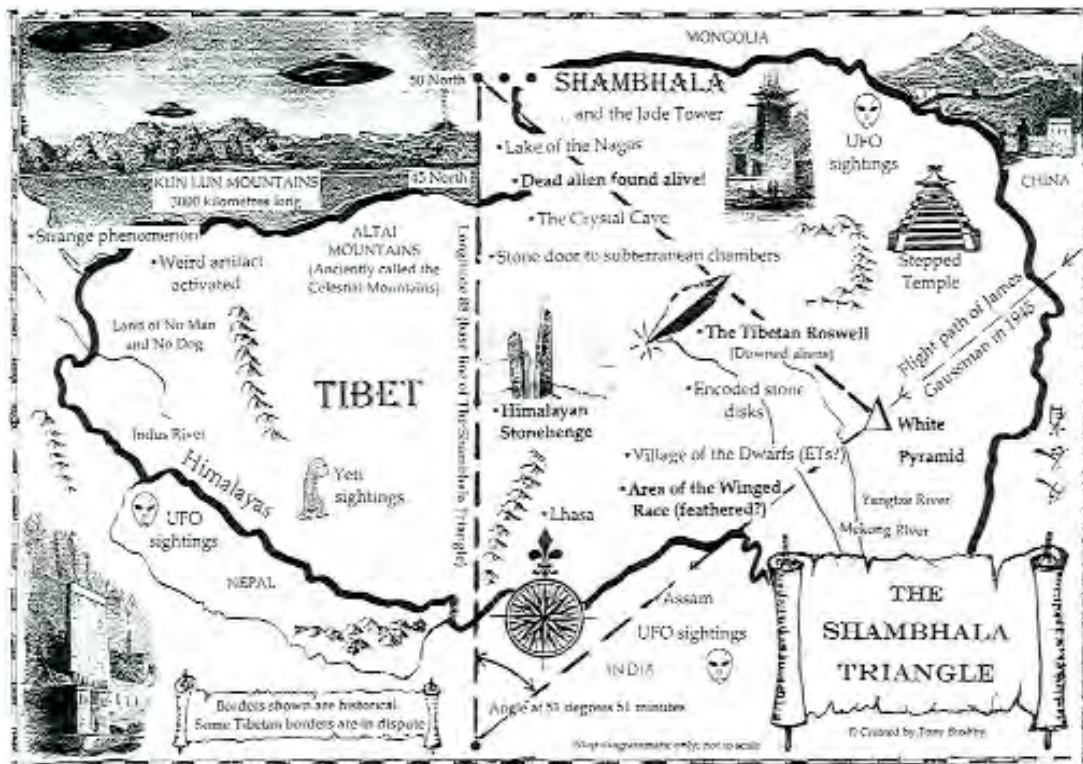
The Bon priests of Tibet admit that they received their faith from this same stream of philosophy (*Baikal* magazine [USSR], no. 3, 1969). The Bon faith, the oldest spiritual tradition in Tibet, developed from a manuscript the priests called "The First Scripture...the True Teaching...the tradition is of Eternal Wisdom...that came from the Immortals of Shambhala" (L. C. Hamamoto, *The Soul Doctrine*, Lhasa, translation by C. Chan, 1916, pp. 97-99, *passim*).

Another ancient Tibetan book also had its origin in the Himalayas. Called the *Bardo Thodol* in Tibetan, it is known

in the western world as *The Tibetan Book of the Dead*, and it is traditionally read aloud to dying persons to help them attain liberation of the soul after death. Tradition maintains that this extraordinary writing originated with a race called the Nagas, and lamaist records indicate that eight members of this race were associated with meetings with the King of Shambhala. In Tibetan understanding, they are noted for their profound wisdom, and the existence of the Nagas is firmly established in the ancient lore of northern India. It is said that the Nagas have human faces of great beauty, serpentine body features and the ability to fly when they emerge from Patala, the Netherworld. Prince Arjuna, Lord Krishna's disciple, is alleged to have visited and conversed with the Nagas. According to tradition, it is said that they live in the Palace of the Serpents in fabulous subterranean abodes illuminated by crystals and precious stones.

Roerich called one of his paintings *The Lake of the Nagas* (1932), and another shows a Naga sitting on an island in a northern Tibetan lake east of the Altai Mountains. This locates the Nagas in The Shambhala Triangle.

Some ancient authors claim that the Nagas (male) and Naginis (female) originally "intermarried with humans, mostly with great kings, queens and sages or humans of great spirituality" (Iamblichus, *On the Mysteries, particularly those of the Egyptians, Chaldeans and the Assyrians*, fourth century; also referenced in *Passport to Shambhala*, West Siberia Geographical Society, 1923, English translation by Professor Vladimir Andrei Vasiliev, 1933, p. 174). It is also said that selected people have



The Shambhala Triangle (© Tony Bushby)

had the privilege of entering the vast caves of the Nagas, connected by tunnels like an anthill, stretching hundreds of kilometres inside the mountain ranges across northern India and deep into northern Tibet.

Roerich's paintings total in the hundreds, and some are of locations in Russia, Mongolia, Egypt and elsewhere. There is something mysterious about the way he handles perspectives and atmospheres that appears to indicate other dimensions and alien orders of being, or at least gateways or portals leading to such. Those fantastic inscribed stones in lonely upland areas; Lao Tzu on the back of a water buffalo heading west into an avenue of arched trees; a massive book some two metres thick, lying open with a person standing on a timber block looking down upon its pages; a human skull of immense size; his subtle depiction of pyramids in the background of several of his paintings—all of these suggest that Roerich was revealing obscure information in painted ciphers. Maybe he was honouring the "Oath of Shambhala", that being an agreement forbidding visitors to reveal openly what they saw or learned while in the Valley of the Immortals (*Passport to Shambhala, op. cit.*, p. 189).

Dead Alien Found Alive!

An American drugs and arms dealer, John Spencer, a resident of China in the years following World War I, inadvertently found himself in a lamaist monastery at Tuerin in southwestern Mongolia. He had collapsed of exhaustion on a mountain track while fleeing authorities in China, and was found by monks who took him to their monastery to recover. At that same time, the monks were hosting another visiting American, William

Thompson, a scholar who was studying Far Eastern religious beliefs in their library.

A few days later, the recuperating John Spencer was exploring external areas of the monastery when he came upon a set of weather-beaten steps leading down to a small metal door. He opened it and entered into a spacious, brightly coloured, 12-sided room. The walls were decorated with drawings of heavenly constellations, celestial bodies and zodiac signs. In wonderment, Spencer ran his hand over the surface of a wall, and unexpectedly a nearby panel noiselessly opened inwards, revealing a dark tunnel beyond. He noticed a pale green light at a distance, and advanced into the gloom. After several minutes, Spencer reached the end of the tunnel and entered a large cavern, brilliant with an eerie green light. Along the length of one wall were 30 coffins, neatly laid out side by side in a long row. Thinking that they may contain jewellery or treasure, Spencer started opening the coffins, and in the first three he found corpses of monks wearing garb similar to that of his monastic helpers.

As Hartwig Hausdorf reported: "In the fourth lay a woman in men's clothing; in the fifth a man who he guessed was from India, and who wore a red silk jacket ... in the third-to-last, there lay, perfectly preserved and clothed in white linen, the body of a male; in the next-to-last coffin there rested the body of a female whose ethnic origins he couldn't quite determine" (*Die Weisse Pyramide*, republished as *The Chinese Roswell, op. cit.*, p. 61, *passim*). Remarkably, the corpses showed no signs of decomposition, and Spencer reasoned that the coffins had been there a long time.

Failing to find any treasure, Spencer finally reached the last coffin and lifted the lid. To his amazement, he looked down upon a small creature dressed in shimmering silver clothing. Its large head was a silvery colour, with huge closed eyelids, no mouth and a short stub of a nose. When he bent down to touch the corpse, its huge opal-shaped eyes suddenly opened and glared at him, emitting a piercing green light that blinded the would-be tomb robber.

Spencer slammed the lid shut and ran petrified from the cavern, tearing his clothing on protruding rock walls in



Roerich called this painting *Most Sacred (Treasure of the Mountain)*. In it, he shows huge crystals dwarfing humans clustered together in the upper left of the picture.

© Nicholas Roerich, 1933 (Nicholas Roerich Museum, New York, <http://www.roerich.org>)

his panic to depart. He re-entered the monastery proper, and was told by a high-ranking lama that the creature he saw was an effigy of "a great master who had come from the stars" (*ibid.*). The lama tried to convince him that he had only imagined that the creature was alive, but Spencer never doubted the reality of his weird encounter. Startled, he related his experience to William Thompson, who subsequently published details in an American periodical, *Adventure*, some time after his return to the USA. A few days later, Spencer left the monastery and disappeared without trace. He was never heard of again.

Russian Scientists View an Ethereal Solar System

"In subterranean Tibet," a bearded guide told Roerich in 1928, "many great treasures of Wisdom are buried; when released, one very old cache of scientific artifacts will stun the world" (N. K. Roerich, *Flame in Chalice*, *op. cit.*).

In 1870, a Russian delegation of scientific scholars may have seen one of those artefacts preserved from an earlier epoch. In a Tibetan lamasery near the Sacred Mountain of Belukha, the group was introduced to an aged lama with a profound knowledge of astronomy and physics. The lama selected two members of the delegation who were expert in planetary knowledge and instructed them in Buddhist concentration techniques and suggested they adopt a vegetarian diet. A few days later, he invited them to his cell where he introduced them to a strange metallic apparatus.

The mysterious device was positioned on the floor and was emitting an odd, stifled sound. From it, a cloudy manifestation appeared that swelled out and developed into a miniature, moving replica of our solar system, with Earth, Venus, Mercury and the other planets slowly revolving around the Sun. Within this ethereal solar system, the scientists noticed an anomalous feature: a 10th planet orbiting beyond the circuit of Pluto. The old lama refused to answer questions about the nature and origin of the pre-holographic solar light machine, but he implied that it had been "brought up for demonstration" (Third Panchen Lama, *Road to Shambhala*, *op. cit.*).

The Laboratories of Shambhala

Ideas of an ancient supernatural community anciently called "the Developers of Mankind", who live in secluded valleys in mountainous expanses in the uplands of northern Tibet, will doubtlessly seem too fantastic for acceptance by the rational western academic mind. However, an examination of historical evidence

accumulated over centuries from widely separated countries demonstrates an essential similarity between their reports. Lamaist chronicles tell of the "culture of the Wise Ones, who during long ages have developed a civilisation and a science of their own in the protective isolation of the snowy mountain ranges of northern Asia" (*Passport to Shambhala*, *op. cit.*, Letter 6, p. 11).

Dr George Roerich, elder son of Professor Nicholas Roerich and Helena Roerich, examined the validity of the Shambhala tradition:

Shambhala is not only considered to be the abode of hidden Buddhist learning, it is the guiding principle of the coming Kalpa, or Cosmic Age [the Age of Shambhala?]. Learned abbots and meditating lamas are said to be in constant communication with this mystic fraternity that guides the destinies of the world. A Western observer is apt to belittle the importance of this name or to relegate the voluminous literature about Shambhala and still vaster oral tradition into the class of folklore or mythology; but those who have studied both literary and popular Buddhism know the terrific force that this name possesses among the masses of Buddhists of higher Asia.

(G. N. Roerich, *Trails to inmost Asia*, Yale University Press, New Haven, 1931)

When all snippets of information about Shambhala are gathered together, a clear picture emerges of the existence of an abode of

superior beings to whom space and time are not obstacles. What adds to our understanding of the reality of the Valley of the Immortals is the availability of reports of the utmost conviction, recording journeys to this fabulous place. For instance, Apollonius' journey in the first century is well documented (as we saw in part one), as is a pilgrimage made by a Chinese surgeon and his Nepalese yogi guide to Shambhala in the early 1920s:

Not long ago in the Shanghai Times, and subsequently in many other newspapers, an extensive article appeared signed by Dr Lao-Tsin, telling of his journey to the Valley of Shambhala. In a vital narrative, Dr Lao-Tsin tells many details of his difficult journey with a Nepalese yogi through Mongolian deserts and severe uplands to the Valley where he found an abode of numerous yogis studying the High Wisdom. His description of the laboratories and also of the famous tower are surprisingly analogous to the description of the remarkable places in other sources. He told of many scientific wonders and of complex experiments in will-power and telepathy, conducted over very great distances.

(N. K. Roerich, *Heart of Asia*, Roerich Museum Press, New York, 1929; cited in A. Tomas, *Shambhala*, *op. cit.*, p. 41)

From it, a cloudy
manifestation appeared
that swelled out and
developed into a miniature,
moving replica of our
solar system...

Two men in the 19th century also reached the utopia and resided there temporarily. On their return, they described wonders about the mysterious colony, but "of still other wonders they were not permitted to speak" (N. K. Roerich, *Heart of Asia*, *op. cit.*).

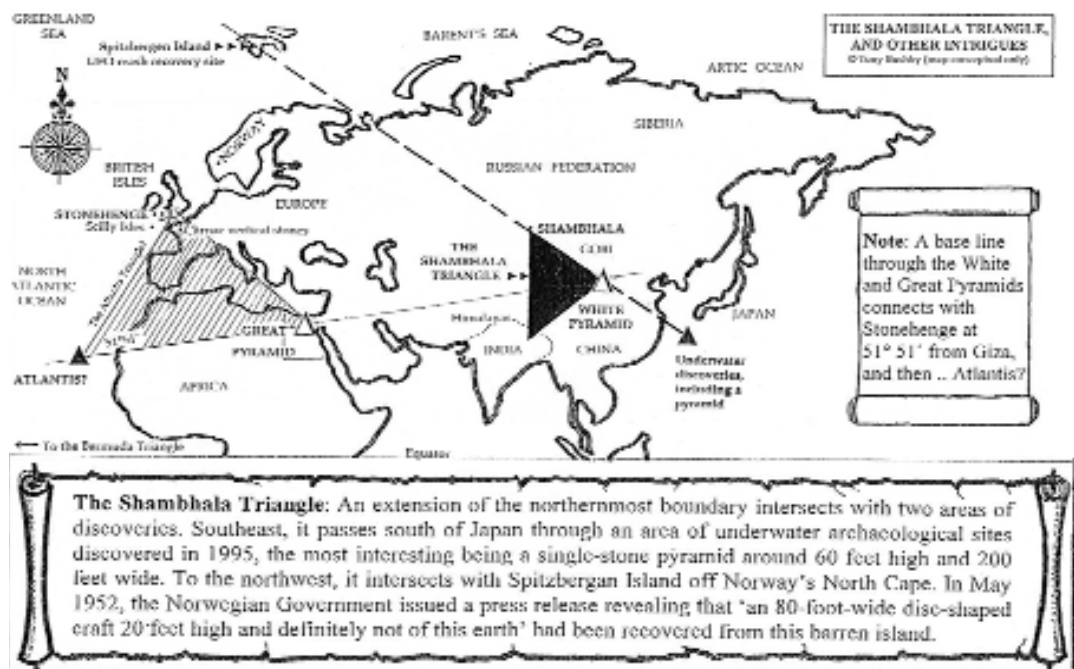
This inaudibility is responsible for the difficulty in finding the full truth about Shambhala, and it is further handicapped by the unwillingness of lamaist sages to discuss the mystery that is one of the most sacred traditions of esoteric Buddhism. Some reports say that people who have been to Shambhala could have said more about

the achievements of the dwellers if not for the Oath of Shambhala that they had been requested to take.

However, from something that Roerich wrote, it seems that both he and his son George visited Shambhala, and what he said reminds us of a comment made by Mahatma Morya (referred to in part one of this article). He called Shambhala the City of Science, and in relation to his comment it is interesting to note that an esoteric science of the East speaks of a collision of Kamaduro, a subterranean fire, with the Cosmic Fire, which can create devastating geological cataclysms if the two are not balanced. The Roerichs claim to have seen instruments for measuring the pressure of these fires "in one of the laboratories of Shambhala" (N. K. Roerich, *Heart of Asia*, *op. cit.*; cited in A. Tomas, *Shambhala*, *op. cit.*, p. 51).

Conclusion

Through the immense spaces of Central Asia, many wanderers preserved their impressions of Shambhala, and the abode has been reached by worthy seekers of Truth, people devoid of selfish motives. Traditions of Tibet impart that at Shambhala, music from invisible instruments can be heard in the air and one can drink the elixir of youth at the Fountain of Eternal Life. The Jade Tower has dancing goddesses carved on its external walls, and the palace complex of the king has its windows framed with lapis lazuli and its roof covered with Jambu gold. Modern explorers like Hausdorf, Prjevalsky, Ossendowski, David-Néel, Tomas and the



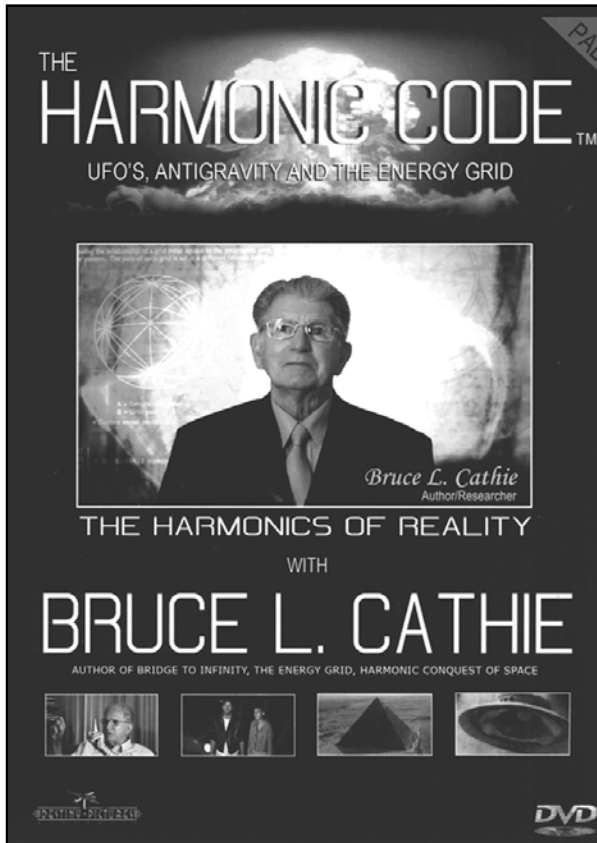
An extension of the northernmost boundary of The Shambhala Triangle intersects with two areas of discoveries. Southeast, the line passes south of Japan through an area of underwater archaeological sites discovered in 1995, the most interesting being a single stone pyramid around 60 feet (~18 metres) high and 200 feet (~61 metres) wide. To the northwest, it intersects with Spitzbergen Island off Norway's North Cape. In May 1952, the Norwegian government issued a press release revealing that "an 80-foot-wide [~24 metres-wide] disc-shaped craft 20 feet [~6.1 metres] high and definitely not of this Earth" had been recovered from this barren island.

Roerichs wrote of the widespread tradition of Shambhala and its cosmic culture that they found during their years in Asia. The thesis of an exotic, hidden community of perfect beings guiding mankind's evolution does not belong in the realm of speculation, and may be shown to be true if the Ruler of Shambhala emerges to destroy the "Hordes of Darkness" and herald in the much prophesied "Age of Shambhala" (Dr G. N. Roerich, *Trails to inmost Asia*, *op. cit.*). Maybe we should consider the possibility that the illumined peoples of Shambhala, on behalf of a Divine Government, are telepathically communicating with us through our dreams and intuition and through our psychics, providing inner guidance for the decisions and choices we have to make in this critical epoch. ∞

About the Author:

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

Tony Bushby can be contacted via his website, <http://www.tonybushby.com>.



THE HARMONIC CODE:

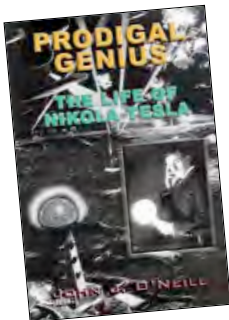
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Nikola Tesla



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STRANGENESS AND WONDER

Crop Circles of 2009

This year's season produced many awesome and beautiful designs including life-form pictograms, symbolic mandalas, bizarre codes and intricate stem-weaving. It also saw clashes between farmers, eager to erase formations from their fields, and croppies, keen to keep them intact and the interest alive.

by Andy Thomas
© August 2009

Email:
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As the year 2012—that now much-discussed epicentre of prophecy—approaches to excite, terrify or disappoint as it may, anything with the remotest paranormal flavour is now being apportioned great significance, accurately or not. The ever-enduring crop circles, however, which have made several direct symbolic references to the celebrated time cycle, do stand out as true "signs of the times" with this in mind. In 2009 there was certainly no let-up in England from the still elusive circle-makers, determined as ever to impress their work upon the public consciousness. This year's circle season will be remembered as a fevered and imaginative one in the UK fields, especially in the earlier part of the summer, while the global picture remained comparatively muted. It seems that the phenomenon is continuing to draw specific attention to the ancient and mysterious heartlands of the Avebury area in Wiltshire, where yet again the vast majority of activity took place this year.

A Busy Early Summer

July and early August are traditionally the liveliest months for English crop glyphs, with a quieter preceding period, but 2009 saw a burst of activity which began on 14 April with a striking symbol of radiating semi-arcs near Avebury and maintained a notable momentum from thereon. April saw five other generally advanced designs in oilseed rape (canola), while May, unusually, delivered nine major formations—including the longest ever found in rapeseed crop (over 600 feet or ~183 metres in length), discovered at Clatford, Wiltshire, on 4 May. The month culminated in the appearance of a huge "jellyfish" at Wayland's Smithy in Oxfordshire on 29 May, approaching 1,000 feet (~305 metres) in length. This striking aquatic symbol found its way into several national newspapers and seemed to spark a burst of media activity around the formations all summer, which saw the Wiltshire fields jostling with camera crews and journalists from around the world.

"Life-form" designs continued as one of the big themes of the year, causing controversy amongst those less comfortable with the authenticity of overt pictorial content but giving delight to others more inspired by direct iconography. As well as the ubiquitous mandala-type formations, the fields of June and July saw everything from fish to dragonflies, from trilobites to swallows. Indeed, bird symbolism produced two of the most stunning emblems of the year: a massive, stylised "phoenix" that arrived on 12 June at Yatesbury, Wiltshire, complete with licks of flame around its tail feathers; and a shimmering hummingbird that appeared at Milk Hill on 2 July, a little reminiscent of the Nazca design of Peru, its shape strikingly delineated by thin standing walls of crop set against a flattened backdrop (this design was claimed to have been made for a television program, but evidence had not been presented by the time of writing and most such claims remain unsubstantiated).



Clatford, near Manton, Wiltshire. Reported 4 May.
Image: © Steve Alexander 2009, www.temporarytemples.co.uk



Milk Hill, Wiltshire. Reported 2 July.
Image: © Lucy Pringle 2009, www.lucypringle.co.uk



Wayland's Smithy, Oxfordshire. Reported 29 May.
Image: © Steve Alexander 2009, www.temporarytemples.co.uk



Yatesbury, near Cherhill, Wiltshire. Reported 12 June.
Image: © Steve Alexander 2009, www.temporarytemples.co.uk

Another notable feature of at least three formations in 2009 was a tendency for them to grow over a series of nights. This had occurred in previous seasons, but a major example was revealed at Milk Hill, Wiltshire, on 21, 23 and 30 June, when a bizarre and entirely ambiguous pictogram performed a three-stage trick, climaxing with the final addition of a colossal tail, hundreds of feet long, comprising a mysterious "code" of rectangular blocks and angular squiggles. The code was immediately dubbed "Mayan" by some, without foundation; but, with the 2012 Maya calendar mindset to the fore, there is a tendency for some circle enthusiasts to pronounce anything remotely resembling ancient script as being Mayan. A highly detailed design found opposite Silbury Hill on 5 July was more deserving of the tag. The same code from Milk Hill was also incorporated into a formation at Alton Priors on 27 June, with the slightly sinister addition of a "Grey" ET face subtly etched into the lay of the oval at its end.

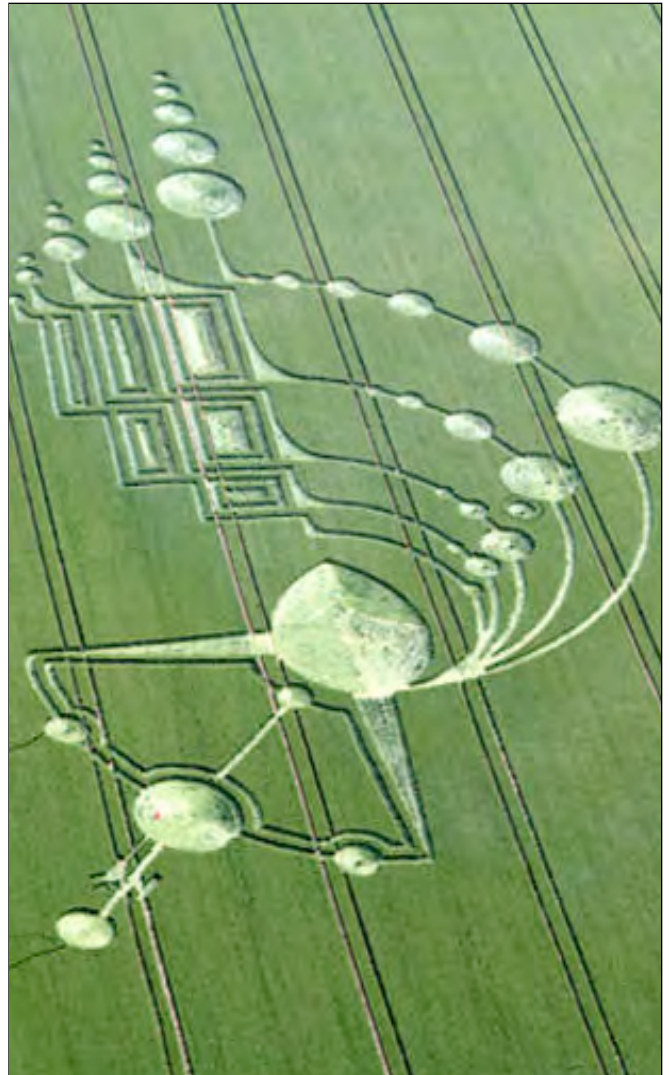
Farmers versus Croppies

Another formation that grew in stages lay opposite the famous Avebury stone avenue, but seemed to do so in defiance of the farmer's attempt to erase it. The initial intricate mandala that appeared on 17 June was cut down as part of the now-growing agricultural campaign to dissuade unwanted visitors to the fields by destroying patterns as soon as they appear. A number of wonderful glyphs were lost this way in 2009, with some barely being photographed before vanishing under the farmer's blades. However, on 18 and 19 June, the avenue design took its revenge by growing a further two stages of circles and tails around the desecrated centre, and a new version of its original configuration reappeared at Waden Hill on 1 July. The phenomenon clearly wasn't going to be put off so easily.

The wilful destruction of circle lays was particularly tragic this year because so many designs exhibited extraordinarily complex stem weaves with wonderfully sculpted elements that were art-forms in themselves at close quarters, such as the inside of a bubble-like pattern found near Silbury Hill on 3 August.

The angst of farmers, keen not to lose revenue, is understandable, of course. Things were not helped when local thieves broke into a robust "honesty box" left near one formation—an action hardly likely to encourage the few farmers left who do accept visitors into their fields.

Things came to a head very publicly on 15 July, when an overzealous guard, hired to keep people out of a field, fired a shotgun over the heads of a group of Norwegian visitors. The police were called and an arrest was made—a moment photographed and splashed across the media—but no charges were pressed beyond a caution. The general attitude of the public was that those entering private property deserved everything they got. Being shot at seems a little drastic, however, and



Milk Hill, near Alton Barnes, Wiltshire. Reported 21 June. Phase two of a three-stage formation that was created on 21, 23 and 30 June. Image: © CCC 2009, www.croptcircleconnector.com



Waden Hill, near Avebury, Wiltshire. Reported 1 July. Image: © Lucy Pringle 2009, www.lucypringle.co.uk

the event marked a new level of hostility to souls also understandably drawn to witness one of the key mysteries of our times. Some new peace initiative may be needed to bridge the "croppies" and the farming community, although past efforts, disappointingly, have failed.

A Quieter Close

Beyond the scandal of the surrounding circus, July and August produced further impressive entries including a massive and beautiful six-armed starfish-like formation on 19 July at Martinsell Hill, Wiltshire, which distinguished itself, through accident or design, by having two of its arms truncated by its odd proximity to the field perimeter.

By August, though, in contrast to the previous season which stayed strong for longer, the rolling momentum and symbolic ingenuity of early summer had notably



Silbury Hill, near Avebury, Wiltshire. Reported 5 July.
Image: © Steve Alexander 2009, www.temporarytemples.co.uk



Avebury Avenue, near Avebury, Wiltshire. Reported 17 June.
Final view of the three-stage formation of 17-19 June,
stage one of which was mowed by the farmer on 17 June.
Image: © Olivier Morel (WCCSG) 2009, www.wccsg.com.

calmed into a few pleasant but less distinctive efforts, with the exception of an interesting astronomical-looking configuration at Windmill Hill, Wiltshire, on 6 August. Two detailed and attractive mandalas seemed to mark the end of the main season, on 12 August at Wayland's Smithy and on 16 August at Tidcombe, Wiltshire. However, 29 August saw a new and large pattern in maize, once again at Wayland's Smithy. As 2008 saw a burst of September activity in maize fields, the circle phenomenon may yet have some late surprises in store this time around.

The Strangeness Deepens

Earlier in this piece I used the word "authenticity". But what does this mean in the context of a phenomenon that no-one, after all these years, has ever managed to suss in terms of defining the source? Claimed litmus tests come and go as regularly as hoax assertions, yet no-one seems any the wiser as to what is really going on.

An American camera crew who settled into Wiltshire for the whole season and conducted night watches and experiments, but also went out to film known human circlemakers at work, admitted that they honestly believed that by the end of the summer they would have nailed what was really going on, one way or the other. Instead, like others before them, they were astonished to find only ever-deeper layers of confusion and mystery. Despite various enthusiasts this year having taken many videos showing orbs, spheres and cigar-like objects flying over the Wiltshire fields, the crew didn't manage to film a formation arriving (the holy grail of circle research), but neither, after numerous watches with night-sight cameras in areas where new formations did appear, did they witness hordes of people wandering around with planks of wood. As such, they realised that something beyond mundane explanation was going on.

One video, shot by researcher Winston Keech, who had his camera trained on the famous fields of Alton

Barnes on 14 July—the night that a two-armed "basket-woven" circle arrived there—did, however, manage to capture something of interest. In the footage taken in the very early hours of the morning, two bright flashes are seen to occur in the field, resulting in the apparent instant materialisation of two large and amorphous dark blobs. Then, the clearer figures of what seem to be people apparently start to arrive in the field, and the new formation can be seen as the light comes up. This footage is being promoted in certain quarters to support the suggestion that some sort of co-creation process may be going on: "shadow" entities controlling humans to create patterns they wouldn't otherwise be capable of making.

Yet, as the American camera crew found, this year there were also many tales of groups sitting very close to fields where new formations were discovered as the dawn arrived—with absolutely nothing having been seen or heard all night, suggesting an entire absence of common-or-garden plunkers. Indeed, a triple circle design at West Overton on 9 August seems to have



Windmill Hill, Wiltshire. Reported 6 August.
Image: © Lucy Pringle 2009, www.lucypringle.co.uk



Wayland's Smithy Long Barrow, near Odstone Hill, Oxfordshire. Reported 12 August.
Image: © Crop Circle Connector 2009, www.cropcircleconnector.com

appeared in daylight hours (like many before it), with claims that it wasn't there at first light, although it had arrived by 10.45 am when it was spotted by aerial photographer Lucy Pringle.

And so the mystery only deepens further—and with it the interest, which refuses to go away despite all the sceptical propaganda continually fed to the public.

The Global Picture

The crop circle phenomenon, while still essentially focusing on England, with 71 events (to date) this year, tipped the hat to other countries by continuing its usual 50 or so reported global events. Germany produced the most out of all the other nations, albeit with just 10 patterns, the best being a very neat double-spiral recorded at Barterode in Lower Saxony on 12 July. Italy in recent years has been a keen contender, too, but in 2009 produced only seven designs, although the very beautiful 12-fold mandala at Cascina Martina in Torino



South Field, near Alton Priors, Wiltshire. Reported 27 June. Image: © Olivier Morel (WCCSG) 2009, www.wccsg.com

on 20 June would have sat quite happily with some of its UK counterparts. While just single formations were reported in the likes of Poland, Switzerland and the USA, Belgium with four events and The Netherlands with six were the only other countries to show signs of significant activity.

Indeed, the most distinctive product of the Dutch fields was a man-made effort created to mark the 200th anniversary of the artistic Royal Wilhelminapolder Society. This impressive hybrid of butterfly and da Vinci's "Vitruvian Man" was a curious synchronicity, given the cerealogical fuss made this summer over the controversial web postings of an enigmatic character known as "Mothman", later revealed to be a well-known circles researcher. The huge creation, covering nearly an entire field, reportedly took 55 people two days to make over 6–7 August.

Some were disappointed to hear it was man-made (and some have challenged the claim). But at the same time, given that many large formations have arrived within very short periods over the years with no sightings of the likes of 55 people crashing around the fields, exercises like this usefully demonstrate what an extraordinary unexplained phenomenon we do still have in the shape of the masterpieces which continue to arrive under circumstances that so often defy such explanations. However many formations may be man-made, there is always a significant proportion that (like butterflies) cannot and should not be pinned down that way.

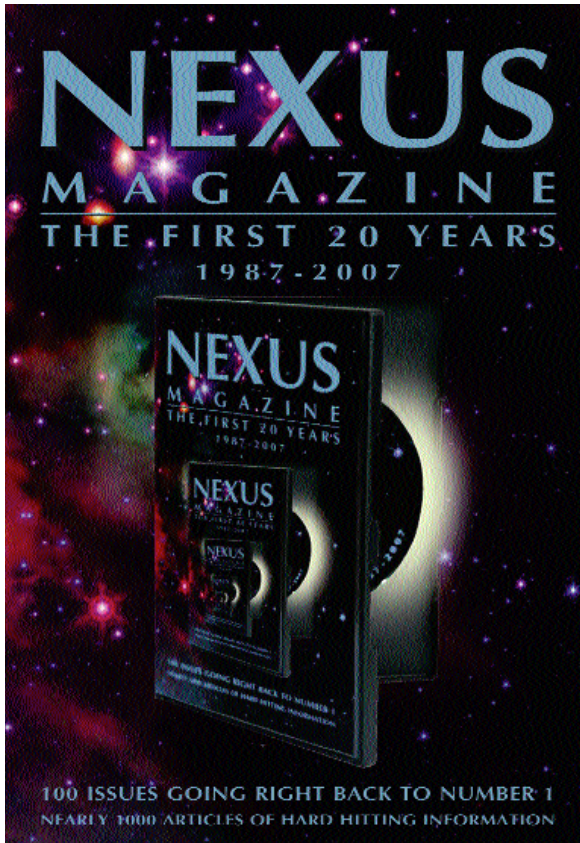
As ever, 2009 had its fair share of excitement, heated debates and amazing glyphs; but the continued boom of UK circle numbers, in contrast to the global picture, increasingly suggests that the anticipated grand events of the next few years will see England, for whatever reason, at the heart of it all (as I have alluded to before)—especially with the impending Olympics due to focus ever more attention here in the run-up to the summer of 2012... Watch this space. ∞

About the Author:

Andy Thomas is one of the world's leading mysteries researchers and is the author of five books on the crop circle phenomenon, including *Vital Signs*, considered by many to be the definitive guide. His new book *The Truth Agenda: Making Sense of Unexplained Mysteries, Global Cover-Ups and 2012 Prophecies* has recently been published and is reviewed in this edition. For more details, see <http://www.vitalsignspublishing.co.uk>. Andy Thomas can be contacted by email at info@vitalsignspublishing.co.uk.

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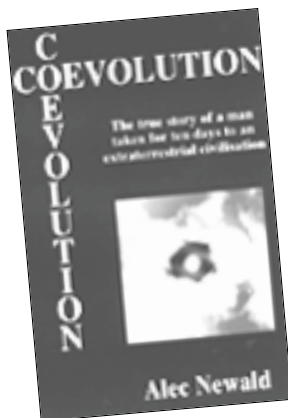


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CoEvolution



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

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 LAST PROPHECY OF PETER DEUNOV

Also known under the spiritual name of Beinsa Douno, the Bulgarian Master Peter Deunov (1864–1944) was considered a being of a very high level of consciousness as well as an incomparable musician. During his whole life he was an example of purity, wisdom, intelligence and creativity.

Some days before his departure to the other world, while in a profound mediumistic trance he made an extraordinary prophecy about our troubled epoch, about the "end of time" and the coming of a new Golden Age of humanity.

— Michael Brine

During the passage of time, the consciousness of man has traversed a very long period of obscurity. This phase, which the Hindus call Kali Yuga, is on the verge of ending. We find ourselves today at the frontier between two epochs: the Kali Yuga and the New Era we are entering.

A gradual improvement is already occurring in the thoughts, sentiments and acts of humans, but everybody will soon be subjugated to Divine Fire that will purify and prepare them in regard to the New Era. Thus man will raise

himself to a superior degree of consciousness, indispensable to his entrance to the New Life. That is what one understands by Ascension.

Some decades will pass before this Fire will come that will transform the world by bringing it a new moral. This immense wave comes from cosmic space and will inundate the entire Earth. All those that attempt to oppose it will be carried off and transferred elsewhere.

Although the inhabitants of this planet do not all find themselves at the same degree of evolution, the new wave will be felt by each one of us. This transformation will not only touch the Earth but the entire Cosmos.

The best and only thing that man can do now is turn towards God and improve himself consciously to elevate his vibratory level so as to find himself in harmony with the powerful wave that will soon submerge him.

The Fire of which I speak, that accompanies the new conditions offered to our planet, will rejuvenate, purify, reconstruct everything: matter will be refined; your hearts will be liberated from anguish, troubles, incertitude, and they will become luminous; everything will be improved,

elevated; the thoughts, sentiments and negative acts will be consumed and destroyed.

Your present life is slavery, a heavy prison. Understand your situation and liberate yourself from it. I tell you this: exit from your prison! It is really a sorry sight to see so much misleading, so much suffering, so much incapacity to understand where one's true happiness lies.

Everything that is around you will soon collapse and disappear. Nothing will be left of this civilisation or its perversity. The entire Earth will be shaken and no trace will be left of this erroneous culture that maintains men under the yoke of ignorance. Earthquakes are not only mechanical phenomena: their goal is also to awaken the intellect and the heart of humans so that they liberate themselves from their errors and their follies and understand that they are not the only ones in the Universe.

Our solar system is now traversing a region of the Cosmos where a constellation that was destroyed has left its mark, its dust. This crossing of a contaminated space is a source of poisoning, not only for the inhabitants of the Earth but for all the inhabitants

of the other planets of our galaxy. Only the suns are not affected by the influence of this hostile environment. This region is called "the thirteenth zone"; one also calls it "the zone of contradictions". Our planet was enclosed in this region for thousands of years, but finally we are approaching the exit of this space of darkness and we are on the point of attaining a more spiritual region where more evolved beings live.

The Earth is now following an ascending movement and everyone should force themselves to harmonise with the currents of the Ascension. Those who refuse to subjugate themselves to this orientation will lose the advantage of good conditions that are offered in the future to elevate themselves. They will remain behind in evolution and must wait tens of millions of years for the coming of a new ascending wave.

The Earth, the solar system, the Universe—all are being put in a new direction under the impulsion of Love. Most of you still consider Love as a derisory force, but in reality it is the greatest of all forces! Money and power continue to be venerated as if the course of your life depended upon it. In the future, all will be subjugated to Love and all will serve it. But it is through suffering and difficulties that the consciousness of man will be awakened.

The terrible predictions of the prophet Daniel written in the Bible relate to the epoch that is opening. There will be floods, hurricanes, gigantic fires and earthquakes that will sweep away everything. Blood will flow in abundance. There will be revolutions; terrible explosions will resound in numerous regions of the Earth. Where there is earth, water will come, and where there is water, earth will come. God is Love, yet we are dealing here with a chastisement, a reply by Nature against the crimes perpetrated by man since the night of time against his Mother, the Earth.

After these sufferings, those that will be saved, the elite, will know the Golden Age, harmony and unlimited beauty. Thus keep your peace and your faith when the time comes for suffering and terror, because it is written that not a hair will fall from the head of the just. Don't be discouraged; simply follow your work of personal perfection.

The New Era of the Sixth Race

You have no idea of the grandiose future that awaits you. A New Earth will soon see day. In a few decades, the work will be less exacting and each one

**The Earth will soon
be swept by
extraordinary,
rapid waves of
Cosmic Electricity.**

will have the time to consecrate spiritual, intellectual and artistic activities. The question of rapport between man and woman will be finally resolved in harmony, each one having the possibility of following their aspirations. The relations of couples will be founded on reciprocal respect and esteem.

Humans will voyage through the different planes of space and break through intergalactic space. They will study their functioning and will rapidly be able to know the Divine World, to fuse with the Head of the Universe.

The New Era is that of the sixth race. Your predestination is to prepare yourself for it, to welcome it and to live it. The sixth race will build itself around the idea of Fraternity. There will be no more conflicts of personal interests: the single aspiration of each one will be to conform to the Law of Love. The sixth race will be that of Love. A new continent will be formed for it. It will emerge from the Pacific, so that the Most High can finally establish His

place on this planet.

The founders of this new civilisation I call Brothers of Humanity and Children of Love. They will be unshakeable for the good and they will represent a new type of men. Men will form a family, as a large body, and each people will represent an organ in this body. In the new race, Love will manifest in such a perfect manner that today's man can only have a very vague idea.

The Earth will remain a terrain favourable to struggle, but the forces of darkness will retreat and the Earth will be liberated from them. Humans seeing that there is no other path will engage themselves to the path of the New Life, that of salvation. In their senseless pride, some will, to the end, hope to continue on Earth a life that the Divine Order condemns, but each one will finish by understanding that the direction of the world doesn't belong to them.

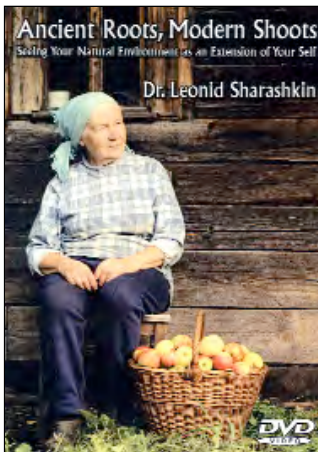
A new culture will see the light of day. It will rest on three principal foundations: the elevation of woman, the elevation of the meek and humble, and the protection of the rights of man.

The light, the good and justice will triumph; it is just a question of time. The religions should be purified. Each contains a particle of the Teaching of the Masters of Light, but is obscured by the incessant supply of human deviation. All the believers will have to unite and put themselves in agreement with one principle, that of placing Love as the base of all belief, whatever it may be. Love and Fraternity, that is the common base!

The Earth will soon be swept by extraordinary, rapid waves of Cosmic Electricity. A few decades from now, beings who are bad and lead others astray will not be able to support their intensity. They will thus be absorbed by Cosmic Fire that will consume the bad that they possess. Then they will repent because it is written that "each flesh shall glorify God".

Continued on page 82

Two DVDs from Dr Leonid Sharashkin, the editor of *Anastasia*, and the *Ringing Cedars* series of books



ANCIENT ROOTS, MODERN SHOOTS Seeing Your Natural Environment as an Extension of Your Self

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

RECONNECTING TO NATURE THROUGH

SPIRITUAL PERMACULTURE

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

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Weather Warfare



WEATHER WARFARE The Military's Plan to Draft Mother Nature by Jerry E. Smith

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

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Perpetual Motion



PERPETUAL MOTION The History of an Obsession

by Arthur W.J.G. Ord-Hume

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

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REVIEWS

BOOKS

Reviewed by Ruth Parnell

CROP CIRCLES: The Bones of God by Michael Glickman

Frog Books, Berkeley, CA, USA, 2009
ISBN 978-1-58394-228-4 (139pp tpb)

Available: northatlanticbooks.com

Architect Michael Glickman dissects the geometry and mathematics of crop circles in this follow-up to his 2007 *Cornography* compilation (see review, 14/06). His coverage starts with the famous Alton Barnes "agriglyph" of 1990, which heralded a change from the circular designs observed up till then to designs of increasing size, complexity and beauty—and not just circular in shape, although the name "crop circles" had already stuck by then.

The crop circles are an affront to our worldview, Glickman says, and he despairs that science, art, academia and the media have not embraced their sheer mystery and beauty, where no one design is repeated in the fields year after year. He is at odds with those who so glibly decry the precision encompassed in these ever-evolving designs.

This journey takes in key years right up to 2008, with the Barbury Castle formation showing a representation

of the solar system at the 2012 solstice—a significant date for those focused on dimensional shift and the start of a new world in accordance with the Mayan calendar. Sacred geometry, DNA helical and fractal forms, serendipitous experiences, psychic manifestations and parallel realities are all part of Glickman's insightful view into this constantly astonishing phenomenon.

After nearly two decades of investigation, Glickman can't help but conclude there is "an as-yet-unknown non-earthly intelligence or civilization" behind it all.

THE NEW CIRCLEMAKERS

by Andrew Collins

4th Dimension Press, Virginia Beach, VA, 2009 (first pub. ABC Books, 1992)

ISBN 978-0-87604-549-7 (261pp tpb)

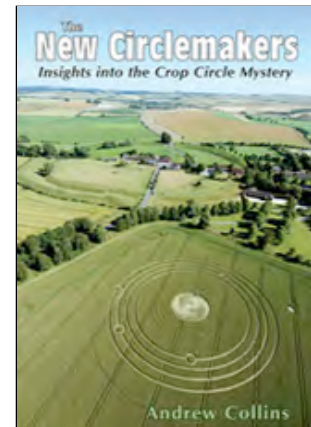
Available: 4thDimensionPress.com

In preparing this new edition of his 1992 book, Andrew Collins reflected on the crop circle phenomenon in the ensuing 17 years. He is amazed at its progress and how his own views have changed. He excuses himself for the freshness and naivety he exhibited back then, but wonders why the more common perception these days amongst crop circle devotees is to fear pronouncing a hoaxed formation as meaningful. So, it's time to revisit

what made the crop circle subject so innovative and inspirational, he says.

Collins takes us back to the time of some legendary early crop formations (e.g., Barbury Castle, 1991) and covers the phenomenon's "lowest ever point" with the Doug and Dave planking hoaxes. In this new edition (illustrated with a centre section of colour plates), he adds far-reaching new material and contemplates ideas to do with the fifth dimension, plasma life and ET intelligence.

His 1992 book was also a prelude to his full-time writing career, which has produced such works as *From the Ashes of Angels* and *Gods of Eden* (see 4/01 and 5/04). Collins acknowledges that the circle phenomenon doesn't seem to be going away, and he offers ways for us to commune with it.



REVIEWS



HEALING YOUNG BRAINS

by Robert W. Hill, PhD, and Eduardo Castro, MD

Hampton Roads, Charlottesville, 2009
ISBN 978-1-57174-603-0 (344pp tpb)
Available: www.hrpub.com

Millions of young people are affected by disorders that can be treated successfully without resorting to dangerous pharmaceutical drugs. The alternative path, according to Robert Hill, PhD, and Eduardo Castro, MD (authors of *Getting Rid of Ritalin*, reviewed in 9/05), employs the non-invasive, cost-effective, easy-to-use treatment of neurofeedback, or brainwave biofeedback.

Health conditions that respond well to this treatment include anxiety and panic attacks, attention disorders, autism, bipolar disorder, depression, epilepsy, headaches, learning difficulties, self-esteem problems, sleep disorders and tics. The authors explain how neurofeedback helps the brain to reorder its frequencies and achieve permanent balance, thus restoring normal function and alleviating, if not curing, these ailments. Often by treating a prime disorder, such as ADHD, other related problems in the "cluster", such as lethargy and low self-esteem, are resolved at the same time.

Drs Hill and Castro tackle each

disorder in detail, explaining how a neurofeedback session works using an EEG computer system and how long it takes to expect to see results. They include anecdotes from their clinical work and give actionable advice on appropriate nutrition and reducing the toxic load in the immediate environment. In the vast majority of cases, neurofeedback has powerful self-healing effects.

This book is a godsend for parents dealing with seemingly intractable problems in their children.

HEALING OUR HORMONES, HEALING OUR LIVES

by Linda Crockett

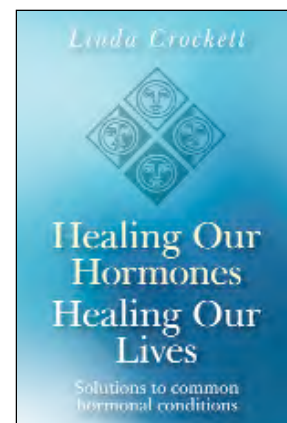
O Books, Hants., UK, 2009
ISBN 978-1-84694-168-9 (227pp tpb)
Available: www.o-books.net

UK-based holistic practitioner Linda Crockett has been treating women's hormonal problems for the last 10 years. Her approach takes in emotional and spiritual dimensions, not just physical. She offers "solutions" to a variety of common hormonal complaints, from PMT to menopausal changes, as well as related issues like candida infestation and insulin resistance.

Crockett considers that at the heart of hormonal flux are emotional stress factors that can include lovelessness,

criticism, loneliness, loss, sexual abuse and more. These traumas change the body's chemistry; the wounds become embedded in the unconscious mind, and hormonal imbalance is a manifestation of these negative beliefs. The way to self-healing involves understanding the endocrine system and each of its hormones, the energy of emotions and the wisdom of the spirit, and she gives plenty of facts and inspiration throughout her book.

Crockett utilises herbal and nutritional therapies to treat specific health conditions and provides tools, including meditation, visualisation and hands-on practices, for spiritual healing. There's a wealth of actionable information in her refreshing and accessible book.





REVIEWS

THE BONE READERS

by Claudio Tuniz, Richard Gillespie & Cheryl Jones

Allen & Unwin, Australia, 2009
ISBN 978-1-74114-728-5 (256pp tpb)
Available: www.allenandunwin.com

The prehistory of Australia and its geographical region is a controversial subject. Here, the authors (Prof. Tuniz, a geochronology expert; Dr Gillespie, an authority on bone-dating; Ms Jones, a science journalist) discuss cross-disciplinary scientific developments against a backdrop of the politics and personalities involved, both in Australia and abroad.

In the first section, Landfall, they examine findings on dating the arrival and presence of Aboriginal people in Australia, and show how studies of strata and tree rings as well as different dating techniques are fine-tuning our understanding but are often still coming up with divergent explanations. Next, in Extinction, they dwell on the vexed issue of the demise of Australia's megafauna and what part the indigenous people may have played in it. They also consider the role of asteroid and comet impacts. Finally, in Origins, they cover the "gene wars", arguments about human evolution and mitochondrial DNA, the

discovery of the tiny "Hobbit" species on Flores, and comparisons between modern man and Neanderthals.

The Bone Readers is a fascinating summary of some of the great quandaries of our time, interspersed with revelations that heated debate and mud-slinging are part and parcel of the progress of science.

MASSACRES TO MINING

by Jan Roberts

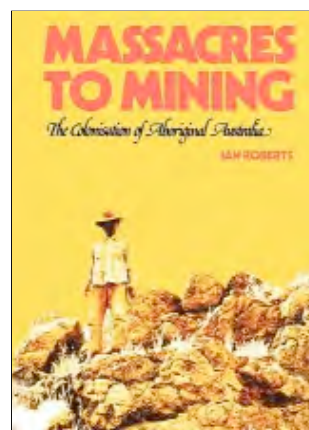
Impact Investigative Media
Productions, UK, 1978–2008
ISBN 978-0-9559177-1-4 (198pp tpb)
Available: www.janineroberts.com

When this book was first published in the UK in 1978, it did much to make the international audience aware of the appalling treatment Australia's Aborigines have been subjected to since the beginning of British colonisation 200 years before (and indeed, since the Dutch tried to set up a mine in 1606). The 1981 Australian edition as well as a film raised awareness at home.

Author Jan Roberts (*Glitter & Greed*, 16/05) has now republished *Massacres to Mining* with new forewords. In hers, she makes it clear that from 1996 the Howard Liberal government went out of its way to try to "claw back" the native title rights won by Aboriginal groups in 1992 in the High Court.

With the Rudd Labor government's apology to the original landowners and the Stolen Generations in 2008, there's hope that the wrongs of the past are being righted, but there's a long way to go, especially when uranium mining companies are still trying to desecrate native lands and decimate their peoples.

For her landmark book, Roberts delved into historical records and lived and worked with Aboriginal tribal groups to get a perspective on waves of invasion by colonists, missionaries, pastoralists, miners and foresters. This is a story of genocide, racism, rape, pillage, discrimination, poverty, disease, betrayal and the dispossession of a beautiful people intricately linked to their land and the spirit world.



REVIEWS



SKY KNOWLEDGE

by Ian James

Sky Knowledge Prodn, Aust, 2008
ISBN 978-0-9805146-0-5 (498pp tpb)
Available: www.skyknowledge.com

While not a book about astrology alone, *Sky Knowledge* reviews humanity's relationship with the cosmos and rediscovers ancient ideas and ways of thinking, many of which were based on noticing changes in the heavenly firmament. Author Ian James has divided his book into three sections, with appendices on his sources as well as an introduction to his "Astro-Logical Almanack".

In the first section, he describes our physical place in the cosmos, gives an overview of astrology, and discusses widespread myths about "the gods". He takes in celestial mechanics, a primaevial calendar and aspects of solar and lunar influences on plant life. He dives into the world of omens and superstitions and rides the timeline from the past to the present and the future.

In the second part, James ponders the meaning behind lunar festivals and the personae of the planets and investigates the development of zodiacal maps with their references to the gods and animals.

Finally, he introduces the Sun and notes how its cosmic qualities relate

to humanity in terms of the shaping of our thoughts and morality systems and the structuring of our languages.

James's work is a visionary, thought-provoking perspective on cosmology and our part in the Cosmic Dance.

LOST CITIES & ANCIENT MYSTERIES OF THE SOUTHWEST

by David Hatcher Childress

Adventures Unlimited Press, 2009

ISBN 978-1-931882-94-1 (576pp tpb)

Avail: adventuresunlimitedpress.com

In the spirit of "Beat" poets like Jack Kerouac and Jack Cassady, maverick archaeologist and author David Hatcher Childress hits the road again but with a purpose: to visit the ruins and relics of the ancient past from Mexico to the American Southwest.

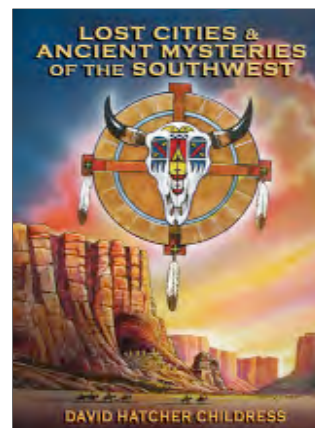
Accompanied by his partner Jennifer, Childress finds gigantic Atlantean statues in Tula, north of Mexico City, and muses on the Southwestern mines that produced the metals used by the Toltecs and Aztecs, distributed via ancient trade routes connecting the entire region.

Moving into Texas, Childress checks out mysteries of the Big Bend region, including the Marfa Lights and a tablet bearing Phoenician script discovered in 1962 in a remote cave.

In New Mexico, he's on the trail of Victorio Peak, where gold bars and

artefacts were supposedly found in caverns in 1937, the mysterious Ghost Ranch with its dinosaur fossils, and the Village of the Great Kivas in Zuni lands. Next, he's in Arizona, cruising the Devil's Highway in search of the legend of the Maze and the Giant Snake, the energy vortex of Crater Range and the Lost Dutchman Mine. In Utah, he speculates on ancient Egyptian influences in the Grand Canyon; and in Nevada and California, he searches for catacombs containing mummified giants and for gigantic Nazca-like figures etched in the desert landscape.

Childress's engaging, well-illustrated travelogue is peppered with archaeological observations, historical details, research commentaries and local anecdotes.





REVIEWS

WHEN JESUS LIVED IN INDIA

by Alan Jacobs

Watkins Publishing, London, 2009

ISBN 978-1-906787-17-2 (216pp tpb)

Available: watkinspublishing.co.uk

The idea that Jesus Christ spent 18 "missing years" from the age of 12 in India and Tibet is supported by Hindu and Buddhist sacred texts, says author and mystic Alan Jacobs. There is also evidence that Jesus survived the crucifixion and spent his final days in Kashmir, eventually being buried in a tomb in Srinigar, but such a notion is firmly rejected by orthodox Christianity because it denies the resurrection doctrine.

Informing Jacobs are a number of works including: Russian explorer Nikolai Notovitch's *The Unknown Life of Jesus Christ*, sparked by his 1887 visit to a Buddhist monastery in Ladakh where an ancient manuscript about the prophet Issa's (Jesus') visit to Tibet was translated for him; *The Aquarian Gospel*, channelled to Dr Levi Dowling and first published in 1908; and German religious scholar Dr Holger Kersten's *Jesus Lived in India* (see review, 2/24). Jacobs also considers alternative theories that Jesus spent his missing years in the company of spiritual groups like the Essenes, Therapeutae and Gnostics.

Jacobs leaves readers to decide on the truth of these claims. Regardless of one's stance, there is much wisdom to be found in these pages.

INVISIBLE HISTORY:

Afghanistan's Untold Story

by Paul Fitzgerald & Elizabeth Gould

City Lights Books, San Francisco, 2009

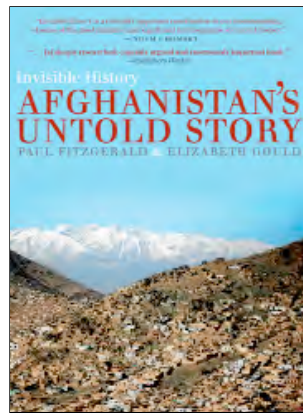
ISBN 978-0-87286-494-8 (389pp tpb)

Available: www.citylights.com

To understand Afghanistan's tragic circumstances, this well-documented book by journalists Paul Fitzgerald and Elizabeth Gould is essential reading. The team has been reporting and lecturing on Afghanistan's plight since 1981 when they visited the country for the first time during the Soviet occupation to produce their documentary,

Afghanistan Between Three Worlds.

The authors start by examining the early history of this country, a cradle of civilisation that has had more than its share of invasions from foreign forces, including British imperialists who ramped up opium production to boost its own coffers. Afghanistan has always been a strategic territory to these outside forces playing "The Great Game". They have a lengthy chapter on Cold War foreign policy which heralded the US role in the ongoing battle for Afghanistan.



In the next section, covering the 1970s (when women had equal rights) to 2001, the authors analyse the role of America's right-wing neocon "Team-B" with its aggressive anti-Soviet stance, CIA manipulation, the Soviet invasion and defeat, a new decade of dangers and the rise of the Pakistani-formed, Saudi-funded Taliban. In the final section, 2001 to 2008, they begin with the Taliban's looting of the Kabul Museum and destruction of the sixth-century Bamiyan Buddhas. All the American neocons needed to wage the next phase in their geopolitical war was a pretext to invade, and that came soon after the 9/11 attacks when they sent their forces to depose the Taliban and root out bin Laden.

The authors urge US leaders to learn from the Soviet experience and adjust their policies to help the Afghan people regain their independence, especially from foreign-supported extremism, before it is too late. Engaging reportage.

REVIEWS



DIANA INQUEST: The Untold Story Part 1: The Final Journey Part 2: How & Why Did Diana Die? by John Morgan

Amazon, USA, 2009 (2nd eds) (first eds pub. by Lulu, USA)
ISBN 978-1-448645336 (Pt1 692pp tpb)
ISBN 978-1-448631872 (Pt2 739pp tpb)
Available: www.amazon.com

With the completion in April 2008 of the inquest into the deaths of Diana, Princess of Wales, and Dodi Fayed, many questions remain unanswered and yet significant new information surfaced. Queensland-based author John Morgan has doggedly followed the minutiae of the transcripts, with help from associates who attended the hearings, and has produced a huge, rigorous, two-part analysis. (His *Cover-up of a Royal Murder* examined errors in the Paget Report; see 15/04).

Part 1: The Final Journey lists 143 important witnesses who were not asked to testify, and shows serious omissions and inconsistencies in the proceedings. Justice for the deceased was not achieved, says Morgan, when the jury was not permitted to countenance a verdict of murder. *Part 2: How & Why Did Diana Die?* returns to the accident scene and queries the timeline of events prior to Diana's arrival at the hospital.

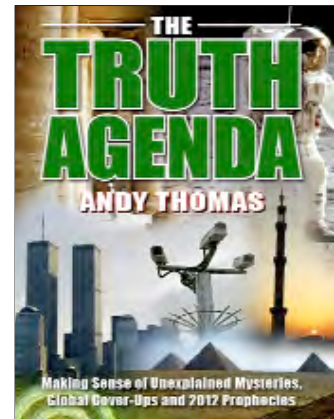
Morgan speculates on the motives behind the deaths and on links with the establishment and security services in the UK and France. He has put in extraordinary effort to report on and weigh up the evidence. Others need to take up the reins and ask uncomfortable questions.

THE TRUTH AGENDA by Andy Thomas

Vital Signs, Lewes, UK, 2009
ISBN 978-0-9550608-1-6 (379pp tpb)
Available: vitalsignspublishing.co.uk

As well as contributing the text for our annual crop circles round-up (see this edition), Andy Thomas is an activist, a lecturer, a musician and a prolific author with his own

publishing house. His specialities are mysteries and global cover-ups as well as the history of his home town, Lewes, in East Sussex, UK. Thomas channels his activism through Changing Times, a group he founded to spread information on alternative social and political viewpoints, and the three-day Glastonbury Symposium, which he co-presents.



His latest major offering, *The Truth Agenda*, is just the sort of book you need in order to make sense of the great mysteries and conspiracies of our times. In the introduction, Thomas asks why some subjects are considered "respectable" while others are "shunned as 'fringe' nonsense"; his reply is cogent and well-informed.

In his sophisticated overview, Thomas applies the "truth agenda" to ancient and modern mysteries, UFO incidents, religious prophecies and so-called "grand conspiracies". He deconstructs consensus reality with regard to the Moon landings, the 9/11 "terrorist" attacks and the search for weapons of mass destruction. He reveals the tools of control that would remove our liberties and cage our spirit, and discusses controversies concerning climate change and 2012 portents. Finally, he offers solutions and inspirations to encourage us to remove the shackles of our apathy and empower ourselves for positive change.

This high-quality production, with colour photos throughout, is well referenced and has plenty of information for further research.

RARE BOOK

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

by DEWAYNE B. JOHNSON &
KENN THOMAS

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

To order, see www.nexusmagazine.com



REVIEWS

WORLDWIDE EVIL AND MISERY

by Robin de Ruiter

Mayra Publications, Netherlands, 2008
ISBN 1-889743-72-0 (348pp tpb)

Available: www.mayrapublications.nl;
www.marketingnewauthors.com

Dutch-born researcher and widely translated author Robin de Ruiter has the New World Order in his sights in this ominously titled book. (First published in 2005, it has been updated for this English edition.)

For decades, de Ruiter has been investigating the super-wealthy elite families ("the 13 Satanic bloodlines") and international monopolists that operate under the guise of global politics and have catastrophic plans to subjugate humanity under a One World Government and gain total geopolitical supranational control. He has many inside contacts who are helping him expand his research.

In making use of pronouncements from high-level figures going back over a century, de Ruiter has no doubt about what the elite global cabal has always had in mind for the people. In his chapter on the mass media, he shows images of public figures—"Illuminati" initiates—using cryptic gestures to send urgent, secret messages to their higher-ups through the media. This is material to excite conspiracy theorists and incite their detractors.

The scope encompasses a One World Financial System, high-tech microchip implants, population reduction schemes, concentration camps, 9/11, a crusade against Islam, weather modification, mind control, bizarre Satanic rituals and more. De Ruiter maintains that all these conspiracies are part of a pattern that we can discern with a critical eye.

FULL SPECTRUM DOMINANCE

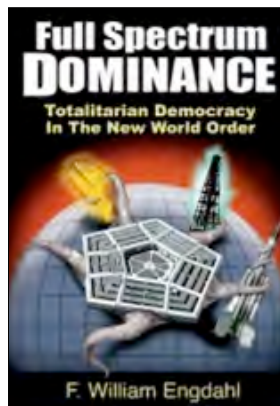
by F. William Engdahl

Third Millennium Press, USA, 2009
ISBN 978-0-9795608-6-6 (257pp tpb)

Available: www.amazon.com;
www.engdahl.oilgeopolitics.net

The "revolution in military affairs" is in full swing as the American

Empire implements its strategy for "full-spectrum dominance", says F. William Engdahl in his hard-hitting new book. Author of *A Century of War* and *Seeds of Destruction*, Engdahl argues that the Pentagon, together with the military-industrial complex and the oil industry, are on a path to contain Russia and China as well as smaller resource-rich states in a bid for its own geopolitical and economic domination that could well lead to diabolical nuclear war.



Engdahl examines events of the last few decades within a larger historical-geopolitical context and points out the extreme dangers for the future. He observes that, so far, the new regime under President Obama is not bringing the much-hoped-for change but is conducting business as usual—seen in the first instance with increased US military commitment in Afghanistan. Washington's obsession with implementing a missile defence system within firing range of Russia is one major sticking point, as is its desire to control nations by fomenting revolutions and weaponising human rights. Analysed are strategies enacted in Georgia, Darfur, Myanmar, Kosovo, Venezuela and more. And if it's not enough for the military cabal to control foreign territory, it already has plans in place to subjugate America's own citizens and democratic institutions.

This is a scary discourse that suggests we're on a permanent military and economic war footing on the road to a New World Order.

REVIEWS



DVDs

Compiled by Duncan Roads

CAPTURING THE LIGHT: The Dorothy Izatt Phenomenon

A documentary by Frank Longo
© Outside the Box Productions, 2008
www.capturingthelightdvd.com

Since 1974, Dorothy Izatt has been filming the comings and goings of strange images in the sky with her 8 mm home camera. Now, after 30 years of filming and 30,000 feet of footage later, Dorothy is sharing her enormous body of work with the world.



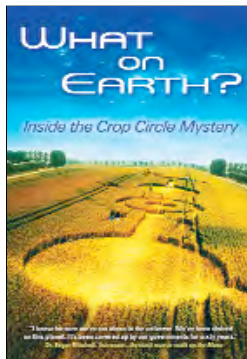
This unique documentary takes a candid look into the life of a UFO/ET contactee and her family, and the effects that this phenomenon has taken, and is still taking, on their lives. Even the events that happened in the making of this documentary will leave you realising that we are not really alone in the Universe.

Capturing the Light was declared Best Contactee/Abductee Documentary and Best UFO Footage at the UFO Congress EBE Awards 2008.

WHAT ON EARTH?

Inside the Crop Circle Mystery
© Mighty Companions, USA, 2009
www.WhatOnEarthTheMovie.com

With the breathtaking crop circles as her backdrops, storyteller Suzanne Taylor engages with an array of people who devote much of their lives to exploring this unexplained phenomenon first hand.



This fascinating community of visionary artists, scientists, philosophers, mathematicians and educators from around the world converges on southern England each summer when the circles appear. Here, they paint pictures of the creative genius being expressed in the farmlands as they try to make sense of why the crop formations are being delivered and how the world can ignore such wonders.

SUPERPOWER

© Superpower Productions, 2008
www.SuperpowerTheMovie.com

Should US citizens trust that their government will keep them safe—a government that keeps secrets and tells lies in the name of national security? *Superpower* presents a view of US foreign policy which is in stark contrast to that depicted by the corporate media, popular pundits and government leaders.



Yet this multi-award-winning documentary is about much more than the dangers of government secrets and regime change: it reveals to viewers the US regime's quest for unilateral global domination through economic and military strategy, as exposed through reviews of historical events, personal interviews and analysis of US foreign policy. *Superpower* illustrates how the United States has chosen to leverage its position to pursue a grand strategy.

The cast of serious commentators, including Bill Blum, Michel Chossudovsky and Noam Chomsky as well as former military and government officials, adds gravitas.

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

by

Richard Sauder, Ph.D.

To order - go to www.nexusmagazine.com



REVIEWS

MUSIC

Reviewed by Richard Giles

BLOODWOOD: THE ART OF THE DIDJERIDU

by Alan Dargin w. Michael Atherton
Atherton/Dargin Records and Compass
Records, USA, 2009 (57mins)

Distributors: **Australia**—The Planet
Company; **USA**—Compass Records
www.compassrecords.com

This historic 1992 Australian album, groundbreaking for its didjeridu experimentation, has been reissued in an enhanced edition. It stars master didj player Alan Dargin, who died in 2008 and is greatly missed by his fans. Touring the world, Alan represented the didjeridu and his indigenous culture. In the CD cover notes, producer and multi-instrumentalist Michael Atherton contributes a fitting eulogy for the man, but the music on *Bloodwood* is the best tribute. A special album.

SONG OF LOVE FOR THE ANIMALS

by Lia Scallion

Sounds of Sirius, Aust, 2009 (57mins)
Distributor: **Australia**—The Sounds of
Sirius, www.soundsofsirius.com

Lia Scallion has released a number of healing music CDs. This one, her seventh, focuses on our animal friends. It's reported to produce some amazing effects in stressed or problem animals and is great to play for your pets. Lia's voice is uplifting and healing. Our pets love us unconditionally, she says, and this is an appreciation for them. The CD takes you on a journey towards a more profound understanding of the plight of animals today. Inspiring.

INVISIBLE CITIES

by Nomo

Ubiquity Records, USA, 2009 (43mins)
Distributors: **Australia**—Fuse Music,
tel (02) 9699 7555; **USA**—Ubiquity
Records, www.ubiquityrecords.com

Nomo is a jazzy, multi-genre band that rocks with a world fusion

style reflecting the pulse of cities across the globe. This is the band's third album, a companion to *Ghost Rock*, with more hot horns and percussion. Nomo also improvises with odd instruments: electronic kalimbas, antique fire extinguishers and other found-garbage items. The feel is more like sweaty jazz rock, and the band really enjoys having a good time. Loud and fun, these are good party sounds to move your socks!

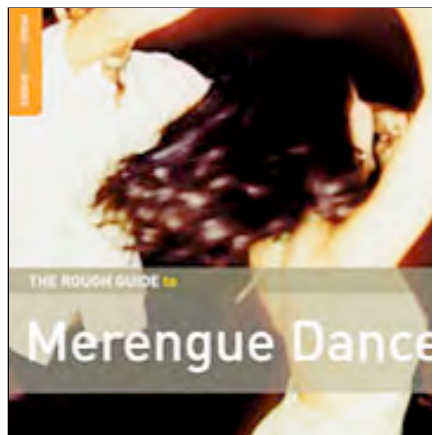
THE ROUGH GUIDE TO MERENGUE DANCE

by various artists

World Music Network, UK, 2009
(2CDs, 117mins)

Distributors: **Australia**—The Planet
Company; **UK**—World Music Network,
www.worldmusic.net

Merengue is a popular Caribbean dance music form that is simple, joyous and easy to move to. Its Spanish name comes from the idea of dancers twisting and twirling together, like egg whites being whipped into a merengue. Its origins are in the Dominican Republic, and it's spread to Puerto Rico, Cuba, Venezuela and Haiti. This Rough Guide album has slow to medium to fast styles for beginners through to pacey ones for experts. Percussion, keyboard and brass sounds interlock to move the dancers onwards. It's a great, upbeat sound. A bonus CD, *Mambo*, features Carlitos Almonte and his 10-piece merengue band.



A Must Read!!



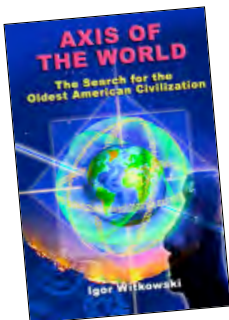
DISCLOSURE

by
Steven M. Greer MD

For the first time ever, over five dozen top-secret military, government, intelligence and corporate witnesses to secret projects tell their true stories which disclose the greatest covert program in world history. This explosive testimony by actual government insiders proves that UFOs are real, that some are of extraterrestrial origin and that super-secret programs have energy and propulsion technologies that will enable humanity to begin a new era.

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Axis of the World



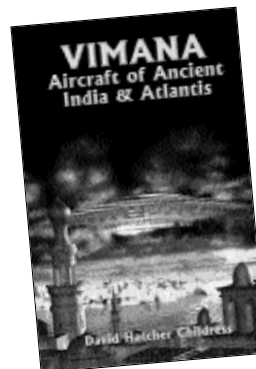
AXIS OF THE WORLD: The search for the Oldest American Civilization

by Igor Witkowski

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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VEDIC UFOS?



Vimana Aircraft of Ancient India and Atlantis

by David Hatcher Childress

Did the ancients have the technology of flight? In this volume on ancient India, authentic Indian texts such as the *Ramayana* and the *Mahabharata*, are used to prove that ancient aircraft were in use more than four thousand years ago. Included in this book is the entire Fourth Century BC manuscript *Vimaanika Shastra*. Also included are chapters on Atlantean technology, the incredible Rama Empire of India and the devastating wars that destroyed it. Also an entire chapter on mercury vortex propulsion and mercury gyros, the power source described in the ancient Indian texts.

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Dirty Electricity and the Link to Cancer

Continued from page 24

a Forum at the Commonwealth Club of California (e-book), Wide Angle Health, 2008, p. 7; available at <http://electromagnetichealth.org/public-health-sos-ebook/>

23. Armstrong B et al., "Association between Exposure to Pulsed Electromagnetic Fields and Cancer in Electric Utility Workers in Quebec, Canada, and France", *Am J Epidemiol* 1994; 140(9):805-820

24. Further credentials are available at <http://www.silentfields.com/reports.php>

25. Milham, S, MD, MPH, and Morgan LL, BS, "A New Electromagnetic Exposure Metric: High Frequency Voltage Transients Associated with Increased Cancer Incidence in Teachers in a California School", *Am J Ind Med* 2008 May 29; 51(8):579-586; at <http://www.silentfields.com/reports.php>

26. Genuis, "Fielding a current idea", op. cit.

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John F. Kennedy and the UFO Connection

Continued from page 36

against Iraq" (10/03); "Charles Hall and the Tall White Extraterrestrials" (12/02); "Using Space Weapons Against ET Civilisations" (13/02); and "Project Serpo: A Public Acclimation or Deception Program?" (13/03). His book *Exopolitics: Political Implications of the Extraterrestrial Presence* (Dandelion Books, 2004) was reviewed in NEXUS 11/05. His new book *Exposing US Government Policies on Extraterrestrial Life* (Exopolitics Institute, 2009) is now available (see review in our next edition).

Dr Salla can be contacted by email at drsalla@exopolitics.org or via his website <http://www.exopolitics.org>.

Endnotes

1. Even though the document was found in a box of official records at The National Archives, it does not have the standard control number. This has led some researchers to claim it was planted and is a hoax, but that is unlikely given National Archives and Records Administration

(NARA) security procedures. See www.ufoforhumanrights.com/mj-12.php.

For a NARA statement on the memo, go to www.archives.gov/foia/ufo.html#mj12.

2. www.majesticdocuments.com/pdf/cutler_twining.pdf

3. www.majesticdocuments.com/pdf/smithmemo-21nov51.pdf

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8. Stanton Friedman is the most prominent supporter of the legitimacy of the Eisenhower Briefing Document; see his *Top Secret/MAJIC: Operation Majestic-12 and the United States Government's UFO Cover-Up*, Marlowe & Company, New York, 2005 (1996).

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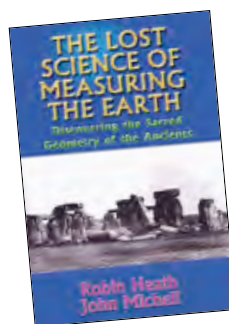
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20. www.majesticdocuments.com/pdf/kennedy_ciadirector.pdf

21. www.majesticdocuments.com/pdf/burnedmemo-s1-pgs1-2.pdf

Ancient Sacred Geometry



The Lost Science of Measuring the Earth

by Robin Heath
and John Michell

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Propulsion of ET and High-Frequency Vehicles

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So we appear to be living in a sea of untapped energy. More importantly, the energy does not seem to be used up because it may just be transforming itself from one form to another and back again. Energy in this case is never dissipated or used up.

Years ago, Austrian-born NASA engineer Josef Blumrich, who worked on the *Saturn V* rocket, detailed how Ezekiel's chariot experience could have been about a high-frequency vehicle that took Ezekiel into new realms of experience (*The Spaceships of Ezekiel*, 1974).

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Clearly, we must prepare ourselves for greater realities and insights headed our way. Whether they be the nuts and bolts of small spaceships, mother ships, grandmother ships or large city-like bio-satellites, we believe that these higher realities will soon make themselves known.

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About the Authors:

J. J. Hurtak, PhD, PhD, is the founder and president of The Academy for Future Science, an international organisation that works to bring cooperation between science and religion through positive dialogue

involving social projects and environmental sustainability.

A social scientist, futurist and remote sensing specialist as well as an archaeologist and anthropologist, Dr Hurtak is the author of over 15 books, including *The Book of Knowledge: The Keys of Enoch*® (1973).

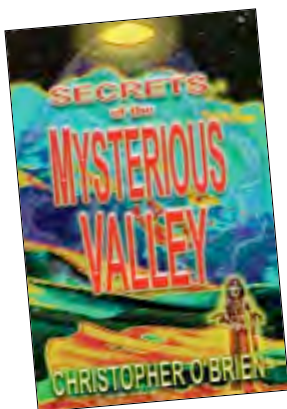
He is the co-author (with physicist Russell Targ) of *The End of Suffering: Fearless Living in Troubled Times* (Hampton Roads, 2006; reviewed in NEXUS 14/03).

His article "Massive Barrier Encircles Giza Pyramids" was published in NEXUS 9/06.

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The Hurtaks can be contacted by email at affs@affs.org and via their website <http://www.future-science.org>.

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The Twilight Zone

Continued from page 67

Our Mother, the Earth, will get rid of men that don't accept the New Life. She will reject them like damaged fruit. They, criminals included, will soon not be able to reincarnate on this planet. Only those that possess Love in them will remain.

There is not any place on Earth that is not dirtied with human or animal blood; she must therefore submit to a purification. And it is for this that certain continents will be immersed while others will surface.

Men do not suspect what dangers they are menaced by. They continue to pursue futile objectives and seek pleasure. On the contrary, those of the sixth race will be conscious of the dignity of their role and respectful of each one's liberty. They will nourish themselves exclusively from products of the vegetal realm. Their ideas will have the power to circulate freely as the air and light of our days. The words "If you are not born again" apply to the

sixth race. Read chapter 60 of Isaiah: it relates to the coming of the sixth race, the Race of Love.

After the Tribulations, men will cease to sin and will find again the path of virtue. The climate of our planet will be moderated everywhere and brutal variations will no longer exist. The air will once again become pure, the same for water. The parasites will disappear. Men will remember their previous incarnations and they will feel the pleasure of noticing that they are finally liberated from their previous condition. In the same manner that one gets rid of the parasites and dead leaves on the vine, so act the evolved beings to prepare men to serve the God of Love. They give to them good conditions to grow and develop themselves, and to those who want to listen to them they say: "Do not be afraid! Still a little more time and everything will be alright. You are on the good path. May he that wants to enter into the New Culture study, consciously work and prepare."

Thanks to the idea of Fraternity, the Earth will become a blessed place and that will not wait. But before this, great sufferings will be sent to awaken the consciousness. Sins accumulated for thousands of years must be redeemed. The ardent wave emanating from On High will contribute in liquidating the karma of peoples.

The liberation can no longer be postponed. Humanity must prepare itself for great trials that are inescapable and are coming to bring an end to egoism.

Under the Earth, something extraordinary is preparing itself. A revolution that is grandiose and completely inconceivable will manifest itself soon in Nature. God has decided to redress the Earth, and He will do it! It is the end of an epoch. A new order will substitute the old, an order in which Love will reign on Earth. It is time for us to wake up. ∞

(Source: By Michael Brine, email wild.brine621@gmail.com; full text of article at www.missionignition.net/btb/bt6023.php)

Hitler's Secret Weapons



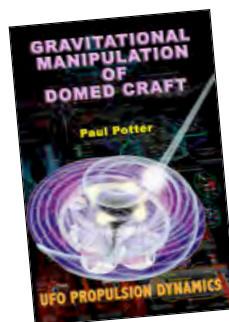
Hitler's Suppressed and Still-Secret Weapons, Science and Technology

by Henry Stevens

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



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