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NEXUS

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DECEMBER 2004 – JANUARY 2005

**The coming crash
of the US dollar?**

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Toxic vaccines cover-up

**Cecil Rhodes and
secret societies**

**Australian government
UFO files revealed!**

Tunguska mystery deepens

**Suppressed science:
magnetic monopoles**



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• Tesla's Mystery Car • The Wands of Horus •

NEXUS

NEW TIMES MAGAZINE

Volume 12, Number 1

DECEMBER 2004 – JANUARY 2005

UK/Europe edition

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STATEMENT OF PURPOSE

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

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Editorial

I have often wondered how the people of Nazi Germany allowed their country to fall under the gradual but hypnotic spell of corporate fascism under Hitler and his Western financial backers. Looking at the USA today, I can see how easily this was achieved.

The world is watching in shock and horror as Americans allow their freedoms and any shred of international respect to slip away. And we can only expect things to go from bad to worse. Voting in these last elections was rigged on a massive scale, but the other story here is that the media and the main "losing party" *fear* raising the issue of this grand fraud. Truly, America has become a nation of fear. The public fears the terrorists (manufactured by Bush's backers for the very reason of inducing fear), activists and journalists fear the new gestapo (aka Homeland Security), and the world, in turn, now fears America. The fact that the governments of Australia and the UK are supporting the Bush government in its every aggressive action should be of great concern to us all—but too many of us are too busy to notice, too apathetic to care or feel too disempowered to think we can change anything.

So is there any hope for a future where people of all races and religions can live together in peace and harmony on a clean and fruitful planet? I hear that many of the elite "secret societies" have this same goal, as you will read in the article on Cecil Rhodes and the Round Table. I have a problem with people prepared to commit foul deeds for a supposedly noble outcome, in that the final result is "tainted" by the foul deeds they commit on the way. In other words, the ends do *not* justify the means. Think very carefully before you ever choose to believe that the ends justify the means. It is a catchphrase used by the elite to coerce people with a conscience into committing unconscionable acts against their fellow humans.

Still on American gloom and doom, the value of the US dollar started falling just as I received an article on this subject by Richard Heinberg, so I decided to run it this issue. The dollar's value is still falling and speculation is rife about its future. If the author is right, we'll be lucky to have another year of relative economic stability.

There are still people out there who believe the lies told by doctors, drug companies and health bureaucrats that vaccines are safe and effective. The article in this issue contains yet more evidence of the incredible array of poisons inside each and every shot given to children and adults. And while we are on the subject of modern medicine, this issue we conclude the three-part series, "Death by Medicine". You should realise by now that if you are admitted to hospital, you have a 50:50 chance of coming out worse than when you were admitted, due to medical mistakes, adverse reactions, unnecessary medical procedures or infections. Six jumbo jets full of people every day—that's how many Americans die from modern medicine every day of the year. And it is getting worse, not just in the USA but all over the medicalised world. Maybe someone should tell those terrorists that all they have to do to bring the evil West to its knees is wait, for we are eating, drinking, breathing and medicating ourselves to death anyway (NEXUS readers aside!).

Turning to something completely different, we finally have the second article on the mysterious "Installation" in the "Valley of Death" in remote Siberia. You'll be amazed by this article, and it is definitely a subject to keep an eye on. It's taken nearly a year for the intrepid Valery Uvarov to assemble this next instalment and have it translated, and there is still more to come. In essence, the article purports that someone, a very long time ago, constructed an advanced technology installation inside several parts of this planet, with the purpose of protecting Earth from asteroid and meteorite impacts. The article presents little-known evidence that the Tunguska event was the result of the Installation sending out plasma balls to destroy a heavenly intruder of significant size.

On another note, our NEXUS Conference in Brisbane in September was a tremendous success. We extended the format to three days, with two evenings of networking and mingling. I would like to thank our speakers for their thought-provoking presentations, our readers/attendees for their support, and our sponsors (especially Joshua Shaw of Bionic Products), who made the event possible. DVDs of both the Brisbane Conference as well as the Europe Conference, held in Amsterdam in March 2004, are now available (see Reviews).

I would also like to take this opportunity to announce that the next northern hemisphere NEXUS Conference will be held in Amsterdam on 13–14–15 May 2005.

And finally, you'll be pleased to know that soon you'll be able to hear NEXUS subjects and contributors on Internet radio at www.RadioOutThere.com. Listen and read on...

Duncan

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Letters to the Editor ...

Dr Holt's Anti-Cancer Therapy

Hi, Duncan: I have been reading a bit about Dr Holt's microwave treatment for cancer [see Letters, NEXUS 11/06], as I am someone who may benefit from this treatment.

First, the TV story has had a huge response. According to the Dr Holt support group, there were thousands of enquiries after the story ran. This shows the need for a treatment that is not damaging to the body.

Dr Holt spoke to an Australian Senate committee in 2000 about the effects of electromagnetic radiation on the body. He said that EMR promotes the growth of cancer cells. He referred to evidence from Western Australia which showed that after TV towers were built, the life expectancy of people with leukaemia became significantly reduced.

Ironically, it is a similar principle that he uses in his treatment. The cancer cells are prompted to grow with the microwaves of 434 MHz; then, with the injection of a glucose-like substitute that has been injected into the patient, the cancer cells are deprived of energy (glucose) and then die.

The link for more information on Dr Holt and his work is <http://www.drholtsupport.com/>.

Regards,

Damian D., Melbourne, Vic.

Integrated Medicine vs Cancer

Hello, Duncan: For the last 18 months I have been setting up an Integrated Medical Healing Centre in Kuala Lumpur, Malaysia ("integrated" meaning the combining of natural remedies with medical doctors and procedures).

So, reading your articles about enzyme therapy, parasites/micro-organisms and mental issues, cancer, diabetes, bio-oxidation, electromedicine, OOBes, etc., I felt all these articles could have been written around the foundations of this clinic and the 25 years of experience leading up to it.

The clinic incorporates a lot of technology from Australia, e.g., Josh Shaw's Elanra which we use in therapy, computerised iridology from Melbourne, live blood

microscopy, Dr Bob Beck's protocols, Dr Hulda Clark's protocols, Ozone Lab ozone generators, ozonated colonics, chelation, FIR sauna, Grander water system hydrotherapy and superfoods from Brisbane. All are found somewhere in NEXUS!

We have developed our own system of using ozone-oxygen and ultraviolet light irradiation to convert cancerous blood into normal blood patterns within 60 minutes!

Malaysia is still a country where complementary medicine is accepted and encouraged by a government which seems to realise that this is the way to go, and health tourism is becoming a large part of the economy. Malaysia is a place where we can still get *raw milk* from cows, goats or buffalo!

We have chosen to keep our operation low key because we would rather work quietly and achieve our successes than become a high-profile target for the pharmaceutical-medical machine.

Dr Bernard W. Barber, PhD, BSc, Kuala Lumpur, Malaysia, telephone +603 2144 4876, fax +603 2144 2876, drbarber@integratedbiologics.net

The Fluoridation Threat

Dear Duncan: Thank you very much for the brilliant article, "The Absurdities of Fluoridation" by Prof. Paul Connett, and for the open letter to the Premier of Queensland with so many eminent and knowledgeable signatories [see NEXUS 11/06].

The UK is currently threatened with fluoridation as never before. Last autumn, the Water Act 2003 was passed by Parliament. Water companies will be obliged in future to fluoridate when asked to do so by the health authorities; previously they had the right to refuse.

Meanwhile, the medical and dental authorities continue to seriously underestimate the toxicity of fluoride. A review published on the National Pure Water Association's website shows that mass medication without individual consent, using silicofluorides

(untested, unregistered as medicines, part II poisons under the Poisons Act), contravenes the Biomedicine Convention of the Council of Europe and the European Union's fundamental human rights legislation.

This crazy and dangerous practice of fluoridation must be stopped.

Yours sincerely,

Elizabeth A. McDonagh, BSc(Hons), Doncaster, South Yorkshire, UK

Animal Mutilations Mystery

Dear Duncan: For the past five years I have been working with many researchers from around the world to try to unravel the mystery concerning animal mutilations.

In the course of our research, we have noted that mutilations always conform to a repeated set of characteristics. An eye and ear are often missing, flesh from the jaw is stripped off on one side only, bones are cut cleanly without trace of bone chipping, indicating a saw was not used. The tongue is always severed with a vertical cut deep in the throat, the animal's rectum is always cored out and various internal organs are removed. It is normal for these animals to be subjected to exsanguination, i.e., completely drained of blood.

The phenomenon has been reported not just in the USA but in other countries around the globe, including Russia, Canada, Puerto Rico, Mexico and parts of Europe.

Although victims of the mutilations were generally cattle and horses, in recent years a wide variety of animals including foxes, rabbits, deer, sheep, pigs, goats, mice, badgers, birds, kangaroos, wombats and even domestic pets such as cats.

There are no traces of a struggle. Even in snow-covered ground, there are no tracks or footprints near the carcass. It appears as if the animals are somehow lifted off the ground and later dumped from the air.

If you know of any farmers or veterinarians who wish to add to or partake of our research, please

contact me at my email address, Phil.Hoyle@ic24.net.

More information can be found at our website, <http://uk.geocities.com/ufouir/mutilation.htm>.

Many thanks in anticipation.
Phil, United Kingdom

Mycoplasma Link to Cancer

Dear Sir: I found your article on mycoplasma as biowarfare agents quite intriguing [see 8/05].

Just wanted to pass along that I have a website fully dedicated to the connection between cancer, mycoplasma and *in vitro* bacteria—all facts that are not supported by conventional medicine (having been lambasted for nearly a century), although scientists are now starting to "come around" to the idea. If you care to visit my site, please do so at <http://members.aol.com/CABacteria/homepage.html>.

Regards,

Ron Falcone, Florida, USA,
CABacteria@aol.com

Ancient Culture in Bulgaria

Dear Sir: I'll be glad if you find my articles interesting [see Twilight Zone 11/06, "Ancient Electrical Device Unearthed in Bulgaria"]. I work at a museum in Bulgaria; my first degree was in Art History and my second was in History, focusing on Prehistory.

In the course of my long-time research work on the proto-Neolithic culture that existed during the 5th millennium BC in the Bulgarian lands, I have come across many interesting and unique findings which are authentic artefacts and have not been publicised up till now.

Years ago I found a proto-Neolithic settlement on an area of 20 dkr (20,000 square metres). The people who lived there were the carriers of the most archaic European civilisation, which began around the coast of the Black Sea beside the present Bulgarian land and disappeared quite mysteriously about 3,600 BC. The lodgings were burned to destruction and some of the ceramics were melted to a glass-like substance.

... more Letters to the Editor

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

I have magnificent pottery with exquisitely beautiful geometric decorations. I've ascertained that these prehistoric inhabitants had astounding knowledge in microbiology, anatomy, mathematics, physics, astronomy and construction. I've found many, many interesting things...

Yours faithfully,

Stilian Hristov Yanchev,
Varnensky, Bulgaria, stilcoliny@yahoo.com

The Golden Section Explained

Dear Duncan: As you know, I translate for the French edition of NEXUS. I have just finished translating the Letters to the Editor in NEXUS 11/06 into French, and I wish to react to JoNo's letter about the Golden Section. I entirely share his enthusiasm for this particular aspect of geometry, but I am afraid he is rather ill-informed about certain points.

1. The ratio 1.618... (ϕ) should be written with a few dots at the end because it is an irrational number, thus infinite in decimal form. It is the result of the fraction $(\sqrt{5}+1)/2$. As you see, it is a function of five. The geometric construction of the Golden Section is the basis of the pentagram, hence Michelangelo's drawing.

2. The properties of this ratio were first developed by the Italian mathematician Fibonacci (Leonardo of Pisa) in the 12th century. He showed that the geometric progression, the multiplier of which is ϕ , possesses a unique property: each number equals the sum of the two preceding ones.

3. At least 20 years before Schwaller de Lubicz's enormous work (three volumes), Matila Ghyka published a very thorough study of the Golden Section in his *Le Nombre d'Or* (ed. Gallimard, 1931), which is considered to be the basic reference on the matter.

4. I entirely disagree with JoNo's denigration of modern art. Shortly after World War II, French architect Le Corbusier created two geometric progressions of measures, based on ϕ , which he called the *Modulor* sys-

tem. He used them in composition, as have many architects since (your servant included). If Le Corbusier's architecture is not modern art, what is?

And this is but one example, because contemporary painters, sculptors, etc. have made as wide a use of the Golden Section as have their ancestors.

5. French mathematician Jean-Marie Souriau and astrophysicist Jean-Pierre Petit recently showed that the law of Titus-Bode, which establishes a proportional relationship between the distances of the planets to the Sun, is but an approximation. Based on recent, accurate measurements, Souriau has shown that the progression of orbital distances is, in fact, that of ϕ , the Golden Section!

Greetings from Dordogne.

André Dufour (architect, translator for NEXUS France), Cherval, France

Mobile Phones and Memory Loss

Dear Duncan: Thank you for a great magazine. I'm writing with my concerns over a recent trend which I've noticed and wonder if other NEXUS readers have noticed a similar trend.

It's that people seem to be losing their memory and are unable to focus concentration on anything longer than for a few seconds or minutes. The latter could be due to our media culture nowadays, which is based on the two-minute sound bite.

My main concern, however, is the loss of memory. I've noticed that, amongst people I know well, of a range of ages, the ones who are suffering memory loss and unable to pay attention are the ones who use their mobile phones and cordless phones a lot. The very worrying thing is, they seem to be completely unaware of it.

With typical memory loss, people often recall something when you remind them; they've temporarily forgotten, in other words.

But with the type of memory loss I'm talking about, when these people are reminded they have absolutely no recall of the event; in other words, it didn't even register at the time. It's like dealing with an Alzheimer's patient: the

person you knew is no longer there. Has anyone else noticed this?

Yours sincerely,

Gloria Prema, Aberdeenshire, UK, gloria@the-coppings.fsnet.co.uk

[*This is a very timely letter, Gloria. French researchers have discovered that exposure to mobile phones is changing the acetylcholine levels in the body. These chemicals are directly linked to memory. Many people are now forgetting the entire conversation after using a mobile phone. It is a big problem, and we will have an article on this subject in our next issue. Ed.*]

Designing a Better Future

Dear Mr Roads: I have thoroughly enjoyed your magazine these last few years, as it has brought unprecedented information to the public on a wide variety of "hot" topics.

I am writing, however, to solicit exposure for Future by Design—an organisation dedicated to bringing to public consciousness a vision for a comprehensive plan of social reclamation in which human beings, technology and nature can coexist in a long-term, sustainable state of dynamic equilibrium.

Future by Design can be contacted at: 21 Valley Lane, Venus, FL 33960, USA, tel (863) 465 0321, fax (863) 465 1928, email fbd@futurebydesign.org, website <http://www.futurebydesign.org>.

Best regards,

Marco Scorcelletti, Torrance, California, USA

"Over Unity" an Impossibility

Dear Duncan: Greetings from Margaret and me to you and all at your office. I am emailing you to advise that a rather serious error appears in your editorial regarding permanent magnet motors.

This error pertains to the usage of the term "over unity". I would like to point out that there is no such condition, either on Earth or in the Universe. "Over unity" cannot possibly exist, as I have explained to many people and have done so in my writings

now for some years.

The reason "over unity" cannot possibly exist is simply because the Universe is at unity, and *unity cannot be transcended*. "Under unity" exists and can be transcended, but once unity has been reached it cannot be exceeded or eclipsed.

Sincerely, and best wishes,

Robert Adams, New Zealand, <http://www.aethmogen.com>

Best NEXUS Conference Yet!

Dear Duncan: I have been to many marvellous NEXUS Conferences over the years, but the one in Brisbane just gone was the best yet. I felt very privileged to be there and to learn about so many astounding things. I found myself—literally—on the edge of my seat at times, which is rare for me.

The three-day-long format worked brilliantly and helped me get over the end-of-conference "blues" really well because the second day was not the last and I didn't have the feeling it was over almost as soon as it had begun.

I liked the way there was a "mingling" during the first evening and I felt a lot of ice got broken that way, particularly between the speakers and the attendees.

I also felt a strong sense of fitting in and "belonging" this time. The "NEXUS" part of me is actually far bigger than I realised, and it was great to be able to chat to different people about anything for a change. Having one's ideas tolerated by one's friends is not the same thing as being able to discuss them fully and openly with others.

So NEXUS, thank you, thank you, thank you for putting it all together so beautifully well.

My kind regards,

C. W. Lees, Victoria, Australia

[*And thank YOU for attending! We will be using the new format at all our conferences from now on, including at the upcoming NEXUS Conference in Amsterdam on 13–14–15 May 2005. See our website, <http://www.nexusmagazine.com>, for more information. Ed.*]

US\$350 MILLION RICO LAWSUIT FILED OVER ASPARTAME

A US\$350 million class-action lawsuit was filed on 15 September 2004 in United States District Court in San Francisco, California (case no. C 04 3872). This racketeering (RICO) lawsuit was filed against the NutraSweet Corporation, the American Diabetes Association, Dr Robert H. Moser and others. Plaintiffs maintain that this lawsuit will prove how deadly the chemical sweetener aspartame is when consumed by humans.

Contained in the lawsuit is the key role played by current Secretary of Defense, Donald Rumsfeld, in helping to get aspartame pushed through the US Food & Drug Administration (FDA). Back in the late 1970s to mid-1980s, Rumsfeld was the President and CEO of G. D. Searle & Co., which originally owned the patent on aspartame. Plaintiffs maintain that Rumsfeld used his political muscle to get aspartame approved by the FDA, despite the objections of many FDA health researchers and the negative studies.

According to the press release issued on this RICO lawsuit, "'double blind' studies showed conclusive evidence that aspartame caused severe health problems and even death to the exposed study group".

This isn't the first lawsuit filed alleging that aspartame is hazardous to the health of



humans. The National Justice League filed three other lawsuits on 26 April 2004, in three separate California courts. The defendants in those lawsuits number twelve, and all produce or use the artificial sweetener aspartame as a sugar substitute in their products.

This lawsuit charges the defendants with being engaged in unlawful acts of "knowingly and intentionally using the neurotoxic Aspartame as a sugar substitute in the manufacture of Equal™, while knowing that exposure to Aspartame causes among other diseases/symptoms: abdominal pain, arthritis, asthma, brain cancer, breathing difficulties, burning eyes

or throat, burning urination, chest pains, chronic cough, chronic fatigue, death, depression, diarrhea, headaches/migraines, hearing loss, heart palpitations, hives (urticaria), hypertension, impotency and sexual problems, memory loss, menstrual problems or changes, nausea or vomiting, slurring of speech, tremors, tinnitus, vertigo and/or vision loss".

The lawsuit also states, "Further, Aspartame disease mimics symptoms or worsens the following diseases: Fibromyalgia, Arthritis, Multiple Sclerosis, Parkinson's Disease, Lupus, Diabetes, Epilepsy, Alzheimer's Disease, birth defects, Chronic Fatigue Syndrome, Lymphoma, Lyme Disease, Attention Deficit

Disorder (ADD), Panic Disorder, Depression and other psychological disorders".

(Source: *News With Views*, 16 September 2004, www.newswithviews.com/)

BIOMETRIC ID SYSTEMS SWEEPING THE WORLD

In Russia, President Vladimir Putin has signed an order for the establishment of an interdepartmental working group to prepare the introduction of new-generation passport and visa documents.

The group has been instructed to develop, before 1 January 2006, a regulatory and legal framework for the implementation of a state-run system of manufacture, filling out and control of these new-generation documents that will also include biometric information.

It has also been ordered to create the financial/economic terms for the development and introduction of technologies that would meet world standards, as well as for the unification of requirements for individual passport/visa identification documents. (Source: *Itar-Tass*, 20 September 2004, <http://www.itar-tass.com>)

In Europe, the Draft Council Regulation on standards for security features and biometrics in passports and travel documents issued by European Union (EU) member states—if not overturned by the Council of Justice and Home Ministers—will mean that every one of the 450 million people with passports in the EU will have to queue up in "processing



"After unanimous passage through the Congress and Senate, President Bush solved the problem of getting America out of Iraq by declaring it the 51st state..."

... GL~~O~~BAL NEWS ...

centres" and compulsorily have their fingerprints taken and have a facial scan. The biometric data gathered will be stored on a chip embedded in the new passports.

Personal details and the biometric data will be held on national databases and on an EU-wide database of European Register for issued passports. The latter will be on the Schengen Information System (SIS II) and will be accessible by law enforcement agencies. Regulations will be binding in their entirety on all 25 member states. (Source: *Statewatch*, 24 October 2004)

In the UK, a Bill on identity cards will introduce the compulsory taking of fingerprints and a facial scan for all new and replacement passports and driving licences issued—meaning that these new micro-chipped cards will also be identity cards. The "processing" is expected to start in 2006, and is expected to deal with over five million people a year needing passports. It is estimated that after six to 10 years, 80% of the population will have an ID card—at which point it will become compulsory for the rest. (Source: *StateWatch.org*, 24 October 2004, <http://tinyurl.com/58at6>)

In the USA, all visitors who are not required to have a visa will now be fingerprinted and photographed. This even applies to 27 nations which have so far escaped the new security controls—including several European nations, Australia, New Zealand and Japan. Immigration officials will take a digital photo of each visitor and inkless prints of both index fingers. The data will be cross-referenced against "no-fly" lists held by anti-terrorist and law enforcement agencies.

From October 2005, all passports issued in the 27 countries on the visa waiver program must contain a barcode and a digital photo. By the end of next year, all US border-crossing officials will be carrying out the new checks. (Source: *BBC News*, 30 September 2004)

CHEMICAL COCKTAIL FOUND IN BLOOD OF EU MINISTERS

The blood of ministers from 13 European Union countries has been found to be contaminated with dozens of industrial chemicals, including some that were banned decades ago.

The officials have an average of 37 industrial chemicals in their blood, according to tests conducted in June and released

in October by the World Wildlife Fund (WWF). The chemicals found in the European officials include those used in fire-resistant furniture, non-stick pans, greaseproof pizza boxes, flexible polyvinyl chloride, fragrances and pesticides.

"The ministers are all contaminated with industrial chemicals whose effects are largely unknown," said Karl Wagner, director of WWF's DetoX Campaign. "It is hard to believe that legislators have been willing to allow this uncontrolled experiment to continue for so many years."

The 14 environment and health ministers were found to have a total of 55 industrial chemicals in their blood—53 per cent of the 103 chemicals tested. The highest number of chemicals found in any one minister was 45, and the lowest was thirty-three.

All the officials tested positive for 25 of the same chemicals, including one flame retardant, two pesticides and 22 polychlorinated biphenyls (PCBs).

WWF tested ministers from Great Britain, Cyprus, the Czech Republic, Denmark, Estonia, Finland, France, Hungary, Italy, Lithuania, Slovakia, Spain and Sweden.

The conservation group carried out the tests in a bid to rally support for tougher European laws on chemical testing and identification, in particular for the draft European Union proposal known as REACH (Registration, Evaluation and Authorisation of Chemicals), a law that could lead to the identification and phasing out of the most harmful chemicals.

Some 86 per cent of the 2,500 chemicals used in large quantities do not have enough safety information publicly available to do a basic safety assessment, according to WWF.

The study of the European Union ministers can be found at <http://www.world-wildlife.org/toxics/pubs/badblood.pdf>. (Source: *Environment News Service*, 20 October 2004)

THINGS GROW BETTER WITH COCA-COLA!

Indian farmers have come up with what they think is the "real thing" to keep crops free of bugs. Instead of paying hefty fees to international chemical companies for patented pesticides, they are reportedly spraying their crops with Coca-Cola.

Gotu Laxmaiah, a farmer in Andhra Pradesh, is one of hundreds of farmers delighted with his new cola spray, which he applied this year to several hectares of cotton. "I observed that the pests began to die after the soft drink was sprayed on my cotton," he told the *Deccan Herald* newspaper.

It is clearly not Coke's legendary "secret" ingredient that is upsetting the bugs. The farmers also swear by Pepsi, Thums Up, and other local soft drinks.

The properties of Coke have been discussed for years. It has been reported that it is a fine lavatory cleaner, a good wind-screen wipe and an efficient rust-spot remover.

(Source: *The Guardian*, 2 November 2004, <http://www.guardian.co.uk>)



... GLOBAL NEWS ...

US AIR FORCE RESEARCHING ANTIMATTER WEAPONS

The US Air Force is quietly spending millions of dollars investigating ways to use antimatter in future weapons.

Antimatter has been intensively studied by physicists since the 1930s. In a sense, matter and antimatter are the *yin* and *yang* of reality: every type of subatomic particle has its antimatter counterpart. But when matter and antimatter collide, they annihilate each other in an immense burst of energy.

During the Cold War, the Air Force funded numerous scientific studies of the basic physics of antimatter with a view to potential military uses, e.g., antimatter bombs small enough to hold in one's hand, and antimatter engines for 24/7 surveillance aircraft. More cataclysmic possible uses include a new generation of super-weapons—either pure antimatter bombs or antimatter-triggered nuclear weapons; the former wouldn't emit radioactive fallout. Another possibility is antimatter-powered electromagnetic pulse weapons that could fry an enemy's electric power grid and communications networks, leaving him literally in the dark and unable to operate.

On 24 March, Kenneth Edwards, director of the "revolutionary munitions" team at the Munitions Directorate at Eglin Air Force Base in Florida, was keynote speaker at the NASA Institute for Advanced Concepts (NIAC) conference in Arlington, Virginia. He explained in his speech that the energy from colliding positrons and anti-electrons is "10 billion times...that of high explosive".

Following an initial inquiry from the San

Francisco Chronicle, the Air Force forbade its employees from publicly discussing the antimatter research program. Still, details on the program appeared in numerous Air Force documents distributed over the Internet prior to the ban.

(Source: San Francisco Chronicle, 4 October 2004, <http://tinyurl.com/6lv7r>)

FDA APPROVES VERICHIP FOR HUMAN IMPLANTATION

Applied Digital and Digital Angel Corporation have announced that VeriChip™, the world's first implantable radiofrequency identification (RFID) microchip for human use, has been cleared by the US Food and Drug Administration for medical uses in the USA.

The VeriChip Health Information Microtransponder System consists of an implantable RFID microtransponder, an inserter, a proprietary hand-held scanner and a secure database containing the patient-approved healthcare information. About the size of a grain of rice, VeriChip is a subdermal radiofrequency microchip that is inserted under the skin in a brief outpatient procedure.

While the VeriChip cannot be seen by the human eye, each chip contains a unique 16-digit verification number that is captured by briefly passing a scanner over the insertion site. The captured 16-digit number links to the database via encrypted Internet access. The previously stored information is then conveyed via the Internet to the registered requesting healthcare provider.

(Source: VeriChip press release, 13 October 2004, <http://tinyurl.com/3jp5u>)

QUADRIPLEGIC CONTROLS COMPUTER VIA BRAIN CHIP

A pill-sized brain chip has allowed a quadriplegic man to check email and play computer games using his thoughts. The device can tap into a hundred neurons at a time, and is the most sophisticated such implant so far tested in humans.

Many paralysed people control computers with their eyes or tongue. But these techniques are limited by muscle function and require a lot of training. For over a decade, researchers have been trying to find a way to tap directly into thoughts.

In June 2004, surgeons implanted a device containing 100 electrodes into the motor cortex of a 24-year-old quadriplegic. The device, called the BrainGate, was developed by the company Cyberkinetics, based in Foxborough, Massachusetts.

Each electrode taps into a neuron in the patient's brain. The BrainGate allowed the patient to control a computer or television using his mind, even when doing other things at the same time. The researchers reported that, for example, he could control his television while talking and moving his head. The team now plans to implant devices into four more patients.

Rival teams are building devices to read brain activity without touching neurons. Neural Signals, based in Atlanta, has patented a conductive skull screw that sits outside the brain, just under the skull. Other researchers are developing non-invasive technologies, e.g., using an electroencephalogram to read a patient's thoughts.

(Source: Nature, 13 October 2004, <http://www.nature.com/news/index.html>)

DID BUSH'S BUDDIES HACK THE US ELECTION?

The underground media in America are united in their belief that the US election was "stolen", with not just one tactic but several used in the process.

• **Electronic Voting Machines:** The key to it all was the use of electronic voting machines that produce no paper trail. These were manufactured mainly by two companies, ESS and Diebold. Both of these companies are big supporters of the Republican Party and have good connections with the same military/industrial/intelligence complex backing Bush.

A bill introduced in the House and Senate to outlaw these machines and require a paper printout of each vote, so that the votes could be verified and/or



... GL[○]BAL NEWS ...

recounted, was stalled by the Republican Party and not allowed to go to the vote.

Shortly after the 2 November election, countless stories of problems with the machines began to surface.

Many people who tried to vote for Kerry said that when the final screen confirmation came up, it said they'd voted for Bush. In one precinct in Ohio, 4,258 votes were given to Bush, where there were only 638 registered voters!

Many more stories about the black-box voting machines, their problems and the investigation into their tampering are circulating. Blackboxvoting.org is leading the way in the investigation to prove that the results were tampered with.

- **Exit Polls:** Exit polls were taken in every state. In those states that had verifiable paper trails for their ballots, the exit polls were virtually the same as the real results. However, in the states where electronic voting machines were used, the exit polls were mysteriously very different from the final reported totals.

- **Unusual Results:** In the areas where computers were used to cast votes or tally them, some very strange results have surfaced. Here is just one example. In Baker County, Florida, there are 12,887 registered voters, 69.3% of whom are registered Democrats and 24.3% Republicans. The vote count was only 2,180 for Kerry and 7,738 for Bush. Are we supposed to believe that five out of every seven registered Democrats voted for Bush? This kind of pattern was seen in many Florida and Ohio counties.

- **Intimidation:** In addition to the electronic voting machine fraud, there was widespread voter intimidation and disenfranchisement on election day. In many Democratic areas, people waited hours to vote, while Republicans "challenged" voters' rights to vote, forcing them to fill out a provisional ballot instead of a real ballot. The provisional ballots were not counted on election day, and we may never know how many of them there were or what rules will be used to qualify them.

Three Congressmen have sent a letter to the Government Accountability Office, requesting urgent action and an investigation. Ralph Nader is leading a consumer investigation into voter fraud countrywide, and has already filed an official challenge to the voting results in New Hampshire.

(Source: from Gary Beckwith, *The Solar Bus*, 8 November 2004, <http://www.solarbus.org/stealyourelection>)

PENTAGON WOULD ATTACK EU SATELLITES IN WARTIME

Senior Pentagon officials have warned Brussels that they will not hesitate to blow European Union satellites out of the sky if they are used against America by a hostile power such as China.

In an astonishing confrontation at a private conference between the United States and the European Union (EU), European delegates insisted they would not be prepared to turn off or jam signals from their proposed *Galileo* navigation satellites, even if they were being used in a war against the US. In response, the US delegates replied that they understood this and intended—if faced with such a threat—to take whatever action they felt appropriate.

Galileo is a joint European Union–European Space Agency initiative for a global navigation system. A constellation of 30 satellites orbiting the Earth at an altitude of 23,300 kilometres, it is scheduled to be fully operational worldwide before the end of this decade. Earlier this month, the EU announced that China had become a partner in its €3.5 bn (US\$4.4 bn, £2.4 bn) *Galileo* satellite system.

The state of Pentagon thinking on *Galileo* is confirmed in a US Air Force doctrine document issued on 2 August 2004. In a foreword, Peter Teets, Under-Secretary of the US Air Force, asks: "What will we do 10 years from now when American lives are put at risk because an adversary chooses to leverage the global positioning system of perhaps the *Galileo* constellation to attack American forces with precision?"

The conference, on the "Future of Transatlantic Military Space Relations", was held at London's Royal United Services Institute, this month [October]. A senior European delegate said: "The Americans were very calm. They made it clear that they would attempt what they called reversible action, but, if necessary, they would use irreversible action." The US would first try unilaterally to jam *Galileo*'s signals, but if this failed it would use attack-satellites to destroy one or all of its units in an unprecedented *Star Wars*-style raid.

The London meeting also confirmed that the EU and US are well aware of *Galileo*'s military potential, a fact until now denied by the UK government. It reflects mounting US anger at the EU's decision, formalised this month, to include China in its space program. Some Pentagon figures are believed to suspect that the EU may even have given China secret assurances that it would never shut down the system, giving China a massive boost if it were ever to attack Taiwan—a key US ally.

Speakers at the meeting included Robert Dickman, Deputy for Military Space, US Department of Defense; Luc Tytgat, head of the Space Unit, European Commission; Major General Robert Kehler, Director of the National Security Space Office, US Department of Defense; Gerhard Brauer, head of the Security Office, European Space Agency; and Major-General Michael Hamel, Commander 14th Air Force, USAF Space Command. Top UK delegates were also present.

The USAF is working on a new generation of so-called "killer satellites" as part of a secretive project called the Experimental Satellite Series (XSS). It follows recommendations contained in the Air Force's 1999 Microsatellite Technology and Requirements Study of a need for the deployment of satellites "to intercept, image and, if needed, take action against a target satellite". A test satellite, coded XSS-10, was successfully launched in 2003, and the contract to build its successor, XSS-11, with a more specific sensor payload, has already been awarded.

Top Brussels officials are recommending that EU member states should pool all space navigation resources, fuse their civilian and military programs and allow collective access to them. This plan was discussed on 8 September by the European Council's political and military strategy group, and it will be debated at ministerial level by the end of the year. The European Commission recently said: "Space systems can also provide direct contributions to the Union's Common Foreign and Security Policy and its European Security and Defence Policy."

(Source: by Allistar Heath and Tracy Boles, *The Business [Europe's global business news]*, 24 October 2004, <http://tinyurl.com/6j44p>, <http://www.thebusinessonline.com>)

THE ENDANGERED US DOLLAR

The US dollar may be due for a collapse if the OPEC oil-producing nations decide to sell oil for euros instead of dollars, or if the "mortgage bubble" bursts the US economy from within.

by Richard Heinberg © 2004

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To preserve our independence, we must not let our rulers load us with perpetual debt. We must make our election between economy and liberty, or profusion and servitude.

— Thomas Jefferson

A Brief History of Money

For decades, the US dollar has served as the world's default currency. The phrase "sound as a dollar" has expressed the faith and confidence of generations of not only Americans but people worldwide. That situation is coming to end, and the consequences will be far-reaching.

In order to understand why this sea change is about to occur, and what is at stake, it is necessary to begin by examining in the briefest terms the history of money, banking and the dollar.

Hunter-gatherer societies typically enjoyed a gift economy in which trade and barter occurred only with people external to the tribe or band. Everyone within the band was treated as family: whatever was available was shared without expectation of reciprocal exchange.

The story of the rise of social complexity is also the story of the gradual shrivelling of the gift economy and the expansion of the scope of trade—a story that culminates in our situation today in which the market mediates nearly all categories of transactions between and among humans, sometimes even within families.

Even many relatively complex societies of the past (such as the ancient Egyptian and Incan civilisations) managed to do without money. However, this new tool, wherever it appeared, served to facilitate and accelerate trade. Its effects were predictable; French Historian Fernand Braudel, writing of Europe in the Middle Ages, described them as "steep variations in prices of essential foodstuffs; incomprehensible relationships in which man no longer recognised himself, his customs or his ancient values". The individual caught up in mediaeval Europe's monetisation process found, again in Braudel's words, that "his work became a commodity, himself a 'thing'".

The kinds of money people have used are almost endless; however, in societies that have adopted the widespread use of money, coins made of precious metals long ago became favoured over other options (including shells, beads, cattle and, in China, paper) due to their relative durability, portability and rarity. Since money serves several possible functions—a store of value, a measure of value, a medium of exchange and a standard of deferred payment—in some cases individual societies have used two or more forms of money simultaneously.

Monetary history took a decisive turn with the emergence of banking in Europe during the Middle Ages. Since travelling traders were frequently robbed of their coins or metal ingots, they took to depositing their metallic currency in the strongboxes of silversmiths and goldsmiths, and carried redeemable receipts instead. Gradually these receipts came to be regarded as being equivalent to the metal itself. This was the first paper money.

Meanwhile, goldsmiths and silversmiths discovered that it was possible to issue receipts for metal coins which they did not actually possess—a practice that would eventually give rise to fiat currencies and fractional reserve banking.

Fiat currencies did not appear in the West in any significant quantity until the 19th century, when governments and national banks began issuing notes not backed by any precious metal coinage whatever.

Fractional reserve banking emerged at about the same time as a system whereby banks were legally permitted to lend more money than they retained in deposits (regardless of whether those deposits were in the form of gold or fiat money). This process seems mysterious and perhaps even a tad unethical to most people when they initially learn of it. However, it has become the foundation of modern banking and currency systems.

In effect, when a commercial bank makes a loan, it creates money from nothing. When the loan is repaid and is struck from the books, that money effectively disappears. Since it has been lent into existence, virtually all fiat currency in modern money economies is tied to debt, which requires the payment of interest.

The regulation of the money supply therefore depends on someone's ability to set interest rates and thus encourage or discourage the seeking of more loans.

Early Life of the US Dollar

From this point on, we will focus our attention on a particular currency: the US dollar.

During the Revolutionary War the provisional authorities issued paper money, which led to counterfeiting by the British and to various other forms of fraud.

The 1792 US Coinage Act provided for a national Mint where silver dollars were to be produced along with gold coins, beginning in 1794. The Act states: "The Dollar or Unit shall be of the value of a Spanish milled dollar as the same is now current, to wit, three hundred and seventy-one and one-quarter grains of silver." The Act also prescribed the death penalty for anyone debasing the national currency.

The framers of the American Constitution were divided on the question of whether their new nation should have a national bank. Proponents (who were themselves bankers or future bankers) argued that a national bank would be necessary for the proper regulation of a national currency; opponents argued that such an institution would effectively give a tiny banking elite control of the nation's economy. The opponents won: Article I of the US Constitution gave Congress the power to coin money.

However, the proponents of a national bank, led by Alexander Hamilton, did not give up. At the time, local banks issued other currencies in addition to the fledgling national currency. The nation needed a single currency and a way of financing the government. All of the government's financial needs, said the Hamiltonians, should be underwritten by funds borrowed from the national bank and repaid by the government with funds raised by taxation from the people. Thomas Jefferson led the opposition.

Twice in the 19th century a national bank was established (in 1791 and 1817), and twice abolished (the first time in 1811, the second in 1832, both times on charges that the bank was corrupt and unconstitutional). Further attempts were made to establish a national bank until the early years of the 20th century, but these were rejected on constitutional grounds.

The nation's money, controlled by the government, was sometimes a fiat paper currency and sometimes backed by gold or silver. Periods of inflation or deflation led to depressions. Private banks continued to issue their own banknotes as currency until the end of the Civil War, during which Lincoln floated millions of dollars in fiat "greenbacks" in order to finance the army. In 1878, Congress

began to redeem greenbacks for gold, which effectively put the US back on the gold standard until 1933.

In general, the Republicans were married to gold, while Populists, Democrats and the "Greenback Party" promoted silver and/or the printing of lots of paper money. They argued that gold had become concentrated in the hands of the bankers; if money were to get into the hands of "real people", the government would have to issue more fiat or silver-backed paper notes. The monetary question split the nation for decades.

Clearly, gold as money acts as a barrier to the expansion of credit money. This can be both good and bad: it prevents hyperinflation, but it can also put a brake on economic activity, leading in the worst instances to deflation and depression. In 1896, the conflict came to a head as Populist William Jennings Bryan ran against pro-gold Republican William McKinley. Though McKinley won, gold's time had passed.

Following the Depression of 1907, Congress passed the Owen-Glass Federal Reserve Act of 1913, which established the national banking cartel that controls the nation's currency to this day. The Federal Reserve (known colloquially as "the Fed") is a peculiar hybrid government-private institution whose chairman is appointed by the US President but whose stock is entirely owned by member banks. In effect, the Fed is a private corporation owned by the interests that it nominally regulates on behalf of the people.

After the Fed's establishment, the government quickly recalled its Treasury Notes and the Fed began issuing Federal Reserve Notes with a promise to redeem them for gold upon demand. Congress also handed the Fed control of the nation's gold. The Fed then began lending back the gold, at interest.

The Fed's tools for controlling the economy are few but powerful. It sets the rules for member banks for fractional reserve banking (money creation) and sets the discount rate (the rate of interest

charged to member banks for the privilege of creating money). When the federal government wishes to take out a loan to pay for a new bomber or highway, it effectively borrows the money from the Fed (though the debt usually then gets spread around to various domestic and foreign investors), which thus controls not only the nation's monetary system but government credit as well. The benefits issuing from the flow of insider information that results from that control are unknown but surely considerable. The Fed's deliberations occur in secret and the institution has never been audited.

Even after the Fed's creation, several kinds of currency existed from time to time during the early 20th century, including United States Notes, Gold Certificates and Silver Certificates. But, from about 1965 to the present, virtually all US currency has consisted of Federal Reserve Notes—i.e., money created not by the government (which merely prints the paper notes themselves, which it sells to the Fed for the cost of printing), but by the Federal Reserve and its member banks.

On March 9, 1933, at the deepest point of the Great Depression, Franklin Roosevelt issued Executive Orders 6073, 6102, 6111 and 6260, effectively declaring the US bankrupt. On April 5, 1933, Roosevelt declared a National Emergency that made it unlawful for any citizen of the United States to own gold, and ordered all gold coins, gold bullion and gold certificates turned in to Federal Reserve banks by May 1 under the threat of fines and imprisonment. On

**In effect, when a
commercial bank makes
a loan, it creates money
from nothing.**

June 5, 1933, Congress enacted a joint resolution outlawing all gold clauses in contracts.

Henceforth, for the next 40 years in the US, a dual monetary system would prevail which denied gold redeemability to Americans while retaining it for foreigners.

The Dollar Triumphant

This brings us to the story of the dollar's rise to international prominence.

Prior to World War II, the British pound sterling came close to being a globally accepted standard currency, largely as a result of the fact that it was issued by an Empire upon which the Sun never set. However, neither the Empire nor the British economy survived the war intact. The US economy, meanwhile, though having been hammered by the Depression, emerged from World War II more robust than ever.

A postwar economic and geopolitical regime gradually emerged during the years 1944 to 1948. Postwar geopolitics would consist of a long political Cold War (which was also an economic war between the US and the USSR, itself a major oil producer and goods exporter within its sphere); meanwhile, the non-Soviet-dominated global economy would be shaped in agreements settled on at international meetings held in Bretton Woods, New Hampshire.

The Bretton Woods meetings of 1944 led to the establishment of the International Bank of Reconstruction and Development (which later became the World Bank) and the International Monetary Fund (IMF).

The chief feature of the Bretton Woods system consisted of the obligation for each country to maintain the exchange rate of its currency within a fixed range—plus or minus 1%—in terms of gold. This well suited the United States, which at the time happened to have the largest gold reserves of any nation.

The arrangement worked reasonably for all concerned, as long as America remained the world's foremost energy producer and goods exporter—which permitted it, in turn, to maintain its gold reserves. The US extended dollar credits by way of the Marshall Plan to finance the rebuilding of postwar Europe, while American oil companies (and the Texas Railroad Commission) maintained stable prices for petroleum globally.

During this period, US foreign policy and domestic policy were characterised by liberalism: at home, economic inequality was at the lowest point in modern American history; while abroad, the United States maintained minimal trade barriers between itself and Western Europe, Japan and South Korea. It could easily afford to absorb exports from these nations in return for their commitment of support for the duration of the Cold War.

The US exercised leadership by consensus—again, because it could easily afford to do so. This consensus evolved through both GATT trade negotiations and geostrategic Bilderberg meetings, in which the main Western powers conspired to effectively control the economies and political destinies of most of the rest of the world's nations.

However, this first relatively benign phase of what Henry Luce called "the American Century" came to an end as a result of the confluence of three factors: the decline of US oil production, spiralling national debt brought on by the Vietnam War, and increasing European and Japanese economic strength.

1973–1999: The Petrodollar Era

The members of the US-dominated consensus, while agreeing to cooperate, still had their own interests at heart and sought advantages wherever possible. F. William Engdahl, in an essay in *Current Concerns* titled "Iraq and the Hidden Euro-Dollar Wars" (<http://www.currentconcerns.ch/archive/2003/04/20030409.php>), describes the subsequent unravelling:

"All during the 1960s, France's de Gaulle began to take...dollar export earnings and demand gold from the US Federal Reserve, legal under Bretton Woods at that time. By November 1967 the drain of gold from US and Bank of England vaults had become critical. The weak link in the Bretton Woods Gold Exchange arrangement was Britain, the 'sick man of Europe'. The link broke as Sterling was devalued in 1967. That merely accelerated the pressure on the US dollar, as French and other central banks increased their call for US gold in exchange for their dollar reserves. They calculated that, with the soaring war deficits from Vietnam, it was only a matter of months before the United States itself would be forced to devalue against gold, so better to get their gold out at a high price."

By May 1971, even the Bank of England was demanding gold for dollars, and the drain on US reserves had become intolerable. Nixon did the only thing he could under the circumstances: he

abandoned the Gold Exchange program altogether, and in August of that year a system of floating currencies was instituted. Engdahl again:

"The break with gold opened the door to an entirely new phase of the American Century. In this new phase, control over monetary policy was, in effect, privatized, with large international banks such as Citibank, Chase Manhattan or Barclays Bank assuming the role that central banks had in a gold system, but entirely without gold. 'Market forces' now could determine the dollar. And they did with a vengeance."

The Bretton Woods meetings of 1944 led to the establishment of the International Bank of Reconstruction and Development (which later became the World Bank) and the IMF.

In 1973, with the dollar now floating freely, the Arab nations of OPEC embargoed oil exports to the US in retaliation for American support for Israel in the Ramadan/Yom Kippur War. By this time it was clear that US oil production had peaked and was in permanent decline, and that America would become ever more dependent upon petroleum imports. As oil prices soared 400%, the US economy took a nosedive.

The US and Saudi Arabia had formed a cooperative partnership in 1945, following meetings between FDR and King Ibn Saud. US oil companies (Exxon, Mobil, Chevron, and Texaco) were already controlling Saudi discovery and production through a partnership with the Kingdom, the Saudi Arabian Oil Company (Aramco). In 1973, the Saudi government increased its partner's share in the company to 25%, and then 60% the next year. In 1980, the Saudi government retroactively gained full ownership of Aramco with financial effect as of 1976.

In 1975, the Saudis agreed to export their oil for US dollars exclusively. Soon OPEC as a whole adopted the rule. As a result, the dollar was backed not by gold but in effect by oil. Had the US permitted the Saudis to nationalise their oil industry in return for this extraordinary favour? Because the Saudi royal family and the oil companies are all notoriously tight-lipped, we may never know.

In any case, the oil shock created enormously increased demand for the floating dollar. Oil importing countries, including Germany and Japan, were faced with the problem of how to earn or borrow dollars with which to pay their ballooning fuel bills. Meanwhile,

OPEC oil countries were inundated with oil dollars. Many of these oil dollars ended up in accounts in London and New York banks, where a new process—which Henry Kissinger dubbed "recycling petrodollars"—was instituted.

The process worked like this. OPEC countries were receiving billions of dollars they could not immediately use. When American and British banks took these dollars in deposit, they were thereby presented with the opportunity for writing more loans (banks make their profits primarily from loans, but they can only write loans if they have deposits to cover a certain percentage of the loan—usually 10% to 15%, depending on the current fractional reserve requirements issued by the Fed or Bank of England). Since the economies of industrialised nations were in no position to take on much new debt, the banks were faced with a problem: to whom could they lend a boatload of new petrodollar-based money? Kissinger, an adviser to David Rockefeller of Chase Manhattan Bank, suggested the bankers use OPEC dollars as a reserve base upon which to aggressively "sell" bonds or loans, not to US or UK corporations and investors but to Third World countries desperate to borrow dollars with which to pay for oil imports.

By the late 1970s, these petrodollar debts had laid the basis for the Third World debt crisis of the 1980s (after interest rates exploded). Most of that debt is still in place and is still strangling many of the poorer nations. Hundreds of billions of dollars were recycled in this fashion. (Incidentally, the borrowed money usually found its way back to Western corporations or banks in any event, either by way of contracts with Western construction companies or simple theft on the part of indigenous officials with foreign bank accounts.)

Also during the 1970s and 1980s, the Saudis began using their petrodollar surpluses to buy huge inventories of unusable weaponry from US arms manufacturers. This was a hidden subsidy to the US economy and especially to the so-called Defense Department.

As Engdahl points out, the petrodollar era was characterised by the US attempt to slow its geopolitical decline (arising from imperial overextension abroad and resource depletion at home) by making the dollar an hegemonic currency:

"The IMF 'Washington Consensus' was developed to enforce draconian debt collection on Third World countries, to force them to repay dollar debts, prevent any economic independence from the nations of the South, and keep the US banks and the dollar afloat. The Trilateral Commission was created by David Rockefeller and others in 1973 in order to take account of the recent emergence of Japan as an industrial giant and try to bring Japan into the system. Japan, as a major industrial nation, was a major importer of oil. Japanese trade surpluses from export of cars and other goods were used to buy oil in dollars. The remaining surplus was invested in US Treasury bonds to earn interest. The G-7 was founded to keep Japan and Western Europe inside the US dollar system. From time to time into the 1980s, various voices in Japan would call for three currencies—the dollar, German mark and yen—to share the world reserve role. It never happened. The dollar remained dominant."

Simultaneously during the 1980s, the US effectively bankrupted the Soviet Union by forcing the Soviets to pump their oil reserves at

the maximum rate in order to pay for the escalating arms race with America and the US-fomented Afghan war, while reducing oil income to the Soviets by asking the Saudis to keep world oil prices low. As foreseen by the CIA, Soviet oil production peaked; and, as it declined, the nation's economy imploded. The Cold War had been won.

The petrodollar era had worked to the American financial elite's advantage, but at an horrendous cost to the people of the Third World and to those of the former Soviet Union as well. Living standards declined in all of these countries as IMF "structural adjustment" policies opened markets to the predatory process of globalisation led by US-based multinationals seeking cheap labour and raw materials. The people of the US suffered also, as America's manufacturing base was "hollowed out" through outsourcing. While a quarter-century previously 60% of the world's export goods had carried a "Made in USA" label, now American companies were

interested primarily in "branding" products made in China or Central America. Jobs for US workers were consequently downsized.

During the petrodollar era, American foreign economic policy and military policy continued to be dominated by the voices of the traditional liberal consensus, which required that the US act in concert with its allies. But this was about to change.

1999 to Present: Hegemonic Decline, Imperial Hubris

As the Cold War ended, Europe was in the process of forging political and economic unity. Today the European Union and the euro—an entirely new pan-European currency—present a subtle but serious threat to continued American monetary hegemony. This challenge has developed slowly over the past 15 years, but its effects are cascading into view. In the US/UK invasion and occupation of Iraq we see the dynamics of this new challenge at play, including the American response to it. The Washington neo-conservatives have a term for this response: "democratic imperialism".

As Jeremy Rifkin documents in his new book, *European Dream: How Europe's Vision of the Future is Quietly Eclipsing the American Dream*, Europe is ever less a collection of squabbling nations and ever more a cohesive economic superpower—one that exceeds the US in GDP, population and productivity. Europe shares America's dependency on depleting foreign sources of oil and gas, and will likely be hit hard by the effects of global climate change. Thus, over the long term, Europe's prospects are dim—though no dimmer necessarily than those of any other region.

However, in the short term, Europeans will enjoy some advantages over their American counterparts, including much greater energy efficiency (Europeans use energy at one-half the per-capita rate as Americans) and much less debt, resulting partly from much smaller military budgets. Moreover, Europe sits next to Russia, which still has considerable quantities of exportable oil and gas and stockpiles of nuclear and conventional weapons.

A Eurasian alliance between Russia, Germany and France would be a geopolitical nightmare for Washington—and such an alliance is beginning quietly and tentatively to emerge. Europe is also geographically closer to the oil and gas reserves of the Middle East and

The petrodollar era had worked to the American financial elite's advantage, but at an horrendous cost to the people of the Third World and to those of the former Soviet Union as well.

Central Asia, which are increasingly accessible to it by pipeline (the United States must rely on tankers).

The development of this Eurasian challenge comes at a bad time for Washington, which is in no position to offer the kinds of trade concessions it did in earlier decades in order to maintain the G-7 consensus. America's only remaining strong suit is raw military power, and thus it has two options: to decline gracefully from its position as sole superpower, or to use its military to enforce global dominance.

Engdahl suggests that the neo-conservatives gained influence in Washington because a majority in the US power establishment finds their views useful to advance a new aggressive US role in the world. Rather than work out areas of agreement with European partners, Washington increasingly sees Euroland as the major strategic threat to American hegemony, especially the "Old Europe" of Germany and France. Just as Britain in decline after 1870 resorted to increasingly desperate imperial wars in South Africa and elsewhere, so the United States is using its military might to try to advance what it no longer can by economic means. Here the dollar is the Achilles heel.

To understand why the dollar is America's Achilles heel, a metaphor is useful. Imagine being able to write checks [cheques] and then convince the people you give them to *not to cash them*. Perhaps they find the checks themselves comforting to hold onto; or maybe you have a friend who agrees to sell groceries or gasoline for *your checks only*, and then happily stockpiles and recirculates them. In either case, you may be tempted to write checks for much more than you have in your bank account. As long as the checks themselves are regarded as valuable and are not cashed, you get a free ride.

But if people stop finding your checks comforting to hold onto, or if your friend starts selling groceries for other people's checks or for gold or silver, then the game is up. It will be revealed that your account is overdrawn and you will be in trouble.

The metaphor is not perfect. In fact, every nation in the world is attempting to write checks beyond its means. But the US has managed to do by far a better job of it than any other nation. The checks we are not talking about are not just hoarded paper dollars (though there are billions of these stuffed in mattresses around the world) but dollar-denominated investments and securities, including T-bills, stocks and mortgages. Currently the US is running a \$700 billion per year trade deficit—this on top of trillions in government debt and trillions more in consumer debt. No other nation in the world comes remotely close to this level of bad-check writing, on either a total or a per-capita basis.

If a run on the US dollar were to occur, then the only financial solution would be to create even more dollars (presumably through government borrowing), which of course wouldn't actually solve the problem and would in the long run make matters worse. The currency would become almost worthless, and in the process real wealth (land, factories and natural resources) would be confiscated and turned over to creditors.

What could cause this to happen? A decision by OPEC to sell oil openly for euros could be a trigger. Some oil is already quietly being sold for euros, and several countries including Iran and Saudi Arabia have floated the possibility of valuing oil against a basket of currencies (meaning, effectively, dollars *and* euros). The Arab OPEC states have toyed with an idea that must be equally

worrisome to Brussels and Washington: to sell oil for gold (the gold dinar). If and when this happens, the full wrath of America will descend upon the Arab Middle East—and that's why it hasn't happened yet.

The other likely trigger would be a collapse of the US economy from within, resulting from a bursting of the mortgage bubble. The recent US economic "recovery" arose almost entirely from low mortgage rates (set ultimately by the Fed), which allowed families to refinance their homes, cash out some of their equity and use the money for immediate consumption. With oil prices soaring, the Fed will eventually have to raise interest rates steeply in order to contain inflation. But this may cause millions of home owners to default on their currently low-interest, adjustable-rate mortgages. In that event, property values would plummet, and with them would go the stock-market and the economy as a whole.

If the Fed's real owners are confident in the present Washington leadership, they will do everything in their power to delay the inevitable until after the election (and this is what they seem to be doing). If they think it is time for a regime change, we may see the great unravelling begin even before November.

In either case, the response of US political leaders may be merely

to seek foreign scapegoats. As Stan Goff writes in his recent essay, "Persian Peril" (see the website <http://www.fromthewilderness.com>), it appears as if Iran is currently being set up as the next domino in the neo-cons' crusade for democracy in the Middle East. With Iranian and Russian cooperative energy agreements blooming, a US attack on Iran could be the trigger for another all-out conflict on the scale of the World Wars of the 20th century.

On the other hand, it is possible that the disastrous outcome of the Iraq invasion has sunk deeply enough into

the awareness of Washington elites that further similar adventures (however desperately sought by the neo-cons) will be headed off by cooler minds.

How Can We Respond?

There is no solution to any of this—in that there is nothing we can do to make the problems go away. Their origins go far back in time and are intertwined with the history of money itself, though money *per se* is not at the heart of the matter. Access to resources is, as ever, the ultimate determiner of human destiny, but money has become a tool universally used by humans to gain and hold access to resources and as such it introduces its own set of possibilities and perils.

While there is no solution, there must be responses, and some are better than others. The relocalisation of economies (moving producers and consumers closer together) and currencies are good places to start. ∞

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THE TRUTH BEHIND THE VACCINES COVER-UP

US government agencies know that vaccines containing mercury and aluminium have severe neurological effects, yet they've failed to force the manufacturers to remove these toxic metals from most vaccines including those injected into babies.

Part 1 of 2

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I was asked to write a paper on some of the newer mechanisms of vaccine damage to the nervous system, but in the interim I came across an incredible document that should blow the lid off the cover-up being engineered by the pharmaceutical companies in conjunction with powerful governmental agencies.

It all started when a friend of mine sent me a copy of a letter from Congressman David Weldon, MD, to the Director of the Centers for Disease Control (CDC), Dr Julie L. Gerberding, in which he alludes to a study by a Dr Thomas Verstraeten, then representing the CDC, on the connection between infant exposure to thimerosal-containing vaccines and neurodevelopmental injury. In this shocking letter, Congressman Weldon refers to Dr Verstraeten's study which looked at the data from the Vaccine Safety Datalink and found a significant correlation between thimerosal [an ethylmercury sodium salt] exposure via vaccines and several neurodevelopmental disorders including tics, speech and language delays and possibly ADD.

Congressman Weldon questions the CDC director as to why, following this meeting, Dr Verstraeten published his results almost four years later in the journal *Pediatrics* to show just the opposite; that is, that there was no correlation with any neurodevelopmental problems related to thimerosal exposure in infants. In this letter, Congressman Weldon refers to a report of the minutes of this meeting held in Georgia, which exposes some incredible statements by the "experts" making up this study group. The group's purpose was to evaluate and discuss Dr Verstraeten's results and data and make recommendations that would eventually lead to possible alterations in the existing vaccine policy.

I contacted Congressman Weldon's legislative assistant and he kindly sent me a complete copy of this report. Now, as usual in these cases, the government did not give up this report willingly; it required a Freedom of Information Act lawsuit to pry it loose. Having read the report twice and carefully analysed it, I can see why they did not want any outsiders to see it. It is a bombshell, as you shall see. In this analysis, I will not only describe and discuss this report, but also will frequently quote the participants' words directly and supply the exact page number so others can see for themselves.

The official title of the meeting was the "Scientific Review of Vaccine Safety Datalink Information". This conference, held on June 7-8, 2000, at Simpsonwood Retreat Center, Norcross, Georgia, assembled 51 scientists and physicians, of which five represented vaccine manufacturers. These included Smith Kline Beecham, Merck, Wyeth, North American Vaccine and Aventis Pasteur.

During this conference, these scientists focused on the study of the Datalink material, whose main author was Dr Thomas Verstraeten who identified himself as working at the National Immunization Program of the CDC. It was discovered by Congressman Weldon that Dr Verstraeten left the CDC shortly after this conference to work in Belgium for GlaxoSmithKline, which manufactures vaccines—a recurring pattern that has been given the name "revolving door". It is also interesting to note that GlaxoSmithKline was involved in several lawsuits over complications secondary to their vaccines.

To start off the meeting, Dr Roger Bernier, Associate Director for Science in the National Immunization Program (CDC), relates some pertinent history. He states that Congressional action in 1977 required that the Food and Drug Administration (FDA) review mercury being used in drugs and biologics (vaccines). In meeting this order, the FDA called for information from the manufacturers of vaccines and drugs. He notes that a group of European regulators and manufacturers met in April 1999 and noted the situation but made no recommendations of changes. In other words, it was all for show.

At this point, Dr Bernier makes an incredible statement (page 12). "In the United States there was a growing recognition that cumulative exposure may exceed some of the guidelines." By "guidelines", he is referring to guidelines for mercury exposure safety levels set by several regulatory agencies. The three guidelines were set by the Agency for Toxic Substances and Disease Registry (ATSDR), the FDA and the Environmental Protection Agency (EPA). The most consistently violated safety guideline was that set by the EPA. He further explained that he was referring to children being exposed to thimerosal in vaccines.

Based on this realisation that they were violating safety guidelines, he says that this then "resulted in a joint statement of the Public Health Service [PHS] and the American Academy of Pediatrics [AAP] in July of last year [1999], which stated that as a long-term goal it was desirable to remove mercury from vaccines because it was a potentially preventable source of exposure" (page 12).

As an aside, one has to wonder where the Public Health Service and American Academy of Pediatrics were during all the years of mercury use in vaccines and why they didn't know that, firstly, they were exceeding regulatory safety levels and, secondly, why they weren't aware of the extensive literature showing deleterious effects on the developing nervous system of babies. As we shall see, even these "experts" seem to be cloudy on the mercury literature.

Dr Bernier notes that, in August 1999, a public workshop was held at Bethesda in the Lister Auditorium by the National Vaccine Advisory Group and the Interagency Working Group on Vaccines to consider thimerosal risk in vaccine use. And based on what was discussed in that conference, thimerosal was removed from the hepatitis B vaccine (HepB).

It is interesting to note that the media have taken very little interest in what was learned at that meeting, and it may have been a secret meeting as well. As we shall see, there is a reason why they struggle to keep the contents of all these meetings secret from the public.

Dr Bernier then notes (page 13) that in October 1999 the Advisory Committee on Immunization Practices (ACIP) "looked this situation over again and did not express a preference for any of the vaccines that were thimerosal free". In this discussion, he further notes that the ACIP concluded that thimerosal-containing vaccines could be used, but the "long-term goal" is to try to remove thimerosal as soon as possible.

Now, we need to stop and think about what has transpired here. We have an important group, the ACIP, which essentially plays a role in vaccine policy that affects tens of millions of children every year. And we have evidence from the thimerosal meeting in 1999 that the potential for serious injury to the infant's brain is so serious that a recommendation for thimerosal removal becomes policy. In addition, they are all fully aware that tiny babies are receiving mercury doses that exceed even EPA safety limits, yet all they can say is that we must "try to remove thimerosal as soon as possible". Do they not worry about the tens of millions of babies who will continue to receive thimerosal-containing vaccines until they can get around to stopping the use of thimerosal?

It should also be noted that it is a misnomer to say "removal of thimerosal", since they are not removing anything. They just plan

to stop adding it to future vaccines once they use up existing stocks, which entails millions of doses. And incredibly, the government allows them to do it. Even more incredibly, the American Academy of Pediatrics and the American Academy of Family Practice similarly endorse this insane policy. In fact, they specifically state that children should continue to receive the thimerosal-containing vaccines until a new thimerosal-free vaccine can be manufactured at the will of the manufacturers. Are they afraid that there will be a sudden diphtheria or tetanus epidemic in America?

The most obvious solution is to use only single-dose vials, which require no preservative. So, why don't they use them? Oh, they exclaim, it would add to the cost of the vaccine. Of course, we are only talking about a few dollars per vaccine at most, certainly worth the health of your child's brain and future. They could use some of the hundreds of millions of dollars they waste on vaccine promotion every year to cover these costs for the poor. But then that would cut into some fat-cat's budget, and we can't have that!

It was disclosed that thimerosal was in all influenza vaccines, DPT (and most DtaP) vaccines and all hepatitis B vaccines.

IGNORANCE OF THE EXPERTS

As they begin to concentrate on the problem at hand, we first

begin to learn that the greatest problem with the meeting is that the scientists and physicians know virtually nothing about what they are doing.

On page 15, for example, they admit that there is very little pharmacokinetic data on ethylmercury, the form of mercury in thimerosal. In fact, they said that there is no data on excretion and the data on toxicity are sparse—yet thimerosal is recognised to cause hypersensitivity, neurological problems and even death, and is known to pass the blood-brain barrier and the placental barrier easily.

Therefore, what they are admitting is that we have a form of mercury that has been used in vaccines since the 1930s and no one has bothered to study the effects on biological systems, especially the brain of infants. Their defence throughout this conference is "We just don't know the effects of ethylmercury". As a solution, they resort to studies on methylmercury because there are thousands of studies on this form of mercury. The major source of this form is seafood consumption.

It takes them a while to get the two forms of mercury straight, since for several pages of the report they say that methylmercury, rather than ethylmercury, is in thimerosal. They can be forgiven for this. On page 16, Dr Johnson, an immunologist and paediatrician at the University of Colorado School of Medicine and the National Jewish Center for Immunology and Respiratory Medicine, notes that he would like to see the incorporation of wide margins of safety; that is, threefold to tenfold margins of safety to "account for data uncertainties". What he means is that there are so many things we do not know about this toxin that we had better use very wide margins of safety. For most substances, the FDA uses a 100-fold margin of safety. The reason for this, which they do not mention, is that in a society of hundreds of millions of people there are groups who are much more sensitive to the toxin than others; for instance, the elderly, the chronically ill, the nutritionally deficient, small babies, premature babies, those

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on certain medications, those with inborn defects in detoxification, just to name a few. In fact, in this study they excluded premature and low-birth-weight babies from the main study, some of whom had the highest mercury levels, because they would be hard to study and because they had the most developmental problems related to the mercury.

On page 16 as well, Dr Johnson makes an incredible statement, one that defines the problem we have with the promoters of these vaccines. He states: "As an aside, we found a cultural difference between vaccinologist and environmental health people in that many of us in the vaccine arena have never thought about uncertainty factors before. We tend to be relatively concrete in our thinking." Then he says: "One of the big cultural events in that meeting...was when Dr Clarkson repetitively pointed out to us that we just didn't get it about uncertainty, and he was actually quite right." This is an incredible admission. What is a vaccinologist?

Do you go to school to learn to be one? How many years of residency training are required to be a vaccinologist? Are there board exams? It's a stupid term used to describe people who are obsessed with vaccines—not that they actually study the effects of the vaccines, as we shall see throughout this meeting.

Most important is the admission by Dr Johnson that he and his fellow "vaccinologists" are so blinded by their obsession with forcing vaccines on society that they have never even considered that there might be factors involved, the so-called "uncertainties", that could greatly affect human health. Further, that he and his fellow "vaccinologists" like to think in concrete terms; that is, they are very narrow in their thinking and wear blinders that prevent them from seeing the numerous problems occurring with large numbers of vaccinations in infants and children. Their goal in life is to vaccinate as many people as possible with an ever-growing number of vaccines.

On page 17, his "concrete thinking" once again takes over. He refers to the Bethesda meeting on thimerosal safety issues and says that "there was no evidence of a problem, only a theoretical concern that young infants' developing brains were being exposed to an organomercurial". Of course, as I shall point out later, it is a lot more than a "theoretical concern". He then continues by saying, "We agree that while there was no evidence of a problem, the increasing number of vaccine injections given to infants was increasing the theoretical mercury exposure risk".

It's hard to conceive of a true scientist not seeing the incredible irony of these statements. The medical literature abounds with studies on the deleterious effects of mercury on numerous enzymes, mitochondrial energy production, synaptic function, dendritic retraction, neurotubule dissolution and excitotoxicity, yet he sees only a "theoretical risk" associated with an ever-increasing addition of thimerosal-containing vaccines.

It is also important to note that these geniuses never even saw a problem in the first place; it was pressure from outside scientists, parents of affected children and groups representing them who pointed out the problem. They were, in essence, reacting to

pressure from outside the "vaccinologists club" and not discovering internally that a problem "might" exist. In fact, if these outside groups had not become involved, these "vaccinologists" would have continued to add more and more mercury-containing vaccines to the list of required vaccines. It was only when the problem became so obvious—that is, of epidemic proportion (now close to that)—and the legal profession became involved that they even noticed there was a problem. This is a recurring theme in the government's regulatory agencies, as witnessed with fluoride, aspartame, MSG, dioxin and pesticides issues.

It is also interesting that Dr Johnson does admit that the greatest risk is among low birth-weight and premature infants. Now why would that be if there existed such a large margin of safety with mercury used in vaccines? Could just a few pounds of body weight make such a dramatic difference? In fact it does, but it

also means that normal birth-weight children, especially those near the low range of normal birth weight, are also in greater danger. It also means that children receiving doses of mercury higher than the 72 μg in this study would be at high risk as well because their dose, based on body weight, would be comparable to that of the low birth-weight children receiving the lower dose. This is never even considered by these "vaccinologist experts" who decide policy for your children.

DIFFICULTIES FOR CHILDREN IN THE THIRD WORLD

Now this next statement should shock everyone, but especially the poor who may in any way think that these "vaccinologist" experts have their best interests in mind.

Dr Johnson says on page 17: "We agree that it would be desirable to remove mercury from US-licensed vaccines, but we did not agree that this was a universal recommendation that we would make because of the issue concerning preservatives for delivering vaccines to other countries, particularly developing countries, in the absence of

hard data that implied that there was in fact a problem."

So, here you have it. The data are convincing enough that the American Academy of Pediatrics and the American Academy of Family Practice as well as the regulatory agencies and the CDC all recommend mercury's removal as quickly as possible from US-licensed vaccines because of concerns about the adverse effects of mercury on brain development, but don't recommend the same for vaccines given to children in developing countries. I thought the whole idea of child health programs in the United States directed toward the developing world was to give poor children a better chance in an increasingly competitive world. This policy being advocated would increase the neurodevelopmental problems seen in poor children of developing countries (as well as in the US), impairing their ability to learn and develop competitive minds. Remember, there was a representative of the World Health Organization (WHO), Dr John Clements, serving on this panel of "experts". He never challenges this statement made by Dr Johnson.

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It also needs to be appreciated that children in developing countries are at a much greater risk of complications from vaccinations and from mercury toxicity than are children in developed countries. This is because of poor nutrition, concomitant parasitic and bacterial infections and a high incidence of low birth weight in these children. We are now witnessing a disaster in African countries caused by the use of older, live-virus polio vaccines, which has now produced an epidemic of vaccine-related polio; that is, polio caused by the vaccine itself. In fact, in some African countries, polio was not seen until the vaccine was introduced.

The WHO and the "vaccinologist experts" from the US now justify a continued polio vaccination program with this dangerous vaccine on the basis that now they've created the epidemic of polio, they cannot stop the program. In a recent article it was pointed out that this is the most deranged reasoning, since more vaccines will mean more vaccine-related cases of polio. But then "vaccinologists" have difficulty with these "uncertainties". (Refer to Jacob, J.T., "A developing country perspective on vaccine-associated paralytic poliomyelitis", *WHO Bulletin* 2004; 82:53-58; see commentary by D. M. Salisbury at the end of the article.)

Then Dr Johnson again emphasises the philosophy that the health of children is secondary to "the program" when he says, "We saw some compelling data that delaying the birth dose of HepB vaccine would lead to significant disease burden as a consequence of missed opportunity to immunize". This implies that our children would be endangered from the risk of hepatitis B, should the vaccine program stop vaccinating newborns with the HepB vaccine.

In fact, this statement is not based on any risk to US children at all and he makes that plain when he states that "the potential impact on countries that have 10% to 15% newborn hepatitis B exposure risk was very distressing to consider" (page 18). In other words, the risk is not to normal US children but to children in developing countries.

In fact, hepatitis B is not a risk until the teenage years and after in the United States. The only at-risk group among children is with children born to drug-using parents, mothers infected with hepatitis B, or HIV-infected parents. The reason for vaccinating the newborns is to capture them before they can escape the vaccine program of the "vaccinologists".

This is a tactic often used to scare mothers into having their children vaccinated. For example, they say that, if children are not vaccinated against measles, millions of children could die during a measles epidemic. They know this is nonsense. They are using examples taken from developing countries where epidemic deaths can occur among populations with poor nutrition and poor immune function. In the United States we would not see this because of better nutrition, better health facilities and better sanitation. Actually, most deaths seen when measles outbreaks occur in the United States occur in children for whom vaccination was contraindicated, children in whom the vaccine did not work or in children with chronic, immune-suppressing diseases. In fact, in

most studies these children catching measles or other childhood diseases have been either fully immunised or partially immunised. The big secret among "vaccinologists" is that anywhere from 20% to 50% of children are not resistant to the diseases for which they have been immunised.

Also on page 18, Dr Johnson tells the committee that it was Dr Walt Orenstein who "...asked the most provocative question which introduced a great deal of discussion. That was, should we try to seek neurodevelopmental outcomes for children exposed to varying doses of mercury by utilizing the Vaccine Safety Datalink data from one or more sites?"

I take it from this that no one ever even thought of looking at the data that had just been sitting there unreviewed all these years. Children could have been dropping like flies or suffering from terrible neurodevelopmental defects caused by the vaccine program, and no one in the government would have known. In

fact, that is exactly what the data suggested was happening, at least as regards neurodevelopmental delays.

We should also appreciate that the government sponsored two conferences on the possible role of metals—aluminium [aluminum] and mercury—being used in vaccines, but instituted no change in vaccine policy after the meetings. These conferences were held a year before this June 2000 meeting and before any examination of the data, which were being held onto tightly by the CDC—data which were denied to other independent, highly qualified researchers.

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THE NEUROTOXICITY OF ALUMINIUM

I will write more about what was discussed at the aluminum conference later. It is very important and is only briefly referred to at this conference for a very good reason. If the public knew what had been discussed at the aluminium meeting, no one would ever again get a vaccination using the presently manufactured types of vaccines.

Despite what was discussed at the aluminium meeting and the scientific literature on the neurotoxicity of aluminum, Dr Johnson makes the following remark: "aluminum salts have a very wide margin of safety. aluminium and mercury are often simultaneously administered to infants, both at the same site and at different sites." Also on page 20 he states: "However, we also learned that there is absolutely no data, including animal data, about the potential for synergy, additively or antagonism [sic], all of which can occur in binary metal mixtures..."

It is important here to appreciate a frequently used deception by those who are trying to defend an indefensible practice. They use the very same language just quoted; that is, that there are no data to show..., etc., etc. They intend it to convey the idea that the issue has been looked at and studied thoroughly and that no toxicity has been found. In truth, it means that no one has looked at this possibility, and there have been no studies that would give us an answer one way or the other.

In fact, we know that aluminium is a significant neurotoxin and that, as such, it shares many common mechanisms with mercury.

For example, they are both toxic to neuronal neurotubules, interfere with antioxidant enzymes, poison DNA repair enzymes, interfere with mitochondrial energy production, block the glutamate reuptake proteins (GLT-1 and GLAST), bind to DNA and interfere with neuronal membrane function. Toxins that share toxic mechanisms are almost always additive and frequently synergistic in their toxicity. So, Dr Johnson's statement is sheer nonsense.

A significant number of studies show that both of these metals play a major role in all of the neurodegenerative disorders. It is also important to remember that both of these metals accumulate in the brain and spinal cord. This makes them accumulative toxins and therefore makes them much more dangerous than rapidly excreted toxins.

To jump ahead, on page 23 Dr Tom Sinks, Associate Director for Science at the National Center for Environmental Health at the CDC and Acting Division Director for the Division of Birth Defects, Developmental Disabilities and Health, asks: "I wonder is there a particular health outcome that is related to aluminum salts that may have anything that we are looking at today?" Dr Martin Meyers, Acting Director of the National Vaccine Program Office, answers: "No, I don't believe there are any particular health concerns that were raised." This is after an aluminium conference held the previous year that did indeed find significant health concerns and an extensive scientific literature showing aluminium to be of great concern.

On page 24, Dr William Weil, a paediatrician representing the Committee on Environmental Health of the American Academy of Pediatrics, brings some sense to the discussion by reminding participants of "...a host of neurodevelopmental data that would suggest that we've got a serious problem. The earlier we go, the more serious the problem." Here he means that the further back you go during the child's brain development, the more likely the damage to the infant. I must give him credit; at least he briefly recognises that a significant amount of brain development does take place later. He also reminds his colleagues that aluminium produces severe dementia and death in dialysis cases. He concludes by saying, "To think there isn't some possible problem here is unreal" (page 25).

Not to let it end there, Dr Meyers adds: "We held the aluminium meeting in conjunction with the metal ions in biology and medicine meeting; we were quick to point out that in the absence of data, we didn't know about additive or inhibitory activities." Once again, we see the "no data" ploy. There are abundant data on the deleterious effects of aluminium on the brain, a significant portion of which came out in that very meeting.

MERCURY NEUROTOXICITY

Dr Johnson also quotes Dr Thomas Clarkson (who identifies himself as associated with the mercury program at the University of Rochester) as saying that delaying the HepB vaccine for six months or so would not affect the mercury burden (page 20). He makes the correct conclusion when he says: "I would have thought that the difference was in the timing. That is, you are protecting the first six months of the developing central nervous system."

Hallelujah! For a brief moment I think they have stumbled on one of the most basic concepts in neurotoxicology. Then Dr Meyers dashes my hopes by saying that single, separated doses would not affect blood levels at all.

At this juncture, we need a little enlightenment. It is important to appreciate that mercury is a fat-soluble metal; that is, it is stored in the body's fat. The brain contains 60% fat and therefore is a common site for mercury storage. Now, they establish in this discussion that about half the methylmercury is excreted over several months when ingested.

A recent study found that ethylmercury has a half-life of seven days. Even so, a significant proportion of the mercury will enter the brain (it has been shown to pass easily through the blood-brain barrier), where it is stored in the phospholipids (fats). With each new dose—and remember, these children receive as many as 22 doses of these vaccines—another increment is added to the brain storage depot. This is why we call mercury an accumulative poison. They never once, not once, mention this vital fact throughout the entire conference. Not once. Moreover, they do so for a good reason: it gives the unwary, those not trained in

neuroscience, assurance that all that matters here is the blood level.

In fact, on page 163, Dr Robert Brent, a developmental biologist and paediatrician at Thomas Jefferson University and Dupont Hospital for Children, says that we don't have data showing accumulation and that "with the multiple exposures you get an increasing level, and we don't know whether that is true or not". He redeems himself somewhat by pointing out that some of the damage is irreversible and that more irreversible damage occurs with each dose, and in that way it is accumulative.

On page 21, Dr Thomas Clarkson makes an incredible statement, implying that he knows of no studies which show that exposure to mercury after birth or at six months would have deleterious effects. Dr Isabelle Rapin, a neurologist for children at Albert Einstein College of Medicine, follows up by saying she is "not an expert on mercury in infancy" but knows mercury can affect the nerves (peripheral nervous system). So, here is one of our experts admitting that she knows little about the effects of mercury on the infant. My question is: why is she here? Dr Rapin states that she has a keen interest in developmental disorders, in particular those involving language and autism, yet she knows little about the effects of mercury on the infant brain.

This conference is concerned with the effects of mercury in the form of thimerosal on infant brain development, yet throughout this conference our experts, especially the "vaccinologists", seem to know little about mercury except limited literature that shows no toxic effects except at very high levels. None of the well-known experts was invited, such as Dr Ascher from Bowman Grey School of Medicine or Dr Haley Boyd, who has done extensive work on the toxic effects of low concentrations of mercury on the central nervous system (CNS). They were not invited because they would be harmful to the true objective of this meeting, which was to exonerate mercury in vaccines.

Several times throughout this conference, Dr Brent reminds everyone that the most sensitive period for the developing brain is during the early stages of pregnancy. In fact, he pinpoints the 8th to 18th weeks as the period of neuromaturation. In fact, the most

It is important to appreciate that mercury is a fat-soluble metal; that is, it is stored in the body's fat. The brain contains 60% fat and therefore is a common site for mercury storage.

rapid period of brain maturation, synaptic development and brain pathway development is during the last three months of pregnancy, and it continues until two years after birth. This is often referred to as the "brain growth spurt". This is also not mentioned once in this conference, again because if mothers knew that their child's brain was busy developing for up to two years after birth they would be less likely to accept this "safety of mercury" nonsense which these "vaccinologists" proclaim.

The brain develops over 100 trillion synaptic connections and tens of trillions of dendritic connections during this highly sensitive period. Both dendrites and synapses are very sensitive, even to very low doses of mercury and other toxins. It has also been shown that subtoxic doses of mercury can block the glutamate transport proteins that play such a vital role in protecting the brain against excitotoxicity.

Compelling studies indicate that damage to this protective system plays a major role in most of the neurodegenerative diseases and abnormal brain development as well.

Recent studies have shown that glutamate accumulates in the brains of autistic children, yet the experts seem to be unconcerned about mercury, a substance that is very powerful in triggering brain excitotoxicity.

It is also interesting to see how many times Dr Brent emphasises that we do not know the threshold for mercury toxicity in the developing brain. Again, that is not true. We *do* know, and the *Journal of Neurotoxicology* states that anything above 10 µg is neurotoxic. The WHO in fact states that there is *no* safe level of mercury.

On page 164, Dr Robert Davis, Associate Professor of Pediatrics and Epidemiology at the University of Washington, makes a very important observation. He points out that in a population like the United States you have individuals with varying levels of mercury from other causes (diet, living near coal-burning facilities, etc.), and by vaccinating everyone you raise those with the highest levels even higher and bring those with median levels into a category of higher levels. The "vaccinologists" with their problem of "concrete thinking" cannot seem to appreciate the fact that not everyone is the same. That is, they fail to see these "uncertainties".

To emphasise this point further, let's take a farming family who lives within three miles of a coal-burning electrical plant. Since they also live near the ocean, they eat seafood daily. The fertilisers, pesticides and herbicides used on the crops contain appreciable levels of mercury.

The coal-burning electrical plant emits high levels of mercury in the air they breathe daily, and the seafood they consume has levels of mercury higher than EPA safety standards. This means that any babies born to these people will have very high mercury levels. Once born, they are given numerous vaccines containing even more mercury, thereby adding significantly to their already high mercury burden.

Are these "vaccinologists" trying to convince us that these children don't matter and that they are to be sacrificed at the altar of the "vaccine policy"?

LEVELS OF "ACCEPTABLE EXPOSURE"

Recent studies by neurotoxicologists have observed that as our ability improves at detecting subtle toxic effects, especially on behaviour and other neurological functions, we lower the level of acceptable exposure. In fact, Dr Sinks brings up that exact point, using lead as an example. He notes that as our neurobehavioural testing has improved, we have lowered the acceptable dose considerably and continue to do so. Dr Johnson has the audacity to add that "The smarter we get, the lower the threshold". Yet, neither he nor the other participants seems to be getting any smarter concerning this issue.

Dr Robert Chen, Chief of Vaccine Safety and Development at the National Immunization Program at the CDC, then reveals why they refuse to act on this issue. On page 169 he says: "...the issue is that it is impossible, unethical to leave kids unimmunized, so you will never, ever resolve that issue. So then we have to refer back from that." In essence, immunisation of the children takes

precedence over safety concerns with the vaccines themselves. If the problem of vaccine toxicity cannot be solved, as he seems to be saying, then we must accept that some kids will be harmed by the vaccines.

Dr Brent makes the statement that he knows of no known genetic susceptibility data on mercury and therefore assumes there is a fixed threshold of toxicity; that is, that everyone is susceptible to the same dose of mercury and that there are no genetically hypersensitive groups of people.

In fact, a recent study found just such a genetic susceptibility in mice. Researchers found that mice susceptible to autoimmunity developed neurotoxic effects, including excitotoxicity, in their hippocampus—effects not seen in other strains of mice. They even hypothesised that the same may be true in humans, since familial autoimmunity increases the likelihood of autism in offspring (Hornig, M., Chian, D., Lipkin, W.I., "Neurotoxic effects of postnatal thimerosal are mouse-strain dependent", *Mol. Psychiatry*, 2004, in press).

For the next quotation, you need a little discussion to be able to appreciate the meaning. They are discussing the fact that, in Dr Verstraeten's study, frightening correlations were found between the higher doses of thimerosal and problems with neurodevelopment, including ADD and autism. The problem with the study was that there were so few children who had received no thimerosal-containing vaccines that a true control group could not be used. Instead, they had to use children getting 12.5 µg of mercury as the control, and some even wanted to use a control dose of 37.5 µg. So the controls had mercury levels that could indeed cause neurodevelopmental problems. Even with this basic flaw, a strong positive correlation was found between the dose of mercury given and these neurodevelopmental problems.

It was proposed that they compare a group of children receiving non-thimerosal vaccines with a group receiving vaccines containing thimerosal. In fact, we later learn that they had a large

The World Health Organization in fact states that there is *no* safe level of mercury [in the body].

Continued on page 74

DEATH BY MEDICINE

Unnecessary treatments for women's health problems and poor care of the elderly in so many nursing homes are symptomatic of a medical/health system in need of immediate attention.

Part 3 of 3

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WOMEN'S EXPERIENCE IN MEDICINE

Briefly, we will look at the medical iatrogenesis of women in particular. Dr Martin Charcot (1825–1893) was world-renowned, the most celebrated doctor of his time. He practised in the Paris hospital La Salpêtrière. He became an expert in hysteria, diagnosing an average of 10 hysterical women each day, transforming them into "iatrogenic monsters", turning simple "neurosis" into hysteria.⁹⁶ The number of women diagnosed with hysteria and hospitalised rose from 1% in 1841 to 17% in 1883. Hysteria is derived from the Latin *hystera*, meaning "uterus".

Dr Adriane Fugh-Berman stated very clearly in her paper that there is a tradition in US medicine of excessive medical and surgical interventions on women. Only 100 years ago, male doctors decided that female psychological imbalance originated in the uterus. When surgery to remove the uterus was perfected, it became the "cure" for mental instability, effecting a physical and psychological castration. Dr Fugh-Berman noted that US doctors eventually disabused themselves of that notion but have continued to treat women very differently than they treat men.⁹⁷ She cites the following:

1. Thousands of prophylactic mastectomies are performed annually.
2. One-third of US women have had a hysterectomy before menopause.
3. Women are prescribed drugs more frequently than are men.
4. Women are given potent drugs for disease prevention, which results in disease substitution due to side effects.
5. Foetal monitoring is unsupported by studies and not recommended by the CDC.⁹⁸ It confines women to a hospital bed and may result in higher incidence of Caesarean section.⁹⁹
6. Normal processes such as menopause and childbirth have been heavily medicalised.
7. Synthetic hormone replacement therapy (HRT) does not prevent heart disease or dementia. It *does* increase the risk of breast cancer, heart disease, stroke and gall bladder attack.¹⁰⁰

We would add that as many as one-third of postmenopausal women use HRT.^{101, 102} These numbers are important in light of the much-publicised Women's Health Initiative Study, which was forced to stop before its completion because of a higher death rate in the synthetic oestrogen–progestin (HRT) group.¹⁰³

Caesarean Section

In 1983, 809,000 Caesarean sections (21% of live births) were performed, making it the most common obstetric and gynaecologic (OB/GYN) surgical procedure. The second most common OB/GYN operation was hysterectomy (673,000), and diagnostic dilation and curettage of the uterus (632,000) was third. In 1983, OB/GYN operations represented 23% of all surgery completed in the United States.¹⁰⁴

In 2003, Caesarean section was still the most common OB/GYN surgical procedure. Approximately four million births occur annually, with a 26.1% C-section rate, i.e., one million operations.^{105a} According to earlier reports from The Netherlands in 1995, only 8% of babies were delivered by Caesarean section.^{105b} Assuming human babies are similar in the USA and in The Netherlands, and using those statistics, 700,000 unnecessary C-sections are performed in the United States annually, with a three to four times higher mortality rate and 20 times greater morbidity rate than vaginal delivery.

The Caesarean section rate was only 4.5% in the US in 1965. By 1986 it had climbed to 24.1%. Sakala stated that obviously an "uncontrolled pandemic of medically

unnecessary Caesarean births is occurring".¹⁰⁶ VanHam reported a Caesarean section postpartum haemorrhage rate of 7%, a haematoma formation rate of 3.5%, a urinary tract infection rate of 3%, and a combined postoperative morbidity rate of 35.7% in a high-risk population undergoing Caesarean section.¹⁰⁷

The greatest cause of morbidity in vaginal births is anorectal tearing. In a study of 20,500 women, 5% required an episiotomy and 67 patients (.0033%) experienced wound disruption that required surgical correction resulting in a "satisfactory outcome".^{107a}

NEVER ENOUGH STUDIES

Scientists used the excuse that there were never enough studies revealing the dangers of DDT and other dangerous pesticides to ban them. They also used this excuse around the issue of tobacco, claiming that more studies were needed before they could be certain that tobacco really caused lung cancer. Even the American Medical Association (AMA) was complicit in suppressing results of tobacco research. In 1964, the Surgeon-General's report condemned smoking; however, the AMA refused to endorse it. What was their reason? They needed more research. Actually, what they really wanted was more money and they got it from a consortium of tobacco companies that paid the AMA US\$18 million over the next nine years, during which the AMA said nothing about the dangers of smoking.¹⁰⁸

The *Journal of the American Medical Association (JAMA)*, "after careful consideration of the extent to which cigarettes were used by physicians in practice", began accepting tobacco advertisements and money in 1933. State journals such as the *New York State Journal of Medicine* also began to run Chesterfield ads, claiming that cigarettes are "Just as pure as the water you drink...and practically untouched by human hands". In 1948, *JAMA* argued that "more can be said in behalf of smoking as a form of escape from tension than against it...there does not seem to be any preponderance of evidence that would indicate the abolition of the use of tobacco as a substance contrary to the public health".¹⁰⁹

Today, scientists continue to use the excuse that they need more studies before they will lend their support to restrict the inordinate use of drugs.

OVERVIEW OF STATISTICAL TABLES AND FIGURES

Adverse Drug Reactions

The Lazarou study¹ was based on statistical analysis of 33 million US hospital admissions in 1994. Hospital records for prescribed medications were analysed. The number of serious injuries due to prescribed drugs was 2.2 million; 2.1% of in-patients experienced a serious adverse drug reaction; 4.7% of all hospital admissions were due to a serious adverse drug reaction; and fatal adverse drug reactions occurred in 0.19% of in-patients and 0.13% of admissions. The authors concluded that a projected 106,000 deaths occur annually due to adverse drug reactions.

We used a cost analysis from a 2000 study in which the increase in hospitalisation costs per patient suffering an adverse drug reaction was \$5,483. Therefore, costs for the Lazarou study's 2.2 million patients with serious drug reactions amounted to \$12 billion.^{1,49}

Serious adverse drug reactions commonly emerge after Food and Drug Administration approval. The safety of new agents cannot be known with certainty until a drug has been on the market for many years.¹¹⁰

Bedsore

Over one million people develop bedsores in US hospitals every year. It's a tremendous burden to patients and family, and a \$55 billion health care burden.⁷ Bedsore are preventable with proper nursing care. It is true that 50% of those affected are in a vulnerable age group of over seventy. In the elderly, bedsores carry a fourfold increase in the rate of death. The mortality rate in hospitals for patients with bedsores is between 23% and 37%.⁸ Even if we just take the 50% of people over 70 with bedsores and the lowest mortality at 23%, that gives us a death rate due to bedsores of 115,000.

Critics will say that it was the disease or advanced age, not the bedsores, that killed the patient, but our argument is that an early death due to being denied proper care deserves to be counted. It is only after counting these unnecessary deaths that we can then turn our attention to fixing the problem.

Malnutrition in Nursing Homes

The General Accounting Office (GAO), a special investigative branch of US Congress, gave citations to 20% of the nation's 17,000 nursing homes for violations between July 2000 and January 2002. Many violations involved serious physical injury and death.¹¹¹

A report from the Coalition for Nursing Home Reform states that at least one-third of the nation's 1.6 million nursing home residents may suffer from malnutrition and dehydration, hastening their death. The report calls for adequate nursing staff to help feed patients who aren't able to manage a food tray by themselves.¹¹ It is difficult to place a mortality rate on malnutrition and dehydration. This Coalition report states that malnourished residents, compared with well-nourished hospitalised nursing home residents, have a five-fold increase in mortality when they are admitted to hospital. So, if we take one-third of the 1.6 million nursing home residents who are malnourished and multiply that by a mortality rate of 20%,^{8,14} we find 108,800 premature deaths due to malnutrition in nursing homes.

Nosocomial Infections

The rate of nosocomial [i.e., hospital-related] infections per 1,000 patient days has increased 36%, from 7.2 in 1975 to 9.8 in 1995. Reports from more than 270 US hospitals showed that the nosocomial infection rate itself had remained stable over the previous 20 years with approximately five to six hospital-acquired

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infections occurring per 100 admissions, which is a rate of 5–6%. However, because of progressively shorter in-patient stays and the increasing number of admissions, the actual number of infections increased.

It is estimated that in 1995, nosocomial infections cost \$4.5 billion and contributed to more than 88,000 deaths in the USA—one death every six minutes.⁹ The 2003 incidence of nosocomial mortality is quite probably higher than in 1995 because of the tremendous increase in antibiotic-resistant organisms. *Morbidity and Mortality Weekly Report* found that nosocomial infections cost \$5 billion annually in 1999.¹⁰ This is a \$0.5 billion increase in four years. The present cost of nosocomial infections may now be in the order of \$5.5 billion.

Out-patient iatrogenesis

Dr Barbara Starfield in a 2000 *JAMA* paper presents us with well-documented facts that are both shocking and unassailable:¹²

1. The US ranks 12th out of 13 countries in a total of 16 health indicators. Japan, Sweden and Canada were first, second and third.
2. More than 40 million people have no health insurance.
3. 20% to 30% of patients receive contraindicated care.

Dr Starfield warns that one cause of medical mistakes is the overuse of technology, which may create a "cascade effect" leading to more treatment. She urges the use of ICD (International Classification of Diseases) codes which have designations called: "Drugs, Medicinal, and Biological Substances Causing Adverse Effects in Therapeutic Use" and "Complications of Surgical and Medical Care" to help doctors quantify and recognise the magnitude of the medical error problem.

Starfield says that, at present, deaths actually due to medical error are likely to be coded according to some other cause of death. She concludes that, against the backdrop of the abysmal US health report card compared to the rest of the Westernised countries, we should recognise that the harmful effects of health care interventions account for a substantial proportion of excess deaths in the USA.

Starfield cites Weingart's 2000 paper, "Epidemiology of Medical Error", on out-patient iatrogenesis. And Weingart, in turn, cites Johnson and Bootman, who asked pharmacists to estimate the probability of adverse outcomes occurring as a result of out-patient drug treatment. Statistics showed that between 4% and 18% of consecutive patients in out-patient settings suffer an iatrogenic event leading to:¹¹²

1. 116 million extra physician visits;
2. 77 million extra prescriptions;
3. 17 million emergency department visits;
4. 8 million hospitalisations;
5. 3 million long-term admissions;
6. 199,000 additional deaths;
7. \$77 billion in extra costs.

IT'S A GLOBAL ISSUE

A survey published in the *Journal of Health Affairs* pointed out that between 18% and 28% of people who were recently ill had suffered from a medical or drug error in the previous two years.

The study surveyed 750 recently ill adults in five different countries. The breakdown by country showed 18% of those in Britain, 25% in Canada, 23% in Australia, 23% in New Zealand, and 28%, the highest percentage, in the United States.¹¹³

HEALTH INSURANCE FRAUD

A recent finding by the Institute of Medicine is that the 41 million Americans without health insurance have consistently worse clinical outcomes than those who are insured, and are at increased risk for dying prematurely.¹¹⁴

When doctors bill for services they do not render, advise unnecessary tests or screen everyone for a rare condition, they are committing insurance fraud. The US General Accounting Office (GAO) gave a 1998 figure of \$12 billion lost to fraudulent or unnecessary claims, and reclaimed \$480 million in judgements in that year. In 2001, the Federal government won or negotiated more than \$1.7 billion in judgements, settlements and administrative impositions in health-care fraud cases and proceedings.¹¹⁵

WAREHOUSING OUR ELDERS

It is only fitting that we end this report with acknowledgement of our elders. The moral and ethical fibre of society can be judged by the way it treats its weakest and most vulnerable members. Some cultures honour and respect the wisdom of their elders, keeping them at home—the better to continue participation in their community. However, American nursing homes, where millions of the nation's elders die, represent the pinnacle of social isolation and medical abuse.

Here are some important statistics about nursing homes:

1. In America at any one time, approximately 1.6 million elderly people are confined to nursing homes. By 2050, that number could be 6.6 million.^{11, 116}
2. A total of 20% of all deaths from all causes occur in nursing homes.¹¹⁷
3. Hip fractures are the single greatest reason for nursing home admissions.¹¹⁸
4. Nursing homes represent a reservoir for drug-resistant organisms due to overuse of antibiotics.¹¹⁹

Congressman Waxman reminded us that "as a society we will be judged by how we treat the elderly" when he presented a report that he sponsored, "Abuse of Residents is a Major Problem in US Nursing Homes" on July 30, 2001. The report uncovered that one third—5,283 of the nation's 17,000 nursing homes—were cited for an abuse violation in the two-year period studied, January 1999–January 2001.¹¹⁶ Waxman stated that "the people who cared for us deserve better". He also made it very clear that this was only the tip of the iceberg and there is much more abuse occurring that we don't know about or ignore.^{116a}

The major findings of the report were:

- Over 30% of nursing homes in the US were cited for abuses, totalling more than 9,000 abuse violations;
- 10% of nursing homes had violations that caused actual physical harm to residents, or worse;
- Over 40% or 3,800 abuse violations were only discovered after a formal complaint was filed, usually by concerned family members;
- Many verbal abuse violations were found;

It is estimated that in 1995, nosocomial [hospital-related] infections...contributed to more than 88,000 deaths in the USA—one death every six minutes.

- Occasions of sexual abuse were discovered;
- Incidents of physical abuse causing numerous injuries such as fractured femur, hip, elbow, wrist and other injuries were reported.

Dangerously understaffed nursing homes lead to neglect, abuse, overuse of medications and physical restraints. An exhaustive study of nurse-to-patient ratios in nursing homes was mandated by Congress in 1990. The study was finally begun in 1998 and took four years to be completed.¹²⁰

Commenting on the study, a spokesperson for the National Citizens' Coalition for Nursing Home Reform, said: "They compiled two reports of three volumes each, thoroughly documenting the number of hours of care residents must receive from nurses and nursing assistants to avoid painful, even dangerous, conditions such as bedsores and infections. Yet it took the Department of Health and Human Services and Secretary Tommy Thompson only four months to dismiss the report as 'insufficient'."¹²¹

Bedsores occur three times more commonly in nursing homes than in acute care or veterans' hospitals.¹²² But we know that bedsores can be prevented with proper nursing care. It shouldn't take four years for someone to find out that proper care of bedsores requires proper staffing. In spite of such urgent need in nursing homes where additional staff could solve so many problems, we hear the familiar refrain, "Not enough research"—one that merely buys time for those in charge and relegates another smoldering crisis to the backburner.

Since many nursing home patients suffer from chronic, debilitating conditions, their assumed cause of death is often unquestioned by physicians. Some studies show that as many as 50% of deaths due to restraints, falls, suicide, homicide and choking in nursing homes may be covered up.^{123, 124} It is quite possible that many nursing home deaths are attributed, instead, to heart disease, which until our report was the number one cause of death. In fact, researchers have found that heart disease may be over-represented in the general population as a cause of death on death certificates by 7.9% to 24.3%. In the elderly, the over-reporting of heart disease as a cause of death is as much as twofold.¹²⁵

When elucidating iatrogenesis in nursing homes, some critics have asked, "To what extent did these elderly people already have life-threatening diseases that led to their premature deaths anyway?" Our response is that if a loved one dies one day, one week, one year, a decade or two decades prematurely, thanks to some medical misadventure, that is still a premature, iatrogenic death. In a legalistic sense perhaps more weight is placed on the loss of many potential years compared to an additional few weeks, but this attitude is not justified in an ethical or moral sense.

The fact that there are very few statistics on malnutrition in acute-care hospitals and nursing homes shows the lack of concern in this area. A survey of the literature turns up very few American studies. Those that do appear are foreign studies in

Italy, Spain and Brazil. However, there is one very revealing American study conducted over a 14-month period that evaluated 837 patients in a 100-bed subacute-care hospital for their nutritional status. Only 8% of the patients were found to be well nourished. Almost one-third (29%) were malnourished and almost two-thirds (63%) were at risk of malnutrition. The consequences of this state of deficiency were that 25% of the malnourished patients required readmission to an acute-care hospital compared to 11% of the well-nourished patients. The authors concluded that malnutrition reached epidemic proportions in patients admitted to this sub-acute-care facility.¹²⁶

Many studies conclude that physical restraints are an underreported and preventable cause of death. Whereas administrators say they must use restraints to prevent falls, in fact these cause more injury and death because people naturally fight against such imprisonment. Studies show that compared to no restraints, the use of restraints carries a higher mortality rate and economic burden.¹²⁷⁻¹²⁹

Studies found that physical restraints, including bedrails, are the cause of at least one in every 1,000 nursing home deaths.¹³⁰⁻¹³²

However, deaths caused by malnutrition, dehydration and physical restraints are rarely recorded on death certificates. Several studies reveal that nearly half of the listed causes of death on death certificates for older persons with chronic or multi-system disease are inaccurate.¹³³ Even though one in five people dies in nursing homes, the autopsy rate is only 0.8%.¹³⁴ Thus, we have no way of knowing the true causes of death.

Several studies reveal that nearly half of the listed causes of death on death certificates for older persons with chronic or multi-system disease are inaccurate.

Overmedicating Seniors

The CDC seems to be focusing on reducing the number of prescriptions to children, but a 2003 study found over-medication of US elderly. Dr Robert Epstein, chief medical officer of Medco Health Solutions, Inc. (a unit of Merck & Co.), conducted the study on drug trends.⁷² He found that seniors are going to multiple physicians and getting multiple prescriptions and using multiple pharmacies. Medco oversees drug benefit plans for more than 60 million Americans, including 6.3 million senior citizens who received more

than 160 million prescriptions. According to the study, the average senior receives 25 prescriptions annually. In those 6.3 million seniors, a total of 7.9 million medication alerts were triggered—fewer than half that number, 3.4 million, were detected in 1999. About 2.2 million of those alerts indicated excessive dosages unsuitable for senior citizens and about 2.4 million indicated clinically inappropriate drugs for the elderly.

Reuters interviewed Kasey Thompson, director of the Center on Patient Safety at the American Society of Health System Pharmacists, who said: "There are serious and systemic problems with poor continuity of care in the United States." He said this study shows "the tip of the iceberg" of a national problem.

According to Drug Benefit Trends, the average number of prescriptions dispensed per non-Medicare HMO member per year rose 5.6% from 1999 to 2000—from 7.1 to 7.5 prescriptions. The average number dispensed for Medicare members increased

5.5%—from 18.1 to 19.1 prescriptions.¹³⁶ The number of prescriptions in 2000 was 2.98 billion, with an average per-person prescription amount of 10.4 annually.¹³⁷

In a study of 818 residents of residential care facilities for the elderly, 94% were receiving at least one medication at the time of the interview. The average intake of medications was five per resident. The authors noted that many of these drugs were given without a documented diagnosis justifying their use.¹³⁸

Unfortunately, seniors and groups like the American Association for Retired Persons (AARP) appear to be dependent on prescription drugs and are demanding that coverage for drugs be a basic right.¹³⁹ They have accepted the overriding assumption from allopathic medicine that aging and dying in America must be accompanied by drugs in nursing homes and eventual hospitalisation with tubes coming out of every orifice. Instead of choosing between drugs and a diet/lifestyle change, seniors are given the choiceless option of either high-cost patented drugs or low-cost generic drugs. Drug companies are attempting to keep the most expensive drugs on the shelves and to suppress access to generic drugs, in spite of stiff fines of hundreds of millions of dollars from the government.^{140, 141} In 2001, some of the world's biggest drug companies, including Roche, were fined a record £523 million (US\$871 million) for conspiring to increase the price of vitamins.¹⁴²

We would urge AARP, especially, to become more involved in prevention of disease and not to rely so heavily on drugs. At present, the AARP recommendations for diet and nutrition assume that seniors are getting all the nutrition they need in an average diet. At most, they suggest extra calcium and a multiple vitamin/mineral supplement.¹⁴³ This is not enough, and in our next report we will show how to live a healthier life without unnecessary medical intervention.

We would like to send the same message to the Hemlock Society, which offers euthanasia options to chronically ill people, especially those in severe pain. What if some of these chronic diseases are really lifestyle diseases caused by deficiency of essential nutrients, lack of care, inappropriate medication or lack of love? This question is extremely important to consider when you are depressed or in pain. We must look to healing those conditions before offering up our lives.

Let's also look at the irony of underuse of proper pain medication for patients that really need it. For example, in one particular study, pain management was evaluated in a group of 13,625 cancer patients, aged 65 or over, living in nursing homes. Overall, almost 30%, or 4,003 patients, reported pain. However, more than 25% received absolutely no pain relief medication; 16% received a World Health Organization (WHO) level-one drug (mild analgesic); 32% a WHO level-two drug (moderate analgesic); and only 26% received adequate pain-relieving morphine. The authors concluded that older patients and minority patients were more likely to have their pain untreated.¹⁴⁴

The time has come to set a standard for caring for the vulnerable among us—a standard that goes beyond making sure they are housed and fed and not openly abused. We must stop looking the other way, and we, as a society, must take responsibility for the way in which we deal with those who are unable to care for themselves.

WHAT REMAINS TO BE UNCOVERED

Our ongoing research will continue to quantify the iatrogenic morbidity, mortality and financial loss in out-patient clinics, transitional care, long-term care, rehabilitative care, home care, private practitioners' offices as well as hospitals due to:

1. X-ray exposures: mammography, fluoroscopy, CT scans;
2. Overuse of antibiotics in all conditions;
3. Drugs that are carcinogenic: hormone replacement therapy (* see below), immunosuppressive drugs, prescription drug;
4. Cancer chemotherapy: if it doesn't extend life, is it shortening life?;⁷⁰
5. Surgery and surgical procedures;
6. Unnecessary surgery: Caesarean section, radical mastectomy, preventive mastectomy, radical hysterectomy, prostatectomy, cholecystectomies, cosmetic surgery, arthroscopy, etc.;
7. Medical procedures and therapies;
8. Discredited, unnecessary and unproven medical procedures and therapies;
9. Doctors themselves: when doctors go on strike, it appears the mortality rate goes down;
10. Missed diagnoses.

* Part of our ongoing research will be to quantify the mortality and morbidity caused by hormone replacement therapy (HRT) since the mid-1940s.

In December 2000, a government scientific advisory panel recommended that synthetic oestrogen be added to the nation's list of cancer-causing agents.

HRT, either synthetic oestrogen alone or combined with synthetic progesterone, is used by an estimated 13.5 to 16 million women in the United States.¹⁴⁵

The aborted Women's Health Initiative Study (WHI) of 2002 showed that women taking synthetic oestrogen combined with synthetic progesterone have a higher incidence of ovarian cancer, breast cancer, stroke and heart disease and little evidence of osteoporosis reduction or prevention of dementia.

WHI researchers, who usually never give recommendations other than demanding more studies, are advising doctors to be very cautious about prescribing HRT to their patients.^{100, 146–150}

Results of the "Million Women Study" on HRT and breast cancer in the UK were published in the *Lancet* of 9 August 2003. Lead author, Professor Valerie Beral, Director of the Cancer Research UK Epidemiology Unit, is very open about the damage HRT has caused. She said: "We estimate that over the past decade, use of HRT by UK women aged 50–64 has resulted in an extra 20,000 breast cancers, oestrogen–progesterone (combination) therapy accounting for 15,000 of these."¹⁵¹

However, we were not able to find the statistics on breast cancer, stroke, uterine cancer or heart disease due to HRT used by American women.

The population of America is roughly six times that of the UK. Therefore, it is possible that 120,000 cases of breast cancer have been caused by HRT in the past decade.

We, as a society, must take responsibility for the way in which we deal with those who are unable to care for themselves.

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A SHORT HISTORY OF THE ROUND TABLE

**Cecil Rhodes,
founder of the
De Beers diamond
mining corporation,
had a vision of an
Imperial Federation
that would re-unify
Great Britain and
the United States
and globalise the
world.**

Part 1 of 4

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But for [King] George III, war would have been unknown throughout the world today. The English-speaking race would have been reorganised as a unit, with its central Parliament meeting alternately in New York and London, and it would have given peace to the world.

— Cecil Rhodes, July 1901¹

At the end of the 19th century the British Empire was the largest the world had ever seen, covering some 19 million square kilometres of territory and nearly a quarter of the world's population. Britain was also the pre-eminent global power, possessing the strongest navy in the world and the largest merchant fleet and dominating the global economy as the biggest investor, banker, insurer and commodity dealer.² According to Niall Ferguson, author of *Empire: How Britain Made the Modern World* (2003), this *Pax Britannica* was not only a force for good, but also the "nearest thing there has ever been to a world government".³ Perhaps it was, though for the millions of indigenous peoples who had been colonised, often with great brutality, and whose lands and natural resources were now being plundered by the British while they were relegated to the status of second-class *subjects*, the benefits of being part of the British Empire were somewhat elusive.

Yet, despite all these apparent strengths, Britain was no longer at the peak of its power, a point it reached in the 1870s. Indeed, the start of the 20th century marked the final phases of its inevitable decline. The erosion of British power was occurring on two fronts: first, through the imperial expansion of the other European powers, which impinged on its military dominance; and second, by the gradual loss of its industrial and commercial supremacy, upon which its military might had rested. The British Establishment was already reading these portents of imperial decay. The First Lord of the Admiralty, for example, had warned in 1900 that in coming years Britain "...by itself will not be strong enough to hold its proper place alongside of the US or Russia and probably not Germany. We shall be thrust aside by sheer weight."⁴

It was in the midst of this pervading sense of gloom that, in 1909, a movement emerged which sought to preserve British power by converting its Empire into an "Imperial Federation" or "Imperial Union".⁵ This movement was known as the Round Table.

The Round Table occupies a special place in most populist accounts of the New World Order, the group given a pivotal role in the World Government conspiracy. David Icke, for example, writes that the Round Table "spawned a network of interconnecting groups in many countries working toward a common aim...world government".³ The reason for this focus on the Round Table is the rather sensational analysis of the group provided by Carroll Quigley (1910–1977) in his 1966 book, *Tragedy and Hope: A History of the World in Our Time*. A professor of history and international relations at Georgetown University, Quigley discussed the Round Table movement in some detail, claiming it formed the hub of an "international Anglophile network" which had exercised disproportionate influence over the American and British governments for much of the 20th century. More importantly, he personally confirmed the existence of this alleged network, citing some 20 years of studying its history, including gaining exclusive access to its documents over a two-year period; even claiming that for much of his life he was "close to it and to many of its instruments".⁷

For many researchers, Quigley's personal testimony has seemed reason enough to

repeat his claims without exploring them much further, let alone without questioning their accuracy. Australian researcher Jeremy Lee, for instance, suggests *Tragedy and Hope* "exposed beyond argument" the existence of the New World Order conspiracy,⁸ while numerous other researchers continue to place the Round Table in key positions in wiring diagrams, linking it to the Council on Foreign Relations and Chatham House as though it were still a powerful organisation near or at the top of the New World Order hierarchy.⁹

It is not the intention of this article to join this consensus position of uncritically accepting Quigley's account of the Round Table's power—an acceptance based solely on his still unproven claims of special access.¹⁰ Nor is it the intention to embrace Gary Allen's claim that the Round Table was a "secret society... dedicated to establishing a world government".¹¹ Equally, this article avoids the habit of more mainstream historians of minimising the role of the Round Table and relegating it to a mere footnote. Instead, this article endeavours to establish that while Quigley's claims contain some elements of truth, the Round Table's contribution to the New World Order is more complex than is commonly supposed.

In fact, the movement is an unlikely participant in the push for global governance. Founded by advocates of Anglo-Saxon racial and political superiority, their scheme for imperial federation originally intended to consolidate the British Empire to protect it from disintegration and an expected challenge from Germany, the Round Table, at least initially, represented imperialist rather than internationalist ideals.

Moreover, despite its apparent wealth and political connections and an ambitious propaganda program, the Round Table conspicuously failed to achieve its goal of imperial federation. It also fell short in its attempts to remould the League of Nations concept into a form that would support the Round Table's imperialist ambitions. The movement would also be beset by divisions between those who viewed the federation of the British Empire as an end in itself, and those who believed imperial federation should be a stepping-stone to world government.

Nevertheless, the movement's vision of a world ruled by an Anglo-American federation represented one of the first attempts in the 20th century by a power-elite clique to bypass democracy in order to achieve its goal of overriding national sovereignty and establishing a supranational form of governance. Yet, as this article seeks to demonstrate, the Round Table movement's legacy was not one of success but of failure. Its members' efforts to arrest Britain's decline by unifying the Empire soon proved futile, and their dream of ruling the world slipped from their grasp.

CECIL RHODES AND HIS IMPERIAL VISION

The Round Table was the product of two people: Cecil Rhodes (1853–1902) and Lord Alfred Milner (1854–1925). This was not to be a living partnership, given Rhodes's untimely death well before the Round Table was founded and their limited contacts while he was alive, but more of a posthumous association in which Milner sought to realise Rhodes's dream of a unified British Empire. As prominent Round Table member

Leopold Amery (1873–1955) later observed, "If the vision was Rhodes', it was Milner who over some twenty years laid securely the foundations of a system whose power...throughout the English-speaking world...would be difficult to exaggerate".¹² While his claims of the Round Table's power can be forgiven as wishful thinking, Amery by no means overstates the importance of Rhodes and Milner.

Cecil Rhodes is better known as the founder and primary owner of the famous diamond company, De Beers; as creator of the colonies of Northern and Southern Rhodesia (now Zambia and Zimbabwe); and as Prime Minister of the Cape Colony from 1890 to 1896.¹³ Compelled by a life-threatening heart condition to leave Britain, Rhodes had travelled in the 1870s to southern Africa where he made his fortune in the diamond-mining boom in the Kimberley region. It was there that Rhodes first demonstrated his desire for centralised control.

Rhodes believed the intense competition between the hundreds of small mining companies was damaging the viability of the diamond industry. His solution was to establish a company with monopoly control over the supply of diamonds, thus making it more profitable in the long term. In 1888 Rhodes realised his vision, collaborating with share dealer Alfred Beit and the

London bankers Nathaniel M. Rothschild and Sons to buy out rival mining companies throughout the Kimberley region. The product of this collusion was a single diamond mining company, De Beers Consolidated Mines. This bold move gave Rhodes and his backers "control of the commanding heights of the Cape economy" (Thomas) and made him, "almost overnight, the most powerful man in Africa" (Rotberg).¹⁴

As Prime Minister of the Cape Colony, Chairman of De Beers and one of the richest and most aggressive imperialists in southern Africa,

Rhodes commanded considerable power and his exploits earned him the admiring accolade of "the Colossus of Africa". Driven by an imperialist fervour, the Colossus embarked on a number of bold schemes devoted to the expansion and consolidation of British rule in Africa. Some of these plans were partially successful, such as the annexation of Matabeleland and Mashonaland in support of the British South Africa Company's goal of controlling all the land in the interior of Africa between the Limpopo and the Nile. Other schemes, such as his attempt to overthrow the Boer government in the Orange Free State through the Jameson Raid and his plans for a trans-African railway stretching from the Cape to Cairo, were for him personally costly and conspicuous failures.

Yet, in pursuing these various projects, Rhodes was not enacting his own ideas but using the plans of others to fulfil his broader vision. As one historian observed: "Rhodes was not a thinker; he was doer. He appropriated the ideas of others rather than conceiving ideas himself."¹⁵ Significantly, the only exception to this rule was his most ambitious grand design of all: imperial federation.

This is not an accepted fact in most accounts, including in Quigley's book where the famous British artist John Ruskin is cited as the sole source of Rhodes's enthusiasm for imperial federation. Rhodes is said to have attended the inaugural lecture given at Oxford in 1870 by Ruskin, then Professor of Fine Arts,

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and to have been so inspired that he kept a copy of the lecture with him for the next 30 years, regarding it as "one of his greatest possessions" (Quigley).¹⁶ The problem with this version of events is that Rhodes did not attend Oxford until September 1873, thus obviously missing Ruskin's lecture; more importantly, as Rotberg notes, there is "absolutely no evidence...that Rhodes was ever affected by Ruskin's popularity and the cult which helped spread his message of light, right and duty".¹⁷ There are certainly good grounds for supposing that Rhodes would have agreed with most of Ruskin's message that Britain's destiny, "the highest ever set before a nation", was to make it "for all the world a source of light" by founding colonies "as far and as fast as she is able to".¹⁸ There is, however, no single source of inspiration for Rhodes's dream of unifying the British Empire.

The range of influences on Rhodes's imperial thinking was legion. His favourite books included the works of Classical Greek and Roman scholars, such as Aristotle's *Ethics*, Plato's *Republic*, Plutarch's *Lives*, Marcus Aurelius' *Meditations*, and Thucydides' *History*, or were about the Roman Empire—evident in his avid reading and rereading of Edward Gibbons's six-volume *The Decline and Fall of the Roman Empire* (1776–1788). These books had exposed Rhodes to the cosmopolitanism of the Stoics and also to arguments extolling the virtues of imperialism. From these, it seems, he had concluded that it was Britain's destiny to succeed Rome as the ruler of the world.¹⁹

Another key influence was William Winwood Reade's book, *The Martyrdom of Man* (1872), a neo-Darwinian tome which presents a universal history of humanity supporting the argument that suffering is necessary to the achievement of progress. Rhodes had read *Martyrdom*, describing it as a "creepy book", but he also said, somewhat ominously, that it had "made me what I am".²⁰

He also found inspiration in the imperialist fervour generated by Prime Minister Benjamin Disraeli's expansion of the British Empire in the 1870s. Disraeli himself was an advocate of imperial federation.

Arguably, it was from this rich concoction of ideas and influences, rather than from Oxford itself—where he apparently learned little—that Rhodes had developed his own unique vision of imperial federation.

RHODES AND HIS "CONFESSION OF FAITH"

Rhodes first put his vision of imperial unity to paper on 2 June 1877 in his handwritten testimony, the so-called "Confession of Faith". In the Confession, Rhodes stated he had concluded that his chosen calling in life was not marriage, travel or the accumulation of wealth, but to make himself useful to his country. Expressing his belief in the inherent racial and cultural superiority of Anglo-Saxons, Rhodes argued that only the British should rule the world:

I contend that we are the finest race in the world and the

*more of the world we inhabit the better it is for the human race. Just fancy those parts that are at present inhabited by the most despicable of human beings; what an alteration there would be in them if they were brought under Anglo-Saxon influence... Added to which the absorption of the greater portion of the world under our rule simply means the end of all wars.*²¹

To this end, Rhodes put forward his own vision of an expanded British Empire that would be achieved by the formation of a secret society:

*Why should we not form a secret society with but one object: the furtherance of the British Empire and the bringing of the whole uncivilised world under British rule for the recovery of the United States for making the Anglo-Saxon race but one Empire. What a dream, and yet it is probable, it is possible.*²²

Rhodes's motivation for creating his own secret society stemmed from his disappointment and contempt for Freemasonry, which he had recently joined.

This secret society would have "its members in every part of the British Empire", including in the schools and universities to select new members and in the Colonial legislatures, where they would "advocate the closer union of England and colonies, to crush all disloyalty and every movement for the severance of our Empire". He also envisaged this secret society owning "portions of the press, for the press rules the mind of the people".²³

Rhodes's motivation for creating his own secret society stemmed from his disappointment and contempt for Freemasonry, which he had recently joined. His disdain for the Craft had been almost immediate, demonstrated at his induction banquet in June 1877 where, as a new life member for the Apollo Chapter of the Masonic Order, Rhodes scandalised his brethren by casually revealing the mystic cult secrets of the 33rd Degree Rite.²⁴ In his Confession, Rhodes

denigrated the Freemasons as an essentially pointless organisation whose members "devote themselves to what at times appear the most ridiculous and absurd rites without an object and without an end". However, this was not a blanket rejection of secret societies, as he expressed his admiration for the Jesuits whom he believed had achieved much despite their "bad cause" and "bad leaders".²⁵

Elements of Rhodes's Confession were incorporated into his wills, of which eight were produced over the years as his fortune and ambitions increased but his cardiovascular problems worsened, reminding the Colossus that his time in this world was short. His second will of 19 September 1877, for example, was produced following a "heart attack" he had suffered in August of that year.²⁶ Although it had only two executors, that document clarified Rhodes's essential vision of establishing a "Secret Society" devoted to "the extension of British rule throughout the world", including the "ultimate recovery of the United States as an integral part of the British Empire". This would culminate in: ...consolidation of the whole Empire, the inauguration of a

*system of Colonial Representation in the Imperial Parliament which may tend to weld together the disjointed members of the Empire, and finally the foundation of so great a power as to hereafter render wars impossible and promote the best interests of humanity.*²⁷

All that remained was to bring about this desired state of affairs, and in successive wills Rhodes continuously refined his envisaged secret society. In a letter accompanying his fourth will, written in June 1888, Rhodes instructed Lord Nathaniel M. Rothschild (1840–1915)—his collaborator and financier at De Beers and to whom he originally left most of his fortune—to obtain the Constitution of the Jesuits and "insert English Empire for Roman Catholic Religion" so the secret society could use the document as its charter.²⁸

But Lord Rothschild, although a supporter of imperial expansion, soon proved unworthy of this task. For one, Rothschild failed to meet Rhodes's immediate demands for assistance in achieving his various schemes in Africa. This frustrated the Colossus of Africa, who had apparently believed in the great power of the Rothschild name to work the all-too-numerous miracles he required.²⁹

Lord Rothschild also seemed unable to absorb Rhodes's ultimate imperial vision. The disappointment was obvious. Rhodes was to confide to his friend Lord Esher in 1891 that Lord Rothschild "...is absolutely incapable of understanding my ideas. I have endeavoured to explain them to him, but I could see from the look on his face that it made no impression...and that I was simply wasting my time." The fate of Britain's richest banker was to be removed from Rhodes's subsequent wills and replaced with an anonymous trustee.³⁰

STEAD AND THE "ANGLO-AMERICAN RE-UNION"

Rhodes was to find a more understanding audience through his friendship with William T. Stead (1849–1912), editor of the *Pall Mall Gazette* and founder of the periodical, *Review of Reviews*. Stead was an ardent supporter of imperialism, conceiving it in Ruskinian terms of Britain's moral duty to the rest of the world, which he defined as the "imperialism of responsibility". He was a supporter of imperial federation, evident in the avowed purpose of *Review of Reviews* of "promoting the re-union of the English-speaking race".³¹

However, Stead had also been a member of the South Africa Committee, which was opposed to Rhodes's brutal methods of expanding British rule in southern Africa. Nevertheless, it was an article by Stead in the *Pall Mall Gazette*, endorsing an "Anglo-American re-union", that had prompted Rhodes to seek him out during his visit to England in April 1889. Their subsequent meeting was to have a profound effect on Stead, who was to put aside his previous reservations and write excitedly of his newfound admiration for Rhodes, proclaiming that he had never before "met a man who, upon broad Imperial matters, was so entirely of my way of thinking". Stead was especially impressed

with Rhodes's "gorgeous" ideas for the "federation, expansion and consolidation of the Empire".³²

The impact appears to have been mutual, with Rhodes giving Stead a gift of £2,000 to settle an adverse libel judgement and promising £20,000 to promote their ideas of imperial federation through the British media. In time, Rhodes was to show his confidence in Stead by naming him a trustee in one of his wills.³³ Stead was also to have an impact on the Anglo-American component of Rhodes's imperial vision. It is noted by Quigley that Rhodes accepted Stead's proposal to modify his vision of imperial federation to make "Washington the capital of the whole organisation or allow parts of the empire to become states of the American Union".³⁴ According to Stead's own account (and Quigley's most likely source), it was during Rhodes's visit to England in February 1891 that the diamond magnate had finally:³⁵

...expressed his readiness to adopt the course from which he had at first recoiled...that of securing the unity of the English-speaking race by consenting to the absorption of the British Empire in the American Union if it could not be secured any other way... [H]e expressed his deliberate conviction that English-speaking re-union was so great an end in itself as to justify even the sacrifice of the distinctive features and independent existence of the British Empire.

This Anglo-American arrangement thus became one of the central components of his envisaged supranational enterprise, if not an obsession. Rhodes often blamed King George III for the loss of the American colonies (see epigraph), and once lamented to Stead that "if we had not lost America...the peace of the world [would have been] secured for all Eternity!" The postscript to his will of September 1893, for example, expressed his belief that the merger of Britain and the United States would "take the government of the whole world", leading to the "cessation of all wars and one language throughout the world".³⁶

Elsewhere, Rhodes envisaged joining the British House of Commons to the United States Congress, establishing an "Imperial Parliament" that would sit for five-year periods, alternating between London and Washington.³⁷

Rhodes's vision can appear quite idealistic, even naïve, in its motivations. Quigley contends that Rhodes's utopian scheme for a world-dominating Anglo-American Federation was driven not by greed or other materialist wants but by a sincere belief in Britain's mission to spread its culture and values worldwide for the common good. However, Rhodes also made some quite rational calculations about British power, particularly its declining economic fortunes. He recognised that British trade was suffering due to "hostile tariffs" imposed by America and Europe. As he was to tell Prime Minister Gladstone, the only logical solution was the "further acquisition of territory", giving Britain a domain large enough to maintain tariffs against the rest of the world. "Great Britain's position depends on her trade,"

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Rhodes argued, saying that if Britain did not "take and open up the dependencies of the world which are at present devoted to barbarism, we shall shut out the world's trade".³⁸

Quite simply, Rhodes did not believe that free trade in itself would benefit Britain unless there were some political action to support it, preferably in the form of imperial expansion and consolidation. "Being a Free Trader," he was to write to Stead, "I believe that until the world comes to its senses you should declare war with those who are trying to boycott your manufactures." He had been particularly taken by South African politician Jan Hendrik Hofmeyr's proposal, first raised at the 1887 Colonial Conference, of an Empire-wide two-per-cent tariff against foreign goods. "The politics of the next hundred years are going to be tariffs and nothing else," Rhodes proclaimed while Prime Minister of the Cape Colony. In his letter to Stead, Rhodes identified the only possible solution: "You might finish the [tariff] war by union with America and universal peace, I mean after a hundred years and a secret society organised like [St Ignatius] Loyola's [founder of the Jesuits]."³⁹

THE NEW WEISHAUP

In pursuing this course, Rhodes was in many respects one of the first true modern heirs to Adam Weishaupt, founder of the Bavarian Illuminati. A Professor of Law at the University of Ingolstadt and a former Jesuit priest, Weishaupt created the Illuminati in 1776 to achieve his radical, utopian goal of transforming society. He envisaged a world devoid of "princes and nations", in which the human race would "become one family".⁴⁰

Rhodes's similarities with Weishaupt are threefold: first, he came to the same conclusion as Weishaupt that creating his own secret society for the purposes of changing elite opinion was the only means to ensure that his goals could be achieved; second, he was similarly unimpressed by the Freemasons and the Jesuits, yet he copied their methods; and finally, his ultimate goal was essentially the same as Weishaupt, in that he sought to create a world order in which peace would prevail as divisions would be

overcome by a global civilisation, albeit an Anglo-Saxon one.

There were a number of important differences, however, with Rhodes being influenced by Classical philosophers rather than by the Enlightenment theorists whom Weishaupt admired; this had made him into an ardent imperialist rather than the cosmopolitan idealist that Weishaupt clearly was. Unlike Weishaupt, a radical thinker who aspired to overthrow the existing political and religious order, Rhodes sought only to expand and preserve what he regarded as the absolute pinnacle of human civilisation: the British Empire.

Furthermore, Weishaupt was an academic of limited means, whose only hope of realising his vision was to use the Illuminati to try to infiltrate existing centres of power and sway elite opinion. His ambitious endeavour met with some success, but ultimately ran afoul of the Bavarian authorities, culminating in his exile and the banning of the Illuminati.

Rhodes, in contrast, with a controlling stake in southern Africa's diamond monopoly, two terms as Prime Minister of the Cape Colony and feted by Britain's Establishment,

had at his disposal enormous financial and political resources—and, as such, ample opportunity to act on his ideas without fear of persecution by the state because, especially in southern Africa, he was the state.

Part Two examines Alfred Milner's role in the first efforts to realise Rhodes's vision of a secret society devoted to imperial unity.

Continued next issue ...

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Endnotes

1. Quote attributed to Rhodes in Frederic Whyte, *The Life of W. T. Stead*, Jonathan Cape, 1925, vol. II, p. 206.
2. Paul Kennedy, *The Rise and Fall of the Great Powers: Economic Change and Military Conflict from 1500 to 2000*, Random House, 1987, pp. 224–226.
3. Niall Ferguson, *Empire: How Britain Made the Modern World*, Basic Books, 2003, p. xxiii.
4. Kennedy, *The Rise and Fall of the Great Powers*, pp. 226–229 (quote on p. 229).
5. Quoted in A. M. Gollin, *Proconsul in Politics: A Study of Lord Milner in Opposition and in Power*, Anthony Blond, 1964, p. 16; and Walter Nimocks,

Milner's Young Men: The "Kindergarten" in Edwardian Imperial Affairs, Duke University Press, 1968, p. 124.

6. David Icke, *...And The Truth Shall Set You Free: The most explosive book of the 20th century*, Bridge of Love, 1995, p. 67.
7. See Carroll Quigley, *Tragedy and Hope: A History of The World in Our Time*, McGriff Press, 1966–1974, pp. 130–133, 144–153, 950–956; and Quigley, "The Round Table Groups in Canada, 1908–38", *Canadian Historical Review*, September 1962, pp. 204–224.
8. Jeremy Lee, *Australia 2000: "What Will We Tell Our Children?"*, Pickford Productions, 1997, p. 28.
9. See, for example, David Icke (*...And The Truth Shall Set You Free*, p. 151),

who places the Round Table at the centre of his diagram, which is in fact a copy of Stan Deyo's "Round Table of the Nine" diagram in his book *The Cosmic Conspiracy* (West Australian Texas Trading, 1992, p. 96). Dr John Coleman, in contrast, presents the Round Table as an offshoot of the Royal Institute for International Affairs, itself beneath the "Committee of 300"; see *Conspirators' Hierarchy: The Story of the Committee of 300*, America West Publishers, 1992, p. 265.

10. It is hoped that an enterprising researcher will some day analyse Quigley's research notes for *Tragedy and Hope*, now available at Georgetown

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NIKOLA TESLA'S AETHER-POWERED CAR

***In the northern
summer of 1931,
Dr Nikola Tesla
road-tested a luxury
Pierce-Arrow sedan
fitted with an
1800 rpm AC
electric motor and
powered by a
receiver tuned to
tap energy from
the aether.***

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The city of Buffalo, in the north of New York State, USA, bore silent witness to an extraordinary event one week in the (northern) summer of 1931. The economic Depression had dampened business and manufacturing to some extent, but the city was nevertheless a hubbub of activity. Among the thousands of vehicles travelling the streets of the city one day, a luxury car stopped by the kerb at a traffic light intersection. A pedestrian noticed that the car was a new Pierce-Arrow sedan, with headlight housings blending into gracefully swept front fenders in the unique Pierce-Arrow style. What also set the elegant car apart was that on this cold day, there was no visible vapour belching from the exhaust pipe. The bystander approached the driver and through the open window commented on the lack of fumes coming from the exhaust. The driver acknowledged the man's compliment and remarked that it was because the car had "no engine".

This statement is not as whimsical or mischievous as it may seem. There was some truth to it. The Pierce-Arrow did indeed have no internal combustion engine. It had an electric motor instead. If the driver had cared to expand his comment further, he might have told the pedestrian that the electric motor ran with no batteries—with no "fuel" of any kind.

The driver was Petar Savo, and though he was operating the car he was not responsible for its astonishing features. These were the work of his sole passenger, a man whom Petar Savo knew as an "uncle": none other than the electrical genius Dr Nikola Tesla (1856–1943).

In the 1890s, Nikola Tesla revolutionised the world with his inventions in practical electricity, giving us the induction electric motor, alternating current (AC), radio telegraphy, wireless remote control, fluorescent lamps and other scientific marvels. It was Nikola Tesla's polyphase current (AC), not Thomas Edison's direct current (DC), that really ushered in the modern technological age.

Tesla did not rest on his laurels but continued to make fundamental discoveries in the fields of energy and matter. He discovered cosmic rays decades before Millikan, and was an early developer of X-ray, cathode ray and other vacuum tubes.

However, Nikola Tesla's potentially most significant discovery was that electrical energy could be made to propagate through the Earth and also around the Earth in an atmospheric zone called the Schumann cavity. It extends from the planetary surface to the ionosphere at about 50 miles (80 kilometres) altitude. Electromagnetic waves of extremely low frequencies in the range of 8 Hz (the Schumann resonance or pulse of the Earth's magnetic field) *travel with virtually no loss, to any point on the planet.* Tesla's system of power distribution and his dedication to free energy meant that his system could be tapped by anyone in the world with the right electrical device correctly tuned to the power transmission.

This threat to powerful interests and their distribution and sale of electrical power was too great. Tesla's discovery resulted in the withdrawal of financial backing, ostracism from the scientific mainstream and the gradual removal of his name from the history books. Having had the status of a scientific superstar in 1895, Tesla was virtually a "non-person" by 1917, limited to performing small-scale scientific experiments in virtual seclusion. A thin figure in his open coat of pre-World War I style, he would announce his discoveries and developing ideas to journalists during his annual birthday briefings for the press. It was a sad mixture of ego and frustrated genius.

In 1931, Nikola Tesla turned seventy-five. In a rare display of media tribute, *Time*

magazine honoured him with a cover portrait and biographical profile. The elderly scientist/engineer was gaunt though not unhealthy, his hair still a shining black, and he had the same far-away look in his visionary eyes.

Electric Cars Fall Behind

At the beginning of the 20th century, the prospects for the electric automobile were bright. Visionaries like Jules Verne had anticipated battery-powered vehicles that were mechanically simple, silent, odourless, straightforward to operate and less cantankerous than any gasoline-engined car.

In the petrol-engined automobile, one had to pre-set the throttle linkage, advance the spark control, pump the accelerator and rotate the engine with a crank. In an electric car, one only needed to turn a key and press the accelerator. Releasing the accelerator slowed down the car immediately.

In an age of few motor garages, electricians could service the simple DC motors if necessary. There was no oil to change, no radiator to fill, no fuel or water pumps to service, no carburettor problems, no exhaust pipe to rust, no clutch or transmission to service, and no pollution! Grease and oil use was limited to two bearings in the electric motor and a number of chassis fittings.

Department stores made use of electric delivery trucks. Doctors began making house calls in "electrics". Women took to electric cars for their ease of operation. Since electric cars were limited in their range and speed by their batteries, they became popular as town carriages.

Outside of town, the country roads of America were so primitive that they became the preserve of the rapid (and rapidly improving), long-range, internal combustion engine car. Thus, a sort of golden age of electric vehicles persisted in America after the rest of the world had begun to discard them. Detroit Electric, Columbia, Baker, Rauch & Lang, and Woods were the most significant among a host of manufacturers of this type of vehicle.



A 1931 Pierce-Arrow Eight sedan, similar to the Tesla electric test car.
(Photo courtesy of John Filiss, *Serious Wheels*)

They flourished in their market niche with a range of formal, often elegant, closed-carriage designs.

The Achilles heel of the electric automobile, however, was always the energy density of its batteries, or the lack of it. Batteries were of the lead-acid type, and were heavy and bulky and took up valuable storage space. The excessive weight made for lumbering handling and sluggish performance, even by the standards of the day. Electric vehicles could not exceed 45–50 mph (70–80 km/h), as such speed might destroy the batteries in mere moments. Bursts of speed to 35 mph (57 km/h) could be

sustained for only a very short duration, and travel in the 15–20 mph (24–32 km/h) range was typical. The batteries required charging every night and the range of travel was seldom over 100 miles (162 kilometres). No electric vehicle manufacturer had ever installed a DC generator, which would have returned a small charge back into the batteries as the vehicle moved, thus increasing operating range. Promises of coming breakthroughs in new, powerful batteries were made as far back as Edison's heyday but ultimately came to naught.

As the speed and reliability of petrol-engined cars improved, the electric car fell out of favour, becoming associated with retired gentlemen and little old ladies. The electric starter on conventional cars put the final nail in the coffin of electric vehicles.

Enter Dr Nikola Tesla

In the 1960s an aeronautical engineer named Derek Ahlers met Petar Savo and developed a long friendship with him. Savo would talk with Ahlers during their 10-year acquaintance about his illustrious "uncle" Nikola Tesla and his exploits in the 1930s. (Savo was a younger relation of Nikola Tesla and if not actually a nephew he would customarily refer to him as "uncle").

In 1930, Nikola Tesla asked his "nephew" Petar Savo to come to New York City. Savo (born in Yugoslavia in 1899 and thus 43 years younger than Tesla) had been in the Austrian military and was a trained aviator, and he eagerly took up the opportunity to leave Yugoslavia (also Tesla's country of birth). He moved to America and settled in New York City.

In a series of interviews in 1967, Mr Savo related his part in the affair of the Tesla electric car.

During the summer of 1931, Tesla invited Savo to Buffalo, New York state, to unveil and test a new type of automobile which Tesla had developed with his own funds. Coincidentally, Buffalo is close to Niagara Falls—where Tesla's AC hydroelectric power station went on line in 1895, marking the pinnacle of his esteem in the eyes of orthodox science. Westinghouse Electric and the Pierce-Arrow Motor Car Company had prepared this experimental electric car under Dr Tesla's guidance. (George Westinghouse had bought Tesla's AC-current patents for US\$15 million at the turn of the 20th century.)

**Department stores made use
of electric delivery trucks.
Doctors began making house
calls in "electrics".
Women took to electric cars
for their ease of operation.**

The Pierce-Arrow Company was now owned and bankrolled by the Studebaker Corporation and used this firmer financial footing for a burst of innovation. Between 1928 and 1933, the company released new models with straight-eight-cylinder and V-12 engines, the futuristic Silver Arrow show cars, new styling and improvements in engineering. Customers responded and Pierce-Arrow sales even improved the company's share of the diminishing luxury car market in 1930. In such a surge of confidence, "blue sky" projects such as Tesla's electric car were within the conceptual sphere. With the company's traditional mixture of arrogance and naïvety, anything seemed possible.

Thus, a 1931 Pierce-Arrow Eight had been selected for testing from the factory's proving grounds in Buffalo, New York. Its internal combustion engine had been removed, leaving the clutch, gearbox and transmission to the rear wheels intact. The ordinary 12-volt storage battery remained, but an 80-hp electric motor had been coupled to the transmission.

Traditionally, electric cars had battery-powered DC motors, as DC is the only type of current that batteries can provide. A DC to AC converter could have been used, but the equipment was too large in those days to fit into an automobile.

The twilight of electric cars had long since passed, but this Pierce-Arrow was fitted with no simple DC motor. It was an AC electric motor designed for 1800 rpm. The motor itself was 40 inches long and 30 inches in diameter (102 x 76 cm), was brushless and air-cooled with a front cooling fan, and displayed twin power cable leads which were directed to underneath the dashboard but left unconnected. Tesla would not say who had manufactured the electric motor, but it is thought that it was possibly one of the divisions of Westinghouse. An antenna rod of 6 feet (1.83 m) in length had been fitted to the rear of the car.

The "Aether-Arrow" Affair

Petar Savo joined his famous elder relative as requested, and they boarded a train in New York City for upstate New York. During the journey, the inventor would not elaborate on the nature of the experiment.

Upon arrival in Buffalo, they went to a small garage where they found the new Pierce-Arrow. Dr Tesla opened the hood and made a few adjustments to the AC electric motor within. They then departed to prepare Tesla's equipment. In a nearby hotel room, the electrical genius assembled his apparatus. He had brought 12 special vacuum tubes in a boxlike case. The tubes were described by Savo as "of curious construction", though at least three have since been identified as 70L7-GT rectifier beam tubes. They were plugged into a device that was housed in a box, 2 feet long, 1 foot wide and 6 inches high (61 x 30.5 x 15 cm). It was no larger than

a shortwave radio cabinet. Within was his electronic circuit comprising the 12 vacuum tubes, wire and assorted resistors. Two rods of a quarter-inch diameter and three inches in length (0.6 x 7.6 cm) apparently served as connectors to the motor leads.

When they returned to the test car, they placed the box in a pre-fitted position on the passenger side under the dashboard. Dr Tesla pushed in the two contact rods and consulted a voltmeter.

"We now have power," he declared, handing the ignition keys to his nephew. There were additional gauges on the dashboard that read values which Tesla would not explain.

At his uncle's request, Savo started the engine. "The engine is now in motion," affirmed Tesla. Savo heard no sound. Nevertheless, with the electrical savant in the passenger seat, Savo selected a gear, pressed the accelerator pedal and drove the car out.

Petar Savo drove this fuelless car for a long time that day, for 50 miles through Buffalo and out into the countryside. With a speedometer calibrated to 120 mph (192 km/h), the Pierce-Arrow was taken up to 90 mph (145 km/h), still with the same degree of silence from the motor.

Dr Tesla became more relaxed and confident about his invention as they drove through the countryside. He began to open up to his nephew regarding its secrets. The device was capable of supplying the vehicle's power needs forever, but, more than this, it was also capable of meeting the power requirements of a house—and with power to spare.

Initially reluctant to explain the principles, Dr Tesla did admit that his device was merely a receiver for a "mysterious radiation, which comes out of the aether" and which "is available in limitless quantities".

"Mankind should be very grateful for its presence," he mused.

Over the course of the next eight days, Tesla and Savo tested the Pierce-Arrow in city and country conditions, from crawling speed to 90 mph. Performance was equal

to any powerful, multi-cylinder car of the day, including Pierce's own 366-cubic-inch (6-litre), 125-bhp Eight.

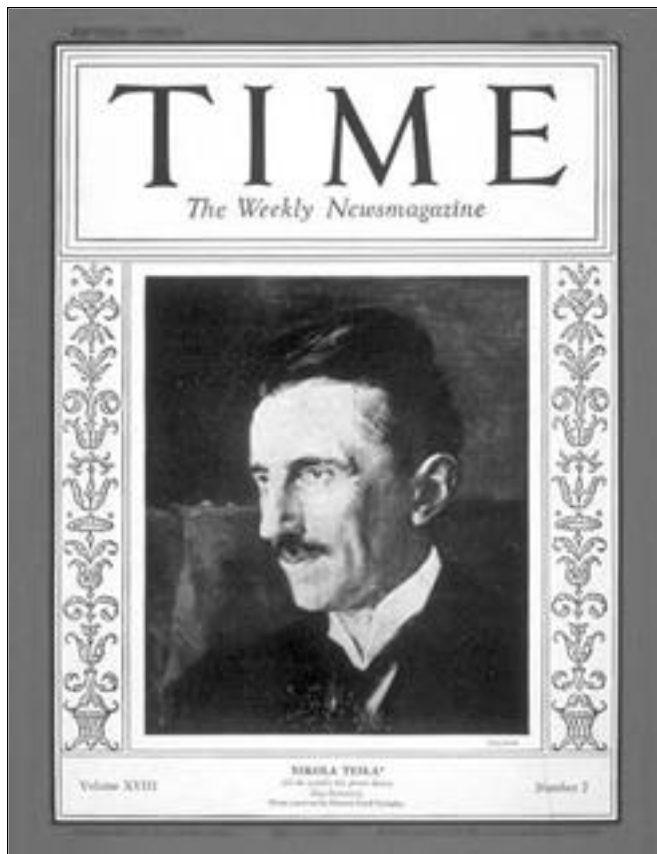
Tesla told Savo that the energy receiver would soon be used to power trains, boats, planes and automobiles.

The inventor and his accomplice finally delivered the car to a secret, pre-arranged location—an old barn near a farmhouse 20 miles from Buffalo. They left the car there, Dr Tesla taking the ignition key and his receiver device with him.

This cloak-and-dagger aspect of the affair continued. Petar Savo heard a rumour that a secretary had spoken openly about the secret tests and had been fired for the indiscretion. This may explain how a garbled account of the tests came to appear in several newspapers.



Advertisements for Baker and Rauch & Lang electric cars, circa 1915, advocated their comfort and reliability as ideal for a woman's car. Note the merger of two electric carmakers by this time: Baker, and Rauch & Lang. Each retained its own slogan: Baker ("Quality, Service" and Rauch & Lang ("The Social Necessity").



Dr Nikola Tesla was featured on the cover of the 20 July 1931 issue of *TIME* magazine (vol. XVIII, no. 3). The portrait was painted by Princess Vilma Lwoff-Parlaghy and first exhibited in March 1916. (Photo courtesy of *Time-Life*)

Dr Tesla was asked where the power came from, in the obvious absence of batteries. "From the aethers all around us," he replied reluctantly.

Some people suggested that Tesla was mad and somehow in league with sinister, occult forces. Tesla was incensed. He removed his mysterious box and himself, returning to his New York City laboratory. So ended Nikola Tesla's brief foray into automotive applications.

This security breach incident may be apocryphal, as Tesla was not averse to using publicity to promote his inventions and ideas, although when these devices threatened the industrial status quo he had every reason to be circumspect in his dealings.

The Pierce-Arrow Company had already reached the pinnacle of its success in 1930. In 1931, it was on the way down. In 1932, the Company lost US\$3 million. In 1933, the writing was also on the wall for parent company Studebaker, which teetered on the very brink of liquidation. The focus moved from innovation to mere survival, and here Pierce-Arrow leaves our narrative.

A Mystery within an Enigma

About a month after the publicity incident, Petar Savo was phoned by Lee DeForest, a friend of Tesla and a pioneer developer of the vacuum tube. He asked Savo how he had enjoyed the tests. Savo responded enthusiastically and DeForest praised Tesla as the greatest living scientist in the world.

Later, Mr Savo asked his "uncle" about the progress of the power receiver in other applications. Dr Tesla replied that he was negotiating with a major shipbuilding company to build a boat with a similar arrangement to the electric test car. He would not

be pressed further for details, however, as he was hypersensitive regarding the security of his device—and with good reason. Powerful interests, who sought to stymie his every effort to promote and apply his technologies, had blackballed Tesla in the past.

This author is unaware of any known public record of the nautical experiment, or if it took place at all. Scant information made it into the public arena.

The *New York Daily News*, on 2 April 1934, ran an article entitled "Tesla's Wireless Power Dream Nears Reality", which described a "planned test run of a motor car using wireless transmission of electrical energy" for power. This was after the event and made no mention of "free energy".

At the time that the car might have been unveiled, the Westinghouse Corporation, under president F. A. Merrick, paid for Tesla's accommodation at New York's newest and most luxurious hotel, the New Yorker. There, the ageing scientist lived rent free for the rest of his life. Tesla was also hired by Westinghouse for some unspecified wireless research and he stopped his public statements on cosmic rays.

Did Westinghouse buy Tesla's reluctant silence on his free-energy discoveries? Or was he funded to pursue secret projects that were so speculative that they would be of no possible threat to established industry for the foreseeable future? The curtain drops on a mystery within an enigma. ∞

About the Author:

Igor Spajic bought his first copy of NEXUS because of an article on Nikola Tesla, and maintains an interest in the technology and history of the inventor. As a graphic designer, he has contributed illustrations to magazines and designed cartoon characters for a school musical education program. Igor is currently restoring a classic car, though he does not anticipate powering it with cosmic energy. Igor Spajic is preparing a follow-up article speculating on how Dr Nikola Tesla harnessed the energy of the Earth's magnetic field to power his car.

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THE WANDS OF HORUS

ANCIENT TOOLS FOR ENLIGHTENMENT

Copper and zinc rods filled with quartz crystals or minerals had certain energetic qualities that gave the ancient Egyptian elites a means of connecting directly with the power of the Great Pyramid and the energy of the cosmos.

by Dr Valery Uvarov

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Website: <http://www.wands.org>

What are the Wands of Horus? Their roots go back into the depths of time. For the priests and pharaohs of ancient Egypt, the Wands of Horus—metal cylinders filled with various special materials—were a tool enabling an "initiate" to pass over the "boundary of death", not in a figurative sense but in the direct one. The ancient doctrine of the hidden nature of the human being that revealed the way to the spiritual enlightenment envisaged by the nature of the Creator helped an initiate to discover the great Truth—neglect of which has cost many "spiritual mentors" their lives through the ages. Mastery of the secret of the Wands of Horus was, for those seeking to know the nature of existence, a decisive factor in preparing to enter into "intercourse with the gods" through the pyramids. The knowledge and wisdom that lie behind the ancient doctrine make it possible to unlock exceptional abilities in a human being.

If certain conditions are observed and sessions conducted on a regular daily basis, the Wands of Horus can not only correct but also stimulate a person's nervous, energy and immune systems, creating the preconditions for their improvement. This requires work founded on a precise understanding of what the Wands of Horus are and the principles by which they work, and knowledge of the cycles of activeness in the human energy system and a number of elements making up a complex approach—an essential part of which is interaction with natural sources of energy such as trees, rivers, lakes, the sea and mountains.

The Wands of Horus are also a means of prevention and treatment, providing the opportunity in certain disorders to correct particular deviations from the norm and noticeably improve a person's state of health, since they inspire very deep-running physiological and energetic processes.

It is important to stress that the knowledge of the ancient Egyptians was founded not on mystical, astrological or esoteric doctrines, but on a strict grasp of the principles on which the universe is founded. In other words, at the basis of the theoretical and spiritual constructs of the ancient Egyptian initiates lay first and foremost knowledge, not faith.

The Wands of Horus and, indeed, the knowledge of the ancients in general is a very interesting and wide-reaching topic. So, in order to help readers grasp the structure of principles invisible to the uninitiated eye and to draw closer to the sources of knowledge, the National Security Academy of Russia presents a book, *The Wands of Horus*, intended to bring to a wider public the recent results obtained from the study of the legacy of ancient Egypt. This book is the first to shed some light on the mystery of why the pyramid complex at Giza in Egypt was constructed. Reading it, you will find out not only about the principles that lay behind the idea of constructing the pyramids, but also about the connection between the Wands of Horus and the "energy source" located within the Great Pyramid.

As you learn more of the ancient knowledge, you will also find out about what prompted the ancient priests to create the Wands of Horus and about the mechanism by which the Wands interact with the natural planetary energy sources. It is that connection that gives the Wands of Horus their miraculous properties and their harmonising effect on a person's energy system and, as a consequence, on his or her general state of health.

One of the sections of the book is devoted to a description of the technology used to produce the Wands of Horus and the mechanism by which they operate. This will help the reader understand, down to the finest detail, how they are constructed and how the pyramid and the cylinders work as a single system. You will learn some results of

experiments conducted by Russian scientists to study the effect of the Wands of Horus on the human organism and the effect of the pyramid on animate and inanimate objects.

The Mechanism behind the Wands of Horus

The mechanism by which the cylinders act on the human organism is fairly complicated. We shall therefore try to explain in more basic terms that nonetheless convey fairly accurately the main idea of the process.

People who seek after knowledge are familiar with the concept of energy shells that, according to a certain Eastern tradition, make up the energy system of the human being. We know about the existence of the ethereal body, the astral body, the mental body and so on, up to the seventh energy body. But there is evidence that the ancient hierophants knew of the existence of several more energy bodies or shells, of which the present-day esoteric and other schools tell us nothing.

The final energy body, still unknown to humanity today, is the shell through which each person has direct contact with what people call "God" or the "Source" of everything, all knowledge and energy. Through that shell we have a link to all the world around us, as we are part of the Great Creative Principle. Since we possess that shell, we are ourselves in a way sources of energy.

Let us examine the human energy structure from viewpoints more accessible to the present-day reader.

What people commonly call the "aura" or "biological field" is the consequence of the interaction of the vibrations of various energy layers (bodies) within the human energy system.

The existing names of the energy bodies in any of the familiar traditions is nothing more than an agreed convention. Therefore, for the convenience and ease of understanding particularly of readers unfamiliar with "esoteric" doctrines, we shall call the first energy body "ethereal", the second "astral", the third "mental", and so on.

The human energy system consists of several energy bodies (levels) that differ in shape, energy density and vibratory rhythm (frequency). Most importantly, though, they have different characteristics. In examining the effect of the Wands of Horus on the human organism, we shall stick to the first two energy bodies that are responsible directly for a person's bio-energetic rhythm and emotional state.

The first (ethereal) energy body consists of vibrations and temperature rhythms in the person's physical capsule. Therefore any process taking place in the physical body is immediately reflected in the first energy body.

For example, an inflammatory process that has begun, localised in the small of the back (lumbago), is followed by oedema and an increase in temperature that immediately finds reflection in the altered shape and vibratory frequency of the corresponding part of the first energy body. Hence, influencing that part of the energy body and correcting the vibratory frequency leads to a reduction in the pain syndrome.

The lines of the first energy body precisely follow those of the physical body, forming an energy layer between 0.3 and 2–3 metres thick. The first energy body is the receptor and distributor of transformed cosmic energy—*prana*. It is through this body that our physical body becomes charged with the vital energy our organism needs.

The second (astral) energy body is responsible for our emotional state, and any nervous or psychological stress evokes changes in this body. The upsurge of emotions in stress leads to the destabilisation of the structure of the second energy body, producing changes that subsequently lead to discomfort and neuropsychological problems.

The human energy system has centres, known as *chakras*, through which the organism interacts with the outside world. We can picture a *chakra* as a sort of energy vortex (or funnel). The transformed energy of the cosmos, the earth, water and sunlight enters the physical body through the *chakras*. The *chakras*, being the immediate conductors of energy that has been processed in the energy system, pass it on to the person's endocrine system. All the *chakras* are connected to our physical body and are sort of projections of the endocrine system.

The main energy centres, while being projections of the endocrine system, also have their own projections. The first *chakra* has projections on the feet; the seventh *chakra* on the palms.

As soon as we pick up the Wands of Horus, several parallel processes begin simultaneously.

The human energy system consists of several energy bodies (levels) that differ in shape, energy density and vibratory rhythm (frequency).

Most importantly, though, they have different characteristics.

1) The electromagnetic induction effect

Human beings are an inseparable part of the ecosystem and, as such, are profoundly dependent on their environment. The Earth, as a living organism, has created special energetic-ecological conditions, in the "lap" of which all living things have been born and are developing. As soon as we begin to distance ourselves from nature, there is a resultant negative effect on our health.

All vital processes in nature take place at the level of the interaction of electromagnetic fields. Therefore, the weak currents of natural origin induced on the Wands of Horus begin to act on the nerve endings located in the palms when we pick up the wands.

Back at the beginning of the 20th century, Academician A. V. Leontovich discovered that a nerve takes the form of a cylindrical capacitor with its own self-induction. Accordingly, the natural currents induced on the nerve endings act on a substance in the nerve filaments that is an electrolyte with a highly complex chemistry.

The natural electromagnetic wave induced on the nerve endings has a stimulating effect on the entire nervous system, initiating complex electrochemical processes that lead to a general stabilisation of the nervous system.

(Detailed information about the action of the Wands of Horus on the nervous system is given in the medical instructions for use of the Wands of Horus in a forthcoming book; see website.)

2) The galvanic effect

As you probably know, copper and zinc are a galvanic couple. As soon as you take the cylinders in your two hands—the copper in the right hand, the zinc in the left—a potential difference of 0.8–1 volt, sometimes more, forms between them. The magnetic and electrical field acts effectively on the blood because it is made up of electrically charged particles. Any chemical reaction in our body comes down to the interaction of charged particles.

The main electrochemical parameter of the blood (pH) is determined by the number of positive electrical charges carried by positive hydrogen ions in proportion to the number of negative electrical charges carried by hydroxyl ions (OH⁻). If there are the same number of positive and negative charges, then overall the blood is electrically neutral, since charges of opposite sign cancel each other out. This is the optimal state necessary for the normal functioning of the organism.

It is in this state that many vital processes can proceed (such as the breaking down of proteins). Changes in the ratio of positive and negative ions—produced, for example, as a result of solar and magnetic storms—lead to a number of serious functional disruptions in the organism.

The presence of a potential difference formed between the Wands causes the process of balancing out (harmonising) the ratio of charged particles.

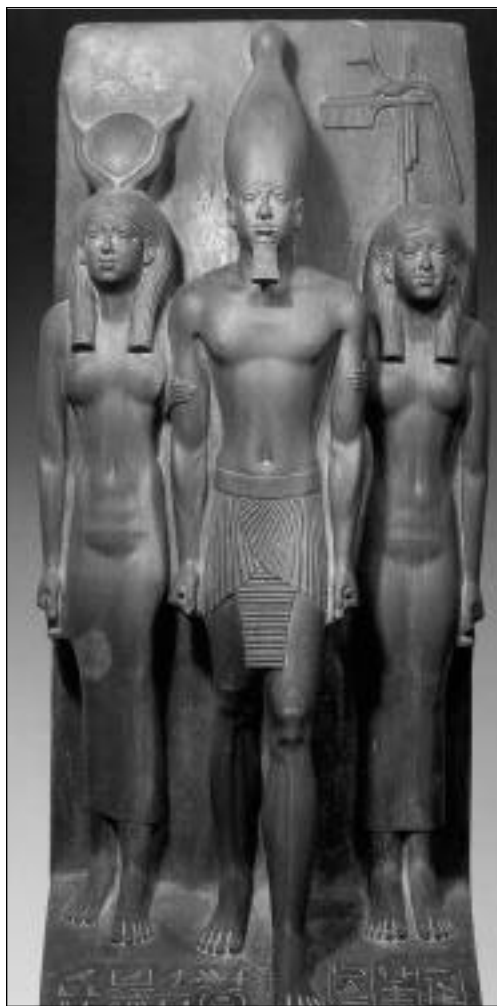
The stimulation by the electric current formed between the Wands of Horus encourages ATP synthesis, improves blood flow to the tissues and activates certain genes hitherto dormant in the molecules of DNA.

(Detailed information about the physicochemical processes that take place in the organism is presented in a separate appendix to the instructions for use of the Wands of Horus; see website.)

3) The piezo-electric effect

The human organism is, as we know, a kind of electrical generator. When we pick up the Wands, we immediately pass our own electricity on to them. As a result of this and the galvanic effect, a polarisation of the quartz crystals in the Wands takes place.

With the appearance of a potential difference between the ends of a crystal, a mild excitement of its crystal lattice takes place. This results in an increase in the energy level of the crystal and the



Many ancient Egyptian statues depict the use of the Wands of Horus.



Within a concrete pavilion lies the limestone colossus of Ramses II. Originally 13.5 metres in length, the broken statue is now 10.5 metres. Note the Wand in the right hand.

activity of the energy flow proceeding from the crystal.

At the same time, the potential difference arising between the ends of the crystal causes the appearance of electromagnetic oscillations across a broad spectrum—the piezo-electric effect. This property of quartz is used in quartz watches and quartz generators, producing electromagnetic waves (oscillations) of amazing stability.

All the vital processes in the human organism are regulated by the hormonal system, in which the hypothalamus and hypophysis play the role of both conductor and internal doctor. The weak electrical signals produced by the hypothalamus–hypophysis system, with the aid of which regulatory functions are carried out within the organism, are intensified by coming into resonance with the electromagnetic oscillations generated by the quartz. The result is a singling out of those signals and vibrations required at that specific moment to correct and restore the biorhythms of the organs and systems of the organism. This is of fundamental importance, as disturbances in the biorhythms are precisely how any disorders in the organism arise.

A Microcosm of Energy Processes

Remembering that the Wands of Horus are a sort of miniature model of certain energy processes taking place in the biosphere and a person's environment, let us examine them.

The Earth's crust contains about 72% quartz. Self-stimulation and polarisation of the quartz in the *crust* occurs through the constant spread through the Earth of acoustic waves and electrical discharges formed as a result of the deformation of the crust, earthquakes, volcanic eruptions and the tidal influence of the Sun, Moon and other planets. As a result of these processes, the quartz in the *core*, generating electromagnetic oscillations across a broad spectrum, creates an electromagnetic (energy) medium in which life exists and through which the interaction of all living things in the cosmos takes place.

This electromagnetic (energy) cocoon of the Earth is the carrier of oscillations associated with the source of life on Earth, which stimulates the development of numerous forms of life as well as the faculty of reason. It is this medium that is scanned by the alpha waves of the brain. But the central factor in the process of mechanical action on the



The modern Wands of Horus

quartz in the core is the seismic "respiration" of the Earth. Our planet "breathes" like a living organism. The "inhaling" and "exhaling" are accompanied by changes in the linear dimensions of the Earth as measured in an east-west direction. This "respiration" generates a particular electromagnetic wave which has a strict period (cycle) that imparts a certain rhythm to all processes occurring in the biosphere and noosphere. This rhythm plays a very important role in the life functions of the planet, determining the planet's own frequency.

Through harmonic resonance, the Earth's electromagnetic waves, interacting with the electromagnetic oscillations generated by the crystals of quartz in the Wands, has a stimulating effect on the organism as a whole.

At the same time, when we hold the Wands of Horus in our hands—under the influence of the human biological field through the projection of the corresponding energetic centres, located in the palms—they begin to activate the sixth and seventh *chakras* and the sixth and seventh energy structures around those *chakras*. On the physical plane there is stimulation of the hypothalamus and hypophysis, as they are projections of those energy centres in the physical human body. Activation of these centres leads to activation of the last energy shell (which is as yet unknown to mankind), and the organism begins to receive energy directly from the "Source".

The incoming energy from the crystals and the "Source" that is the multilevelled and multidimensional human energy system, plus the piezo-electricity generated by the crystals in the filling, forms an energy cocoon around the person's body. This "pranic cocoon", with an electromagnetic component vibrating at a frequency dictated by the hypothalamus and hypophysis through their projections located in the centre of the palms, corrects the holder's entire energy structure, giving a beneficial effect to the whole organism.

The essence of this observed phenomenon is that at the moment when the Wands of Horus, interacting with processes within the organism (against the background of the polarisation process),

attune to the holder, the organism itself sets the vibration, the rhythm, that it requires at that particular time. The rhythm is dictated by the characteristic vibration of the person—a sort of individual code. It is that individual vibration interacting with the crystal that causes the crystal lattice to resonate, setting the required rhythm. That rhythm (individual vibration) acts like a starter motor in a car, providing the impulse, starting the process by which the Wands of Horus subsequently themselves begin to vibrate at the appropriate frequency.

The Wands of Horus create and maintain an energy shell that, with the aid of the required vibratory frequency, initiates the process of self-correction. The flow of energy passing through the seventh *chakra* is transformed into a flow of vibrations at a particular frequency and harmonises the energy shell (aura), evening it out.

It is worth mentioning here that the elongated headgear of the Pharaoh was a special concentrator, also focusing on the energetic projections of the hypophysis and hypothalamus. This concentrator, stimulating those two zones, supported and cultivated the potential of the energy cocoon, increasing the immune reactivity of the organism. Use of the Wands of Horus together with the concentrator improved the health of the organism, particularly its immune status, and regulated the metabolic processes.

But there was more to the work than just that. In order to prepare for work within the pyramid and to gain the capacity to foresee the future, you needed energy. Therefore the Pharaoh and the hierophants tried not to squander the energy received, but to store it up and lead an appropriate lifestyle while bringing their abilities up to the necessary level.

The third (mental) energy body, is connected with what people associate with the concept of the "soul" (a person's psychological condition). Harmonisation of this energy body with the aid of the Wands of Horus creates the preconditions necessary for the stabilisation and development of mental capacities.

How the Wands Work

The basic sequence by which the Wands of Horus work is this...

By galvanic and piezo-electric effects (raising the energy level of the crystals in the cylinder filling) stimulating the sixth and seventh energy centres, the Wands of Horus act on the central nervous system. From the central nervous system, an impulse passes to the hypothalamus, and from the hypothalamus to the hypophysis, and next to the endocrine system (the secretory glands), then to the organs.

The reverse reaction flows along two paths: from the endocrine system to the central nervous system; and through the organs to the central nervous system.

Thus, information about the state of the secretory organs and disorders of the internal organs is passed from the endocrine system and the organs to the central nervous system. When it gets this information, the central nervous system directs the signals to the hypothalamus and hypophysis, which in turn activate the functions of self-healing and regeneration—if those functions are in order and not hampered by, among other things, significant "furring" of the relevant energy canals.

The Wands of Horus create and maintain an energy shell that, with the aid of the required vibratory frequency, initiates the process of self-correction.

Continued on page 77

HIGH-ENERGY MAGNETIC MONOPOLE SEQUESTERED BY US GOVERNMENT

by James D. Fauble © 2004

A Veil of Suppression

This world is a dangerous and difficult place to navigate through and still hope to find a safe and happy place. Because I have known of too many others who have already died in this common quest of ours, I can no longer allow myself the luxury of remaining silent on this issue.

I'm fully aware that I am putting my very life in mortal danger by revealing what I do in this message, but I refuse to fade away quietly without at least offering this information to fellow comrades who are active in this quest for new energy solutions.

I believe we must view those who have continued to hinder all true progress and murder our friends, family members and colleagues to be our true enemies! I also believe that it has now come to the point where it is now crucial to our very existence that the tyranny end now before it is allowed to progress to the next level!

Since the most recent murder of one of our most beloved and respected comrades, Dr Eugene Mallove, on 14 May 2004, and also due to my own current situation, I have decided it is due time that I disclose information that I have been forced to keep to myself for nearly 30 years when I first received direct threats to my life and the lives of my loved ones. Being that I love my children and have taken these threats to harm my family very seriously, I hope it will be understood why I have waited so long to speak out on this subject.

It should be quite obvious by now to anyone who has done their homework that there have been and still remain powers which have been put in place solely for the purpose of hindering any real knowledge and/or progress in the areas of new energy technologies, and all for reasons of their personal greed, power and control.

I do not want to have to be the one to

burst people's bubbles, but I believe very strongly that there are those within this new energy movement who are not who they've made themselves out to be; I have seen very good evidence to believe this.

Also, I have met with a number of retired and/or resigned CIA operatives at their requests, who have been aware of and sympathetic to my situation and also have been threatened by their co-workers and by others in charge and behind this shadowy veil of secrecy. Some of these people said to me that they have suffered the loss of several of their own family members who were murdered because of their beliefs that free-energy technologies must be allowed

I was told that if I were ever to mention anything to anyone about anything of what had occurred, I would be made to disappear permanently and they might just do the same to my loved ones for good measure.

to be disclosed to the public and because they refused to be silent on the issue.

You all need to know that the thugs behind these operations would like nothing more than to witness the demise of anyone and everyone actively promoting new energy technologies, although they usually reserve such drastic measures only for those who actually possess genuine technologies which would threaten their power structure.

I would also like to make it clear that there are dozens of people who know of what I have personally gone through and have known me for many, many years. A good percentage of these people can and will vouch for my character and also for the truth of these statements. Some have even been witness to the same sort of US government/military harassment that I have

been subjected to. I would also like to add that I am willing to swear under oath and before Congress as to the truth and accuracy of these claims and statements. However, only God's protection can guarantee that I would be there to do so, if that time should ever come.

High-Energy Magnetic Monopole Materials: The Evidence

I have decided that I, for one, will no longer live under the fear of these people, and so I am now offering to my fellow comrades news of the existence of certain materials that are thought impossible to exist, but which in fact *do* exist. The materials to which I am referring are high-energy magnetic monopole materials with resistive forces of at least 10 to 20 tons per square metre x 1/4-inch thickness.

Please consider closely what I am about to tell you. I have seen the physical and documented proof and also the formulas to prove this. There was no mistake! I had to read through all of the information a half- dozen times before I could believe this myself, but I now know without any shadow of doubt whatsoever that these are the facts.

Thirty years ago, in the late spring of 1979, I delivered this information in person to the Energy Commissioner of the State of Minnesota. The Commissioner at that time held a PhD in physics, was a nuclear engineer and was the head of the Department of Energy in Minnesota, at least until mid-1979.

He did not believe these claims either, at first, until I presented the documentation and formulas which had all been formally published in great detail by Polydorn. He, too, had to read through this information several times just to make sure there was no mistake as to what he was seeing.

Again, there was *no mistake*. Also, there were witnesses present who will testify to the truth and accuracy of these events. Along with these publications was the name and the location of the company that manufactured these materials at that time.

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High-Torque Applications

I had also presented to the Commissioner my design for a new device which would measure approximately the same size as a standard-size can of oil and which, according to our calculations, would deliver a minimum torque ratio of between 1,500 and 2,000 ft lbs.

The Commissioner agreed that, indeed, according to everything he was looking, at and taking in mind the current laws of physics, there was no way that this device could not work.

Top-Secret Materials

After reporting to the Commissioner and showing him the proof of the existence of these materials, the Commissioner promptly called this company on the telephone to place an order for the materials needed to build this device. At first the foreman of the manufacturing plant adamantly denied that such materials existed—except perhaps on the Moon or Mars, as he jokingly put it.

After the Commissioner clarified to the foreman as to whom he was speaking and threatened to file a lawsuit against both him and his company from the State of Minnesota, the foreman immediately apologised and admitted that they did indeed make those materials there and agreed to place the requested order. The foreman, however, wanted to know how the Commissioner had acquired such information, because apparently it was supposed to be classified under the highest top-secret classification. The Commissioner quickly told the foreman my name and where I was employed, which at that time was at the RAND Corporation at a certain Department of Defense headquarters location.

My Life Is Threatened

By that time, I had begun to realise that I had unknowingly stumbled into a very dangerous area. It was later that I learned I had apparently checked out a book in which a temp worker, who had been called to fill in for the usual full-time librarian, had accidentally misplaced this highly sensitive information and, instead of placing it in the proper vault, had filed it in the unrestricted area of the company's research library—where I happened to find it while researching high-energy magnetic materials for my invention.

The very next morning following that meeting with the Energy Commissioner, I was visited by several armed military

police who were waiting for me as I reported for work. As my boss stood directly behind these MPs, direct threats were made to my life and also the lives of my loved ones. I was told that if I were ever to mention anything to anyone about anything of what had occurred, I would be made to disappear permanently and they might just do the same to my loved ones for good measure. Those are the exact words they used.

From that point on, I was never able to contact the Commissioner again, and it appears that he had been replaced by a female counterpart. My phones and my family's and friends' phones were also tapped from that point on and for quite some time thereafter.

Also, the very next day, a very large white unmarked military helicopter began to make regular daily visits to my home at exactly 12.00 noon every day and would hover no more than 50 to 75 feet above my house. Side doors would open and various IF and UV cameras, etc. were wheeled up to openly take pictures and to intimidate myself, my friends and my neighbours. This continued for several months on end. My friends and neighbours were afraid to associate with me in any way from that time on. So, in case you're wondering, yes, there are many witnesses!

Often there would be men stationed on my street with telephoto lenses aimed at my home and family members as we would come and go. I have also had my home broken into on numerous occasions; the only things which were ever taken were my inventions and associated documents.

Since then I have watched as many others announced various inventions which have been claimed to provide free, clean energy, while my life has basically been systematically destroyed.

In fact, just a couple of months after my meeting with the Minnesota State Energy Commission, a good friend handed me the Spring 1980 issue of *Science and Mechanics*

Illustrated, on the front cover of which was pictured Mr Howard Johnson's permanent magnet motor/generator. The design was nearly identical to one of mine. Coincidence? Only God knows for sure.

Let's Develop This Technology

To make a long story short, I have lost my wife and my home (which I had just finished paying the mortgage on), all of my possessions and my health. I now have absolutely no fear whatsoever of dying, and I no longer care much about what the government/military clones want to threaten me with anymore.

So I have chosen to disclose this information, which I believe could help in the development of permanent magnet motor/generator technologies as well as other technologies.

It's now close to 30 years since that original incident, and I'm very sure that improvements have since been made to those materials that were so important to be kept secret that people were considered of lesser value.

I have since attempted to find information about these materials on the Internet, but, as to be expected, the closest thing resembling such materials are referred to as "high-energy Dirac monopoles". Claims that there has been ongoing work into research in this area are



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purely bogus and obviously designed to discourage the curious. Contrary to those claims, these materials have actually been in existence for at least 30 years, despite the denials of the patent offices and manufacturers.

The company that was manufacturing them at the time of my meeting with the Energy Commissioner is Permag Central Corp., located in Illinois. You may have heard of them; they are one of the world's largest manufacturers of high-energy permanent magnets. The name of the foreman was Jim Foy; he has long since left the company for reasons which would be perfectly understandable to me.

Permag Central Corp. will undoubtedly deny that they have ever manufactured these materials and will also deny that they even know of the existence of such materials—but they do know about them, and at least they did make them there in 1979.

Also, I now believe I may have figured out how to produce such materials, or at least how the process might be done. It is not my wish to place anyone in danger by offering this information, and I would not normally give out anything of this sensitive nature, but I believe that it has now become necessary for someone who is still living to disclose this information for the benefit of the many.

These materials are undoubtedly used for military applications, and [the government/military clones] have been more than prepared to murder anyone in order to keep

them a secret. If, however, a private group were to "rediscover" the process of making such materials, I believe this information could then become public knowledge and thereby open up numerous possibilities within the scientific and technological communities.

I would also like to add that I have seen evidence that some of these high-energy monopole materials may possess properties of invisibility. I understand how this might sound, but try looking up "high-energy Dirac monopoles". I've done some Google searches on the Internet and have found some information on Dirac monopole materials that confirms this possibility.

Nevertheless, it is necessary that others know of the existence of these materials because of the many implications for advancements in new energy technologies. Also, there are likely to be other applications associated with these types of materials that could greatly benefit mankind.

It's kind of ironic, after all the Top Secret and Above Top Secret technologies I've seen and the projects I've been involved with, that this would be the thing they would worry about the most. I guess money really means a lot more than anything else to these people.

Anyway, I also believe that this nonsense has gone on far too long and that it is time for all of us to move ahead swiftly before it is too late for all of mankind. My initial intention was to give something to my fellow man and at the same time stick it to "The Man", if you will.

It should be obvious why I've chosen to remain anonymous for so long. I have simply come to the conclusion that if it is necessary that I have to sacrifice the remainder of my life for the betterment of mankind, then it is well worth the price—and, in fact, would even be welcome at this point. At least I will have played a part in some small way, and something of my life might have been salvaged to help someone. So I encourage you to share this information with anyone who will listen.

Dr Eugene Mallove was one of the best and

brightest in his field and he was loved by many. I believe that, at the least, we owe it to Eugene to continue the fight for the full disclosure of these technologies—hard enough as it is to get *any* alternative technologies developed in today's world.

Also, it would be wise to remember that any one of you who is currently active in the pursuit of free energy or new energy technologies and is on the right track could be in danger of being the next target. But our best defence is in our numbers, and this is now the one thing in our favour. There are now far too many of us for them to even hope to be able to deal with by making us disappear.

I will continue to help others as best I can in their projects, as long as I am still able to talk or type on this keyboard. There are many of you out there now who are on the right track, and my prayers are with you all—regardless of how you are received by others within the free energy network. A good number of you are far brighter than I was when I started my research, and so I am confident, if time will still allow, that something will be brought to the market within a couple of years.

I don't know what, if any, results may occur by getting this off my chest, but I believe I must do this at this time for many reasons—some will be obvious, others I do not want to discuss at this point.

God bless you and keep you all.

James D. Fauble

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Editor's Note:

To contact James D. Fauble, email him at JDEnterprizes@mailblocks.com. His story was originally posted at the webpage <http://pesn.com/2004/06/05/HighEnergyMagneticMonopole/>. It was also posted by PR Web on 8 June 2004 at <http://www.emediawire.com/releases/2004/6/prweb131743.php>.

For further information, visit the Pure Energy Systems (PES) website at <http://pureenergysystems.com/>; also, go to the link to the Ion Source Beam Projector open source project on the lower half of the PES main page.



"Where do you switch it on?"

MYSTERIES OF SIBERIA'S "VALLEY OF DEATH"

Eyewitness reports suggest that an ancient high-tech "Installation" in remote Siberia was responsible for sending guided plasma sphere weapons to destroy a meteorite over Tunguska in 1908.

Part 2 of 3

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WHAT LIES BEHIND THE TUNGUSKA EXPLOSION

Four years from now, 30 June 2008, will be the 100th anniversary of one of the most mysterious catastrophes: the explosion of a body from space near the Podkamennaya (or Stony) Tunguska River in Siberia. There can scarcely have been another event in the past century to compare with it. The total power of the explosion exceeded the combined power of the atomic bombs dropped on Hiroshima and Nagasaki more than 2,000 times over! Apart from that, the Tunguska explosion caused:

- an anomalous glow in the sky that was observed as late as 10 days afterwards, and the intense appearance of silvery clouds;
- massive radiation of light and heat;
- disruption of the normal functioning of meteorological instruments and the appearance of surface earth tremors;
- a tremendous sound wave that travelled twice around the globe;
- the felling of trees over an enormous area of over 2,000 square kilometres;
- weak traces of radioactivity, detected in tree samples and the polar ice layers dating from 1908;
- anomalous properties of the soil and minerals in the area of the Tunguska explosion;
- the unusually rapid growth of vegetation at the epicentre of the Tunguska explosion;
- cooling of the Earth's climate in the following few years.

Despite the fact that such a tremendous event did not go unnoticed, the first attempts to discover what had actually occurred in the remote Siberian taiga were only made many years later, in 1927. Since then, dozens of research expeditions have visited the area, hundreds of scientific papers have been written and several hundred hypotheses put forward about the causes of the event. Not one of them, however, has been able to explain fully the complex phenomena that preceded and accompanied the Tunguska explosion. Some of the phenomena observed by eyewitnesses simply do not fit within the framework of existing theories. Much of what happened then cannot be interpreted at all from the standpoint of present-day scientific thinking.

More than that, one gets the persistent impression that we have come up against something completely outside the bounds of our customary understanding of the world about us. Perhaps today we are closer than ever before to a solution to the mystery that will become a turning point in the development of human consciousness. But it will require a certain boldness, the ability to look with an open mind untrammelled by the dogmas current in science in order to properly assess the most inexplicable episodes of the event.

The work carried out by generations of scientists and researchers provided us with a very rich stock of facts and scientific material, making it possible to shed light on the true causes and nature of the phenomena that took place almost 100 years ago in the area of the Podkamennaya Tunguska.

We shall not go over the key elements of each of the main known hypotheses here, but instead concentrate on those facts that have always remained in the shadows and for some strange reason have never been given the attention they deserve. Amazingly, taken together with an ancient epic poem, these facts present a completely different picture of the event that took place early in the last century.

At the very beginning of this study, we should stress that both before and after the Tunguska explosion there were several other events connected with it in a certain way, being links in a single chain. Therefore, using the methods employed in criminal

investigations, we shall combine them in a single "case". In order to see the reality that has for so long escaped the eyes of researchers, we shall have to shift our gaze backwards and forwards in space and time to look at events separated by tens, even hundreds of years.

To this end, we shall turn to the accounts of eyewitnesses, of which even in such a sparsely populated part of Siberia there were thousands. Even in the late 1960s it was possible to find some 3,000 people who remembered that extraordinary event!

Before we turn to the facts, we ought to share what we surmised in the course of our investigation: an hypothesis about the Tunguska explosion that will be unexpected for many, but which was formed during the analysis of a large amount of data. Drawing on the testimony of thousands of witnesses to the Tunguska explosion, the findings of researchers, the text of the Yakut epic *Olonkho*, the reconstructed chronology of events and an analysis of the consequences of the explosions described not only in the epic but also through the efforts of scientific researchers, it is possible to put forward the reasoned suggestion that in the immense, uninhabited territory of northwestern Yakutia there is an ancient underground technical installation.

A very, very long time ago, someone constructed, in what is known as "the Valley of Death", a complex that still today is protecting the Earth from meteorites and asteroids. Of course, such a suggestion is *staggering*. It is hard even to contemplate such a possibility. It follows that for thousands of years, something existed alongside us that exceeds not only our current achievements but even our boldest fantasies about what might be achieved—and we failed to notice! Naturally, none of those who researched the various scientifically inexplicable consequences of the Tunguska catastrophe could have imagined that all the traces left by the explosions were the result of the activities of some ancient cosmic defence complex left by unknown builders!

Local Legends and the Shamans' Warnings

Here is one detail preserved in the ancestral memory of the local population, passed down through the millennia in an ancient epic poem. The legends passed on by word of mouth tell how this land was once suddenly wrapped in impenetrable darkness and the surroundings were shaken by a deafening roar. A hurricane of unseen force arose and the land was shaken by mighty blows.

When everything had calmed down and the darkness had dispersed, an unprecedented sight met their eyes. In the midst of the scorched land, glowing in the sun stood a tall vertical structure that was visible at a distance of many days' journey. For a long period of time, the structure gave out unpleasant, *ear-splitting noises* and gradually diminished in height until it had disappeared under the ground altogether. In place of the tall structure there was an immense, yawning, vertical "orifice".

In the course of our exposition of the facts, we shall present several texts from the *Olonkho* which testify strongly in favour of the stated hypothesis because of the obvious technological nature of the events described in the ancient tales. It is surprising that the people who translated and analysed these texts did not notice or even suspect this.

Let us begin with a detailed reconstruction of events, trying to

form an integral picture of what preceded and accompanied the 1908 catastrophe.

The first to learn of the coming calamity were the shamans of the native tribes. Two months before the explosion, rumours of the approaching "end of the world" began to spread across the taiga. Going from one settlement to another, the shamans warned the people of an imminent cataclysm. The people began to move their herds from the upper reaches of the Podkamennaya Tunguska to the Nizhniaya Tunguska and further, towards the River Lena.

The exodus of the Evenk began immediately after a *suglan* (gathering) of all the nomadic clans who moved around in close proximity, which took place in the month of Teliat (May). A secret conference of the elders had resolved that the cyclical course of their wanderings should be changed and that the clans should move close together along the new course.

Then there was a big ritual occasion at which the "Great Shaman" announced the "End of the World":

The ancestors said that they had to move from their traditional places. No one should be there after the month of Teliat in the month of Muchun [June], thus said the ancestors... The upper people want to visit Dulia... No one should see that.

And so the nomads began to move across the taiga...

Obedying some inner sense and supporting, as it were, the pronouncements of the shamans, the wild animals began to leave. The birds flew from their nesting grounds, the swans left the lakes and the fish disappeared from the rivers. An immense expanse of taiga, measuring several tens of thousands of square kilometres, lost its fauna. Only those who did not believe the shamans' words remained in the danger zone.

All this speaks for itself. Obviously some early warning of the approaching event was given through the shamans who "spoke with the spirits of the ancestors". The animals, birds and fish reacted instinctively to the approaching danger, reacting to the

A very, very long time ago someone constructed, in what is known as "the Valley of Death", a complex that still today is protecting the Earth from meteorites and asteroids.



"Grandpa" Matvei (108), a witness of the 1908 Tunguska explosion, photographed with the author at the Evenk settlement of Siuldiukar in 1997.

negative influence of the Earth's increasing electromagnetic field in that part of the taiga.

After studying the texts of the *Olonkho*, talking with local hunters and those still alive who remember the distant events, we formed the impression that the complex in question is scattered across different parts of the taiga and located mainly underground.

The Installation's Power Plant

Destruction or deflection of meteorites and asteroids is achieved using a force field which is conveyed in concentrated form by some kind of electromagnetic formations that resemble glowing, fiery spheres. In essence, these are something like ball lightning, with the difference being that the largest ball lightning known to science is about two metres in diameter, whereas the spheres used to deflect or destroy meteorites are of gigantic dimensions—some 60 metres in diameter!

It was their flight that was seen in 1908 by thousands of people across much of Siberia, with the result that the witnesses of the Tunguska event attributed the whole thing to the appearance of a series of huge ball lightning!

The "plasma spheres" are apparently generated by a power plant located deep inside the Earth at a site that was quite deliberately chosen by someone. It is associated with a geophysically distinctive area of the planet: the East Siberian magnetic anomaly. The periodical *Tekhnika Molodiozhi* (issue 1, 1984) called it "a magnetic super-anomaly, the source of which lies at a depth of half the Earth's radius". In other words, the power plant of the complex draws on the energy of the planet and is itself to some degree, it would seem, one of the causes of this super-anomaly.

Preparation for countering the approaching Tunguska meteorite (it was indeed a meteorite; Kulik was in a certain sense correct) began two months before the explosion, as is confirmed by the behaviour of the shamans and the fauna of the taiga. Roughly 10 days before the explosion, the "Installation" located in the Valley of Death shifted into an active phase. It was the activation of the power plant, and the increase in its energy level occasioned by the complex beginning its preparations for the generation of energy (electromagnetic spheres) acting upon the environment, that became the cause for the appearance of major atmospheric anomalies associated with increased tension in the Earth's electromagnetic field.

The effect of the Installation was so powerful that in the 10 days before the explosion, in many countries of Europe as well as western Siberia, the darkness of night was replaced by an unusual illumination as if those areas were experiencing the "white nights" phenomenon of high-latitude summers. Everywhere there appeared, shining brightly



Leonid Kulik, the first researcher into the Tunguska explosion. (Source: 1930s photograph from the KMET Library)

in the twilight of dawn and dusk, silvery clouds stretching east to west that formed along the lines of force, like those that occur between the poles of a magnet. There was a sense, as noted by E. Krinov, one of the researchers into the Tunguska explosion, of the approach of some unusual natural phenomenon.

Many years later, researchers from Tomsk came across a forgotten publication by a Professor Weber about a powerful geo-magnetic disturbance observed in a laboratory at Kiel University in Germany for three days before the intrusion of the Tunguska object, and which ended at the very hour when the gigantic bolide exploded above the Central Siberian Plateau.

The Tunguska Meteorite and the "Terminator" Spheres

Ten days passed and then, on the morning of 30 June 1908, a body from outer space entered the Earth's atmosphere at immense speed. It followed a trajectory from southeast to northwest. The determination of the exact trajectory of the meteorite plays an important role in the investigation of the event, primarily because—as we shall see—there were several objects moving in the sky above the Siberian taiga, approaching the explosion site from different sides. It was the discrepancies in the accounts of eyewitnesses—who at one and the same time observed objects above areas of Siberia far remote from one another, moving on different courses but towards a single point—that confused researchers, prompting the hypothesis that it was probably a spaceship that had been manoeuvring above the Siberian taiga.

Thirty-eight minutes before the destruction of the Tunguska meteorite, the Valley of Death complex moved into its culminating phase. The generation of the spheres—which, for the sake of convenience, we shall call "terminators"—began.

At the Stepanovsky mine (close to the town of Yuzhno-Eniseisk) *an earth-quake began 30 minutes before the fall of the meteorite.*

One witness to these events was next to a small lake when the ground started to shake beneath his feet. Something like an earthquake began. Suddenly, down inside him, *an inexplicable, inhuman sense of fear arose.* It was as if some force was driving him away from the lake. At that moment, the water in the lake began to drop down, and as it flowed away, as if into a crack, the bottom appeared which was shifting apart like two leaves. Indentations could be seen on the edges of the two gigantic leaves. The witness was seized by an impulsive animal terror and fled as fast as his legs could carry him.

After running a considerable distance,



Artist's impression of anomalous glows observed after an explosion.

he tripped on a bush and fell; and when he got to his feet and looked back, he saw rising from what had been the lake a column of bright light, at the top of which appeared a ball. All this was accompanied by a terrible roaring and humming. His clothing began to smoulder, the radiation burnt his face and ears...

This episode concurs astonishingly well with the texts of the *Olonkho* epic and the tales old men tell of the place called Tong Duurai, across which the Ottoamokh ("holes in the ground") stream flows, where there are shafts of incredible depth known as "the laughing chasms". From these, the legends say, fiery whirlwinds fly. After a long period of silence, roughly a century before each major explosion or series of explosions there would be a smaller-scale event. The legends say that a thin column of fire emerged from the "iron orifice". At the top of this, a very large fireball appeared. It was escorted in flight by its retinue, "a swarm of fatally bloody whirlwinds" that wrought havoc in the vicinity. Accompanied by four claps of thunder in succession, it soared to an even greater height and flew off, leaving behind a long "trail of smoke and fire". Then a cannonade of its explosions sounded in the distance...

It is remarkable that Yakut legends contain so many references to explosions, fiery whirlwinds and the launch of flaming spheres disgorged by "an orifice belching smoke and fire" with a "banging steel lid", in the depths of which lies a whole subterranean country. It is inhabited by a fiery villain "who sows contagion and hurls a fiery ball"—the giant Uot Usumu Tong Duurai (which can be translated as "the criminal stranger who pierced the earth and hid in the depths, destroying all around with a fiery whirlwind").

Eyewitness Testimony

That is what the legends say, and this is the account of G. K. Kulesh, who was an observer at a weather station in Kirensk, about 460 kilometres from the site of the Tunguska explosion:

On 30 June an unusual phenomenon was observed to the northwest of Kirensk that lasted roughly from 7.15 to 8 am. I did not see it myself, as I sat down to work after recording the reading of the meteorological instruments. This is what occurred (I give the gist of what those who witnessed it said).

*At 7.15 am, a fiery pillar appeared to the northwest, about four sagens [over 8 metres] in diameter in the shape of a spear. **When the pillar disappeared, five strong brief bangs were heard, like cannon shots following quickly and distinctly one after another. Then a dense cloud appeared at that place.** About 15 minutes later, the same sort of bangs were heard again; another 15 minutes later they were repeated. The ferryman, a former soldier and generally an intelligent, worldly-wise man, counted 14 bangs in three groups. His duties meant he was on the riverbank and saw and heard the whole phenomenon from start to finish. [author's emphasis in bold italics]*

Many people saw the pillar of fire, but the bangs were heard by an even greater number. There were peasants in town from the village of Korelinaya that lies 20 versts [21 km] from Kirensk on

the nearest Tunguska. They reported that they had had a powerful earth tremor such that window panes were broken in the houses...the mark on the barograph roll bears this out.

In the archives of the former Irkutsk Magnetic and Meteorological Observatory, investigators managed to find notes written by A. K. Kokorin, who was an observer at a weather station on the River Kezhma, about 600 km from the Tunguska explosion site. In his observation journal for June 1908, the section headed "Notes" contains an exceptionally important entry. It shows that there was certainly more than one body in the air at that time.

At 7 am, two fiery circles [spheres] of gigantic size appeared to the north; 4 minutes after appearing, the circles disappeared; soon after the disappearance of the fiery circles a loud noise was heard, similar to the sound of the wind, that went from north to south; the noise lasted about 5 minutes; then followed sounds and thundering, like shots from enormous guns, that made the windows rattle. Those shots continued for 2 minutes, and after them came a crack like a rifle-shot. These last sounds lasted 2 minutes.

Everything took place in broad daylight.

At that time, T. Naumenko was observing the flight of a sphere from the village of Kezhma which stands on the River Angara. He asserted that the body was larger than the Moon and crossed in front of the Sun, which at that time was at a height of 27° above the horizon. At that same moment, the Tunguska meteorite flew over the village of Mironovo (58° 14' N, 109° 29' E).

The first to see the flight of one of the "terminators" carrying a powerful electromagnetic charge were the inhabitants of the village of Alexandrovka (southern Altai territory), which is almost 1,500 kilometres away from the site of the explosion.

The account left by Ivan Nikanorovich Kudriavtsev, who witnessed the flight of the fiery sphere, contains details pointing to the electromagnetic nature of the "terminator":

...30 June 1908 was a clear day... I was sitting opposite a window looking NW. Our village, Alexandrovka, extended along a gorge... Across from the village on the Semi ridge rose the peak of Mount Gliaden. At 7 in the morning, the Sun had already risen but

not yet appeared from behind Gliaden. And then suddenly a bright sphere appeared in the sky; it rapidly grew in size and brightness. It was flying towards the NW. The flying sphere was the size of the Moon, only brighter; not dazzlingly bright, though: you could watch its flight without looking away. It flew very quickly. The sphere left behind it on its course a white smoky trail wider than the sphere itself. As soon as this sphere appeared, the whole locality was lit up by some unnatural light and that light did not increase evenly, but with some sort of fluctuations, wave-like flashes. There was no noise, no roar accompanying the sphere's flight, but the unnatural fluctuating light inspired some sort of fear, anxiety... [author's emphasis]

Ye. Sarychev, questioned by D. F. Landsberg in Kansk on 11 October 1921, said:

With the start of the noise a sort of glow appeared in the air,

Eyewitness accounts of the Tunguska event indicate that there were several objects in the sky, following different trajectories, moving slowly, sometimes stopping, changing course and speed—in other words, manoeuvring.

round in shape, about half the size of the Moon, with a bluish tinge, flying rapidly in a direction from Filimonovo towards Irkutsk. **The glow left a trail in the form of a pale bluish stripe that extended almost the full length of its course, then gradually vanished from the end. The glow hid itself behind the mountain without breaking up. I was unable to note the duration of the phenomenon, but it was very short. The weather was absolutely clear and it was still.**

At that same time, the flight of a heavenly body was observed in the south of the Krasnoyarsk territory, 60 km north of Minusinsk, 930 km from the site of the explosion, but moving along a different trajectory. Roughly at the same time, an object was seen in the region of the Nizhneilimskoye settlement, 418 km from the explosion site. And then, it has been reliably established, a heavenly body flew over the village of Preobrazhenka, which is on the Nizhniaya (Lower) Tunguska River. And all these objects were flying in the same direction—towards one destination: the Shishkov and Kulik blast areas and Voronov's crater!

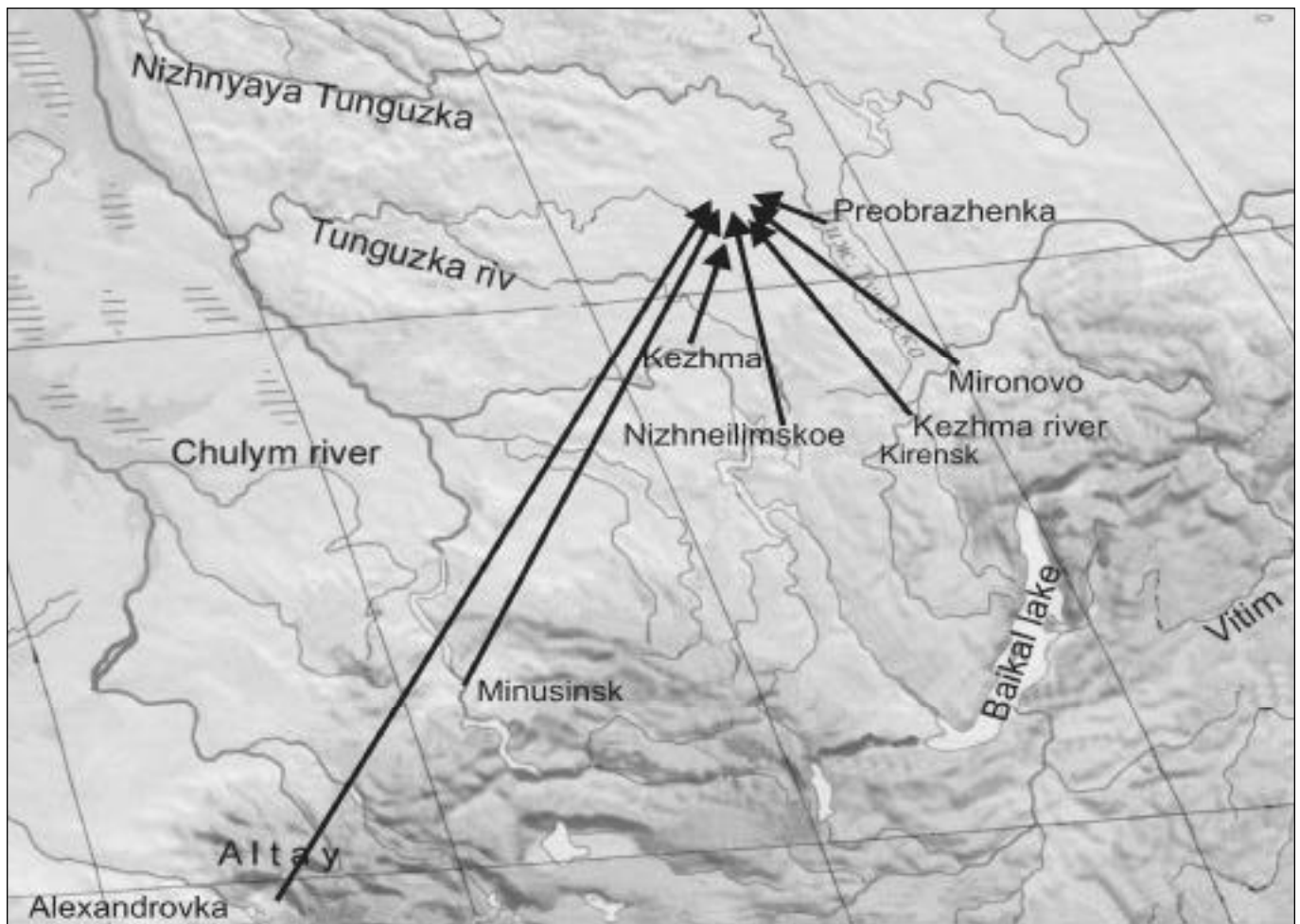
The picture that forms from eyewitness accounts clearly shows

...an observer at a weather station on the River Kezhma, about 600 km from the Tunguska explosion site, (noted) in his observation journal for June 1908...that there was certainly more than one body in the air at that time.

that the objects observed from various parts of the taiga could not have been meteorites. There were many of them and they followed different trajectories, but towards a single point. Amazingly, the scientists and researchers who so carefully questioned numerous witnesses were unable to spot in their accounts any difference between the behaviour of the meteorite and that of the "terminator spheres" that closed in large numbers from different

directions in order to destroy it. It is a well known fact that the flight of a meteorite through the atmosphere is always very short (a matter of seconds) and very fast (between 6 and 22 km per second), at an angle to the Earth's surface along a straight trajectory, leaving a trail of fire and smoke that extends for 200 to 300 km and takes some tens of minutes to disperse.

The reports of researchers and explanations of scientists speak of a single Tunguska object. Yet the eyewitness accounts of the event itself and the evidence gathered by researchers stubbornly indicate that *there were several objects in the sky, following different trajectories from different directions*, but most significantly moving slowly, parallel to the Earth's surface, sometimes



Map of the region showing the flight paths of the different objects.

stopping, changing course and speed—in other words, manoeuvring—which entirely excludes the suggestion that the objects seen were comets or meteorites. Meteorites and comets do not fly like that!

Thousands of observers could not have mistaken what they saw, as the sky was cloudless that morning. People living within a radius of over 800 km from the place where the cosmic intruder fell observed the unusual flight of enormous fiery bodies giving off sparks and leaving rainbow trails behind them. The most important point, though, is that *they did not all see one and the same object, but different "terminator spheres" that varied in appearance and behaviour.*

After the "terminators" were created and disgorged through the Installation's shafts, they began moving to some control point—the place of their last reconnaissance before the destruction of the meteorite. At a certain stage in their flight, the spheres stopped to adjust their position in respect to the falling meteorite and then, tearing off at enormous speed and with a terrible roaring, rushed to meet it.

Below is an extract from the account of a witness who lived in the village of Moga on the Nizhniaya Tunguska, 300 km east of the site of the explosion. It was quoted in Yuri Sbitnev's book *Echo* and speaks for itself.

...I remember that time well—I was eleven then. I got up quite early... It was clear and cloudless... Our house was here, where it still stands, on a hill. I was hammering the scythe.

There I was hitting the scythe, but the sound seemed to come from elsewhere. I froze and as I listened, a real din started. The sky was clear as can be, not a cloud in sight. There were no planes or helicopters back then, of course. It was only later we became familiar with them. But there was this din. It wasn't like a thunderstorm. And it kept building up, rumbling louder...

*Suddenly a second sun rolled into the sky. "Ours", that's to say, was beating down on the back of my head, and this one was in my eyes. **I couldn't look; everything went black.** I shot into the house and that new sun shone in through this window here and moved across the stove like this...*

The house stood, like the majority of Russian houses on the northern rivers, with its windows looking east and south. One little window faced northwest and this "sun" was shining through it, colouring the white wall of the big Russian stove crimson. This glow moved from right to left, towards the east. And there was ordinary sunlight coming through the other windows and onto the other wall of the stove.

*I looked at the sun blazing down on the stove through that window and my jaw dropped. **I had never seen anything like it. And the noise kept on rumbling.** There was no relief. My grandfather sat on the stove and began chanting a prayer out loud. He chanted and told me, "Stiopa, let's pray! All of you pray! It's happened... It's come..." [The shamans had warned people about the end of the world.]*

*What praying? I wanted to run somewhere and there was nowhere. The noise was all around. **And a fiery ball was coming***

*at us. It kept creeping across the stove... **And then it stopped...***

The fiery sphere that appeared in a clear, cloudless sky approached the earth with a growing rumble. It grew as you watched, blazed and became so full of powerful fiery light that it was impossible to look at it. At some elusive instant, the terrible rumbling turned into an incessant roar and the sphere stopped moving, hanging above the ground, like the Sun hangs above the horizon just before sunset. It is hard to establish the length of time it stopped, but the fiery sphere stayed motionless long enough for its immobility to impress itself upon an astounded human mind.

I was afraid to look out of the window, but on the stove I could see that it had stopped. Then suddenly it gave such a burst of speed, flashed across the stove and was gone. The thundering noise was awful. The earth shook. I was knocked to the floor and the glass from the little window was scattered about as if someone had pushed it in...

I wasn't down on the floor for long. I jumped up, thinking, "Where's Grandpa? Don't say he's been knocked off!" He was lying on his stomach on the very edge of the stove and kept asking me, "Stiopa, what is it? Stiopa, what is it?" He was wet and white, white... I think the ground was still shaking, the floor shifted under my feet, or perhaps my legs were trembling. It was dreadful!

...Nobody could understand where it had got to, that sun. It had been shining just a moment before. And so strong that the shadows disappeared instantly. And the light, clashing with light, stripped the world of its familiar, pleasant shapes. Everything, from the smallest blade of grass to the cedar tree, suddenly seemed different from how it had always been. Colours vanished; so did the usual three-dimensionality of the world, warmth, tenderness. Our world had gone...

Judging by the details of this account, the narrator was very close to a place where a "terminator sphere" had been generated; in other words, in the immediate proximity of one of the pillars of energy (fiery whirlwinds) delivering the "terminator" to the surface.

The account recorded by Sbitnev includes this important element:

Someone saw a fiery pillar as well going down from that fire-ball, and for an instant there appeared a sort of huge tree with a round, fiery crown. Someone noticed that this raging bundle of light spat out, as it were, one more ball that tore earthwards. Others, though, insisted there had been no second ball, but that blaze, that sun, itself hurled itself down slantwise.

Many saw it and there were many different versions. But everyone was agreed that the movement of that mysterious fiery body stopped and it hung motionless for a time above the ground. And there was a roaring... And then there was something like an explosion—the ground shaking and a rapid movement away, taking off, and the same rumbling, but now dying down, and the fading of the raging fire—less and less, until you could barely make it out in the vast white expanse of sky. Then it was gone and the thunder dropped, lessened and disappeared altogether... It was there—and flew away... [author's emphasis in bold italics]

Analysing the consequences of the explosions that have taken place above the Siberian taiga in the past 100 years, you get a sense of gratitude and awe towards the intellectual power of those who, thousands of years ago, built a complex to defend our beautiful blue planet and all her inhabitants.



The Olonkho Epic

*Scattering a blizzard of stone,
Causing lightning to flash,
Causing a four-fold thunder to crash
Behind him,
Niurgun Bootur flew unswerving...*

A careful study of the *Olonkho* prompts an important conclusion. Some elements of the epos describe a pattern that precisely reflects the phases in the development of events that periodically occur above the Siberian tundra. It becomes clear why the *Olonkho* texts contain such amazing echoes of the eyewitness accounts. Here are some more lines from the *Olonkho*:

*At a distance of three days' journey
You can see the smoke rising,
Spreading out above like a mushroom.
The land around grew covered
With dust and ash.
The smoke swirled,
Thick and black,
Rose to the sky in a dark cloud,
Obscuring the sunlight.*

At different times this scenario has been witnessed by thousands of people. Among the more interesting accounts of this nature is a report by the Dutch Ambassador, Baron de Bij, which I. V. Bogatyrev found in the State Naval Archive of the USSR:

On 2 (13) April 1716, on the second day after the Easter festival, around 9 in the evening there appeared in a pure, cloudless sky a most brilliant meteor, the gradual development of which is attached hereto.

In the northeastern part of the sky there rose first from the horizon a very dense cloud, pointed towards the top and broad at the base. It rose so quickly that in no more than three minutes it reached half the height to the zenith.

At the very moment when the dark cloud appeared, in the north-west there appeared a huge shining comet that rose to 12° above the horizon, and then from the north another dark cloud arose, from the west, rapidly rising to the cloud that approached it some-what slower. Between these two clouds in the northeast a bright light formed in the shape of a column, that for several minutes did not change its position, while the cloud that appeared from the west moved to meet it with exceptional speed and collided with the other cloud with such terrible force that [there was] a broad flame in the sky from their collision and [this] was accompanied by smoke, while the glow extended from the northeast right to the west. The real smoke ascended to 20° above the horizon, while the rays of flame intersected it constantly in all directions, just as if there was a battle taking place between many navies and armies.

This prodigy continued for a full quarter of an hour in its most dazzling form and then began to dim little by little and finished with the appearance of a host of bright arrows that reached to 80° above the horizon. The cloud that had appeared in the east dispersed. After it, the other vanished completely, so that by 10 in the evening the sky had again become clear and shone with glistening stars.

One cannot imagine how terrifying this phenomenon was at the moment when the two clouds collided, when they both shattered, as it were, from the mighty blow, and when they were also accompanied with exceptional speed by a host of small clouds headed westwards. The flame that flew from them was like claps of thunder, exceptionally bright and dazzling.

High-Tech Genius behind the Installation

Analysing the consequences of the explosions that have taken place above the Siberian taiga in the past 100 years, you get a heart-wrenching sense of gratitude and awe towards the intellectual power of those who, thousands of years ago, built a complex to defend our beautiful blue planet and all her inhabitants. Even the first blow, struck when a meteorite is still many kilometres above the Earth, causes enough of a deflection in its flight path to shift all that subsequently occurs, and all the consequences of the explosions that destroy the meteorite take place away from densely populated places to a less dangerous area!

Continued next issue ...

About the Author:

Valery Mikhailovich Uvarov is the head of the Department of UFO Research, Palaeosciences and Palaeotechnology of the National Security Academy of Russia, and has devoted more than 14 years to ufology as well as to the study of the legacy of ancient civilisations. He is the author of numerous papers on palaeotechnology and palaeoscience, as well as ufology and esoterica published in the Russian and foreign press. He has initiated and participated in a number of expeditions to India and Egypt in search of material evidence of ancient knowledge. He is a regular speaker at international ufological conferences, and gives lectures and seminars in Russia, the UK, USA, Germany and Scandinavia. He was also a speaker at the 2004 NEXUS Conference in Amsterdam and the 2004 NEXUS Conference in Brisbane.

Editor's Note:

See NEXUS 11/01 for the first part of Valery Uvarov's article. The accompanying bibliography will be published in a subsequent issue.



DISCLOSURE AUSTRALIA The Journey So Far

by Debbie Payne © 2004

During the course of this article I am going to try to give you a glimpse through a very small window into the Australian Government's files on UFOs. What has to be understood is that the information beyond this window is so extensive that it would be impossible for me to present even a fraction of what has been discovered, let alone explain it to you.

The hardest part in writing this paper was deciding on *which* files to discuss, so I tended to focus more on the ones that stood out for various reasons. What I would like to suggest is that you log on to the National Archives of Australia (NAA) website (<http://www.naa.gov.au>) and view these files, just as AURA—the Australian UFO Research Association—has done.

The Australian Disclosure

The *Collins Dictionary* defines "disclosure" as "a revelation" and "to disclose" as "to make known, to allow to be seen". Over the last four or five years Australian UFO researchers, like their counterparts overseas, have been discussing and debating the concept of "disclosure". Many of you no doubt will be familiar with the US Disclosure Project headed up by Dr Steven Greer and the enormous amount of work his team has done in this direction.

But the substance of this article isn't to weigh up the absolute arguments for and against the existence of UFOs; it's to present enough viable evidence in the form of raw data to challenge the belief systems of those who are uninformed or sceptical. It's not about the analysis of what we have found so far because once we have collated enough data from the files we've had released, then the analysis will be the focus of our future efforts. We estimate this whole process could take a couple of years. But by following this methodical procedure, I think that it will strengthen the resolve of established and committed researchers that their work is both viable and important to the understanding of the overall phenomenon. Everyone in some way contributes a piece to the jigsaw puzzle and the picture is becoming clearer.

What we have done during the first stages of the Australian Disclosure Project is to find out exactly how many records exist in the Australian Government sector about UFOs and to what extent the government pursued, and indeed still pursues, this issue.

These pages can now be viewed publicly by anyone and mulled over, dissected, followed up, researched and individual conclusions reached. We are showing you what's there. It's up to you to decide what to do with the information. However, whatever your conclusions, these records certainly give you a starting point for all kinds of research into this subject.

Our search began about a year ago with our own local knowledge and the on-line records of the National Archives of Australia. Currently the on-line record search will only give access to around 10% of what is registered with the Archives, but at least it was a place for us to start. At one stage we punched in "Reports on Flying Saucers"; to our surprise, this search term, unlike searches we did on the term "UFO", produced around 20 files. In these 20 files there were around 5,000 pages of information, but we had no idea about what they contained or to what extent the government had documented them. I can only tell you we were more than encouraged after viewing the first few documents. Imagine what it will be like when the remaining 90 per cent can be accessed.

Who kept UFO files?

You will see from the list below that there were numerous resource channels open to us, including:

- RAAF (Royal Australian Air Force);
- CSIRO (Commonwealth Scientific & Industrial Research Organisation);
- Department of External Affairs, including Department of Territories;
- RAN (Royal Australian Navy);
- Department of Supply (a federal department, now defunct), at Woomera;
- DSTO (Defence Science and Technology Organisation) at Edinburgh Air Force Base, which was formerly the

Long Range Weapons Research Establishment (WRE);

- Bureau of Meteorology;
- Department of Civil Aviation;
- "The Committee".

More recently, under the Freedom of Information (FOI) Act we obtained over 600 pages of information, but this figure is due to increase very shortly by a further 2,300 pages because the RAAF has kindly granted us access to another 38 files—enigmatic files, to say the least. These 38 files were suspiciously unavailable the first time we asked; then we were told they had been destroyed. On our last request, these files were located and made available because this time we went through a different channel. So sometimes it all depends on whom you speak to.

Currently all these files from the departments previously mentioned total some 12,000-odd pages and have cost AURA over A\$1,800 to date to obtain.

Unfortunately I can only present a few reports in any detail due to our limited space, so at least you will get to know something about the content of these files and the extent of their information. I have tried to be as diverse in subject matter as I can with my chosen examples, just to demonstrate the intriguing number of very different cases recorded in these files. Some may be familiar to you as famous Australian cases, and others you won't have heard of. I want you to see that the Australian Government *did* keep detailed files on our most famous cases (see table 1).

Rather than have other researchers laboriously go through every one of the thousands of pages at the Archives looking for something in particular, we wrote brief notes on the content of every page in every file. By doing this, anyone can go to these file summaries and scan through them to find what they're looking for, like an index—keeping in mind, of course, that the NAA files were obtained under the 30-year rule, which makes 1973 the most current record we are able to access at this present time.

But I tell you that when 1st January clicked over this year, another 14 files appeared on our standard search. However, files released under the FOI Act can be a lot more recent, so don't think we are only limited to files prior to 1974; we're not.

We have also conducted register searches at our local National Archives Office in Adelaide, something we will endeavour to

carry out at various other Archives offices around the country.

All the files you see as digital copies online can be viewed on your personal computers in the luxury of your own homes. These records are currently held at the head office of the National Archives in Canberra.

And contrary to conjecture from some who are very quick to imply we won't find anything new in our recently released government files, we have uncovered hundreds of pages of documents that have never seen the light of day, so statements of that nature are completely without substance.

What do we know now that we didn't know a year ago? In a word, plenty! We know that Australia—especially the RAAF and the Long Range Weapons Research Establishment at Woomera—was deeply involved with other governments and various intelligence organisations, including NASA, in joint space programs and the sharing of information relating to anything space based. So my first file has something to do with international co-operation and interest in this subject.

What was Project Moondust?

In 1953 the USAF 4602nd Air Intelligence Service Squadron was created. Its purpose was to recover downed enemy aircraft during the Korean War. In 1957 it was expanded to recover objects and debris from space vehicles that had survived re-entry from space to Earth, and in 1961, according to a United States Air Force memo, it included UFOs.

While researching the topic of Project

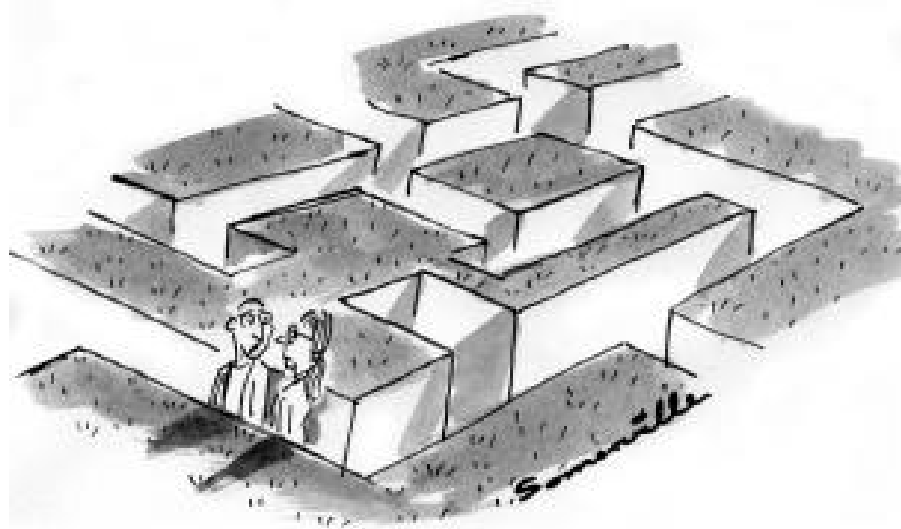
Moondust on the Internet, I came across a 42-page file released under the USA Freedom of Information Act which clearly demonstrates a link between UFOs, the United Nations and Project *Moondust*.

On the first page of these documents, the subject header simply reads "Project Moondust", and dates from November 1973. It concerns the recovery of what may have been Soviet satellite debris. However, also included in this 42-page package are documents on a 1978 discussion concerning the potential of having the United Nations undertake UFO investigations, report on UFO sightings and retrieve crashed objects from different countries. It also mentions the recovery of a spherical object (said to have landed smoothly) in Buenos Aires in 1984.

So *Moondust* was very much a global project. But a singular statement made by the Prime Minister of Grenada and recounted by the American delegate to the United Nations leaps out at you on page 9 and reads as follows:

...the recent report of the abduction of a Cessna aircraft in Australia seemed to him to be a compelling reason for the United Nations to "come alive to its responsibilities and take a serious look at the UFO phenomenon, to which Planet Earth has been conspicuously exposed since 1947".

Two words immediately caught my attention in this phrase: the word "abduction", which was used to describe the disappearance on 21 October 1978 of Frederick Valentich—not crashed, lost or missing at



"I don't know who's responsible for this crop circle, but I bet they have a degree in Behavioural Psychology."

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sea, but abducted; and, of course, the reference to 1947, which we all come across during the course of our research. It seems to be a definitive time in ufology. We have pre-1947 and post-1947 as a way to categorise the modern era of sightings.

The next page of the file states that 133 countries had already provided reports regarding UFOs for the express purpose of setting up a UN-sponsored committee to study the phenomenon. Jacques Vallee, Stanton Friedman and J. Allen Hynek were also present at this meeting.

However, the official reason for Project *Moondust* was to retrieve downed space vehicles, and what we wanted to know was whether or not Australia participated in this project. I am certain the answer is, "Yes, we did".

Crash retrieval team

The Department of Supply file no. SA 5644/2/1 contains a 1962 memo from the Controller of WRE to the Superintendent at Woomera. In it, he states that "the United States Embassy" sought WRE's assistance to obtain information about sightings or downed fragments of space vehicles.

This location and recovery of fragments was exactly the role of the US Air Force's Project *Moondust*, and the request to Australia was made a year after the project commenced in full force to include UFOs. In our reading of the Supply file, there is never actually a mention of the words

"Project *Moondust*". However, as it was a classified US project, perhaps this is not surprising. Under this banner the Australian Government located and retrieved several items of interest, which we have listed on our website.

It also means that the military had in place a "quick response unit". In his 1996 document, "UFOs *Sub Rosa* Down Under – The Australian Military & Government Role in the UFO Controversy", Bill Chalker writes:

It appears JIO [Joint Intelligence Organisation] have a "rapid intervention" capability, as they have been able to instigate prompt widespread ground searches in suspected "hardware" crashes. They do this through "special access" channels. This operation may be similar to the US activity operating under the code name Project "Moondust".

So I think it's fair to say that Australia did participate in Project *Moondust*, and did have and still has a "rapid intervention" team connected to the Department of Defence.

The reason I am so confident that the rapid intervention team exists is partly due to a number of conversations a member of our AURA team had with a Woomera resident who is retired from the military. He claims to have been a member of this retrieval team, and at the moment we are trying to corroborate his story.

From the many retrievals listed, I find one in particular rather interesting. This one was near Inkerman in Queensland in March 1968 and was given to the US Embassy in Australia immediately and without analysis [RAAF file J63/25 5/40/AIR PART 1]. It makes you wonder what was in those diplomatic pouches!

Is Woomera Area 52?

The next find I'd like to discuss is based on a couple of files from the Department of Supply at Woomera on sightings that occurred between 1952 and 1954. There were literally hundreds of sightings over the years at this highly restricted space facility. In fact, the base servicemen even had their own UFO club, called STARS (Scientific Technical Astronomical Research Society), which they were permitted to set up but with very stringent conditions including being prohibited from publishing any of their UFO reports.

In order for you to understand the significance of the Woomera space facility, its participation in projects on a global scale and the dates I have chosen, here are a few facts and figures.

- **1947** – Long Range Weapons Establishment formed between the UK and Australia
- **1949** – First missile launched from Woomera Rocket Range;
- **1957** – First *Skylark* rocket launched;
- **1958** – First *Black Night* rocket launched;
- **1959** – The first deep-space tracking station to be established outside the United States is established by NASA at Woomera;
- **1962** – Countries from Europe together with Australia formed the European Launcher Development Organisation (ELDO), a collaboration which launched the *Europa* series of rockets;
- **1964** – First *Europa* rocket launched (a modified *Blue Streak* rocket);
- **1966** – First *Europa* rocket with dummy stages launched;
- **1967** – Australia's very own satellite, WRESAT (Weapons Research Establishment Satellite) launched, making Australia only the fourth country in the world to launch its own satellite from its own territory.

The list of launches and research and development programs goes on, but we'll leave this for now.



"Our next big mission for 2008 is to send a fully equipped probe Washington to search for signs of intelligent life."

The Department of Defence lists Woomera's *possible* activities as follows:

- Air-to-air combat training;
- Bombing camps;
- Remote area operations;
- Airborne and ground testing of long-range weapons systems;
- Rocket testing (including Scramjet technology);
- Space vehicle launch and recovery, including reusable rockets;
- Parachute drops;
- Hot and dry equipment trials;
- Because electromagnetic interference is extremely low, the area permits EMI/EMC testing (electromagnetic interference and compatibility between guidance systems and aircraft electronic equipment, both on the ground and in the air).

Today, Woomera still operates a deep-space tracking station. It has what they call "ears in space", listening to noises from space, and it monitors equipment on satellites in orbit. Woomera has R&D connections with NASA, the European Space Agency, Kistler Aerospace, BAE (British Aerospace) Systems, the Japanese *Cangaroo* Project and other not-so-public projects—like research into nanotechnology and breaking the Mach 7 barrier (two years before the Americans, who announced they had done so in March 2004) with its work on Scramjet technology. Incidentally, Woomera does have an area designated as Area 52a Evetts Field. It was one of the sites proposed for the National Radioactive Waste Repository and probably still is.

The Woomera Prohibited Area, as it is now known, is the size of England and covers 127,000 square kilometres. You can hide a lot of activity in a remote desert compound the size of a small country. But in the early 1950s, Woomera was *a lot bigger*. It covered 270,000 square kilometres. It was also the subject of some very interesting events.

Military officers witness UFO

On the night of Saturday 27 October 1952, at approximately 8.00 pm, five persons witnessed a cigar-shaped object fly on a straight and horizontal trajectory, 40 to 45 degrees above the horizon from the witnesses' right-hand side to their left. Four of the witnesses were at the Woomera open-air

theatre and were seated together: Warrant Officer H., Warrant Officer W., J. A. (chief baker at the Department of Supply) and Sergeant P.

In his report, Sergeant P. makes several observations, and considering he was an officer at Woomera he would have observed test flights and been familiar with rockets and jets. He saw that the cigar-shaped object had two portholes and interior lighting. (Now why would an unmanned rocket need portholes and interior lighting?) It travelled faster than any jet aircraft he'd ever seen. And in his statement he says he was not prepared to say whether this thing was an *Earthly* object. W. states it was not a falling star, and was faster than any air-

Woomera Prohibited Area is now the size of England and covers 127,000 square kilometres. In the early 1950s, Woomera covered 270,000 square kilometres.

craft he'd ever seen. H. comments that he heard no noise, and that it was definitely something other than anything from the heavens, meaning a comet or shooting star. The other witness was the wife of a serviceman and gives the same description from another location in Woomera township.

The interesting part is where the Chief Security Officer forwards all the reports from the investigator to the State Security Office in Adelaide under the title "Flying Saucer Observed Over Woomera". In a brief covering letter he states that the witnesses are all reliable and sober and that a cigar-shaped object, "whether man made or not", was observed. A copy is then on-forwarded to the Deputy Chief Security Officer in Melbourne. A paper trail has begun.

It then transpires that the *Advertiser* newspaper also published reports of the same object, sighted by different witnesses in other parts of the state. (Any news clippings regarding flying saucers were cut out and retained by the various defence forces. We found a lot of them.)

And so a file is now born—RSO 52/618—and becomes part of a greater file.

Snow clouds don't do 90° turns

This next report from Woomera is from a radar officer who was on duty at the time of this event. I have the original Defence Department tracking map to back up these statements:

At 1.45 pm while searching for a Mustang on G1, a target was locked onto in the Shell Lagoon Area. On looking through the telescope on the radar dish, no target could be seen. The signal-to-noise ratio was at least 5 to 1, which is similar to that obtained from a large aircraft. Between 1.45 and 2.00 pm the target came to within a mile distant, and still could not be seen. At 2.05 pm I decided to plot the course of the target. At times during the movement of the target, SMALLER targets seemed to detach themselves from the main target and drift away.

There are numerous contradictions surrounding this event. The official explanation, by the way, turned out to be a snow cloud. However, the officials shot themselves in the foot on that one. The report is titled "Flying Saucer Phenomenon over Range G1"—not an anomalous snow cloud! The file summary on the weather conditions is as follows, and I did check these conditions independently:

Fine, high cloud @ 25,000 feet, warm temperature, 84 degrees Fahrenheit [27 degrees C]. Strong, northerly wind (25–30 mph), which blew from the inland desert.

And this is where it gets strange (my emphasis in bold):

*In view of the foregoing weather report and the absence of any visual sighting, the signals **probably** came from a cloud.*

In a report put together two weeks later, after other radar operators were questioned, the object is referred to as the "invisible phenomenon"—and because no object was visible, there was nothing of security interest. (So if you can see it, it can't be all bad.) But in the very same report, one paragraph above this one, it reads (my emphasis in bold):

...the fact that small portions were breaking away tends to show that whatever it was on radar was

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registering the target very efficiently on something **other than** ordinary snow.

So there goes the snow theory. Doesn't make sense, does it?

In the second paragraph on the same piece of paper it reads:

...the phenomenon was locked to his radar beam for a period of at least 24 minutes which in NO WAY can be compared with Flying Saucer phenomenon of previous reports.

So I take it from that comment that they knew pretty much how a flying saucer behaved!

UFO filmed during rocket launch

My next slide shows some correspondence regarding the sighting of a UFO filmed during a *Skylark* rocket test back in April 1967. We are yet to locate that film. Some of the transcript reads as follows:

I spoke to you some weeks ago about a report of UFO sightings during a Skylark launch...have you had the films examined?

The superintendent was most upset that the report he requested had not found its way to his desk. (We encountered many significant handwritten notes on the files we examined.)

From 400 mph to Mach 5 – 3,600 mph – in just 10 seconds!

In May 1954, a dark grey circular disc was observed by a Woomera radar operator through binoculars, pacing a *Canberra* bomber directly above it. The cruising

speed of a *Canberra* bomber was around 400 mph. The disc flew up to the *Canberra*, paused over the top of it, remained stationary (seemingly) above the bomber, then flew away at great speed. Radar operators who took the bearing on the target timed it between two points and realised that this object was doing *in excess of 3,600 miles per hour*, or Mach 5, and yet it appeared to be stationary seconds beforehand. The radar operator who witnessed the event is quoted as saying:

...during this time I found it very hard to believe what I was seeing, so I shut my eyes and looked again, and it was still stationary over the Canberra.

What makes this guy so believable is that he worked for Vickers-Armstrong. They made aircraft. He knew what he was looking at.

Mach 1 was officially reached in October 1947 (there's that date again) by Chuck Yeager (*The Right Stuff*) in a Bell X-1 aircraft. Mach 2 was reached in December 1953, and Mach 3 in September 1956. It took a further five years to achieve Mach 4 in March 1961, and shortly after that Mach 5 (3,603 mph) was achieved on 23 June 1961—seven years after *something else* did it at Woomera. Mach 6 was reached on 9 November 1961. It then took us 43 years, officially, to get from Mach 6 to Mach 7 in March 2004, although according to my sources Woomera achieved Mach 7 two years ago.

But what's most interesting about this case (and you really need to get your head around this) is that the object went from about 400 mph to 3,600 mph in just 10 seconds! In 1954!

Hot Spots, Sightings at Milne Bay, Papua New Guinea

One of the most intriguing things I found throughout my Disclosure journey refers to a series of reports coming out of Papua New Guinea, in particular the Milne Bay area. Considering the number of files I've scanned, this area

was by far the most active that I'd come across, next to Woomera.

Milne Bay is on the easternmost tip of Papua New Guinea, bordered by the Solomon Sea above and the Coral Sea below. The surrounding islands and seas were rife with reports of all kinds of weird and wonderful sightings. I believe there may well be an underwater base in this area, because of the number of sightings over such a great period of time and also because the survey map indicates that the ocean is very deep in this area. The seabeds around these islands are littered with underwater caverns.

What was seen but wasn't on the radar at Santa Cruz?

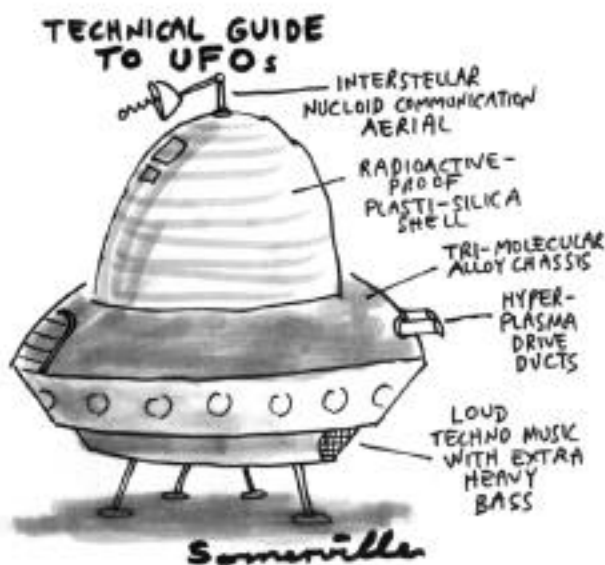
The area of the Santa Cruz Islands, bordering the Coral Sea near Vanuatu, is the subject of my next report. HMAS *Anzac* reported that at 5.45 pm on Thursday 5 May 1966, when in position near the Santa Cruz Islands, four unidentified flying objects were sighted at about 20 degrees above the horizon by the navigating officer and by several other officers who were not on the bridge at the time.

These objects were quite distinct and appeared closely grouped, the leading object glowing red and the three trailing objects green in colour and forming an equilateral triangle with its apex towards the leading object. They left trails of colour in their wakes but these did not last. The trails were approximately six times the length of the objects. After the objects had disappeared behind cloud ahead of the ship, they reappeared one more time before disappearing once again into cloud cover. The approximate time in sight was not more than 25 seconds, and the objects were travelling at a very high speed.

No radar contacts were detected at the time—although there is a handwritten notation on this report to re-check all radar imaging for that day. There are two forwarding reports and there's another note clearly stating that this report should "not find its way to the Australian UFO file". It is signed by the Director of Naval Intelligence.

U2 spyplane over Tasmania!

Over the years, there have been a number of occasions when UFO researchers have run into UFO sightings generated by observations of "secret" aircraft—flying triangles being a perfect example.



Are they or aren't they ours? To the best of our knowledge, no Australian researcher or group has suggested that "secret aircraft" have been the cause of any Australian UFO reports.

It was therefore with surprise that we came across the following report when reviewing an RAAF UFO file.

A Department of Agriculture inspector reported a UFO sighting to the RAAF in May 1961. Following is a reconstruction of the incident, based on the information located in a digital copy of file series A703:

At 8.35 am on 25 May 1961, children were playing in the backyard of a house in Devonport, Tasmania. The children saw something in the sky which caused them to get a "Mr Y." out of the house. This male witness reported seeing one definite object in the sky. It was "silvery but not reflective" and was "shaped like a thermometer or a pencil without a point". No detailed structure was noted, and there was no sound associated with the sighting. The object's speed was stated as "slow". It was seen to the north-northwest of Devonport, travelling in a straight line.

Question 26 on the RAAF Report Form, which was filled in by the RAAF interviewer, asks for the "Location of any air traffic in the vicinity at the time of sighting". Typed here are the words, "U2 aircraft over Great Lake at approximately 8.15 am travelling in a northerly direction, leaving a distinct vapour trail".

What were we doing with a U2 spyplane flying over Tasmania in 1961?

The research journey

During the course of our research, AURA has looked at hundreds of report forms, sketches, photographs and records on so many different types of UFOs it's staggering. And we haven't even finished 10 per cent of what could be released.

I have only recounted a few sightings from the hundreds if not thousands of sightings on record. It would be almost impossible to present them all to you, so that's why we are putting all this information on CDs. Under Crown copyright, I can only show 10 per cent of any given file with names and details on them "for research purposes", so that's why we want anyone with an interest in this subject to obtain a copy of the CDs to see for themselves what a goldmine of information is now on record.

Some of the most interesting reports are from air bases in all States, particularly Pearce in Western Australia, Woomera in South Australia, and Williams at Laverton in Victoria. There are reports from TAA and QANTAS pilots. There are hundreds of individual sighting reports, fully documented, from every part of Australia, including from personnel on oil platforms, cargo ships and naval vessels as well as from police officers and the general public. The list is huge.

I guess we will still plod through the enormous amount of information at the NAA, because in order for you to look at the files on their web page you have to request each file to be examined and made available.

There are hundreds of individual sighting reports, fully documented, from every part of Australia, including from pilots, personnel on oil platforms, cargo ships and naval vessels as well as from police officers and the general public.

We have a master list of around 110 possibly relevant files. The RAAF has files on UFOs from 1984 to 1994, so we need to take a look at these.

The aim is in two or three years' time to use our solid material to become politically active in seeking other information from the Australian Government and then to lobby the government to declare openly what their knowledge is on the topic of UFOs.

The mysterious "Committee"

In all the files I reviewed, there were only two references that I came across to "the Committee". Both were from very-high-ranking military personnel.

I believe the Committee was attached originally to the Joint Intelligence Organisation and had firm ties to the Chiefs of Naval and Air Force Intelligence.

It was set up to review certain interesting cases that were found to be either inconclusive or inexplicable in terms of "Earthly Origin". Following is an extract from a letter from the Director of Naval Intelligence:

2. *It is advised that the reports have*

been passed to the Committee which has been set up to consider such reports. The Committee desires to express its thanks for such a well-authenticated sighting.

This Committee actually seems rather pleased to get such a well-documented and authenticated report, obviously because this is what they were there for. The report in question is on the Nowra Incident.

So what does the Government really know about UFOs?

Not as much as they could, because they seem to do very little analysis on the reports they gather, but I'm only surmising this. I'm quite sure that if they had a piece of alien bumper bar, they wouldn't have documented it in the Archives for us to look at.

I think they know everything they need to know for now, and you can bet they have files that will never see the light of day. But one thing's for sure: they would have someone, somewhere, who knows a damned sight more than we do. ∞

About the Author:

Debbie Payne, based in Adelaide, South Australia, has worked as a technical adviser in the construction industry for the last 20 years. Until she had her first UFO sighting at close range about 10 years ago, she was a sceptic.

From 1994 to 2002, Debbie was involved with Colin Norris's Australian International UFO and Flying Saucer Research Organisation, which has been meeting since 1952. Since March 2002 she's been participating in Lloyd Pye's Starchild Project, and in mid-2002, together with ufologist Keith Basterfield, she formed an eight-member, self-funded research group, the Australian UFO Research Association (AURA).

This article is based on Debbie Payne's presentation at the Australian National UFO Conference in June 2004. The full text can be found at the webpage <http://disclosure.freewebsite.org/Article%20text%2022.6.04.htm>.

Debbie Payne can be contacted at the Australian UFO Research Association, PO Box 786, North Adelaide, SA 5006, Australia; telephone 0413 800 143 (mobile; Australia only), email disclosureaustralia@yahoo.com.au, website <http://www.disclosure.freewebsite.org>.



REVIEWS

BOOKS

Reviewed by Ruth Parnell

CENSORED 2005: The Top 25

Censored Stories

by Peter Phillips & Project Censored

Seven Stories Press, USA, 2004

ISBN 1-58322-655-9 (379pp tpb)

Availability: **Australia**—Palgrave

Macmillan; **UK**—Turnaround,

<http://www.turnaround-uk.com>; **USA**—

<http://www.sevenstories.com>

Last issue in Global News we published a summary of the top 25 news stories judged by the Project Censored team at Sonoma State University, California, to have been most ignored by the mainstream media in the last 18 months. For the full run-down on these stories, along with updates on these and past stories, turn to this new compilation, *Censored 2005*.

This edition has a foreword by investigative reporter/author Greg Palast, who declares that 2004 "will live in journalism infamy, when America's news media lost all shame, when reporting on the invasion of Iraq was replaced by war-nography".

At least half this book contains contributions touching on important media-related issues of our times: media democracy in action, the new American censorship and how to challenge it (by Project Censored Director Dr Peter Phillips), the agenda of conservative talk radio in the USA, and corporate media's neglect of anti-globalisation movements. Case studies on the untold story of Haiti and US media coverage of the Israel/Palestine situation make for chilling reading. And the best of PR Watch's spins

of the year are noted, including the US "mad cow disease" cover-up and the Bush administration's push for "sound science".

This book is a mine of information, and a lot of it will make some sensitive readers fret at how the public is being duped by the corporate-controlled media let alone by their governments. At least to relieve the tension, the editors have liberally interspersed Tom Tomorrow's brilliantly satirical political cartoons throughout the book.

THE SEVENTH SENSE: The Secrets of Remote Viewing as Told by a "Psychic Spy" for the US Military

by Lyn Buchanan

Paraview Pocket Books, USA, 2003

ISBN 0-7434-6268-8 (306pp tpb)

Availability: Simon & Schuster,

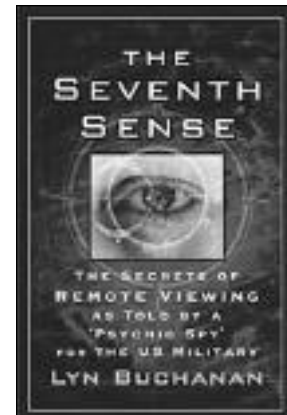
<http://www.simonsays.com>

Leonard "Lyn" Buchanan was a US Army sergeant based in Germany and working with computer systems when in 1984, under strange circumstances, he was recruited into a secret group attached to the Intelligence and Security Command. Based at Ford Meade, Maryland, it was conducting controlled remote viewing (CRV) as a military data collection tool. Lyn retired in 1992 and went on to set up his own RV company, but his experiences with the unit make for a fascinating read in *The Seventh Sense*.

In narrating what happened during his assignments, Buchanan sets the record straight on what remote viewing is and what it is not, and how it can best be conducted for most accurate results. He makes the distinction between the sixth sense, the ability to perceive ambience, and the seventh sense, the psychic ability, while noting that both are important in the remote viewing process.

Buchanan explains the subtleties and nuances, the protocols and pitfalls of working with CRV, and shares personal details of the ways CRV has utterly changed his life for better and/or worse. And yet, with all his RV experiences—exploring military targets, getting into the minds of world leaders to discern their intentions, identifying drug-smuggling boats, entering a Russian particle beam experiment—he discovered there's a pinnacle of CRV called Perfect Site Integration (PSI). In his eight-and-a-half years with the unit, he only had nine such experiences and has only had four or five since—that's how rare these events are—and he assures us that PSI is "one of the greatest experiences a CRVer can ever have".

There's intriguing information about how the conscious and subconscious minds work, about what happens after death, and about the nature of time. Plus, there's a substantial sourcebook section that explains the key terminologies of the territory and gives practical exercises to help anyone interested to train themselves in the basics.



REVIEWS



THE ENCYCLOPEDIA OF MEDICAL BREAKTHROUGHS & FORBIDDEN TREATMENTS

by Medical Research Associates, LLC
(David Johnson, MA, Editor-in-Chief)

Medical Research Associates, USA, 2005
ISBN 0-9749859-3-7 (319pp tpb)

Availability: MRA, website

<http://www.medical-breakthroughs.com>

In preparing this compendium, the editors at Medical Research Associates wanted to make a positive difference to people's health by assembling the most important, practical and up-to-date information on a range of treatments that support the fact that humans are complex organisms encompassing not just a body but a mind and spirit.

Utilising a worldwide network of medical and scientific researchers, and with an advisory board that includes medical doctors, naturopathic physicians, chiropractors and nurses, MRA has compiled the best available data on how to treat specific ailments from AIDS to warts—and without your necessarily having to resort to orthodox surgical and pharmacological options. In fact, in the preface to this *Encyclopedia of Medical Breakthroughs & Forbidden Treatments*, the editors point out some shocking statistics for surgery- and pharmaceutical-related injuries and deaths. It's not their intention to alienate orthodox MDs by fostering alternative and complementary—often "unapproved"—medical treatments and technologies, but to encourage an environment where practitioners can focus on helping their patients get the best health outcomes.

Under each listed ailment there is information on causes and symptoms and on the most appropriate, successful treatments;

these may include taking vitamins, minerals or essential fatty acids, undergoing light or sound therapy or doing specific exercises.

This section contains cross-references to one on general treatment methods such as acupuncture, insulin potentiation therapy (used to fight cancer) and nutrition/detox therapies. Special emphasis throughout these pages is on natural pain relief, including topical treatments such as DMSO, electricity, magnets and even urine.

This comprehensively researched handbook is a must for all health practitioners and ideal for the layperson who wants to be better informed about their healing options.

THE FOURFOLD PATH TO HEALING by Thomas S. Cowan, MD, with Sally Fallon and Jaimen McMillan

NewTrendsPublishing, Inc., USA, 2004

ISBN 0-7434-6268-8 (425pp tpb)

Availability: NewTrends Publishing,

<http://www.NewTrendsPublishing.com>

A book entitled *The Fourfold Path to Healing* conjures up images of the Buddha and the path to enlightenment. So readers will be pleased to know that its author, Dr Thomas Cowan, combines the best of Eastern and Western esoteric wisdom in the healing arts with the best of modern findings in Western medicine.

In his medical career path, Dr Cowan has been particularly inspired by the work of Dr Weston Price in areas of nutrition and physical degeneration, and of Dr Rudolf Steiner with his biodynamic agriculture principles. Dr Cowan has practised family medicine for 20 years and is trained in homeopathy, naturopathy and anthroposophical medicine. His fourfold path to healing encompasses nutrition using nutrient-dense traditional

foods, therapeutics via a wide range of non-toxic remedies, holistic movements to heal and strengthen the emotions, and meditation to develop one's objective thinking abilities.

A number of ailments are considered here in terms of this fourfold healing approach. We're provided with a multidimensional menu of treatments to deal with infectious disease, cancer, chronic fatigue, arthritis, back pain, women's and men's diseases and much more, along with appendices replete with healthy, nutritious recipes and practical exercises in movement and meditation.

For this book, Dr Cowan has recruited help in the traditional nutrition domain from Sally Fallon, founding president of the US-based Weston A. Price Foundation and author of *Nourishing Traditions*, and in the field of dynamic movement from Jaimen McMillan, developer of Spacial Dynamics® (his advice accompanied by easy-to-follow illustrations). So this collaboration pulls together a mix of expertise that offers health-seekers some truly holistic solutions.





REVIEWS

WHY AREN'T I LEARNING?

by **Rafaele Joudry**

Sound Therapy International, Aust, 2004
ISBN 0-9579246-2-3 (356pp tpb)

Availability: Sound Therapy International,
www.soundtherapyinternational.com

In *Why Aren't I Learning?*, Sound Therapy practitioner, author, educator and health professional Rafaele Joudry has the answer: that learning how to listen is the key for children who need to overcome learning difficulties. Her technique, based on those developed by French ear specialist Dr Tomatis and by her mother, Patricia Joudry, benefits normal and gifted children as well.

If your child has difficulty learning, reading, writing, remembering or keeping up with other kids, perhaps it is that he/she has a problem making sense of sounds. The scientifically based Sound Therapy program that Rafaele Joudry describes makes use of specially filtered music and stories that children (even babies) can access via headphones, enabling them to focus their concentration and enhance their language and learning abilities—all the while keeping their interest alive. The system (you need to obtain the listening program kits) also has special benefits for children and teenagers diagnosed with so-called ADD or ADHD, helping them solve their learning problems without having to resort to dangerous pharmaceutical drugs. (Joudry has sensible dietary advice, too.) It also is helpful for children who've been diagnosed with autism, dyslexia, stubborn ear infections, hearing loss and other disorders.

Testimonies from parents of children who've benefited from this therapy are included in Joudry's book, and they're indeed heartening for other parents as well

as for teachers and health professionals who may want to try these methods. Children can do these practical, easy, stimulating exercises while they're playing, doing their homework or sleeping. Ultimately this system offers a therapy that helps your child reach their full potential. Sounds amazing!

CROSSING THE RUBICON:

The Decline of the American Empire at the End of the Age of Oil

by **Michael C. Ruppert**

New Society Publishers, Canada, 2004
ISBN 0-86571-540-8 (674pp tpb)

Availability: New Society Publishers,
website <http://www.newsociety.com>;

From The Wilderness newsletter,
<http://www.fromthewilderness.com>

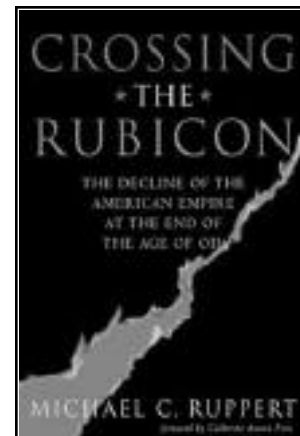
In this damning exposé, Mike Ruppert (former LAPD cop and publisher of the acclaimed investigative newsletter *From The Wilderness*) subjects the events surrounding 9/11 and the Bush administration's geopolitical belligerence to the same scrutiny as if he were working up a criminal prosecution. He examines the available evidence in terms of motive, means and opportunity and casts his net wide to implicate collaborators at the very top of the US government (especially VP Dick Cheney), in Wall Street, among defence systems contractors, and within intelligence and military networks not just in the USA but in Israel, Pakistan and Saudi Arabia. He also reminds us that Osama bin Laden has been a longtime Bush/CIA asset.

Ruppert's dire conclusion is that 9/11 had been in the planning for at least four years, even under Clinton's presidency. It was the ideal pretext for the Bush neo-cons to make the "War on Terrorism" official and justify

the military interventions required to secure vital energy supplies in the Middle East and other strategic regions. He maintains it was the realisation by early 2000 that Caspian Basin energy reserves had been grossly overstated that brought a new urgency to the issue of growing US demand for oil and gas in the face of dwindling supply, and this hastened the push for new sources.

The decision to "cross the Rubicon" from ailing republic to flourishing empire he says was the result of closed-door discussions among Dick Cheney's National Energy Policy Development Group—"where the basic motive for 9/11 was fully articulated, understood, and accepted" by the end of April 2001. It was sealed by May 2001 when Bush placed Cheney in charge of counter-terror attack planning, giving him control over FEMA and the military.

Ruppert's hefty book may make you weep with despair, but it's meant to make us think and inspire us all to be courageous against the forces that want us to live in fear.



REVIEWS



THE CANOPUS REVELATION: Stargate of the Gods and the Ark of Osiris

by Philip Coppens

Frontier Publishing, The Netherlands/
Adventures Unlimited Press, USA, 2004
ISBN 1-931882-26-6 (212pp tpb)
Availability: Frontier Publishing,
<http://www.fsf.nl>; Adventures Unlimited
Press, www.adventuresunlimitedpress.com; or NEXUS offices in Australia, UK.

Most Egyptologists, including recent re-interpreters such as Robert Bauval and Alan Alford, have erred in identifying the god Osiris instead of Horus with the constellation Orion, says Philip Coppens. And while the goddess Isis is teamed with the star Sirius in Egyptian mythology, there's another star, the second brightest in the sky, that was fundamental to the beliefs of the ancient Egyptians as well as Sumerians, Africans, Hindus and Greeks: the star Canopus. To all these civilisations, Canopus was an important celestial marker for navigation; indeed, located close to the constellation Argo, the star was bound up in the Greek myth about Jason and the Argonauts.

To the Egyptians, Canopus was the south polar star, and with its southerly position low near the horizon it was intricately linked in their mythology with death and the soul's journey to enlightenment. And the god most associated with death and the afterlife was Osiris. Coppens asks why, then, the importance of Canopus has been overlooked or underplayed by scholars—surely not because they lived too far north to observe it? Or was there a hidden reason? Coppens was surprised to find that recognition of the Canopus/Osiris link can be found in hidden

esoteric sources from the Holy Grail legend to the infamous Priory of Sion's records.

Coppens learned that Canopus was identified with his Chest, his Ark, in which he was transformed from mere mortal to resurrected supergod. Thus, he surmises, the Egyptians regarded Canopus as a "stargate" which allowed man to communicate with the gods and even enter other dimensions, to experience rebirth of the soul after death. This is at the core of the Osiris myth. Now frontier physicists are using a similar "stargate" symbolism in describing the structure of the Universe. It will be interesting to see how the scholarly world responds to Coppens's re-interpretation of ingrained belief systems.

MATRIX OF CREATION: Sacred Geometry in the Realm of the Planets by Richard Heath

Inner Traditions, USA, 2004 (first published by Bluestone Press, UK, 2002)
ISBN 0-89281-194-3 (148pp tpb)
Availability: Inner Traditions website,
<http://www.innertraditions.com>

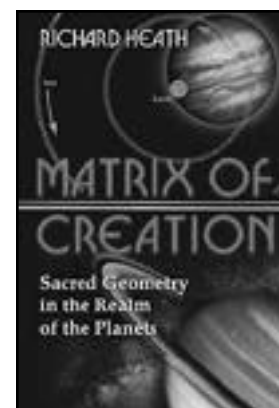
It can be argued that the ancient peoples of the world who understood number and incorporated its mysteries into their lives and works were reflecting the proportions they observed in the sky over time.

In *Matrix of Creation*, Richard Heath (a web developer and electrical/computer engineer from Scotland) turns his sights to the solar system, showing that the planets form interrelated numerical patterns with their orbits—a cohesion which forms the matrix. Readers with an interest in sacred geometry and grid harmonics will be fascinated with the "phi in the sky" synodic periods of Jupiter and Saturn that reveal the Golden Mean of 1:1.618..., the proportion that not

only has aesthetic appeal but is fundamental to organic structures from shells to the human skeleton. And there's more.

The pentagram of five Venus synods, created over an eight-year period, has special significance in our times, too, considering its solar flypast in June 2004 and again in eight years' time in 2012. The section on the Mars/Venus interplay portrays a 4:3 ratio that Heath shows is reflected in many a myth and measure of the ancient world. He has even found the irregular orbit of Mercury depicted in the facial features of Humbaba from the Gilgamesh epic. At least the task of getting acquainted with these numerical ratios and symbols is not so epic, helped by simple graphics.

Heath brings the Cosmos back to Earth, demonstrating that the sacred ratios were incorporated into ancient architecture such as Stonehenge and reflected in the musical tones that the ancients sounded to plug into the Divine. There's so much harmony that he concludes our solar system may not have been an accidental creation.





REVIEWS

LEMURIA AND ATLANTIS: Studying the Past to Survive the Future by Shirley Andrews

Llewellyn Publishers, USA, 2004
ISBN 0-7387-0397-4 (257pp tpb)
Availability: Llewellyn Worldwide,
<http://www.llewellyn.com>

Piecing together humanity's distant past is one of our great challenges, and Shirley Andrews manages to make a little more sense of the world pre-10,000 BC by drawing together evidence for contemporaneous ancient civilisations in the Pacific and Atlantic oceans, namely Mu (or Lemuria) and Atlantis, which met their final demise in a cataclysm at the end of the last ice age. Megalithic ruins (above ground and submerged), cave artefacts and local legends lend credence to this view, but Andrews also relies on psychic descriptions in her new book, *Lemuria and Atlantis* (a follow-up to *Atlantis: Insights from a Lost Civilization*).

Her primary source of information from the psychic realm comes from readings by the famous American seer Edgar Cayce, who spoke of the lost continent of Atlantis having existed in the Atlantic Ocean—and the submerged megalithic ruins found in the Greater Bahamas would seem to confirm his assertion to some extent. Her other sources come from people who have written to her with their dreams and memories of past lives in Lemuria and Atlantis. These certainly extend the paradigm, but such accounts tend not to be accepted in the scholarly world.

Academia is yet to explain the vast, semi-submerged basalt constructions on Nan Madol in the West Pacific, or the same sorts of spiral carvings found from the Pacific Islands to the Loltun caves in the Yucatán Peninsula to the Canary Islands and beyond.

From the evidence, Andrews concludes that the Lemurian civilisation—with its spirituality, symbology, architecture, technology and vibrational healing techniques—spread as far west as Tibet and east to the Americas, where it merged with the Atlantean civilisation as it was moving further west, both groups escaping cataclysmic earth changes.

This multifaceted approach has relevance for how we view our past *and* our future.

CHEMTRAILS CONFIRMED by William Thomas

Bridger House Publishers, USA, 2004
ISBN 1-893157-10-5 (325pp tpb)
Availability: Bridger House Publishers, Inc., tel 1800 729 4131 (toll free),
<http://www.willthomas.net>

Since the mid-1990s, people across the USA and other parts of the world including Australia, Canada, Europe and the UK have been looking up at the sky and observing military transport planes creating criss-crossing contrails that eventually merge in a haze from horizon to horizon. They've seen these planes spraying substances at low altitude, when civilian aircraft flying much higher have left no such condensation trails. Thousands have become ill as a result of the fallout from these "chemtrails", reporting diverse reactions such as respiratory distress, pneumonia, gastrointestinal problems, lethargy and nosebleed. Substances like aluminium oxide, bacteria and mycoplasma have been identified in the chemtrail fallout.

NEXUS readers may recall several articles on chemtrails that we've run by researcher William Thomas (see 8/06, 7/02, 6/03). In *Chemtrails Confirmed*, Thomas further examines the questions he has posed as to whether this phenomenon is part of some

covert climate control agenda or constitutes biological warfare against the people—or both. Year by year, the evidence is growing for the reality of this covert chemtrails project, and increasing numbers of highly trained personnel are speaking out about their observations. But until the authorities 'fess up, the chemtrails phenomenon and the motive for producing it are subjects of much speculation. The late Dr Edward Teller in 1998 suggested placing a "sunscreen" above Earth to reflect sunlight and reduce global warming (if this were indeed the problem), yet the chemtrails phenomenon was being noticed years beforehand. In fact, weather modification has been conducted for decades and seems to have been ramped up a few notches with the establishment of the HAARP ionospheric experiment in Alaska.

As the mainstream media are ignoring chemtrails, it is up to independent journalists like Thomas to find out what we need to know. He also suggests actions we can take at the political level as well as at the personal level in terms of boosting our health.



REVIEWS

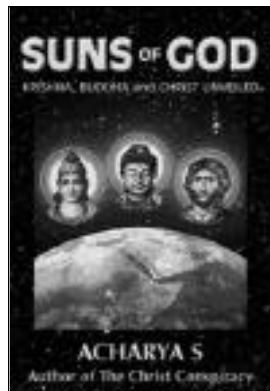


SUNS OF GOD: Krishna, Buddha and Christ Unveiled by Acharya S

Adventures Unlimited Press, USA, 2004
ISBN 1-931882-31-2 (595pp tpb)
Availability: Adventures Unlimited Press,
<http://www.adventuresunlimitedpress.com>;
or NEXUS offices in Australia, UK, NZ etc.

In this follow-up to her controversial book *The Christ Conspiracy* (7/02), author and scholar Acharya S investigates the origins of three of the world's most popular religions, Hinduism, Buddhism and Christianity, and examines the similarities amongst their figureheads—Krishna, Buddha and Jesus.

In *Suns of God*, she argues that myths are not "mere meaningless mumbo-jumbo" but have meaning and purpose. Yet she doesn't hold that these "godmen" of the solar pantheon were actual historical personages. Instead, Acharya S puts the case for these identities being "anthropomorphisations" of the core knowledge of ancient mystery traditions going back thousands of years and having commonalities all over the globe.



She laments that in the 21st century, "little has changed in terms of religious understanding, and the world in general continues to be divided along the lines of faith".

You could say things have only become worse, with a growing tendency towards fundamentalism across several of the "great faiths". Surely this wasn't the intention of the core teachings? Or have the so-called "brotherhoods" been promoting exoteric teachings instead of esoteric teachings that seem to require the protection of secret societies? So many questions, and Acharya S provides a daunting array of tangents for our exploration, confirming that the ancients were obsessed with things astronomical and astrological and that such pursuits were basic to their theology—an astrotheology that's at the core of every great religion.

Acharya S distills a wealth of detail that you never knew about the ancient world, and concludes that these great world faiths have more in common than we realise.

SHOPPED: The Shocking Power of British Supermarkets by Joanna Blythman

Fourth Estate/HarperCollins, UK, 2004
ISBN 0-00-715803-3 (368pp pb)
Availability: Fourth Estate,
<http://www.4thestate.com>

Supermarkets have become an all-too-pervasive aspect of our lives. In the Western world, few people can entirely avoid supermarkets, even if they do the bulk of their shopping at their local greengrocer, fishmonger, butcher, hardware store or health food co-op—small outlets that are becoming more scarce as the giant chains continue to fight each other for ever-greater market share and dominance.

In *Shopped*, award-winning UK food journalist Joanna Blythman attempts to tear the blinkers from the eyes of ordinary consumers who are unaware of or just don't care about what they're forsaking for so-called convenience and lowish prices. She entreats us to see the supermarket giants for what they really are: feudal tyrants that tell us what we think we want to buy (the more processed, the higher their profit margin); that tell lies about the quality of their products; that tell growers what and how much to produce and how and when they must present it. It's sad that the British, with their local, seasonal food traditions and their independent shopkeeper ethos, could think that what is best for them is access to a constant supply of (variable-quality) foods from anywhere on Earth, regardless of the season. Their bowing to the supermarket tyrants shows how conditioned they've become. Meanwhile, local livestock and food producers have become poorer as a result.

In the UK, a few supermarket superpowers including Tesco, Asda (owned by the US Wal-Mart) and Sainsbury's control around 70% of the market and keep battling for greater shares based on further manipulation of the shopper's mindset and wallet and exploitation of suppliers and workers. Cheesy American staff-training styles and "retailtainment" distractions are infiltrating the British social fabric, already rent asunder by the giants' setting up outside town and causing the demise of high-street shopkeepers—only to set up again in town in "Express" stores designed to get rid of the rest of whatever competition is left.

Ultimately, says Blythman, we *do* have a choice in the face of the big supermarkets' imposed choices: we can support local growers and suppliers; reject ready-made meals and processed ingredients in favour of home-prepared meals that use fresh, nutritious, even organically grown ingredients; and make a stand for real, not fake, communities. By doing this, we *can* change our lot.



REVIEWS

NOT ON THE LABEL:

What Really Goes into the Food on Your Plate

by Felicity Lawrence

Penguin Books, UK, 2004

ISBN 0-141-01566-7 (272pp pb)

Availability: Penguin Books,

<http://www.penguin.co.uk>

After reading Felicity Lawrence's book, you'll never feel the same way about shopping at the supermarket. Like her, you'll become a shopping detective, checking labels, questioning the sources of the products on show, wondering what the heck really is in frozen chicken nuggets (if you even bother to go near the frozen food section), and perhaps thinking there has to be a better and healthier way to eat and not be beholden to the industrial food giants.

In *Not on the Label*, Lawrence incorporates much of the undercover investigative reporting featured in her columns in the UK *Guardian* newspaper in recent years. And eye-opening it is. Despite health authorities' controls, there are still significant breaches



in protocols that take place between farm and supermarket. Readers will be gobsmacked to learn that Dutch food processors have worked out ways to incorporate beef protein (and extra water) in frozen imported chicken breasts to plump them up and also to evade detection in DNA tests.

But chicken is just one of a number of adulterated foods that Lawrence focuses on thematically—other foodstuffs being salad, beans, bread, apples and bananas, coffee and prawns, and ready-made meals. She argues that the powerful supermarket chains and the corporate industry that they support are not just compromising the quality of our food supply but are promoting practices that are ecologically unsustainable and are unjust to marginalised workers. Indeed, migrant workers in the UK as well as workers abroad bear the brunt of a callous, globalised food production/distribution system.

We need to reassess where our consumer society is heading—a society that forgoes

seasonal produce in favour of out-of-season imports, takes the easy way out with processed foods and snacks, and doesn't care if our food is genetically engineered or not.

Among the positive strategies Lawrence suggests is that we support local, sustainable, organic food production as well as Fair Trade products that help Third World producers improve their livelihood.

HOODWINKED:

Watching Movies with Eyes Wide Open

by Uri Dowbenko

Conspiracy Digest LLC, USA, 2004

ISBN 0-9710-0422-6 (257pp tpb)

Availability: Conspiracy Digest,

<http://www.conspiracydigest.com>

If we go to the cinema to be entertained, do we expect to be deceived in the process? Not necessarily, but Uri Dowbenko (author of *Bushwhacked*; see NEXUS 10/01) reminds us in *Hoodwinked* that movies are "the most powerful form of programming yet devised, implanting specific perceptions of the world". They can carry hidden meanings and secret messages, and not everyone is aware enough or sufficiently equipped to be able to resist any adverse indoctrination intended by the films' producers.

Dowbenko, an alternative media author who specialises in "conspiracy" research, moonlights as a film reviewer, and for this compilation he has assembled a number of previously published critiques that help explain the subtexts of a host of films that may have eluded all but the most astute viewers. He deconstructs a large selection of relatively recent movies according to categories: political science fiction (*The Matrix*); Illuminati/mind control/psy-ops (*Conspiracy Theory*); mystical (*Contact*); historical secrets and lies (*Seven Years in Tibet*); pop idolatry with an emphasis on sex and death (*Armageddon*); and government/business scams (*Bulworth*).

Not all the examples given are what could be judged as attempts to brainwash the public in sinister ways; some are actually designed to make people think, throw off the shackles of government/media/corporate/religious oppression and become self empowered, even self transcendent.

A difficult call, but it would have been helpful to have more detail on each film's funding to aid our appreciation of the agendas behind the scenes. Still, each critique contains interesting background research that provides additional context for understanding and appraising each film.

Dowbenko's perspectives, whether you agree with them or not, will encourage you to watch your next movie with your eyes wide open—so you don't get hoodwinked.

REVIEWS



VIDEOS, DVDs NEXUS CONFERENCE NEW RELEASES

NEXUS 2004 EUROPE CONFERENCE VIDEOS & DVDs

Produced and directed by Bert Janssen
Prices: DVD – 22.00, Video – 20.00
Distributor: **Europe**—Frontier Sciences Foundation, PO Box 48, Enkhuizen 1600 AA, The Netherlands, telephone +31 0228 324076, fax +31 0228 312081, website <http://www.fsf.nl>
Availability: **Australia**—NEXUS Office
Prices: DVDs \$38.50 each inc. GST + postage; Videos \$33.00 each, if available;
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Inspiring and informative talk on HAARP, the effects of frequencies on humans, and personal and social activism.

JERRY DECKER

An overview of the inventors, researchers and theories in the free energy field that hold promise for our future.

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Thought-provoking research on the engineering impossibilities of the Egyptian pyramids and other mystery sites.

RICHARD SAUDER

Evidence and speculation on underground and undersea bases and tunnels around the world.

JASON MARTELL

Excellent presentation on Planet X, ancient astronauts and mysteries of the Sumerian culture.

STUART URBAN

Director of the movie *Revelation*, which links ancient mysteries with secret societies.

VALERY UVAROV

Mind-blowing presentation about the mysterious, ancient, high-tech "Installation" in remote Siberia and its role in the 1908 Tunguska event.

JOHN MAJOR JENKINS

Research into the Mayan civilisation and its relationship to the predictions for world changes in 2012.

NANCY POLET – INTERVIEWS

Environmental law specialist and freelance journalist Nancy Polet interviews each speaker at the NEXUS 2004 Europe Conference.

VIDEOS, DVDs NEXUS CONFERENCE NEW RELEASES

NEXUS 2004 BRISBANE CONFERENCE VIDEOS & DVDs

Produced by E&E Productions, SA
Prices: DVD – A\$45.00, Video – A\$35.00 inc. GST & postage
Distributor: **Australia**—E&E Productions, PO Box 444, Oaklands Park, SA 5046, tel/fax (08) 8298 8449, website <http://www.eande.va.com.au>
Availability: E&E Productions (see above) or your nearest NEXUS Office

VALERY UVAROV (90mins)

Information about the mysterious, ancient, high-tech "Installation" in remote Siberia and its role in the Tunguska event. Also discusses the Wands of Horus.

NICK BEGICH I (90mins)

The Neurophone and the rise of energy frequency medicine.

NICK BEGICH II (90mins)

HAARP, Tesla technology and the future.

JIM MARRS I (90mins)

The unanswered questions of 9/11.

JIM MARRS II (90mins)

Secret societies, UFOs and the NWO.

RICHARD ALAN MILLER (90mins)

Planetary resonance and mind/mood-control technology.

PROF SIEGFRIED TISCHLER (90mins)

Explodes the myth that oil is of fossil origin. Also discusses geopolitics of oil.

WAL THORNHILL (90mins)

Revelations on the electrical nature of the cosmos, comets and planets.

NANCI TRIVELLATO (90mins)

Research into the out-of-body experience.

JAIN (90mins)

Vedic Maths and Sacred Geometry.

MALCOLM McCLURE (90mins)

Explains our Common Law rights.

LLOYD PYE (90mins)

Overtures the theory of evolution and advocates ET intervention; Starchild skull.

INTERNET SECURITY TEAM (60mins)

Computer security specialists reveal tips on preventing unauthorised access to and theft of data.

EVE HILLARY (90mins)

Update on the covert war against alternative therapies and medicines.



REVIEWS

MUSIC

Reviewed by Richard Giles

CARIBBEAN PLAYGROUND

by various artists

Putumayo Kids, USA, 2004 (42mins)
Distributors: **Aust**—MRA Entertainment, tel (07) 3849 6020; **UK**—Pinnacle Imports, tel 01689 870622; **USA**—Putumayo, tel 1888 7888 8629, website <http://www.putumayo.com>

The World Playground series has been promoted by Putumayo in recent years and this is the newest release. The aim of the series is to introduce children to music of the world and let them have fun as well. Each CD has upbeat songs to sing or dance to, liner notes that inform on the songs and great artwork. (There is also an interactive website, www.putumayokids.com.) *Music from the Caribbean* is a mixture of reggae, zouk and bomba, with famed artists like Taj Mahal, Desmond Dekker, the Wailers, Luc Leandry and more. The series has won the US Parents' Choice Award and is top value.

OM MANI PADME HUM

by Buedi Siebert

Real Music, USA, 2004 (50mins)
Distributors: **Australia**—New World Music, tel (02) 9565.4522; **USA**—Real Music, tel (415) 331 8273, website <http://www.realmusic.com>

Trained as a classical musician, Buedi Siebert has travelled the world and connected with the music of Tibet on his way. This album was created for a multi-vision project, "Tibet Impressions", in 1999–2000. The experience moved Buedi so much, he's used the *Om Mani Padme Hum* mantra in his work and for this studio recording. It blends the voices of Tibetan monks and the Billafinger Madrigal Choir with bamboo flutes, clarinet, udu, frame drums, gongs, marimba and base guitars. An uplifting CD of ambient Tibetan music.

A DROP IN THE OCEAN

by Sultan Khan and Krishna Das

Karuna/Triloka, USA, 2003 (55mins)
Distributors: **Aust**—Diffrnt Music, tel (02) 9387 4552; **USA**—Karuna Music, tel (415) 626.6334, website <http://www.karunamusic.com>

Krishna Das has performed around the world, influencing many leading musical and political figures with his devotional music. Here he combines traditional Indian chant with the modern, and provides the harmonium accompaniment. Sultan Khan is one of the Indian music greats as a sarangi player and singer. The two masters from

two different backgrounds combine to produce some divine singing and verse with the inspiring, emotional call-and-response style of *bajhan* (song), with tabla, guitar and keyboard contributions from Ty Burhoe, David Nichtern and John McDonald. An historic album for Indian music enthusiasts.

TASSOUMAKAN

by Issa Bagayogo

Six Degrees, USA, 2004 (66mins)
Distributors: **Aust**—MRA Entertainment, tel (07) 3849 6020; **USA**—Six Degrees Records, tel (415) 626 6334, website <http://www.sixdegreesrecords.com>

Issa Bagayogo has been nicknamed "Techno-Issa" in his homeland of Mali. Raised on traditional music and instruments, he began mixing these sounds with techno drum programming after he met French engineer Yves Wernert and guitarist Moussa Kone in 1993. This was very new in Mali, and it became known as "Afro-techno". His first CD, *Sya*, in 1998, was a huge success in Mali. The second album, *Timbaktu*, became an international hit, and this third album, *Tassoumakan* ("Voice of Fire"), is his most bluesy roots music yet. Recommended.

SOUND MEDICINE MAN

by Tim Wheeler

New World Music, Aust, 2004 (50mins)
Distributors: **Australia/UK/USA**—New World Music, website <http://www.newworldmusic.com>

Tim Wheeler is one of the greats of ambient music and has a string of releases behind him. This latest album from Tim expresses his inspiration for the shaman's path and was recorded in the high mountains of Colorado, USA. His distinctive flute sound carries his magical, haunting compositions that capture the solitude, dedication and peace of the ancient shaman's path. The CD holds that drifting Tim Wheeler sound, transmitting a message of timelessness. A beautiful, calming album.



The Truth behind the Vaccines Cover-up

Continued from page 22

group of children who could have been used as a thimerosal-free control. It seems that for two years before this conference, Bethesda Naval Hospital had been using only thimerosal-free vaccines to immunise children. They knew this, and I would assume someone would have told Dr Verstraeten of this important fact before he did his study.

So, now to the quote. Dr Braun responds (page 170) to the idea of starting a new study using such thimerosal-free controls by saying: "Sure we will have the answer in five years. The question is: what can we do now with the data we have?"

Well, we have the answer to that: they simply cover up this study, declare that thimerosal is of no concern and continue the unaltered policy. That is, they can suggest the pharmaceutical manufacturers of vaccines remove the thimerosal, without making it mandatory or examining the vaccine to make sure the thimerosal has been removed.

Let's take a small peek at just how much we can trust the pharmaceutical manufacturers to do the right thing.

Several reports have surfaced of major violations of vaccine manufacturing policy which have been cited by the regulatory agencies.

These include obtaining plasma donations without taking adequate histories from donors as to disease exposures and previous health problems, poor record-keeping on these donors, improper procedures and improper handling of specimens.

That these are not minor violations is emphasised by the discovery that a woman with variant Creutzfeldt-Jakob disease (vCJD) was allowed to give plasma to be used in vaccines in England.

In fact, it was only after the contaminated plasma was pooled and used to make millions of doses of vaccines that her disease was discovered. British health officials told the millions of vaccinated not to worry, since they have no idea if this vaccine will really spread the disease.

Contamination of vaccines is a major concern in the US as well, as the regulatory violations make plain. It is also important to note that no fines were imposed in the UK in these instances—just warnings.

Continued next issue ...

About the Author:

Board-certified neurosurgeon Dr Russell Blaylock has practised neurosurgery for the past 26 years and runs a successful private nutritional practice. He serves on the editorial staff of the *Journal of the American Nutraceutical Association* and on the editorial board of the *Journal of American Physicians and Surgeons*, the official journal of the Association of American Physicians and Surgeons.

His first book, *Excitotoxins: The Taste That Kills*, demonstrated the link between food additives and degenerative diseases. Dr Blaylock has also contributed to three medical textbooks and has written and illustrated booklets on multiple sclerosis and bioterrorism. He is also the author of two recently released books, *Health and Nutrition Secrets That Can Save Your Life* and *Natural Strategies for Cancer Patients*. His article, "Excitotoxins: Dangerous Food Additives" was reprinted in NEXUS 7/04-05.

Dr Blaylock can be contacted via his website:

<http://www.russellblaylockmd.com>.

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CONCLUSION

When the number-one killer in a society is the health care system, then that system has no excuse except to address its own urgent shortcomings. It's a failed system in need of immediate attention.

What we have outlined in this paper are insupportable aspects of our contemporary medical system that need to be changed—beginning at its very foundations. ∞

Editor's Note:

Due to space constraints, we are unable to publish the endnotes accompanying this article; instead, we have posted them with the article on our website, <http://www.nexusmagazine.com>. Readers without Internet access can request a copy of the endnotes from their nearest NEXUS Office.

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<http://www.nutritioninstituteofamerica.org>. For more articles relating to alternative health and nutrition, visit the library at Gary Null's Natural Living website, <http://www.garynull.com>.

About the Authors:

• **Carolyn Dean**, MD, ND, since 1979 has worked as a medical doctor, naturopath, herbalist, herbal formulator, homoeopath, consultant, researcher and writer, and as an activist, advocate and inventor. She has written several books and hundreds of articles, has appeared on countless radio and TV programs, including ABC's *The View*, promoting natural healing and the individual's right to take responsibility for their own health.

Based in New York City, Dr Dean is health adviser and writer for www.yeastconnection.com, www.curesnaturally.com, and www.friendsoffreedom.com. She can be contacted via her website, <http://www.carolyndean.com>. Dr Dean is the main author of this article.

• **Martin Feldman**, MD, is a board-certified neurologist and Assistant

Professor of Neurology at Mount Sinai Medical Center in New York City. He is the author of 63 peer-reviewed journal articles and is at the forefront of understanding modern advances in medical science.

• **Gary Null** has a PhD in human nutrition and is the host of the longest-running syndicated radio show on health and nutrition in the USA. He has published over 71 books, including the *New York Times* best-sellers *Get Health Now!* and *Power Aging*. He is also the producer of numerous award-winning documentaries about health and lifestyle. He is the founder of the Natural Living Running Club, and has competed as a world-class athlete. In 1975 he founded the not-for-profit corporation, Nutrition Institute of America, Inc.

Dr Null can be contacted via his website, <http://www.garynull.com>.

• **Debora Rasio**, MD, is a physician practising alternative medicine in Rome, Italy. She is also an oncologist who has written extensively on cancer. Dr Rasio provided some of the initial research for this paper.

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University Library, Washington, DC, to assess Quigley's claims to privileged access to files of the "international Anglophile network".

11. Gary Allen with Larry Abraham, *None Dare Call It Conspiracy*, Concord Press, 1971, p. 74.
12. Quoted in Walter Nimocks, *Milner's Young Men*, pp. 143-144.
13. For biographies of Cecil Rhodes, see: Sarah Gertrude Millin, *Rhodes*, Chatto & Windus, 1952; John Flint, *Cecil Rhodes*, Hutchinson, 1976; Robert I. Rotberg with Miles F. Shore, *The Founder: Cecil Rhodes and the Pursuit of Power*, Oxford University Press, 1988; and Antony Thomas, *Rhodes*, St Martin's Press, 1997.
14. See: Thomas, *Rhodes*, pp. 169-181; Rotberg, *The Founder*, pp. 180-214; and Rob Turrell, "Rhodes, De Beers and Monopoly", *Journal of Imperial and Commonwealth History*, May 1982, pp. 311-343.
15. John S. Galbraith, "Cecil Rhodes and his 'Cosmic Dreams': A Reassessment", *Journal of Commonwealth and Imperial History*, Winter 1972-73, p. 173.
16. Quigley, *Tragedy and Hope*, p. 130.

See also: Flint, *Cecil Rhodes*, pp. 27-28; and Millin, *Rhodes*, p. 29.

17. Rotberg, *The Founder*, pp. 85-88, 95. Thomas (*Rhodes*, p. 110), recognising that Rhodes arrived three years too late to see Ruskin, still speculates that "no doubt, he would have read the published text" of Ruskin's speech.
18. Quoted in Flint, *Cecil Rhodes*, pp. 27-28.
19. Rotberg, *The Founder*, p. 95.
20. *ibid.*, pp. 99-100 (including quote).
21. Quoted in Flint, *Cecil Rhodes*, pp. 248-249.
22. Quoted in Millin, *Rhodes*, p. 32.
23. Quoted in Flint, *Cecil Rhodes*, pp. 250-251.
24. Rotberg, *The Founder*, pp. 101, 102.
25. "Confession" quoted in Flint, *Cecil Rhodes*, p. 249.
26. Rotberg, *The Founder*, pp. 101-102. The "heart attack", which is alleged to have occurred while Rhodes was in Oxford, is an unusual incident. His friends reportedly found Rhodes barricaded in his room "blue with fright" and insisting that "he had seen a ghost" (*ibid.*, p. 102).
27. Quoted in *ibid.*, pp. 32-33 (emphasis added).
28. *ibid.*, p. 233.

29. Niall Ferguson, *The House of Rothschild: The World's Banker, 1848-1998*, Penguin Books, 2000, vol. II, pp. 360-362, 523 fn13 (including Rhodes quote).
30. Quoted in Rotberg, *The Founder*, p. 316.
31. Quoted in Estelle W. Stead, *My Father: Personal & Spiritual Reminiscences*, William Heinemann, 1913, p. 154.
32. Rotberg, *The Founder*, pp. 281-282; quotes in Stead, *My Father*, pp. 234, 236.
33. Rotberg, *The Founder*, p. 282.
34. Quigley, *Tragedy and Hope*, p. 133.
35. Quoted in Stead, *My Father*, p. 239.
36. Rhodes to Stead quoted in Millin, *Rhodes*, p. 172; Rhodes's will quoted in Rotberg, *The Founder*, p. 666.
37. Christopher Hitchens, *Blood, Class and Nostalgia: Anglo-American Ironies*, Chatto & Windus, 1990, pp. 299-300.
38. Quigley, *Tragedy and Hope*, pp. 130-131; Rhodes quoted in Millin, *Rhodes*, p. 171.
39. Quoted in Millin, *Rhodes*, pp. 172-175.
40. Quoted in Graham Hancock and Robert Bauval, *Talisman: Sacred Cities, Sacred Faith*, Michael Joseph, 2004, p. 379.

The Wands of Horus – Ancient Tools for Enlightenment

Continued from page 46

In the event of inadequate functioning of the energy canals, the energy cocoon generated by the Wands of Horus vibrating at the frequency dictated by the hypothalamus and hypophysis assumes an intermediary role of conveying the blocked signal and stimulating the functions of self-healing and regeneration.

The "pranic cocoon" produced by the Wands of Horus KONT, filled with carbon and ferromagnetic material, has a powerful impulse effect on the human organism, but it is not stable. Irrespective of how long you work with this type of cylinder, even two or three days, the cocoon they create disperses completely within 24 hours. Hence, to maintain the cocoon produced by this type of cylinder requires work every single day.

The Wands of Horus QUARTZ, filled with crystals of quartz, produce a "pranic cocoon" that has a gentle, even but deep-acting effect on the human organism. The cocoon created by this type of cylinder is very stable. If you work with the Wands of Horus QUARTZ continually for a week, then the cocoon created will last for three

weeks, continuing its corrective effect on the whole organism.

To correct pathological conditions which have built up over a number of years, the organism and the Wands of Horus need time. Therefore, work with the cylinders must be regular and continual. The deep correction required for serious conditions may take several months.

Remember that we spend years acquiring our problems, so do not worry if you do not experience rapid results. ∞

About the Author:

Dr Valery Mikhailovich Uvarov has devoted more than 14 years to studying the legacy of ancient civilisations. He is the head of the Department of UFO Research, Palaeosciences and Palaeotechnology of the National Security Academy of Russia. The Academy has a mandate to publish its findings freely.

Dr Uvarov is the author of numerous publications on palaeosciences and palaeotechnology as well as ufology and esoterica in the Russian and foreign press. He has also initiated and participated in a number of expeditions to India and Egypt in search of material evidence of ancient knowledge. He is a regular participant at a

variety of international conferences and gives lectures and seminars in Australia, America, Britain, Germany and Scandinavia.

In 1999 he published *The Wands of Horus*, the first book to provide a theory regarding the use and construction of the Wands. He has since published a second book on the Wands of Horus in Russian, soon to be available in English. Dr Uvarov is based in St Petersburg, Russia, and can be contacted by email at nsa@homeuser.ru.

About the Collaborator:

Carl Agar has been working with Valery Uvarov since 2001 to assist him in bringing the message of the Wands of Horus to the English-speaking world. He converted Dr Uvarov's original book into a PDF version, which is now freely available on the Internet at <http://www.neilos.org> or <http://www.wands.org>. He has since been responsible for making available further works on the Wands of Horus as they have been translated into English.

Mr Agar is the principal of Neilos Etheric Products. He can be contacted at PO Box 6425, St Kilda Road Central, Melbourne Vic 8008, Australia, tel/fax +61 (0)3 9787 3216, email enquiries@neilos.org, website <http://www.neilos.org>.