

NEXUS

NEW TIMES MAGAZINE

Volume 15, Number 3

APRIL – MAY 2008

UK/Europe edition

Website: <http://www.nexusmagazine.com>

CONTENTS

- LETTERS TO THE EDITOR.....4**
Readers' comments on the tsunami that's overdue for Australia's east coast, revelations about the Olmecs, the cause of disappearing bees and more.
- GLOBAL NEWS.....6**
We report on the rising deaths from Gardasil HPV vaccine, a new test that may do away with mammograms, theft from RFID smart cards, and solar changes sparking fears of global cooling.
- US-NATO'S NUCLEAR FIRST-STRIKE POLICY.....13**
By Michel Chossudovsky. The Pentagon and NATO have been plotting for years to have nuclear weaponry accepted for first-strike usage and as a means to preserve "the Western way of life".
- SOWING THE SEEDS OF DESTRUCTION—Part 2.....21**
By Stephen Lendman. This review of Bill Engdahl's book shows how the Gene Revolution, with Rockefeller funding, has created a world where feeding the starving is akin to an act of genocide.
- HEALING TOOTH DECAY WITH NUTRITION.....29**
By Ramiel Nagel. The root cause of dental cavities and gum disease is lack of proper nutrition, but healing can be promoted and teeth remineralised by eating traditional and indigenous foods.
- A TREATISE ON ELECTROSMOG RESEARCH.....37**
By Walter Laufs. This physicist and alternative healer turned to scalar wave technology in finding a way to protect his patients from the stress caused by all-pervasive electromagnetic pollution.
- THE NAADI PALM LEAF ORACLE OF INDIA.....43**
By Angela and Andrew Donovan. Collections of Sanskrit and Tamil writings on palm leaves contain messages for individual seekers that are said to have been dictated by Shiva about 5,000 years ago.
- SCIENCE NEWS.....49**
This issue we feature Canadian inventor Thane Heins's Perepiteia Generator which has been shown to accelerate, not slow down, under load.
- ORIGIN & SYMBOLISM OF THE CRYSTAL SKULLS...51**
By Philip Coppens. The mysterious crystal skulls were most likely created in Central America and may have played an important role in the Mayan priests' re-enactment of their creation myth.
- BORISKA: INDIGO BOY FROM MARS.....57**
By Gennady Belimov. A Russian boy who claims to have had previous lives on Mars and who speaks of future Earth cataclysms and ET visits has grabbed worldwide attention in recent years.
- THE TWILIGHT ZONE.....63**
This edition we run Ted Twietmeyer's thoughts on giants and Bronze Age artefacts, and Michael Salla's wrap on recent secret UN meetings on UFOs.
- REVIEWS—Books.....69**
*"Cure Tooth Decay" by Ramiel Nagel
"Let Food Be Your Medicine" by Marguerite Henshaw
"Life from Light" by Michael Werner & Thomas Stöckli
"Choosing Not to Immunise Our Children" by Dale Frazer, DO
"Think of an Elephant" by Paul Bailey
"The Hidden Oracle of India" by Andrew and Angela Donovan
"The Golem: A World Held Hostage" by Michael Collins Piper
"Turning the Templar Key" by Robert Lomas
"Spiritual Technology of Ancient Egypt" by Edward Malkowski
"Raising Stone 1" by Paul Hai
"Oil Apocalypse" by Vernon Coleman
"Scared to Death" by Christopher Booker & Richard North
"The Big Book of Near-Death Experiences" by P.M.H. Atwater
"Mysteries and Secrets of Time" by Lionel & Patricia Fanthorpe*
- REVIEWS—DVDs.....76**
*"NEXUS Conference 2007" produced by E&E Productions
"NEXUS: The First 20 Years" produced by NEXUS Magazine*
- REVIEWS—Music.....77**
*"Lost Canyons" by Scott August
"Afriki" by Habib Koité & Bamada
"The Way Home" by Sacred Earth
"Dial M for Mantra" by Jai Uttal
"The Rough Guide to Bollywood Gold" by various artists*
- NEXUS BOOKS, VIDEOS, ADS, SUBS.....84-88**

NEXUS MAGAZINE

Volume 15, Number 3

APRIL – MAY 2008

PUBLISHED BY
NEXUS Magazine UK

EDITOR

Duncan M. Roads

CO-EDITOR

Catherine Simons

ASSISTANT EDITOR/SUB-EDITOR

Ruth Parnell

OFFICE ADMIN/EDITORS' ASSISTANTS

Jenny Hawke; Susie Foster

UK OFFICE ADMIN

Marcus Allen; Alex Allen

CONTRIBUTORS THIS ISSUE

Prof. Michel Chossudovsky; Stephen Lendman;
Ramiel Nagel; Walter Laufs; Angela Donovan and
Andrew Donovan; Thane Heins; Philip Coppens;
Gennady Belimov plus Project Camelot;
Ted Twietmeyer; Michael E. Salla, PhD

CARTOONS

Phil Somerville

COVER GRAPHIC

Jeff Edis, jeff_edis@hotmail.com

PRINTING

Goodhed Print Group, Bicester, Oxon., UK

DISTRIBUTION

Seymours, London, UK

NEXUS UK OFFICE - 55 Queens Rd, E. Grinstead,
West Sussex, RH19 1BG.

Ph: 01342 322854; Fax: 01342 324574

e-mail address: nexus@ukoffice.u-net.com

Website: www.nexusmagazine.com

EUROPE OFFICE - Postbus 10681, 1001 ER
Amsterdam, The Netherlands.

Ph: +31 (0)228 324076; Fax: +31 (0)228 312081

e-mail address: nexus@fsf.nl

HEAD OFFICE - Articles, Reviews, etc.

PO Box 30, Mapleton, Qld 4560, Australia.

Ph: +61 7 5442 9280; Fax: +61 7 5442 9381

e-mail address: editor@nexusmagazine.com

ITALY OFFICE - c/- Avalon Edizioni, Piazza
Mazzini 52, 35137 Padova, Italy

USA OFFICE -

PO Box 1248, Walterboro, SC 29488

Tel: +1 843 549 5985; Fax: +1 877 349 1928

Email: nexususa@earthlink.net

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.

PERMISSION-TO-REPRODUCE POLICY

While reproduction and dissemination of the information in NEXUS is actively encouraged, anyone caught making a buck out of it, without our express permission, will be in trouble when we catch them!

Editorial

I have been a busy boy of late. For weeks, I have spent all my spare time scanning 20 years' worth of NEXUS back issues, articles, news items and reviews into the computer. The final result has been a single PDF file for each edition, article, news section, reviews section, etc. These PDF files are text searchable, and are free of advertisements. You can access these electronic back issues and articles via two methods.

The first is via our brand new website with a secure shopping cart. Although NEXUS was among the first to have a website in Australia, I have done little to update the style or content layout over the past decade, and so the long-awaited and promised overhaul has now been effected. As well as looking modern and pretty (which means those flashing rainbow lines have now gone from the home page), our new-look website offers a lot more to readers. Apart from the selection of free articles, you can now purchase *any* back issue, article or review, etc. as an electronic download directly into your own computer.

The other way to access these electronic NEXUS files is to buy our new compilation DVD. We are calling it "NEXUS: The First 20 Years" and, as you can guess, it contains all the back issues going back to volume 1, number 1, published in 1987. Apart from looking attractive on a bookshelf, the main benefit of this DVD is that you can pop it into any computer and search the actual contents of the thousand-odd files. How good is that?

Following the huge popularity and success of last year's NEXUS Conference, I am already making plans for this year's. So far I can announce that the 2008 NEXUS Conference will be held over 4–5–6 October at Novotel Twin Waters Resort on the beautiful Sunshine Coast of southeast Queensland, Australia. Apart from a line-up of the usual high-quality speakers and presentations, two of the major attractions at the conference this year include the Mitchell-Hedges Crystal Skull and someone coming out from Russia to speak about the Ringing Cedars phenomenon.

For those Australians who don't know what the Mitchell-Hedges Crystal Skull is, I consider it *the* skull of skulls, in terms of how it ranks in both mystery and beauty against all the thousands of crystal skulls out there for sale or display. For the past decade or so, this enigmatic skull has been less visible to the public than in earlier times, but this year will see the skull travelling around the world so that people can share in its majesty and mystery. For those who don't understand why this skull is different or mysterious, we have started a series of articles by Philip Coppens about the skull. If you live in Australia, make sure you get to see it; it will be a once-in-a-lifetime chance. If the NEXUS articles don't inspire your interest, then I'm sure the new *Indiana Jones* movie will do the trick.

In this issue, we have yet more great articles, including on the important issue of pre-emptive nuclear strikes. This is basically the concept whereby if you think someone is going to be a threat to your safety, you neutralise that person or country *before* they move against you. Now, we know that the "war on terror" is a complete hoax and is just a screen to mask the greatest resource rush by the superpowers that the world has ever seen, but the possibility of pre-emptive strikes with nuclear weapons is taking it to a new level of madness. Please, if you have a pen or a phone or an email account, tell your national leaders that the concept of pre-emptive strikes is wrong and should be banned!

One of the other articles I want to draw to your attention is about the Naadi Palm Leaf Readers of India. I had heard of this mysterious phenomenon many years ago when an ex-assassin I was interviewing revealed to me that the main reason for his "change" away from killing people for Her Majesty's Secret Service was that while he was in India he had his palm leaf found and read. Its accurate contents literally freaked him out! This was a rational, methodical, science-believing person who encountered something that most consider impossible—and it changed his life completely. Fascinating stuff!

On a final note, I'd like to take this opportunity to thank all of our advertisers for their support, especially one of our longest-running advertisers, Mr Joshua Shaw of Bionic Products. For those of you who haven't noticed his adverts in the last 15 years of NEXUS, he is the inventor/manufacturer of the Elanra therapeutic ionisers (which I can thoroughly recommend). Josh has just turned seventy and is offering a special deal on his ionisers for readers of NEXUS in all countries and languages (see his ad inside this issue). Happy birthday, Josh!

Duncan

WARRANTY AND INDEMNITY

Advertisers upon and by lodging material with the Publisher for publication or authorising or approving of the publication of any material INDEMNIFY the Publisher and its servants and agents against all liability claims or proceedings whatsoever arising from the publication and without limiting the generality of the foregoing to indemnify each of them in relation to defamation, slander of title, breach of copyright, infringement of trademarks or names of publication titles, unfair competition or trade practices, royalties or violation of rights or privacy AND WARRANT that the material complies with all relevant laws and regulations and that its publication will not give rise to any rights against or liabilities in the Publisher, its servants or agents and in particular that nothing therein is capable of being misleading or deceptive or otherwise in breach of the Part V of the Trade Practices Act 1974. All expressions of opinion are published on the basis that they are not to be regarded as expressing the opinion of the Publisher or its servants or agents. Editorial advice is not specific and readers are advised to seek professional help for individual problems. The publisher reserves the right to refuse any advertising material for any reason. © NEXUS New Times 2007–2008

Letters to the Editor ...

Tsunami Due for Australia

Hello Duncan: Reading the latest issue of NEXUS, I note that it appears that 2012 is the year of reckoning for the Earth. It may be of interest to your readers to know that in the late 1990s, whilst I was a councillor for a large coastal city council, we held a confidential meeting to discuss the plans for the evacuation of the city.

The meeting was informed that a huge tsunami was overdue to hit the east coast of Australia and that this was not an infrequent event. In fact, we were informed that this occurred on a 200-year cycle, the last being not long before Cook visited in 1770, hence we are overdue. The tsunami is calculated to have had waves at least one kilometre in height. Evidence of these events, we were told, comes from Bulli Pass at Wollongong, NSW. Rocks have been found on top of Bulli Pass that had been thrown out of the ocean over the years.

We were further informed that if this event happens again, and it will, then 70 per cent of the population of Australia will be wiped out. The wave will affect the entire east coast of Australia.

Needless to say, I was not long in moving west of the Divide.

Yours sincerely,

[Name withheld on request.]

New Light on Olmec Heritage

Dear Duncan: Each issue of your magazine is a must read for me. And as a Black man of Nubian descent, I find that some of your articles have greater relevance than others.

Regarding your article "The Mystery of the Olmec Civilisation" (volume 15, no. 1), I sensed a thematic thread that I too often see from scientists and historians investigating ancient (Black) societies and civilisations, and that is the tendency to dance around an apparent conclusion about the Black presence in antiquity as well as about the progenitor of civilisations and masters of

science. It is easier, for example, to speak definitively on extraterrestrial involvement and at times even ghosts than to admit that melanin-dominant Black people were the ancient Egyptians and Olmecs.

The Olmecs, as the article correctly pointed out, is a name given to them by a cultural group unrelated to them. The Olmecs are Kemtian, Tamareian or Egyptian people with dark skin, fat lips, fat noses, tightly curled hair, broad shoulders—otherwise, melanin dominant. They did not call themselves Rubber People, as the name Olmec signifies. This would be silly. So who were/are they?

As you and your readers know, in the early stages of Earth's formation it was all one continent surrounded by water. This continent was given the name Pangaea by the Greeks, which means "whole Earth".

The first humans to emerge from the evolutionary mix on this planet were melanin-dominant people and they averaged four feet [1.22 metres] in height and were called the Twa People by some historians and Pygmies by people of Caucasian descent. Of course, they had their own name. These people and their ancestors gave birth to what is popularly called the Egyptian civilisation.

The time period we are speaking about is hundreds of millions of years ago, and there is an excellent textbook titled *Forbidden Archeology* which speaks of archaeological findings suggesting human civilisation is at least a few billion years old! But back to my story, which is your mystery.

Some of these early humans decided to visit and vacate to other parts of Pangaea. In their language, the word for "to visit" and "to vacate", as in vacation, is *at lan*. Some later historians put the words together, along with a language denotation, and called them and this new place Atlantis and Atlanteans. While these early humans were visiting this land, Pangaea separated into

what we call continents today. So these people called Twa, Pygmies, etc. are the original inhabitants of the western hemisphere and as such are Native Americans.

Keep in mind that "native" simply means "someone born in a particular place". It does not mean "first" or "original". So there are many Native American cultural groups, but only one group is indigenous to the western hemisphere and they are what your article termed Olmecs. We refer to ourselves as the Yamasee or the Gentle People.

Respectfully,

James H., USA

Miracle Mineral Supplement

Hi Duncan: Many thanks for your wonderful article on Jim Humble's Miracle Mineral Supplement in your Feb-Mar 2008 issue [vol. 15, no.2]. You will be pleased to know I am a living testimony to its efficacy!

In July 2007 I was diagnosed with prostate cancer with a PSA (prostate specific antigen) of 8.4. In October 2007 it had climbed to 9.2. I was obviously headed for trouble, so I decided to give MMS a try. Three months later, in January 2008, the PSA was down to 6.2!

Yes, I did other things with diet and supplements but it was the MMS that did the trick. Please spread the word quickly before the government shuts this down as it did with laetrile.

Regards,

David G.

NEXUS PDFs on DVD

Greetings! I was wondering if you would ever consider having a subscription to your magazine as an emailed PDF file? Also, have you ever considered putting all of your back issues on discs in PDF format and selling them to current subscribers? It would save a ton of paper and be very useful to researchers.

I just love NEXUS and would like to get all of your back issues on disc and be willing to pay hundreds of dollars to get them. They are *that* valuable.

Just a thought, and thanks so much for making this one of *the best* mags out there.

Best wishes,

George Z., Bellingham, USA

[Well, George, you'll be pleased to learn that I have been spending weeks of late nights doing exactly this. I've been going back and turning all the back issues into text-searchable PDF files. We are going to put them all onto a DVD which is being announced for sale in this issue. All these files can be purchased individually as PDF downloads from our new website. See the editorial for more details. Ed.]

Time Lines and Distortions

Dear Duncan: I can understand time lines as the variable of time between mass in different terrestrial bodies [NEXUS vol. 15, no. 1].

But when it comes to why, it becomes extremely intellectual. It is surprising that all the great minds never assigned mechanics to the function of gravity. Is it because one of the greatest told them that "for every action there is an equal and opposite reaction"?

Check out www.agspri.com and you'll find there is an exception. With this in mind, rotational momentum can be converted into linear momentum. If this happens to the bound-state electrons with their force centre Earth-directed, every atom becomes an independent power unit of gravity. Let's consider that is possible!

To advance this thought, we change the conventional connection of time and space to time and *confined* space—that is, the space between the nucleus and the bound-state electrons of an atom, where, by the electron radius and the electron speed of *c*, Niels Bohr calculated the frequency of an atom.

If we call planet Earth base one and multiply every unit concerned in this effort by 1, then we have: frequency x 1 = gravity x 1 = length x 1 = volume x 1 = time x 1.

... more Letters to the Editor

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

To work out the condition (time lines) of another solid planet with twice the power of gravity compared to base one (Earth), we have: frequency $\times 2 = \text{gravity} \times 2 = \text{length} / 2 = \text{volume} / 8 = \text{time} / 8$.

Using bound-state electron velocity as a definition of time exponentially from base one (Earth), we can calculate into the aeons of the universe.

When it comes to why, see AGSPRI's website.

Gunther K. H. Pfrengle, NSW, Australia, <http://www.agspri.com>

FireStorm vs Pulstar

Dear Duncan: In answer to your query, there has been no progress toward production of the FireStorm spark plug [see NEXUS 12/02 and 14/05].

However, I recently found an even better spark plug called Pulstar. One of my friends has a Chevy Suburban 4x4 and is seeing between 40 to 60 per cent better mileage per gallon due to the Pulstar's million watts of power. This is important, as the price of gas [petrol] is heading to \$4.00 per gallon in the US very soon.

The Pulstar's pulse power technology is far superior to that of the FireStorm. You will be amazed at the change in your engine! I have more info at www.unicusmagazine.com/pulstars.htm. Use my last name, "STANLEY", to get a 10 per cent discount. Pulstar gives your engine more power, more miles per gallon and less pollution without your having to change your air/fuel ratio or add a racing coil to the ignition system.

Also, a few months ago I was introduced to a new automotive product that will allow any gas- or Diesel-powered engine to run more smoothly and efficiently with far less pollution. After researching the electrochemical properties behind this ceramic product and speaking with individuals in the company and their clients, I tried it on one of my own vehicles. Wow! Not only do the engine and transmission run smoother and

more powerfully, the exhaust is cleaner and I didn't have to change or add any mechanical parts. I was so impressed with this product that I signed up and became an independent distributor. This product is not sold in stores and is only available through referrals.

If you are interested, please take the time to visit the manufacturer's website at <https://secure.cermatechnology.com/referral/11170>.

Best wishes,
Robert Stanley, Manhattan Beach, California, USA

Cause of Disappearing Bees

Dear Duncan: It is my belief that our bees are about to disappear forever; and along with them, our forests, biodiversity, food supply, economy and population will all be destroyed forever.

There is substantial evidence to show that pollen from plants genetically modified (GM) with *Bacillus thuringiensis* (Bt) is the cause of colony collapse disorder (CCD) of bees around the world.¹

Pollen from Bt-engineered plants causes an immune response in bees² and "an immune response...affects...memory formation" in bees.^{3,4} Bees lose their memory and thus forget where the beehive is located. Hence, the bees disappear. No bees means no food. Like cane toads and fire ants, GM pollen can never ever be recalled.

1. Spiegel Online International, March 22, 2007
2. PMID: 9878101, *Cell Biol. Int.* 1998; 22(2):137-44
3. PMID: 14667337, *Proc. Biol. Sci.* 2003 Dec 7; 270(1532): 2471-73
4. PMID: 16084688, *Brain Behav. Immun.* 2006 Mar; 20(2): 135-58

Peter O., Goonengerry, NSW, Australia

NEXUS Retrospective Request

Hi, Duncan. Yes, it's that time again—the last Thursday of the [second] month when I eagerly dash down to the newsagency to

pick up my beloved NEXUS! I've been doing this since 1994 and will continue to do so as long as I am able. NEXUS has become such a part of my life, and for that I thank you.

Now, it hit me today, as I was reading your latest editorial, that what I have never read (though you have hinted at over the years) are all the wild and wacky stories that you could share in regard to the production of your magazine.

I am sure there must be at least a three-part story to be told in regard to the people you have dealt with and the stories that you have wanted to tell but for whatever reason decided not to or just simply couldn't! (If I remember correctly, there was to be a story by an Australian inventor of a water-powered car that was pulled because he and his family were threatened with death if he let you publish it...)

So, how about it, Duncan? Indulge us with a retrospective by you, for all your loyal readers, sharing with us the roller-coaster ride that has been the production of NEXUS Magazine over the years. I, for one, would be really interested to read it.

Keep up the good work and thank you for the richness and information that you have

provided me over many years.

Kind regards,
John C., Melbourne, Victoria, Australia

[Dear John: Thanks for your kind words. Yes, there have been dramas and there's been lots of fun, but mostly it is just many long hours working late into the night. As for the juicy stuff, well, I'd have to wait for various people to die before I could tell those tales. Ed.]

Praise for Somerville Cartoon

Oh, Mr Somerville, you have excelled yourself with the cartoon on page 29 of NEXUS volume 15, number 2. It is your best yet, and very courageous! Courageous, too, of the editor to publish it. A spit in the eye—great stuff!

I worked as a physio and lost my career 20 years ago due to poisoning from aldehyde—used for sterilising, and present in damaging amounts in air conditioners and also in open trays of instruments being sterilised.

David, Australia
[Thanks, David. I agree with you regarding the Somerville cartoon. For those who missed it, I've decided to run it again; see below. Ed.]



THE OIL FACTOR IN KOSOVO INDEPENDENCE

On 17 February 2008, Kosovo broke away from Serbia and declared its independence. Not surprisingly, it was instantly recognised as a state by the USA, Germany, UK and France. With 4,203 square miles of area, Kosovo may be a tiny territory but in the great game of oil politics it holds great importance which is in inverse proportion to its size.

Kosovo does not have oil, but its location is strategic because the trans-Balkan pipeline—known as the AMBO pipeline, after its builder and operator, the US-registered Albanian Macedonian Bulgarian Oil Corporation—will pass through it.

The pipeline will pump Caspian oil from the Bulgarian port of Burgas via Macedonia to the Albanian port of Vlora, for transport to European countries and the United States. Specifically, the US\$1.1 billion AMBO pipeline will permit oil companies operating in the Caspian Sea to ship their oil to Rotterdam and the East Coast of the USA at substantially less cost than they are experiencing today.

When operational by 2011, the pipeline will become a part of the region's critical East-West corridor infrastructure which includes highway, railway, gas and fibre-optic telecommunications lines.



A US Trade and Development Agency paper published May 2000 assesses that the pipeline is a US strategic interest. According to the paper, the pipeline will provide oil and gas to the US market worth \$600 million a month, adding that the pipeline is necessary because the oil coming from the Caspian Sea will quickly surpass the safe capacity of the Bosphorus.

In November 1998, Bill Richardson, the then US Energy Secretary, spelt out his policy on the extraction and transport of Caspian oil. "This is about America's energy security," he explained. "It's also about preventing strategic inroads by those

who don't share our values. We're trying to move these newly independent countries toward the West."

This leaves little doubt that the war in the former Yugoslavia was fought solely in order to secure access to oil from new and biddable states in Central Asia.

It is obvious that the former Yugoslavia, especially Serbia, was a serious problem for the realisation of the plan.

The intervention in Kosovo and Metohija was carried out in order to please Albania, whose port of Vlora is the ultimate destination of the pipeline.

(Source: Uruknet, 24 February 2008, www.uruknet.info?p=41436)

DEATH TOLL RISES FROM GARDASIL HPV VACCINE

Judicial Watch, the US public interest group that investigates and prosecutes government corruption, recently released documents obtained from the US Food and Drug Administration (FDA) under the provisions of the Freedom of Information Act, detailing as many as 11 deaths related to Merck's HPV vaccine Gardasil®. Those deaths occurred between 8 June 2006—when the vaccine received FDA approval—and August 2007, when the latest data were available.

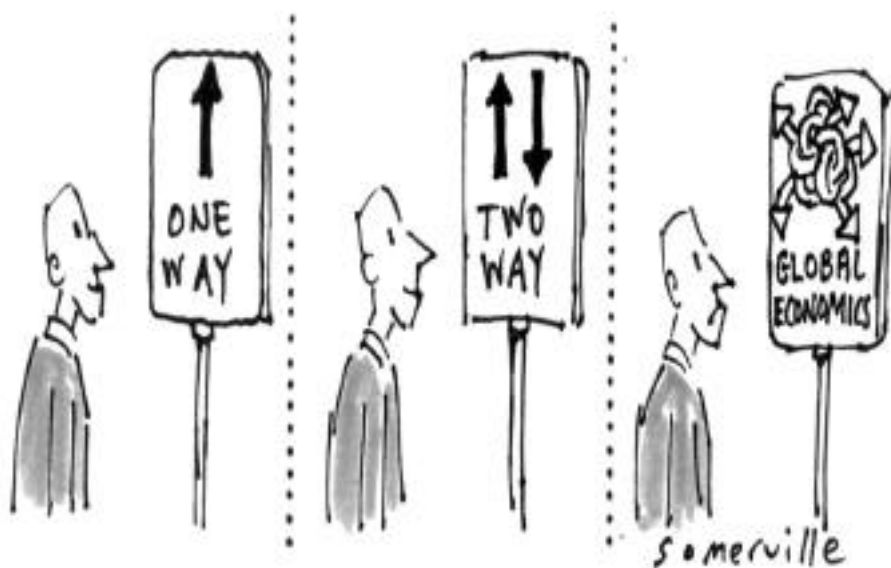
The documents reveal that reports of adverse reactions from the HPV vaccine, given to girls at least as young as twelve, are increasing daily at an alarming rate.

According to a report by LifeSiteNews, which scanned a publicly available database of adverse effects from the HPV vaccine, 3,137 adverse effects were reported to 28 September 2007. Many of the cases were deemed "life threatening" and required hospitalisation.

In one case highlighted by Judicial Watch, a seventeen-year-old girl who was vaccinated in June 2007 died the very day she was vaccinated. According to the report, she "was vaccinated with a first dose of Gardasil".

Other reported serious side-effects associated with the Gardasil HPV vaccine include paralysis, Bell's palsy, Guillain-Barre syndrome and seizures.

(Source: LifeSiteNews.com, 5 October 2007, <http://www.lifesite.net/ldn/2007/oct/07100507.html>; also see the Judicial Watch website, <http://www.judicialwatch.org/>)



NEW YORK SUES MERCK OVER VIOXX FRAUD

The city and state of New York have filed a joint lawsuit against Merck & Company for deliberately concealing the dangers of its painkiller, Vioxx®, thereby defrauding public health programs out of millions of dollars in prescription costs.

The New York Supreme Court will decide whether Merck defrauded New York's Medicaid and Elderly Pharmaceutical Insurance Coverage (EPIC) programs. The plaintiffs say that if doctors had known the risks posed by Vioxx, they would never have prescribed the drug, and state agencies would never have paid out US\$100 million to Merck for the product. They are asking the court to force Merck to pay back all of that money.

New York is the seventh state to file such a lawsuit against Merck. More than 25,000 lawsuits have been brought against the company to date for its alleged malfeasance in covering up the dangers of Vioxx.

The city of New York also has a lawsuit pending in Federal Court against 44 pharmaceutical companies including Merck, in which it alleges that the companies artificially inflated the prices of their products, thereby defrauding the city's Medicaid program.

[Editor's Note: Merck is also the manufacturer of the HPV vaccine, Gardasil.]

(Source: *Natural News*, 15 February 2008, <http://www.naturalnews.com/022653.html>)

AMERICAN FORCES IMPLICATED IN EXPORT OF AFGHAN OPIUM

Russian state-controlled Channel One RTV recently broadcast a report containing allegations that US forces are involved in drug-trafficking from Afghanistan to Europe. The report also highlighted the problem of drug abuse in the British Army, as revealed in a BBC news website story, published on 14 December 2007, stating that the British are losing a whole battalion of troops a year because of drug abuse.

The channel's weekly news roundup *Voskresnoye Vremya* noted on 10 February that, according to the United Nations, the amount of opium being produced in Afghanistan has more than doubled since the coalition troops entered the country.

Aleksandr Mikhaylov, the head of the

department of interdepartmental and informational activity at the Russian Drug Control Agency, was shown saying that economic measures to tackle the problem are foundering on local corruption. "The local authorities draw up seriously forged lists in which an amount is recorded for the amount destroyed and, in fact, the crop has not been destroyed at all. The theft of the money to combat narcotics is going on and is flourishing," he said.

The accusation that US forces are involved in drug-trafficking came from Geydar Dzhemal, chairman of the Islamic Committee of Russia. "Without the control and connivance on the part of the special services, none of these things are possible. For example, in Afghanistan, the CIA and the special services are quite brazen. Under the protection of the American army, they meet the necessary people. They collect the stuff, go to the Bagram Air Base and they hand in a large consignment of narcotics, which is then taken away," he said.

The report went on to say that heroin reached the Balkans via Turkey, which "has been a member of NATO since 1952 and is the USA's closest ally in the region". It said it is "another amazing coincidence" that Kosovo hosts the largest NATO base in Europe. The correspondent added that there is a "secret Interpol post" next to this base. "Here they speak almost openly about Afghan heroin in American planes," he noted.

A man captioned as "Marko Nicovic, Interpol employee" explained that 90 per

cent of heroin goes through the Albanian mafia, which is now more powerful than the Sicilian mafia. He also alleged that members of this mafia bribed European parliamentarians to support the independence of Kosovo.

The report went on to link growing levels of drug-related crime in Russia with the US invasion of Afghanistan.

(Source: *Signs Of The Times*, *SOTT.net*, February 2008, <http://tinyurl.com/2yyqo5>; also see <http://news.bbc.co.uk/1/hi/uk/7144490.stm>)

PRISON NUMBERS SOAR IN USA

More than one in 100 adults in the United States is in jail or prison—an all-time high that is costing state governments nearly US\$50 billion a year and the federal government \$5 billion more.

With more than 2.3 million people behind bars, the United States leads the world in both the number and percentage of residents it incarcerates, leaving far-more-populous China a distant second, according to a study by the nonpartisan Pew Center on the States. The growth in prison population is largely because of tougher state and federal sentencing imposed since the mid-1980s. Minorities have been particularly affected.

The study also documents the trade-offs that state governments have faced as they devote larger shares of their budgets to house these prisoners. For instance, some states now spend as much as or more on corrections as on higher education.

Despite reaching its latest milestone, the



nation's incarcerated population has been growing more slowly since 2000 than it did during the 1990s. Because of these policy shifts, the nationwide prison population swelled by about 80 per cent from 1990 to 2000, increasing by as much as 86,000 a year.

By contrast, from 2007 to 2008, that population increased by 25,000—a rise of two per cent.

(Source: Washington Post, 29 February 2008, <http://tinyurl.com/2nqsmz>)

NEW TEST MAY PUT AN END TO DEADLY MAMMOGRAMS

American scientists are developing a breast cancer screening test that checks a woman's saliva for evidence of the disease. They say they've identified 49 proteins in saliva that can actually distinguish healthy women from those with benign breast tumours and those with malignant breast tumours.

According to Charles Streckfus, a professor at the University of Texas Dental Branch at Houston: "Breast cancer triggers a change in the type and amount of proteins in the secretions from the salivary glands."

And sure enough, when the researchers tested a group of 30 women—10 healthy, 10 with benign tumours and 10 with malignant tumours—the protein patterns were found to be different in all three groups. If this is true, it could finally put an end to what a growing number of people consider the most dangerous method of breast cancer screening: the mammogram procedure.

Severe compression of the breast (such as the kind that occurs during a mammography procedure) can lead to microscopic tissue ruptures, even in the tissue of the tumour. This tear can actually create a "leak" in the tumour, which allows the malignancy to spread and cause an acceleration of the cancer—and an earlier death.

Every doctor knows that breast lumps should be handled with a great degree of care, because handling them roughly could cause such a rupture. It's something that's drilled into your head in med school (or at least it was back in my day).

Any woman who has experienced a mammogram procedure knows that it squashes the breast pancake-flat until it hurts—hardly what I'd call "handling with care".

(Source: William Campbell Douglass II, MD, *The Douglass Report*, 9 February 2008, <http://tinyurl.com/34blpn>)

BEWARE OF THEFT VIA RFID-ENABLED SMART CARDS

Adam Laurie, an RFID security expert, Aused the Black Hat DC 2008 conference in Washington, DC, to demonstrate a new Python script he's working on to read the contents of smart-chip-enabled credit cards.

As part of his presentation, Laurie asked for someone from the audience to volunteer a smart card. Without taking the card out of the volunteer's wallet, Laurie both read and displayed its contents on the presentation screen—the person's name, account number and card expiration date clearly visible.

Demonstrations like that show the potential misuse of RFID technology in the near future. Without touching someone, a thief could "sniff" the contents of an RFID-enabled credit card just in passing. The same is true for embedded RFID chips in the human body, work access badges, some public transit cards, and the new passports in use in more than 45 countries.

The credit card industry has argued that use of the RFID-enabled cards will save customers time when processing payments. An extreme example can be found in Spain. Laurie said a public beach there encourages visitors to have RFID tags injected into their bodies. The point? Merchants along the beach scan your wrist to obtain a unique ID from which they can debit your account. The advantage? You won't have to go to the beach with your wallet, which might get stolen.

Laurie, who has an injected RFID tag, showed how easy it is not only for the tag to be read but also to be rewritten. During his demo, he used the coding sequence reserved for animal tagging to have his RFID chip declare him an animal.

On his RFIDiot.org website, Laurie offers the Python scripts free of charge and also sells the hardware necessary to read and write to RFID tags and cards.

(Source: CNET News.com, 21 February 2008, <http://tinyurl.com/2jsfqt>)

DNA'S TELEPATHIC PROPERTIES?

DNA has been found to have the bizarre ability to put itself together, even at a distance, when according to known science it shouldn't be able to.

Explanation: none—at least not yet.

Scientists are reporting evidence that, contrary to our current beliefs about what is possible, intact double-stranded DNA has the "amazing" ability to recognise similarities in other DNA strands from a distance. Somehow they are able to identify one another, and the tiny bits of genetic material tend to congregate with similar DNA.

The recognition of similar sequences in DNA's chemical subunits occurs in a way unrecognised by science. There is no known reason why the DNA is able to combine the way it does, and from a current theoretical standpoint this feat should be chemically impossible.

Even so, the research published in the *ACS Journal of Physical Chemistry B* shows very clearly that homology recognition between sequences of several



hundred nucleotides occurs without physical contact or presence of proteins. Double helixes of DNA can recognise matching molecules from a distance and then gather together, all seemingly without help from any other molecules or chemical signals.

"Amazingly, the forces responsible for the sequence recognition can reach across more than one nanometre of water separating the surfaces of the nearest neighbour DNA," said the authors Geoff S. Baldwin, Sergey Leikin, John M. Seddon, Alexei A. Kornyshev and colleagues.

(Source: *DailyGalaxy.com*, 6 February 2008, <http://tinyurl.com/2enjtk>)

MYSTERY "HORIZONTAL" HUM PUZZLES GEOLOGISTS

Listen closely, and you'll hear the Earth humming—in not just one note but two. The source of this second signal is a mystery. For around a decade we've known about Earth's quiet "vertical" hum, probably caused by the steady thumping of deep waves on the ocean floor. Now a team in Germany has discovered a "horizontal" note, and nobody knows what's causing this new signal.

Dieter Kurrle and Rudolf Widmer-Schnidrig of the University of Stuttgart in Germany studied 11 years of data from seismometers at four isolated locations in Germany, Japan and China. The seismometers were designed to detect minute horizontal motion in parallel to the Earth's surface.

They found evidence of a "horizontal" signal at all four stations. The signal migrates by around one micrometre one way or the other every three minutes or so, and its horizontal orientation distinguishes it from Earth's "vertical" oscillation.

Though certain events such as earthquakes, volcanoes and large storms seem to amplify this constant signal, the source is a mystery.

"Something entirely new to us is causing this hum," says Spahr Webb of the Lamont–Doherty Earth Observatory in New York, who studied the original hum.

At the American Geophysical Union annual meeting last December, David Thomson of Queens University in Canada and Frank Vernon of the Scripps Institution of Oceanography, California, told researchers that the new hum is synchronised with variations in the Sun's magnetic field.

(Source: *NewScientist.com*, 23 February 2008, <http://tinyurl.com/2ojs86>)

CHRISTIAN FUNDAMENTALISM AS AN INSTRUMENT OF US MILITARY DOCTRINE

by Khody Akhavi © 2008

The US Air Force Academy in Colorado Springs recently came under heavy criticism from Muslim and religious freedom advocacy groups after it invited to a conference three self-professed "former terrorists" with strong links to the Christian right. Collectively known as the "3-X Terrorists", Walid Shoebat, Kamal Saleem and Zachariah Anani are frontline soldiers in the US "culture wars", a discursive battle over "values" and hot-button issues ranging from abortion to radical Islam.

The men collected US\$13,000 for their appearance at the 50th annual Academy Assembly, a four-day conference attended by 200 international students and Air Force cadets and organised under the auspices of the school's political science department.

To supporters, the 3-X represent "moderate" voices; they are self-professed Muslim extremists who converted to evangelical Christianity and are now "exposing Islam for what it really is". To critics, they are frauds, accused of fabricating much of their past exploits as mass murderers in order to peddle their Islamophobia on the lecture circuit and on cable news networks, including Fox News and CNN.

But it is their relationship with political leaders and organisations across the right-wing Christian spectrum that seems to have elicited the greatest concern from critics.

"These men are frauds, but that is not the point. They are part of a dark and frightening war by the Christian right against tolerance that, in the moment of another catastrophic terrorist attack on American soil, would make it acceptable to target and persecute all Muslims," wrote former *New York Times* reporter Chris Hedges in a widely circulated online essay. "They offer a window into a worldview that is destroying the United States. It has corrupted the Republican Party. It has colored the news media. It has entered into the everyday clichés we use to explain ourselves to ourselves. It is ignorant and racist, but it is also deadly," he said.

The relationship between the evangelical Christian right and 3-X runs deep, with connections to Reverend John Hagee's Christian–Zionist Christians United For Israel (CUFI) as well as Focus on the Family, part of the para-church organisations that promote social conservative public policy in the US and which have maintained close relations with the George W. Bush administration.

Walid Shoebat claims to be a former Palestinian Liberation Organization operative who attacked Jews, planted bombs in Israel, and in 1993 converted to Christianity. He released a book in 2007 entitled *Why We Want to Kill You*, and appeared in a purported documentary film called *Obsession: Radical Islam's War Against The West*.

The film was marketed in part by self-described "pro-Israel" groups, and featured interviews with Harvard law professor Alan Dershowitz, dubious "investigative journalist" Steve Emerson, Itamar Marcus of the Israel-based Palestinian Media Watch, and Daniel Pipes, a controversial scholar of mediaeval Islamic history.

Kamal Saleem, who runs an organisation called Koome Ministries, said he was indoctrinated by the PLO as a child and ran weapons into Israel via underground tunnels underneath the Golan Heights. But analysts argue there are no accounts of such incidents. Saleem also claimed to be descended from the "grand wazir of Islam"—a nonsensical term that Saleem has rebutted on his website.

The Koome Ministries website is quite clear on its purpose: first, to wake up, educate and train the Christian and Jewish communities on the impending dangers of radical Islam; second, to reach Muslims with the redemptive message of Christ; and third, to teach the Church "relationship evangelism" in order to reach Muslims with the Truth. The site asks visitors to pray for specific Muslim nations and provides videos of indigenous groups that are "ripe for the gospel".

Zachariah Anani claimed to have killed at least 223 people as a Lebanese militant during the early 1970s and was "almost beheaded" for converting to Christianity. A 2007 report in the Canadian *Windsor Star* cast doubts on his jihadi past. According to Tom Quiggin, a Canadian court-qualified expert of global jihadism, some of Anani's accounts did not correspond with actual historical events. "Mr Anani is not an individual who rates the slightest degree of credibility, based on the stories that he has told," said Quiggin, a senior fellow at the Centre of Excellence for National Security in Singapore.

(Source: by Khody Akhavi, *Inter Press Service News Agency*, 21 February 2008, <http://www.ipsnews.net/news.asp?idnews=41299>)

... GLOBAL NEWS ...

SOLAR CHANGES SPARK FEAR OF GLOBAL COOLING

In 1991, the Danish Meteorological Institute released a study using data that went back centuries which showed that global temperatures closely tracked solar cycles. To many, those data were convincing. Now, Canadian scientists are seeking additional funding for more and better "eyes" with which to observe our Sun, which they suspect has a bigger impact on Earth's climate than all the tailpipes and smokestacks on our planet combined.

And they're worried about global cooling, not warming.

Kenneth Tapping, a solar researcher and project director for Canada's National Research Council, is among those looking at the Sun for evidence of an increase in sunspot activity.

Solar activity fluctuates in an 11-year cycle. But so far in this cycle, the Sun has been disturbingly quiet. The lack of increased activity could signal the beginning of what is known as a Maunder Minimum, an event which occurs every couple of centuries and can last as long as a century.

Such an event occurred in the 17th century. The observation of sunspots showed extraordinarily low levels of magnetism on the Sun, with little or no 11-year cycle. This solar hibernation

corresponded with a period of bitter cold that began around 1650 and lasted, with intermittent spikes of warming, until 1715. Frigid winters and cold summers during that period led to massive crop failures, famine and death in northern Europe.

Tapping reports no change in the Sun's magnetic field so far this cycle, and warns that if the Sun remains quiet for another year or two it may indicate a repeat of that period of drastic cooling of the Earth, bringing massive snowfall and severe weather to the northern hemisphere.

Tapping oversees the operation of a 60-year-old radio telescope that he calls a "stethoscope for the Sun". But he and his colleagues need better equipment.

In Canada, where radio-telescopic monitoring of the Sun has been conducted since the end of World War II, a new instrument—the next-generation solar flux monitor—could measure the Sun's emissions more rapidly and accurately.

For instance, researchers at the Max Planck Institute for Solar Research in Germany report the Sun has been burning more brightly over the last 60 years, accounting for the one degree Celsius increase in the Earth's temperature over the last 100 years.

R. Timothy Patterson, Professor of Geology and Director of the Ottawa-Carleton Geoscience Centre of Canada's Carleton University, says that "CO₂ variations show little correlation with our planet's climate on long, medium and even short time scales".

Rather, he says: "I and the first-class scientists I work with are consistently finding excellent correlations between the regular fluctuations of the Sun and earthly climate. This is not surprising. The Sun and the stars are the ultimate source of energy on this planet."

Patterson, sharing Tapping's concern, says: "Solar scientists predict that, by 2020, the Sun will be starting into its weakest Schwabe cycle of the past two centuries, likely leading to unusually cool conditions on Earth."

"Solar activity has overpowered any effect that

CO₂ has had before, and it most likely will again," Patterson says. "If we were to have even a medium-sized solar minimum, we could be looking at a lot more bad effects than 'global warming' would have had."

In 2005, Russian astronomer Khabibullo Abdusamatov made some waves—and not a few enemies in the global warming "community"—by predicting that the Sun would reach a peak of activity about three years from now, to be accompanied by "dramatic changes" in temperatures.

A Hoover Institution study a few years back examined historical data and came to a similar conclusion.

"The effects of solar activity and volcanoes are impossible to miss. Temperatures fluctuated exactly as expected, and the pattern was so clear that, statistically, the odds of the correlation existing by chance were one in 100," according to Hoover fellow Bruce Berkowitz.

The study says that "try as we might, we simply could not find any relationship between industrial activity, energy consumption and changes in global temperatures". The study concludes that if you shut down all the world's power plants and factories, "there would not be much effect on temperatures".

But if the Sun shuts down, we've got a problem. It is the Sun, not the Earth, that's hanging in the balance.

(Source: *Investor's Business Daily*, 7 February 2008, <http://ibdeditorial.com/IBDArticles.aspx?id=287279412587175>)

GREENHOUSE EQUATIONS DECLARED WRONG

Miklós Zágoni isn't just a physicist and environmental researcher. He is also a global warming activist and Hungary's most outspoken supporter of the Kyoto Protocol. Or was. That was until he learned the details of a new theory of the greenhouse effect, one that not only gives far more accurate climate predictions here on Earth but on Mars, too.

The theory was developed by another Hungarian scientist, Ferenc Miskolczi, an atmospheric physicist with 30 years of experience and a former researcher with NASA's Langley Research Center. After studying it, Zágoni stopped calling global warming a crisis, and instead focused on presenting the new theory to other climatologists.

"Runaway greenhouse theories contradict energy balance equations," Miskolczi states.



... GLOBAL NEWS ...

His story reads like a book. Looking at a series of differential equations for the greenhouse effect, he noticed that the solution—originally arrived at in 1922 by Arthur Milne, but still used by climate researchers today—ignored boundary conditions by assuming an "infinitely thick" atmosphere.

Similar assumptions are common when solving differential equations: they simplify the calculations and often end in a result that still very closely matches reality. But not always.

So Miskolczi re-derived the solution, this time using the proper boundary conditions for an atmosphere that is not infinite. His result included a new term, which acts as a negative feedback to counter the positive forcing. At low levels, the new term means a small difference—but as greenhouse gases rise, the negative feedback predominates, forcing values back down.

But NASA refuses to release the results. Miskolczi believes its motivation is simple. "Money," he tells DailyTech.

Research that contradicts the view of an impending crisis jeopardises funding, not only for his own atmosphere-monitoring project but for all climate change research. Currently, funding for climate research tops US\$5 billion per year.

Miskolczi resigned in protest, stating in his resignation letter: "Unfortunately my working relationship with my NASA supervisors eroded to a level that I am not able to tolerate. My idea of the freedom of science cannot coexist with the recent NASA practice of handling new climate change-related scientific results."

His theory was eventually published in a peer-reviewed scientific journal in his home country of Hungary. His conclusions are supported by research published in the *Journal of Geophysical Research* last year by Steven Schwartz of Brookhaven National Labs, who gave statistical evidence that the Earth's response to carbon dioxide was grossly overstated.

His equations also answer thorny problems raised by the current theory which doesn't explain why "runaway" greenhouse warming hasn't happened in the Earth's past. The new theory predicts that greenhouse gas increases should result in small, but very rapid temperature spikes followed by much longer, slower periods of cooling—exactly what the palaeoclimatic record demonstrates.

(Source: DailyTech.com, 6 March 2008, <http://tinyurl.com/2foo2k>)

ARCTIC SEA ICE RE-FREEZING AT RECORD PACE

The record melting of Arctic sea ice observed this last [northern] summer and fall led to a record-setting pace of re-freezing in November, according to the NASA Earth Observatory. Some 58,000 square miles of ice formed per day for 10 days in late October and early November—a new record.

The record melting of Arctic sea ice this last summer was widely viewed as a harbinger of global warming, though unusual wind patterns played a role and many factors affecting fluctuations in Arctic ice are poorly understood by scientists.

Here's how NASA explains the record re-growth of ice over that 10-day period in October and November. "Record sea ice growth rates after a record low may sound surprising at first, but it is not completely unexpected. The more ice that survives the summer melt, the less open water there is for new ice to grow. When summertime ice extent hits a record low, on the other hand, large areas of open water provide room for the ice to grow. While summer warming of the upper ocean surface can cause wintertime sea ice regrowth to lag initially, as the fall season progresses and sunlight weakens, the rate of energy loss from the ocean increases. That heat loss, coupled with a large area of open water, creates ideal conditions for sea ice to form rapidly over large areas."

(Source: *The Daily Green*, 12 December 2007, <http://tinyurl.com/2839cb>)

ANTARCTIC ICE LEVEL GROWS TO NEW HEIGHTS

The southern hemisphere (Antarctica) has quietly set a new record for most ice extent since 1979.

The southern hemispheric areal coverage is the highest in the satellite record, just beating out 1995, 2001, 2005 and 2006. Since 1979, the trend has been up for the total Antarctic ice extent.

While the Antarctic Peninsula area has warmed in recent years and ice near it diminished during the southern hemisphere summer, the interior of Antarctica has been colder and ice elsewhere has been more extensive and longer lasting, which explains the increase in total extent.

Indeed, according to NASA GISS data, the South Pole winter (June/July/August) has cooled about one degree Fahrenheit since 1957, and the coldest year was 2004. This winter has been an especially harsh one in the southern hemisphere, with cold and snow records set in Australia, South America and Africa.

In January, a paper appeared in *Geophysical Research Letters* entitled "A doubling in snow accumulation in the western Antarctic Peninsula since 1850". The article is by scientists with the British Antarctic Survey and the Desert Research Institute in Reno, Nevada, USA.

(Sources: *ICECAP, International Climate and Environmental Change Assessment Project*, 12 September 2007, <http://tinyurl.com/29e5lb>; *Geophysical Research Letters*, vol. 35, 12 January 2008)



"Mike, can you find the charger for me...that blue and green planet seems to be running down."

US-NATO PRE-EMPTIVE NUCLEAR STRIKE POLICY

The Pentagon and NATO have been plotting for years to have nuclear weaponry accepted as a first-strike option and as a means to protect "the Western way of life" from religious fundamentalists and terrorists.

by Michel Chossudovsky

© Centre for Research on
Globalization, Montreal, Canada
11 February 2008

Web page:
[http://www.globalresearch.ca/
index.php?context=va&aid=8048](http://www.globalresearch.ca/index.php?context=va&aid=8048)

Triggering a Nuclear Holocaust in the Middle East to Defend "the Western Way of Life"

"What the Western allies face is a long, **sustained and proactive defence of their societies and way of life**. To that end, they must keep risks at a distance, while at the same time protecting their homelands.

"International terrorism today aims to disrupt and destroy our societies, our economies and our way of life..." (pp. 42-43)

"These different sources of [Islamist] propaganda and/or violence vary in their intellectual underpinnings, sectarian and political aims... But what they have in common is **an assault on the values of the West**—on its democratic processes and its freedom of religion... Notwithstanding the common perception in the West, the origin of Islamist terrorism is not victimhood, nor an inferiority complex, but a well-financed superiority complex grounded in a violent political ideology...

"If the irrational and fanatical [Islamist organisations] get out of hand, there is a risk that...the rise of fundamentalisms and despotisms will usher in a new, illiberal age, in which the liberties that Western societies enjoy...are seriously jeopardised..." (p. 41)

"The threats that the West and its partners face today are a combination of violent terrorism against civilians and institutions, wars fought by proxy by states that sponsor terrorism, the behaviour of rogue states, the actions of organised international crime, and the coordination of hostile action through abuse of non-military means..." (p. 44)

(from "Towards a Grand Strategy for an Uncertain World: Renewing Transatlantic Partnership", Group Report by former defence chiefs of staff General (ret.) John Shalikashvili (USA), General (ret.) Dr Klaus Naumann (Germany), Field Marshal The Lord Inge (UK), Admiral (ret.) Jacques Lanxade (France) and General (ret.) Henk van den Breemen (The Netherlands), published by the Netherlands-based Noaber Foundation, December 2007, http://www.csis.org/media/isis/events/080110_grand_strategy.pdf; emphasis added)

The controversial NATO-sponsored report entitled "Towards a Grand Strategy for an Uncertain World: Renewing Transatlantic Partnership" calls for a first-strike use of nuclear weapons. The pre-emptive use of nukes would be utilised to undermine an "increasingly brutal world" and also as a means to prevent the use of weapons of mass destruction:

"They [the authors of the report] consider that **nuclear war might soon become possible in an increasingly brutal world. They propose the first use of nuclear weapons must remain 'in the quiver of escalation as the ultimate instrument to prevent the use of weapons of mass destruction'.**"

(Paul Dibb, "Nuclear Warfare Just Stepped Closer", *Sydney Morning Herald*, 11 February 2008, www.smh.com.au/articles/2008/02/10/1202578598972.html)

The group insists that **the option of a nuclear first strike is indispensable**, "since there is simply no realistic prospect of a nuclear-free world" (Report, p. 97):

"Nuclear weapons are the **ultimate instrument of an asymmetric response—and at the same time the ultimate tool of escalation**. Yet they are also more than an instrument, since they transform the nature of any conflict and widen its scope from the regional to the global...

"In sum, nuclear weapons remain indispensable, and nuclear escalation continues to remain an element of any modern strategy..."

"...Nuclear escalation is the ultimate step in responding asymmetrically, and at the same time the most powerful way of inducing uncertainty in an opponent's mind.

(Report, pp. 96-97; emphasis added)

The group's Report identifies six key "challenges" which may often result as potential threats to global security:

- **Demography.** "Population growth and change across the globe will swiftly change the world we knew. The challenge this poses for welfare, good governance and energy security (among other things) is vast."

- **Climate change.** "This greatly threatens physical certainty, and is leading to a whole new type of politics—one predicated, perhaps more than ever, on our collective future."

- **Energy security.** "Energy security continues to absorb us. The supply and demand of individual nations and the weakening of the international market infrastructure for energy distribution make the situation more precarious than ever."

- **Rise of the irrational.** "There is also the more philosophic problem of the rise of the irrational—the discounting of the rational. Though seemingly abstract, this problem is demonstrated in deeply practical ways. [These include] the decline of respect for logical argument and evidence, a drift away from science in a civilisation that is deeply technological. The ultimate example is **the rise of religious fundamentalism, which, as political fanaticism, presents itself as the only source of certainty.**"

- **Weakening of the nation state.** "This coincides with the weakening of world institutions, including the United Nations and regional organisations such as the European Union, NATO and others."

- **The dark side of globalisation.** "These [drawbacks] include internationalised terrorism, organised crime and the proliferation of weapons of mass destruction, but also asymmetric threats from proxy actors or the abuse of financial and energy leverage."

(Report, op. cit., pp. 14-15)

Deterrence and Pre-emption

According to the Report, a new concept of deterrence is required, directed against both state and non-state actors. This "new deterrence" is based on pre-emption as well as on the ability to "restore deterrence through [military] escalation". In this context, the Report contemplates what it describes as:

"...**escalation dominance**, the use of a full bag of both carrots and sticks—and indeed all instruments of soft and hard power, **ranging from the diplomatic protest to nuclear weapons.**"

(Report, op. cit., p. 96; emphasis added)

Iran: "a major strategic threat"?

In much the same terms as the Bush administration, the NATO-sponsored report states, without evidence, that Iran constitutes "a major strategic threat":

"An Iranian nuclear weapons capability would pose a major strategic threat—not only to Israel, which it has threatened to destroy, but also to the region as a whole, to Europe and to the United States. Secondly, it could be the beginning of a new multi-polar nuclear arms race in the most volatile region of the world."

(Report, op. cit., p. 45)

Careful timing? The controversial NATO-sponsored report calling for a pre-emptive nuclear attack on Iran was released shortly after the [November 2007] publication of the National Intelligence Estimate (NIE) report entitled "Iran: Nuclear Intentions and Capabilities". The latter denies Iran's nuclear capabilities. The NIE report, based on the assessments of 16 US intelligence agencies, refutes the Bush administration's main justification for waging a pre-emptive nuclear war on Iran. The NIE report confirms that Iran "halted its nuclear weapons program in 2003":

"These findings constitute a damning indictment of the Bush administration's relentless fear-mongering in relation to an alleged nuclear threat from Iran. They demonstrate that just as in the buildup to the war against Iraq five years ago, the

White House has been engaged in a systematic campaign to drag the American people into another war based on lies."

(Bill Van Auken, "NATO must prepare for nuclear first strike...", WWSWS.org, 24 January 2008)

It should be noted that this recently declassified intelligence (pertaining to Iran, contained in the 2007 NIE report) was known by the White House, the Pentagon and most probably NATO since September 2003. **Ironically, US military documents confirm that the**

Bush administration initiated its war preparations against Iran in July 2003, two months prior to the confirmation by US intelligence that Iran did not constitute a nuclear threat.

The July 2003 war scenarios were launched under TIRANNT—Theater Iran Near Term. The justification for TIRANNT as well as for subsequent US war plans directed against Iran (which as of 2004 included the active participation of NATO and Israel) has always been that Iran is developing nuclear weapons and plans to use them against us.

Following the publication of the NIE report, there has been an avalanche of media propaganda directed against Tehran, essentially with a view to invalidating the statements of the NIE concerning Tehran's nuclear program.

Moreover, a third sanctions resolution by the UN Security Council (UNSC) was initiated with a view to forcing Iran to halt uranium enrichment. The proposed UNSC resolution, which is opposed by China and Russia, includes a travel ban on Iranian officials involved in the country's nuclear programs and

"These findings constitute a damning indictment of the Bush administration's relentless fear-mongering in relation to an alleged nuclear threat from Iran."

inspections of shipments to and from Iran "if there are suspicions of prohibited goods" (AFP, 11 February 2008). Meanwhile, French President Nicolas Sarkozy and British Prime Minister Gordon Brown have been calling for a unified EU sanctions regime against Iran.

Contradicting the US National Intelligence Estimate, Bush's most recent speeches continue to portray Iran as a nuclear threat:

"I feel pretty good about making sure that we keep the pressure on Iran to pressure them so they understand they're isolated, to pressure them to affect their economy, to pressure them to the point that we hope somebody rational shows up and says, 'Okay, it's not worth it anymore.'"

Threat to "Western Way of Life"

The Western media are involved in a diabolical disinformation campaign, the purpose of which is to persuade public opinion that the only way to "create a nuclear-free world" is to use nuclear weapons on a pre-emptive basis, against countries which "threaten our Western way of life".

The Western world is threatened. The Pentagon/NATO-sponsored report, according to Paul Dibb, paints:

"...an alarming picture of the threats confronting the West, arguing that its values and way of life are under threat and that we are struggling to summon the will to defend them."

(Dibb, *ibid.*; emphasis added)

A pre-emptive nuclear attack—geographically confined to Middle East (minus Israel?)—is the proposed endgame. The attack would use US tactical nuclear weapons, which, according to "scientific opinion" (on contract to the Pentagon) are "harmless to the surrounding civilian population because the explosion is underground" (see Michel Chossudovsky, "The Dangers of a Middle East Nuclear Holocaust", *Global Research*, 17 February 2006).

B61-11 bunker-buster bombs with nuclear warheads reading "Made in America", with an explosive capacity between one-third to six times an Hiroshima bomb, are presented as *bona fide* humanitarian bombs which minimise the dangers of "collateral damage".

These in-house "scientific" Pentagon assessments regarding the mini-nukes are refuted by the Federation of American Scientists (FAS):

"Any attempt to use a [B61-11 bunker-buster nuclear bomb] in an urban environment would result in massive civilian casualties. Even at the low end of its 0.3–300 kiloton yield range, the nuclear blast will simply blow out a huge crater of radioactive material, creating a lethal gamma-radiation field over a large area."

(Robert W. Nelson, "Low-Yield Earth-Penetrating Nuclear Weapons", *FAS Public Interest Report*, Jan/Feb 2001)

The stated objective of a Middle East nuclear holocaust is "to prevent the occurrence of a nuclear war"—an insidious logic which certainly out-dwarfs the darkest period of the Spanish Inquisition...

A Diabolical Military Agenda

Professor Paul Dibb is a former Australian Deputy Secretary of Defence who, over the years, has also occupied key positions in Australia's defence and intelligence establishment. Dibb carefully overlooks the consequences of the use of nuclear weapons in a conventional war theatre. According to Dibb, NATO's pre-emptive nuclear doctrine, which replicates that of the Pentagon, constitutes a significant and positive initiative to "halt the imminent spread of nuclear weapons":

"They [the group] believe that the West must be ready to resort to a pre-emptive nuclear attack to try to halt the imminent spread of nuclear weapons."

(Dibb, *ibid.*; emphasis added)

Never mind the nuclear holocaust and the resulting radioactive contamination, which would spread worldwide and threaten, in a real sense, the "way of life". There is no "way of life" in a world contaminated with deadly radioactive material. But this is something that is rarely discussed in the corridors of NATO or in strategic studies programs in Western universities.

What is frightening in Professor Dibb's article is that he is not expressing an opinion, nor is he analysing the use of nuclear weapons from an academic research point of view. In his article, there is neither research on nuclear weapons nor an understanding of the complex geopolitics of the Middle East war. Dibb is essentially repeating verbatim the statements contained in NATO–Pentagon military documents. His article is a "copy and paste" summary of Western nuclear doctrine, which in practice calls for the launching of a nuclear holocaust.

The stated objective of a Middle East nuclear holocaust is "to prevent the occurrence of a nuclear war"—an insidious logic which certainly out-dwarfs the darkest period of the Spanish Inquisition...

Neither NATO nor the Pentagon uses the term "nuclear



holocaust". Moreover, they presume that the "collateral damage" of a nuclear war will in any event be confined geographically to the Middle East and that Westerners will be spared...

But since their in-house scientists have confirmed that tactical nuclear weapons are "safe for civilians", the labels on the bombs have been switched in much the same way as the label on a packet of cigarettes: "This nuclear bomb is safe for civilians".

Nukes: Just Another Tool in the Military Toolbox

The new definition of a nuclear warhead has blurred the distinction between conventional and nuclear weapons:

"It's a package [of nuclear and conventional weapons]. The implication of this obviously is that nuclear weapons are being brought down from a special category of being a last resort, or sort of the ultimate weapon, to being just another tool in the toolbox."

(*Japan Economic NewsWire*, 30 December 2005)

This re-categorisation has been carried out. The "green light" for the use of tactical nuclear weapons in the conventional war theatre has been granted by the US Congress. "Let's use them—they are part of the military toolbox."

We are at a dangerous crossroads: military planners believe their own propaganda. The military manuals state that this new generation of nuclear weapons is "safe" for use in the battlefield. These weapons are no longer weapons of last resort. There are no impediments or political obstacles to their use. In this context, Senator Edward Kennedy has accused the Bush administration of having developed a generation of "more 'usable'" nuclear weapons.

Russia and China Targeted

Who else constitutes a threat to "the Western way of life"? Nukes are also slated to be used against Russia and China, former enemies of the Cold War era. This post-Cold War logic was first revealed when the Pentagon's "Nuclear Posture Review" (NPR) was leaked to the *Los Angeles Times* in January 2002. The NPR includes China and Russia alongside the rogue states as potential targets for a first-strike nuclear attack. According to William Arkin, the NPR:

"...offers a chilling glimpse into the world of nuclear-war planners: with a Strangelovian genius, they cover every conceivable circumstance in which the president might wish to use nuclear weapons planning in great detail."

(*Los Angeles Times*, 10 March 2002)

"Decapitate their leadership..."

The use of nukes against "rogue states", including Iran and North Korea (which lost more than a quarter of its population in US bombings during the Korean War), is justified because these countries could act in an "irrational" way. It therefore makes sense to "take 'em out" before they do something irrational. The objective is: "decapitate their leadership and destroy their countries as functioning societies":

"One line of reasoning is that **so-called rogue states, such as**

Iran and North Korea, are sufficiently irrational to risk a pre-emptive nuclear strike on the US or its allies, such as Israel and South Korea.

"The supposition here is that deterrence—that is, threatening the other side with obliteration—no longer works. But even the nasty regimes in Tehran and Pyongyang must know that the **US reserves the right to use its overwhelming nuclear force to decapitate the leadership and destroy their countries as modern functioning societies.**"

(Dibb, *ibid.*; emphasis added)

Use nuclear weapons to prevent the use of weapons of mass destruction? But of course, lest we forget that America's nuclear arsenal as well as that of France, Britain and Israel are not categorised as "weapons of mass destruction" in comparison with

Iran's deadly nonexistent nuclear weapons program.

Bin Laden's Nuclear Program

Now comes the authoritative part of the Pentagon-NATO's pre-emptive doctrine: we need to use nukes against bin Laden because Islamic "fanatics" can actually fabricate nuclear weapons or buy them from the Russians on the black market.

The Report calls for a first-strike nuclear attack directed against Osama bin Laden's al-Qaeda, which has the ability, according to expert opinion, of actually producing small nuclear bombs which could be used in a

"Second 9/11" attack on America:

"The second line of reasoning [contained in the NATO-sponsored report] is **more difficult to refute. It argues that extreme fanatical terrorists, such as al-Qaeda, cannot be deterred because (a) they do not represent a country and therefore cannot be targeted and (b) they welcome death by suicide. So, we have to shift the concept of nuclear deterrence to the country or regime supplying the terrorists with fissile material.**

"Nuclear weapons require

materials that can be made only with difficulty. Once these materials are obtained by terrorists, however, the barriers to fabricating a weapon are much lower. In that sense the nuclear threat today is greater than it was in the Cold War and it seems the terrorists cannot be deterred."

(Dibb, *ibid.*; emphasis added)

The alleged nuclear threat by al-Qaeda is taken very seriously. The Bush administration has responded with overall defence spending (budget plus war theatre) in excess of one trillion dollars. This massive amount of public money has been allocated to financing the "Global War on Terrorism" (GWOT).

Confirmed by Pentagon documents, military hardware including aircraft carriers, fighter jets, cruise missiles and nuclear bunker-buster bombs is slated to be used as part of the GWOT. In military jargon, the US is involved in asymmetric warfare against non-State enemies.

We are at a dangerous crossroads: military planners believe their own propaganda. The military manuals state that this new generation of nuclear weapons is "safe" for use in the battlefield. These weapons are no longer weapons of last resort.

The "American Hiroshima"

The US media have the distinct ability to turn realities upside down. The lies are upheld as indelible truths. The "Islamic terrorists" have abandoned their AK-47 Kalashnikov rifles and *Stinger* missiles; they are not only developing deadly chemical and biological weapons, they also have nuclear capabilities. The fact, amply documented, that al-Qaeda is supported by the CIA and Britain's MI6 is beside the point. The nuclear threat is not directed against the Middle East but against the USA; the perpetrators and architects of nuclear war are bin Laden's al-Qaeda (a CIA "intelligence asset"), which is planning to launch a nuclear attack on an American city:

"US government officials are contemplating what they consider to be an inevitable and much bigger assault on America, **one likely to kill millions, destroy the economy and fundamentally alter the course of history...**

"According to captured al-Qaeda leaders and documents, the plan is called the 'American Hiroshima' and involves the **multiple detonation of nuclear weapons** already smuggled into the US over the Mexican border with the help of the MS-13 street gang and other organized crime groups."

(WorldNetDaily.com, 11 July 2005; emphasis added)

The *New York Times* confirms that an al-Qaeda-sponsored "American Hiroshima" "could happen":

"Experts believe that such an attack, somewhere, is likely."

(*New York Times*, 11 August 2004)

According to the Aspen Strategy Group, which includes, among others, Madeleine Albright, Richard Armitage, Philip D. Zelikow and Robert B. Zoellick, "the danger of nuclear terrorism is much greater than the public believes, and our government hasn't done nearly enough to reduce it":

"If a 10-kiloton nuclear weapon, a midget even smaller than the one that destroyed Hiroshima, exploded in Times Square, the fireball would reach tens of millions of degrees Fahrenheit. It would vaporize or destroy the theater district, Madison Square Garden, the Empire State Building, Grand Central Terminal and Carnegie Hall... The blast would partly destroy a much larger area, including the United Nations. On a weekday some 500,000 people would be killed."

(*New York Times*, 11 August 2004)

"Threaten them with a devastating [nuclear] attack"

According to Professor Dobb, nuclear deterrence should also apply in relation to al-Qaeda, by holding responsible the governments which help the terrorists to develop their nuclear weapons capabilities:

"But as Ashton Carter, a former US assistant secretary for defence has recently argued, the realistic response is to hold responsible, as appropriate, the government from which the terrorists obtained the weapon or fissile materials and **threaten them with a devastating [nuclear] strike**. In other words, deterrence would work again."

(Dobb, *ibid.*; emphasis added)

The real nuclear threat supposedly is coming from bin Laden. The objective is to "to do away with our way of life":

"None of this is to underestimate the impact of a nuclear weapon being detonated in an American city. It could be catastrophic, but it is highly unlikely to threaten the very survival of the US. To believe otherwise risks surrendering to the fear and intimidation that is precisely the terrorists' stock in trade.

"General Richard Myers, another former chairman of the joint chiefs of staff, has claimed that **if [Islamic] terrorists were able to kill 10,000 Americans in a nuclear attack, they would 'do away with our way of life'.** **But Hiroshima and Nagasaki incurred well over 100,000 instant deaths and that did not mean the end of the Japanese way of life.**"

(*ibid.*; emphasis added)

In an utterly twisted and convoluted argument, Professor Dobb transforms the US-NATO threat to wage a nuclear war on Iran into an al-Qaeda operation to attack an American city with nuclear weapons.

In an utterly twisted and convoluted argument, Professor Dobb transforms the US-NATO threat to wage a nuclear war on Iran into an al-Qaeda operation to attack an American city with nuclear weapons.

Dobb presents the US-NATO menace to trigger what would result in a Middle East nuclear holocaust as a humanitarian operation to save American lives. By implication, the al-Qaeda-sponsored "American Hiroshima" would be supported by Iran's President Mahmoud Ahmadinejad, and this in turn would immediately provide a just cause (*jus ad bellum*) for retaliation against Iran:

"What a nuclear attack on a US city would mean, however, is an understandable American retaliation in kind.

So, those countries that have slack control over their fissile nuclear materials and cosy relations with terrorists need to watch out. A wounded America would be under enormous pressure to respond in a wholly disproportionate manner.

"And then we would be in a completely changed strategic situation in which the use of nuclear weapons might become commonplace."

(*ibid.*; emphasis added)

The notion of "pre-emption" applied to the use of nuclear weapons is predicated on the right to "self defence". "Nuclear pre-emption" defines "when it is permissible to wage war" using nuclear weapons: *jus ad bellum*. The latter concept serves to build a consensus within the military command structures. It also serves to convince the military that they are using nukes for a "just cause", to "save the Western way of life".

Dick Cheney's Second 9/11

The insinuation that al-Qaeda is preparing an attack on America has been on the lips of Vice President Dick Cheney for several years now. Cheney has stated on several occasions since 2004 that al-Qaeda is preparing a "Second 9/11". For instance, in August 2005, Cheney reportedly instructed USSTRATCOM, based at the Offutt Air Force Base in Nebraska, to draw up a "contingency plan"—"to be employed in response to another 9/11-type terrorist attack on the United States" (Philip Giraldi,

Continued on page 78

Interview with Joshua Shaw ...

By Karen Graham

KG: Joshua, you've just turned 70. Congratulations, that's a milestone in anyone's life.

JS: Yes, but it's another anniversary also. It's 41 years since I first became involved with ionisers.

KG: That's a while ago. I thought this was 21st century technology.

JS: Well, the technology may be, but the idea is not new. I'll tell you how it began. In 1961 I opened Australia's first discount store in Sydney and I was offered a range of electrical goods which I refused to market because they carried no guarantee. Among those goods was an ioniser. When I asked what it was for, I was told it was to relieve heat stress. I had it operating in my office and almost everyone who came in remarked on the fresh, clean atmosphere. Then in 1967 I had an accident involving boiling water which left me with third degree burns. These healed remarkably quickly and my doctor couldn't believe I was left without any scarring. So I asked him what causes scarring and he said simply 'bacteria'. I remembered then that I'd been told the ioniser killed 95% of airborne germs and I was so impressed I decided to import ionisers into Australia to sell. Unfortunately, it took forever to overcome the political red tape surrounding the use of ionisers in Australia and it wasn't until 1978 that they finally went onto the market.

Now although these machines were the very best available at that time, we found that any apparent beneficial effects they had soon stopped. When we investigated the reason we found that the ions they produced were not biologically active.

KG: Why weren't they?

JS: We used mass spectrometers to discover the species of bio-active ions found in nature. We also discovered that the speed at which ions are produced governs their size. Small negative ions of oxygen had to attain a speed of 1.9 centimetre volts per second (1.9 cm²/Vs). Unless that speed is achieved the only ions produced are large or medium in size. They cannot be breathed in and simply keep the air clean. Also ions of nitrous oxide and other harmful gases can be produced.

KG: How do you tell if ions are biologically active?

JS: Dr Albert Krueger had already done studies in the USA which showed that small negative ions of oxygen enhanced the immune system of laboratory mice. When the mice were not receiving a balance of positive and negative ions, they became lethargic and suffered from illnesses. Following on his discoveries, I later sponsored eight years of research at La Trobe University on immune system function which discovered the bio-active ions of oxygen produced by our ioniser increased the production of immunoglobulin A (IgA), a prime constituent of the immune system. Armed with this confirmation of the bioactivity of small air ions, we went on to develop the ELANRA in 1985 and it went onto the market in 1992. They're now sold all over the world.

KG: Can I ask how many you've sold?

JS: It's in the tens of thousands. And do you know, in all those years we've only had 57 ionisers returned.

KG: Why do you think all those people chose to buy ELANRA and not some other brand?

JS: When they know the facts, people will always choose ELANRA. It's the world's only therapeutic ioniser able to produce a continuous supply of negative ions of oxygen that are small enough to be inhaled, so it's a totally unique device. Some other ionisers can produce negative ions, but they are the large ions that can't be breathed in, so those machines are only useful as air cleaners. They have no direct beneficial effects on the body. You can find all this information on our website, which I always urge people to do. Read all the facts, then make up your own mind.

KG: Do we normally breathe in negative ions?

JS: Yes, they are created by ultraviolet light, cosmic rays, water and wind pressure, but most especially by the breakdown of radioactivity in the earth's crust. Positive ions are also created and the balance in nature is 5 positive to 4 negative. Unfortunately, man has destroyed that balance in much of our world.

KG: How has the balance been destroyed?

JS: Replacing forests with cities, creating air pollution, pumping conditioned air into buildings and homes, and filling our lives with appliances that generate electrical fields. Plus there's the electrical charge generated by synthetic materials in carpets, clothing and almost everything we use. As a result, positive ions dominate and nature's balance is lost. Among other effects, this excess of positive ions can trigger the body to release abnormal amounts of serotonin and histamine.

KG: And what effect does that have?

JS: These substances have many functions, some not clearly understood, but to put it simply, serotonin is a key factor in mood and general well-being. Histamine, as most people know, will in excess produce symptoms of allergy, such as hay fever, headache and rashes.

KG: So extra negative ions in the air will cure just about anything?

JS: No, not at all. ELANRA is not a miracle cure for everything that ails you. What it does is to help restore your body to normality so that all the body's systems can operate at an optimal level.

KG: Enabling the body to fight off infection?

JS: Yes, the body will always try to heal itself, given the right circumstances and environment. But to go one step further, the ELANRA also destroys up to 95% of airborne bacteria before you even get a chance to breathe them in. This has been demonstrated by scientific tests carried out in laboratories all over the world, including Australia.

A year-long study by the University of Leeds at St James's Hospital in the UK found that ionisers placed in the Intensive Care Unit significantly reduced infections by eliminating 100% of the highly resistant acinetobacter from the air. You can read the whole interesting story on our website.

Now isn't it a shame that operating theatres at several hospitals here were recently shut for a time because the surgeons were so fearful of contamination? If they'd been able to access information about these findings in the UK – which incidentally were reported in New Scientist magazine – they would have realised there is an answer to this problem.

KG: So why aren't the benefits of ionisation more widely publicised?

It's the world's only therapeutic ioniser able to produce a continuous supply of negative ions of oxygen that are small enough to be inhaled.

... inventor of the ELANRA Therapeutic Ioniser

JS: Well, it's difficult. For decades there has been a great degree of intrigue and protectionism to stop the sale of ionisers. Rules and regulations mean information about ionisation is still curtailed today. Ideally, the public should be free to judge every therapeutic modality for themselves, including by hearing about the experiences of others. For instance, a lady wrote to me and said the number and severity of her migraines has been greatly reduced, thanks to ELANRA, and that's she is sleeping sounder than she ever has before. But these sorts of comments can't be accessed by the public through normal channels. I have literally hundreds of such letters in my files.

KG: I still don't understand why can't we have free access to information like this.

JS: People don't realise how much public opinion is manipulated by rich multi-national drug companies, who see natural therapies as unwanted competition. When you get down to it, it's all about the golden rule – those with the gold make the rules. And what's called 'anecdotal evidence' is not considered acceptable.

KG: Well, hundreds of letters is a bit more than 'anecdotal'. Can you tell me about some more?

JS: We've had letters from people who used their ELANRA during healing from operations, strokes and heart attacks. All say they recovered more quickly than usual and had less pain than their health professionals had led them to expect. So you can see why I say inhaling small negative ions of oxygen stimulates the body to operate at its very best level.

I remember one lady wrote after spending a few weeks without her ioniser because she had neglected to order new needles. By the way, these are the precision-made needles that produce the negative ions. Because oxygen is being produced, corrosion inevitably occurs and the needles must be replaced periodically. Anyway, the lady said that during the time without her ELANRA, she had become unsettled, tired and depressed. All that changed once her ELANRA had new needles installed and was switched on again. She was also convinced ELANRA contributed to the easy and relatively pain-free home birth that she experienced shortly after.

KG: It's safe to use around babies and children?

JS: Absolutely. In fact, one of my clients had an experience recently that you'll find interesting. She's a teacher working with children who have learning and behavioural problems. Many have what's termed ADD and ADHD. They find it difficult to concentrate or follow instructions. She had a cold and not wanting to infect the children, she took her ELANRA to school with her, and later told me that she had the best day ever with those kids. They were quieter and more co-operative. The lady was so excited by this unexpected turn of events that she purchased another ELANRA to use in the classroom.

KG: Has anybody had any negative reactions or side effects?

JS: Negative ion therapy has been researched and used in various forms for over 70 years without any adverse effects.

KG: Really? That means research must have started before the Second World War!

JS: Yes, some of the earliest formal experiments were carried out in Russia in the 1930s. But the most important discoveries were made by Dr Albert Krueger of Berkley University in the USA

during the 1950s. His work showed that exposure to small negative ions definitely has positive effects on health and well-being.

As a therapy, ionisation has been used extensively in the Middle East, especially in Israel, and also in Europe and the Orient. In the United States it's been used primarily by holistic health practitioners, although during the 1960s it gained popularity as a treatment for burns patients. Again, it's the way small negative ions speed up the body's own healing process that's the key.

The Soviets found that negative ion exposure improved the training responses of swimmers, runners, boxers and other athletes. They showed gains in strength and endurance and improvements in sleep and appetite, as well as recuperating much faster from the rigours of training.

KG: If the ELANRA is so effective, why did you need to develop a second, smaller model?

JS: The Mark II is useful at home or in the workplace where it's plugged into the mains power supply. But what if you're travelling overseas? It's also known that the interior of cars, trucks, trains and planes have an atmosphere heavy with positive ions. That's why we decided to develop a Portable model.

KG: So you can take it anywhere?

JS: Yes, it operates on its own nine-volt internal battery or it can be connected to your vehicle's battery for use while travelling. And it will operate from any mains power source in the world, from 90V to 250V. You just need the appropriate power plug.

KG: I've noticed your promotional material emphasises the fact that both ionisers are programmable. What does that mean, exactly?

JS: Every one of us is an individual with different problems and needs, which change from time to time. For

instance, if you had a headache you'd take two aspirin or paracetamol tablets, you wouldn't take 1,000 as that would be dangerous. It's the same with negative ions. More ions is not more beneficial, what you need is the right balance. Therefore, each machine is pre-programmed for each person's specific needs. As needs change, both ELANRA models can be reprogrammed – the Mark II tabletop offers 144 different settings and the Mk III Portable can be programmed 32 ways.

KG: What would happen if there were no negative ions at all in the air?

JS: As Dr Krueger demonstrated all those years ago, creating an environment with a complete absence of negative ions resulted in the demise of his laboratory mice. I have always said that, given the right parameters, the body will heal itself. You need good food, good water and good air. By good air I mean the right balance of positive and negative ions identical to that found in a natural environment. What ELANRA does is not magic, it's just replacing what is missing from nature. I urge anyone interested in knowing more to visit the Bionic Products website on www.negativeions.com or phone toll-free 1800 074 844.

[NEXUS Note: This interview forms part of an international advertising promotion by Bionic Products. NEXUS does not receive any commission from sales of the Elanra. We endorse it because so many people are reporting major health improvements from using it. Ed.]

For decades there has been a great degree of intrigue and protectionism to stop the sale of ionisers.

SOWING THE SEEDS OF DESTRUCTION

The Gene Revolution, spurred on by a handful of biotechnology transnationals and aided by Rockefeller funding, has created a world where feeding the hungry is akin to an act of genocide.

Part 2 of 2

by Stephen Lendman

© January 2008

A Review of
Seeds of Destruction: The Hidden Agenda of Genetic Manipulation
by F. William Engdahl

Email:

lendmanstephen@sbcglobal.net

Blogsite:

<http://www.sjlendman.blogspot.com>

F. William (Bill) Engdahl is a leading researcher, economist and analyst of the New World Order who has written on issues of energy, politics and economics for over 30 years. He is also a frequent speaker at international conferences and is a distinguished research associate of the Centre for Research on Globalization, where he's a regular contributor. He is author of *A Century of War: Anglo-American Oil Politics and the New World Order* (Pluto Press, 2004) and *Seeds of Destruction: The Hidden Agenda of Genetic Manipulation* (Global Research, 2007; see <http://globalresearch.ca/books/SoD.html>), which is the subject of this review article. He can be contacted by email at info@engdahl.oilgeopolitics.net.

— Stephen Lendman

Merging Big Pharma with Big Food

At the dawn of a new century, family farming was decimated by corporate agribusiness's vertically integrated powers that surpassed their earlier 1920s heyday dominance. The industry was now the second-most-profitable national one after pharmaceuticals, with domestic annual sales exceeding US\$400 billion. The next aim was merging Big Pharma with Big Food-producing giants. The Pentagon's National Defense University took note in a 2003-issued paper: "Agribusiness [now] is to the United States what oil is to the Middle East". It's now considered a "strategic weapon in the arsenal of the world's only superpower", but at a huge cost to consumers everywhere.

Agribusiness was on a roll, the US government supporting it with tens of billions of dollars in annual subsidies. The 1996 Farm Bill suspended the US Secretary of Agriculture's power to balance supply and demand, henceforth allowing unrestricted production. Food-producing giants took full advantage to control market forces. They crushed family farmers by overproducing and forcing down prices. They also pressured land values as small operators failed, and thus created opportunities for land acquisition on the cheap for greater concentration and dominance.

Next came integrating the Gene Revolution into agribusiness, the way Harvard's Ray Goldberg saw it coming. Entire new sectors were to be created from genetic engineering, including genetically engineered/modified drugs from GE/GM plants in a new "agricultural system". Goldberg predicted a "genetic revolution [through] an industrial convergence of food, health, medicine, fibre and energy businesses" in a totally unregulated marketplace. Unmentioned was a threatening consumer nightmare hidden from view.

Food is Power

Rockefeller Foundation funding was the Gene Revolution's catalyst in 1985, with big aims: to learn if GM plants were commercially feasible and, if so, to spread them everywhere. It was the "new eugenics", says Engdahl, and the culmination of earlier research from the 1930s. It was also based on the idea that human problems can be "solved by genetic and chemical manipulations...as the ultimate means of social control and social engineering". Foundation scientists sought ways to do this by reducing life's infinite complexities to "simple, deterministic and predictive models" under their diabolical scheme—mapping gene structures to "correct social and moral problems including crime, poverty, hunger and political instability". With the development of essential genetic engineering techniques in 1973, they were on their way.

They're based on what's called recombinant DNA (rDNA), and it works by genetically introducing foreign DNA into plants and animals to create genetically modified organisms (GMOs), but not without risks. London Institute of Science in Society chief biologist Dr Mae-Wan Ho explains that there are dangers because the process is imprecise. "It is uncontrollable and unreliable, and typically ends up damaging and scrambling the host genome, with entirely unpredictable consequences" that might unleash a deadly unrecalable "Andromeda Strain". Research continued anyway, amidst lies that risks were minimal and a promised future lay ahead. All that mattered were huge potential profits and geopolitical gain—so let the good times roll and the chips fall where they may.

One project was to map the rice genome. It launched a 17-year effort to spread GMO rice around the world, with Rockefeller Foundation money behind it. It spent millions funding 46 science labs worldwide. It also financed the training of hundreds of graduate students and developed an "elite fraternity" of top scientific researchers at Foundation-backed research institutes. It was a diabolical scheme aiming big: to control the staple food for 2.4 billion people and, in the process, destroy the biological diversity of over 140,000 developed varieties that can withstand droughts and pests and can grow in every imaginable climate.

Asia was the prime target, and Engdahl explains the sinister tale of the Philippines-based, Foundation-funded, International Rice Research Institute (IRRI). It had a gene bank with "every significant rice variety known" that comprised one-fifth of all varieties. IRRI let agribusiness giants illegally use the seeds for exclusive, patented, genetic modification so they could introduce them in markets and dominate them by requiring farmers to be licensed and forced to pay annual royalty fees.

By 2000, a successful "Golden Rice" was developed that was enriched with beta carotene (vitamin A). It was marketed on the fraudulent claim that a daily bowl could prevent blindness and other vitamin A deficiencies. It was a scam, as other products are far better sources of this nutrient, and to get enough of it requires eating an impossible nine kilograms (about 20 pounds) of rice daily.

Nonetheless, Gene Revolution backers were ready for their next move, "the consolidation of global control over humankind's food supply", with a new tool to do it: the World Trade Organization. Corporate giants wrote its rules to favour themselves at the expense of shut-out developing nations.

Unleashing GMO Seeds: A Revolution in World Food Production Begins

By the end of the 1980s, a global network of molecular biologists trained in genetic engineering was ready to kick off the "Second Green Revolution". Argentina was its first test laboratory, the first "guinea pig" nation in a reckless experiment with untested and potentially hazardous new foods.

Argentina was an easy mark when Carlos Menem became President in July 1989. He was a corporatist's dream, a willing Washington Consensus subject, and he even let David Rockefeller's New York and Washington friends draft his economic program with Chicago School dogma at its heart: privatisations, deregulation, local markets opened to imports, and

cuts in already reduced social services.

By 1991, Argentina was already a "secret experimental laboratory for developing genetically engineered crops". In effect, the country's agriculture had been handed to Monsanto, Dow, DuPont and other GMO giants to exploit for profit. Things would never be the same again. By the mid-1990s, Menem was "revolutioniz[ing] Argentina's traditional productive agriculture" to one based on monoculture for global export.

From 1996 to 2004, worldwide GMO crop plantings expanded to 167 million acres, a 40-fold increase using 25 per cent of total worldwide arable land. An astonishing two-thirds of the acreage (106 million acres, or 43 million hectares) was in the USA. By 2004, Argentina was in second place with 34 million acres (14 million hectares), while production was expanding in Brazil, China, Canada, South Africa, Indonesia, India, The Philippines, Colombia, Honduras, Spain and Eastern Europe (Poland, Romania and Bulgaria). The revolution was on a roll; now it looks unstoppable.

In 1995, Monsanto introduced Roundup Ready (RR) soybeans with its special gene-gun-inserted bacterium that allows the plant to survive being sprayed by the glyphosate herbicide, Roundup. GMO soybeans are thus protected from the same product which is used in Colombia to eradicate drugs but harms legal crops and humans at the same time. After Monsanto's RR soybeans were licensed by the US FDA in 1996, in Argentina "a once-productive

national family-farm-based agriculture system [was turned into] a neo-feudal state system dominated by a handful of powerful, wealthy" owners who exploited it for profit. Menem went along. In less than a decade, he had allowed the nation's corn, wheat and cattle diversity to be replaced by corporate-controlled monoculture. It was a Faustian sellout, and it helped Monsanto's stock price hit an all-time high by the end of 2007.

Earlier decades of diversity and crop rotation preserved the country's soil quality, but this changed after

soybean monoculture moved in, with its heavy dependence on chemical fertilisers. Traditional Argentine crops vanished, and cattle were forced into cramped feedlots the way they are in the United States. Engdahl quotes a leading agro-ecologist who predicts that these practices will destroy the land in 50 years' time if they continue. Nothing suggests there'll be a stoppage.

Argentina's economic crisis of the late 1990s—early 2000s made vast, additional amounts of land available, and bankrupted farmers had to give up their holdings for a few cents in the dollar. Corporate predators and *latifundista* landholders took full advantage. With mechanised GMO soybean monoculture, the country's dairy farms were reduced by half and "hundreds of thousands of workers [were forced] off the land" into poverty.

Monsanto was on a roll and used various exploitative schemes. In 1999, the company got Menem to allow it to collect "extended royalties", even though Argentine law prohibited the practice. Smuggling Roundup Ready soybean seeds into Brazil, Paraguay, Bolivia and Uruguay also went on *sub rosa*.

Monsanto then pressured the government of Argentina to recognise its "technology license fee". A Technology Compensation Fund was established and managed by the Ministry of Agriculture. It forced farmers to pay a near-one-per-cent fee on GMO soybean sales; Monsanto and other GMO seed suppliers got the funds.

By 2004, nearly half the nation's crop land was being used for

It was a diabolical scheme aiming big: to control the staple food for 2.4 billion people and, in the process, destroy the biological diversity of over 140,000 developed varieties...

GM soybean production and over 90 per cent of this was solely for Monsanto's Roundup Ready brand. Engdahl puts it this way: "Argentina had become the world's largest uncontrolled experimental laboratory for GMO". Its people had become unwitting lab rats.

In 2005, Brazil's government relented and legalised GMO seeds for the first time. By 2006, the USA, Argentina and Brazil accounted for over 81 per cent of world GM soybean production. This "ensure[s] that practically every animal in the world fed soymeal [is] eating genetically engineered soybeans". It also means that everyone eating these animals does the same thing unwittingly.

Argentina has experienced more fallout which threatens to spread. Its soybean monoculture has affected the countryside hugely, and vast tracts of forest lands have been destroyed. Traditional farmers close to soybean plantings have been seriously harmed by aerial spraying of Roundup. Their crops have been destroyed, because that's what this herbicide is engineered to do: kill all plants without gene-modified resistance. They report that their chickens died and their horses were gravely harmed by the aerial spraying. Humans have also been affected, and can show violent symptoms of nausea, diarrhoea and vomiting as well as skin lesions. Other reports claim further fallout: animals born with severe organ deformities, deformed bananas and sweet potatoes, and lakes filled with dead fish. In addition, rural families say that their children developed "grotesque blotches on their bodies" from the aerial spraying.

As for higher promised yields from GM soy, results showed harvests reduced by 5–15 per cent compared with traditional soybean crops plus "vicious new weeds" that need up to triple the amount of herbicide to destroy. By the time farmers learn this, it's too late.

Engdahl summarises the farmers' plight: "A more perfect scheme of human bondage would be hard to imagine". And it was even worse than that. Argentina was the first test case "in a global plan that was decades in the making and absolutely shocking and awesome in its scope".

Iraq Gets American Seeds of Democracy

Democracy for Iraq meant erasing the "cradle of civilization" for unfettered free-market capitalism. In 2003, Iraq was conquered for its oil but also to make the country a gigantic free-trade paradise. The scheme was diabolical, elaborate and ugly: blitzkrieg "shock and awe", elaborate PsyOps, fear as a weapon, repressive occupation, mass detention and torture, and the fastest, most sweeping country remake in history. It happened in weeks. Iraq no longer exists, the country is a wasteland, its people are devastated, and a blank slate was created for unrestrained corporate pillage on a near-unimaginable scale.

Part of the scheme was for GMO agribusiness giants to have free rein over that part of the economy, to radically transform Iraq's food production system into a model for GMO seeds and plants. It was mandated under several of the 100 swiftly implemented "Bremer

Laws", but Iraqis had no say in them as the country was now governed out of Washington and its branch office inside the heavily fortified Green Zone in the largest US embassy in the world.

Bremer Laws imposed the harshest-ever Chicago School-style "shock therapy", of the kind that devastated countries around the world since introduced in 1973 in Chile under Pinochet. The formula was familiar: mass firings of state employees in the hundreds of thousands; unrestricted imports with no tariffs, duties, inspections or taxes; deregulation; and the largest state liquidation sale and privatisation plan since the Soviet Union collapsed. Corporate taxes were lowered from 40 per cent to a flat 15 per cent. Foreign investors could own 100 per cent of Iraqi assets other than oil; they could also repatriate all their profits without being taxed on them and had no obligation to reinvest in the country. Further, they were given 40-year oil production leases. The only Saddam-era laws remaining were those restricting trade unions and collective bargaining. Foreign transnationals, mainly US ones, swooped in and devoured everything. Iraqis couldn't compete, and the occupation laws assured it.

Consider Bremer Order 81 of 26 April 2004 covering patents and their duration. It states: "Farmers shall be prohibited from re-using seeds of protected varieties or any variety". It gave plant varieties patent-holders absolute rights over farmers using their seeds for 20 years. These seeds are genetically engineered and owned by transnationals. Iraqi farmers using them have to sign an agreement stipulating they must pay a "technology fee" as well as an annual licence fee. Using seeds "similar" to protected, patented varieties could result in severe fines and imprisonment. "Plant Variety Protection" (PVP) is at the core of this order—and GMO seeds got protection to displace 10,000 years of development of plant varieties.

Iraq's fertile valley between the Tigris and Euphrates rivers is ideal for crop planting. Since 8000 BC, farmers have used it to develop "rich seeds of almost every variety of wheat used in the world today". These varieties have now been erased through this GMO modernisation and industrialisation

scheme so that agribusiness could get a foothold in the region and supply the world market.

While Iraqis suffer and starve, GMO giants run the country's agriculture for export. Iraqi farmers are now agribusiness serfs and are forced to grow products foreign to the native diet, like wheat designed for pasta production. Bremer Laws mandate this and are inviolable under Article 26 the US-drafted constitution. This Article states that the Iraqi government is powerless to change laws made by a foreign occupier. To assure it, US sympathisers are in every ministry, with those most trusted in key ones.

Engdahl sums up the damage to agriculture: "The forced transformation of Iraq's food production into patented GMO crops is one of the clearest examples of [how] Monsanto and other GMO giants are forcing [these] crops onto an unwilling or unknowing world population". They're infesting the planet with them, one country at a time, and it's futile trying to undo the damage they cause.

Part of the scheme was for GMO agribusiness giants to have free rein over that part of the economy—to radically transform Iraq's food production system into a model for GMO seeds and plants.

Planting the "Garden of Earthly Delights"

On 1 January 1995, the WTO was officially established, with powers to enforce its corporate-written laws on member states. US agribusiness was already dominant, but it now had a new, unelected, supranational body to advance its private agenda on a global scale. WTO is a "policeman" for global free trade and a predatory "battering ram for the trillion-dollar annual world agribusiness" part of it for its giants. Its rules were written with teeth for "punitive leverage" to levy heavy financial and other penalties on rule violators. Under them, agriculture is a priority because American companies are dominant. Cargill wrote the rules that Engdahl calls the "Cargill Plan". They:

- ban all government farm programs and price supports worldwide (but wink and nod at massive US subsidies);
- prohibit countries from imposing import controls to defend their own agricultural production;
- ban agricultural export controls, even in times of famine, so that Cargill can dominate the world export grain trade; and
- forbid countries from restricting trade through food safety laws called "trade barriers"; this demand also opens world markets to unrestricted imports of GMO foods, with no need for their safety to be proved.

The International Food & Agricultural Trade Policy Council (IPC) lobby worked with Cargill and US agribusiness to advance this agenda. The so-called Group of Four (Quad) countries took the lead: the United States, Canada, Japan and the European Union (EU). Meeting in secret, they set policy for all 134 WTO members that for agriculture was drafted by US agribusiness giants including Cargill, Monsanto, ADM and DuPont, along with EU giants Nestlé and Unilever. Their policy was designed to erase national laws and safeguards in favour of unrestricted free markets favouring Global North countries.

Through patents, GMO giants control staple crop seeds and need WTO leverage to force them on a sceptical world. It's done through the WTO's Agreement on Agriculture (AoA), along with its Agreement on Trade Related Aspects of Intellectual Property Rights (TRIPS). Until the advent of agribusiness, food production and markets were local. That's now changed, with corporate giants in control and able to set prices by manipulating supply. AoA rules were established to help. They also enforce agribusiness's highest priority: "a free and integrated global market for its products". Included are GMO ones which the senior Bush administration ruled are "substantially equivalent" to ordinary seeds and crops and need no government regulation. That provision is written into WTO rules under the Sanitary and Phytosanitary (SPS) Agreement. It states that national laws banning GMO products are "unfair trade practices", even when they endanger human health.

Other WTO rules, under the Agreement on Technical Barriers to Trade, are in place which prohibit GMO labelling. As a result, consumers don't know what they're eating and can't avoid these potentially hazardous foods. The 1996 Biosafety Protocol was

drafted to solve this problem, and it should be in place for that purpose. Developing-country demands, however, were "ambushed by the powerful organized government and agribusiness lobby". It sabotaged talks and insisted biosafety measures be subordinate to WTO trade rules favouring developed states. As a result, talks collapsed, safety concerns were ignored and the path was cleared for the unrestricted spread of GMO seeds worldwide.

Under the WTO's TRIPS rules, all member states must pass patent-protecting intellectual property laws that make knowledge property. That, in turn, "open[s] the floodgates" nearly everywhere for the proliferation of GMO seeds and foods, even in violation of national food safety laws.

GMO giants have powerful friends in government backing their agenda. George W. Bush is one of them, and in 2003, after the invasion of Iraq, he made the proliferation of GMO seeds his top priority. With that support, GMO companies have been pushing things to the limit.

Engdahl gives a brazen example involving the Texas biotech company, RiceTec. It schemed to patent basmati rice, the dietary staple across Asia for thousands of years. With IRRI collusion, the company stole the seeds and patented them under Rockefeller Foundation-crafted rules. The 2001 US Supreme Court decision in *Ag Supply v. Pioneer Hi-Bred* made this possible; it "enshrined the principle of allowing patents on plant forms and other forms of life".

Under the ruling, GMO plant breeds can be patented—and US government agencies are complicit in helping agribusiness giants ensure that nothing stops them from doing it. As a result, the GMO monoculture onslaught threatens plant species diversity everywhere.

With full backing from Washington and the WTO, major biotech companies are patenting every plant imaginable in GMO form. Engdahl refers to the "Gene Revolution [as being a] monsoon force in world agriculture" by the beginning of the

new millennium, with four dominant companies controlling GMOs and related agrichemical markets: Monsanto, DuPont and Dow AgroSciences in the USA, and Syngenta in Switzerland (created from the merger of the agriculture divisions of Novartis and AstraZeneca).

The "world's number one" is Monsanto. The company was discussed in part one of this review, and Engdahl quotes its chairman as saying his goal is a global fusion of "three of the largest industries in the world—agriculture, food and health—that now operate [separately, but] changes...will lead to their integration". That was over seven years ago. Now it's happening.

Engdahl covers pertinent information on the industry that might otherwise have gone unnoticed: that the three US GMO giants have a long and sordid association with the Pentagon, supplying massively destructive chemicals like Agent Orange, napalm and others. They now want to be trusted with the most important things we ingest—our food and drugs—in the face of

That provision is written into WTO rules under its Sanitary and Phytosanitary (SPS) Agreement. It states that national laws banning GMO products are "unfair trade practices", even when they endanger human health.

strong evidence that their GMO varieties harm human health. Their history of concern for public safety is atrocious.

Like it or not, they're advancing their agenda, and a 2004 Rockefeller Foundation report shows it. GM crop production achieved double-digit increases for nine consecutive years since 1996. More than eight million farmers in 17 countries now plant GM crops, over 90 per cent in developing nations. Far and away, the US is the world's leader "with aggressive Government promotion, absence of labeling, and the domination of US farm production". Here, "genetically engineered crops [have] essentially taken over the American food chain". In 2004, over 85 per cent of soybeans and 45 per cent of corn seeds were genetically modified, and, since animal feed is mainly from these crops, "the entire meat production of the nation [and exports] has been fed on genetically modified animal feed". What animals eat, so do humans.

It gets even worse. Wind and air proliferate GM seeds to adjacent fields, including organic ones which are now to some degree contaminated. Engdahl explains: "...after just six years, an estimated 67 per cent of all US farm acreage has been [irredeemably] contaminated with genetically engineered seeds. The genie was out of the bottle"; nothing known to science can reverse this condition.

This renders "pure organic" growing an impossibility, except perhaps in very isolated farms that comprise a small percentage of the industry. Even so, organic crops are safer than chemically treated ones and hugely preferable to any that are genetically modified. That said, as the Gene Revolution advances worldwide, the future of organic farming is imperilled—to the horror of people who, like this writer, depend on it.

Consider further the way GMO giants gain market share with government and WTO backing, helped by the imposition of rigid licensing and technology agreements on farmers who must pay annual fees. They're binding and enforced through Technology Use Agreements that farmers have to sign and, by so doing, entrap themselves in a "new form of serfdom". Each year, they must buy new seeds and they're forbidden to reuse any from previous years as was customary before GMO introductions. Failure to observe the agreements can result in severe legal damages or even imprisonment and possible loss of their land.

Complicit government agencies and clever marketing schemes aid the "Gene Revolution" through "lies and damn lies" that GMO crops have higher yields and can solve world hunger problems. The evidence proves otherwise. In addition, resistant "superweeds" develop over time and crop yields drop. Farmers must use greater amounts of herbicides, are locked into high user-fees and end up losing money. The bottom line: the case for "genetically engineered seeds for agriculture [was] based on a citadel of scientific fraud and corporate lies". This information is hidden from the public, and it's too late once unwary farmers learn they've been had.

Evidence was growing on GMO dangers, and the industry was alarmed. By 2005, Russian science showed that GMOs cause harm that can start *in utero*: over half the offspring of rats fed a genetically modified soybean diet died in their first three weeks of life—six times the normal rate.

Population Control: Terminators, Traitors and Contraceptive Corn Seed

Crucial to its strategy, GMO giants needed a "new technology which would allow them to sell seed that would not reproduce". They developed genetic use restriction technologies (GURTs) that produce so-called "Terminator" seeds. The process is patented and applies to seeds of all plant species. Replanting them doesn't work: they won't grow. It's the industry's solution to controlling world food production and assuring themselves big profits as a result. What a discovery! Terminator corn, soybean and other seeds have been "genetically modified to 'commit suicide' after one harvest season" by a toxin-producing inbuilt gene.

A closely related, second-generation technology, T-GURT, produces seeds nicknamed "Traitor" seeds. The technology relies on controlling a plant's fertility and genetic characteristics with "an inducible gene promoter" called a "gene switch". GMO crops that are pest- and disease-resistant only work by using a specific chemical compound that companies like Monsanto make. Farmers buying seeds illegally won't get the compound to "turn on" the resistant gene. Traitor technology thus creates a captive

new market for the GMO giants, and Traitor seeds are cheaper to produce than Terminator seeds.

Combined, these two technologies give agribusiness giants unprecedented powers: "For the first time in history, it [lets] three or four private multinational seed companies...dictate terms to world farmers for their seed". It's a biological warfare tool almost "too good to believe", in the face of the open citizen opposition which the industry and the US Department of Agriculture (USDA) aim to quash.

Engdahl quotes USDA spokesman

Willard Phelps from a June 1998 interview, saying the agency wanted Terminator technology to be "widely licensed and made expeditiously available to many seed companies". Hidden was the reason why: to introduce these seeds to the developing world as the prime Rockefeller Foundation strategy. Engdahl calls it a "Trojan Horse for Western GMO seed giants to get control over Third World food supplies in areas with weak or non-existent patent laws". It became an urgent Foundation priority to spread the seeds worldwide to capture world markets irreversibly. The USDA fully backed the scheme.

That kind of muscle (along with WTO rules) is overwhelming. It's the tactic used when the US Departments of State and Agriculture coordinate famine relief using surplus US genetically engineered commodities. Farmers getting GMO seeds aren't told what they are: they plant them unwittingly for the next harvest and get hooked. And the proliferation isn't restricted to Africa. The industry's goal is to introduce GMOs everywhere, through coercion, bribery and other illegal tactics, but especially in highly indebted developing states. In the case of Poland, the soil—which was amongst the richest in Europe—is now spoiled by genetic contamination.

Consider how the scheme ties in with Rockefeller Foundation population control strategy. In 2001, the scheme was aided when the privately owned biotech company Epicyte announced it had successfully developed the "ultimate GMO crop": contraceptive corn seed. It was called a solution to world "over-population", but news about it vanished after Biolex acquired the company.

Complicit government agencies and clever marketing schemes aid the "Gene Revolution" through "lies and damn lies" that GMO crops have higher yields and can solve world hunger problems.

One way or another, the Rockefeller Foundation aims to reduce population. It's also doing it cooperatively with the UN World Health Organization (WHO) by quietly funding its "reproductive health" program through the use of a tetanus vaccine. Combined with hCG natural hormones, it's an abortion agent that prevents pregnancy, but women getting it aren't being told.

Nothing is said about the Pentagon's view of population reduction as a sophisticated form of "biological warfare" [to] solve world hunger".

Avian Flu Panic and GMO Chickens

In 2005, George W. Bush duped the public into believing that a so-called avian (bird) flu epidemic threatened to become a pandemic if not addressed. The solution, as always, was to turn to the private sector and reward his friends. In this case, he asked Congress to appropriate an emergency one billion taxpayer-dollars for a drug, Tamiflu. Unmentioned was a key fact: it was developed and patented by Gilead Science—whose chairman prior to becoming US Defense Secretary was Donald Rumsfeld and who was still a major stockholder. The scare, combined with government funding and a rising stock price, stood to make him a fortune, just as Dick Cheney has profited as Vice President from his Halliburton ties.

Engdahl asks: "Was the avian flu scare another Pentagon hoax" with an unknown aim? Based on known and suppressed past government actions, "a supposedly deadly" new flu strain "had to be treated with more than a little suspicion". It was being used to advance global

agribusiness and poultry factory farm interests "along the model of Arkansas-based Tyson Foods". Consider the facts. Factory farms are breeding grounds for potential disease proliferation because of their cramped, overcrowded conditions, but this was never mentioned as a threat. Instead, small family-run free-range chicken farms were cited as culprits, especially in Asia, when, in fact, that notion is at least very unlikely. Small farms like these are the safest, but an industry-government propaganda campaign claimed otherwise.

The scheme is clear. Five multinational giants dominate US chicken meat production and processing: Tyson (the largest), Gold Kist, Pilgrim's Pride, ConAgra Poultry and Perdue Farms. They produce chicken meat under "atrocious health and safety conditions". According to the US GAO (Government Accountability Office), workers in these processing plants have "one of the highest rates of injury and illness of any industry". Cited was exposure to "dangerous chemicals, blood, fecal matter, exacerbated by poor ventilation and often extreme temperatures". In addition, chickens are tightly cramped and "prevented from moving or getting any exercise on factory farms [so they can] grow...much larger [and faster] than ever before". Growth boosters are also used, which create health problems.

Growing numbers of animal experts believe these farms, not small Asian ones, are the real source of dangerous new diseases like avian flu. That information is suppressed in the mainstream, so the public is duped. It's so that chicken-processing giants can globalise world production, with the avian flu scare "gift from

heaven" to help them. If small Asian chicken farmers can be squeezed out, Tyson and the others can access the huge Asian poultry market. That's their aim, and removing competition is their method—with help from friends in high places.

Creating the first GMO animal population is also part of the scheme, with the prospect of transforming the world's chickens into GMO birds. Engdahl puts it this way: "By 2006, riding the fear of an avian flu human epidemic, the GMO or Gene Revolution players were clearly aiming to conquer the world's most important source of meat protein, poultry".

But another scheme to dominate world food production also lay ahead: "Terminator was about to come into the control of the world's largest GMO agribusiness seed giant".

Genetic Armageddon: Terminators and Patents on Pigs

In 2007, Monsanto acquired Delta & Pine Land (D&PL) to complete its aborted 1999 takeover attempt. D&PL had global Terminator patent rights and successfully extended them on GURTs. The deal made Monsanto "the overwhelming

monopolist of agricultural seeds of nearly every variety", including fruits and vegetables taken up in the company's acquisition of Seminis a year earlier. With that company, Monsanto is now first in vegetables and fruits, second in agronomic crops, and the third-largest agrichemical company in the world. With D&PL, the company has absolute control over the majority of agricultural plant seeds as well. In addition, it's getting into the genetic engineering and patenting of animals.

In 2005, Monsanto applied to the WTO for international patent rights

for its claimed genetic engineering of a means to identify pig genes derived from patented swine semen. The company also wants patents and the right to collect licence fees for particular farm animals and livestock herds. If granted, "[a]ny pigs that would be produced using this reproductive technique would be covered by these patents". Several techniques are being used and patented as fast as GMO lawyers can submit applications to lock up animal life as intellectual property.

Companies like Monsanto and Cargill have invested huge amounts to genetically modify animals for profit. They thus want patent and licensing rights to the results, even though this represents a controversial goal to patent life itself. A 1980 US Supreme Court decision in *Diamond v. Chakrabarty*, however, gave them an opening by ruling that "anything under the sun that is made by man" is patentable. It paved the way for a landmark patent of the "Harvard mouse" that was genetically engineered to be susceptible to cancer.

Engdahl explains how four agribusiness giants used "stealth, system, and a well-supported campaign of lies and distortion" to progress toward Henry Kissinger's ultimate goal: controlling oil to control nations, and food to control people. The pursuit of both are ongoing, with little public knowledge of how far advanced things are and how reckless the scheme is: to genetically engineer all plants and life-forms and to control world population by culling its "unwanted" parts.

That information is suppressed in the mainstream, so the public is duped. It's so that chicken-processing giants can globalise world production, with the avian flu scare "gift from heaven" to help them.

Continued on page 79

HEALING TOOTH DECAY WITH NATURAL NUTRITION

The underlying cause of dental cavities and gum disease is lack of proper nutrition, but remineralising with the kinds of foods originally eaten by indigenous people can prevent and even reverse these problems.

by Ramiel Nagel © 2008

Los Gatos, California, USA

Email: yourreturn@gmail.com

Website:
<http://www.curetoothdecay.com>

In Search of a Cure for Cavities

No longer do we need to allow ourselves to be fooled into believing that dental treatments, fluoride, tooth-brushing and toothpastes are the only cure for cavities. No longer should people suffering from gum disease or tooth infections have the truth of the *real* causes of these afflictions hidden from them.

Originally, I never spent much time thinking about teeth. I assumed that my good diet would keep me free from cavities for my entire life. Yet the glass of my limited beliefs was shattered the day my partner and I observed a small, light-brown spot on the top of a front tooth of our one-year-old daughter. I wondered to myself, "Is this a tooth cavity?"

Days, weeks and months went by, and to our horror the spot grew and grew. Every day I would look at my daughter's teeth with dreaded fear as this cavity rapidly progressed and other teeth began to decay. Being a natural parent, which includes keeping my daughter free from chemicals in the forms of processed junk foods, Western drugs and vaccinations, I was extremely concerned with taking my precious little girl to a dentist for a dental treatment.

Wanting to avoid traumatic anaesthesia and surgery for my daughter and not wanting to have her teeth pulled left me in a grave dilemma: either I had to subject her to a dental treatment, which to me was inappropriately violent for a small child who was not experiencing any pain or suffering, or I had to find the *real* cause of cavities. Only through grace, persistence and hard work did I find a cure, and I share an important part of it in this article. At the peak of my daughter's tooth decay, her teeth disintegrated so rapidly that the one decayed tooth crumbled apart within a few weeks' time.

Meanwhile, I was diagnosed with four new cavities, and I was not prepared to have more synthetic materials added to my overburdened body. Also, these four cavities did not even address the places on my teeth where I felt a great deal of sensitivity: on the sides of many of my molars near the gum lines—a condition which I now know is called *abfraction*.

Today I write nearly three years later. My teeth, once sensitive and loose in my mouth, are now firmly embedded and strong. The sensitive spots have hardened dramatically. Although my daughter's teeth continued to decay to some degree for a while, her teeth have protected themselves. Even with two teeth worn to the gum line, she has no pain, no sign of any infection and no problem eating hard foods like peanuts. These results are not by way of some special product or dental treatment, but by food alone.

Your Teeth are Not Designed to Decay

I started to find hope when I read and re-read the research of the world's greatest dentist, Dr Weston A. Price. In 1915, he was appointed the first research director of the National Dental Association (its name was changed a few years later to the American Dental Association). Dr Price did not seek to find the injurious factors that were causing cavities in his patients, but instead sought to understand why indigenous people around the world were immune to cavities. (Note: Not all indigenous people are totally immune to cavities, but many groups are.) In the early 1930s, he began a multi-year survey of indigenous peoples around the planet to seek the true nature of their immunity to cavities.

About 70 years ago, in the very same *Journal of the American Dental Association* that now promotes amalgam fillings, fluoride and other chemical treatments for teeth, Dr Price revealed the formula needed to cure cavities. He wrote regarding his field studies:

"All groups having a liberal supply of minerals, particularly phosphorus, and a liberal supply of fat-soluble activators had 100 per cent immunity to dental caries."¹

Dr Price visited the people of such places as the high plateaus of the Andes, the isolated

Outer Hebrides off the coast of Scotland and remote villages in the Swiss Alps; he met hidden tribes throughout the depths of Africa, native Australian Aborigines, New Zealand's Maori, islanders in the South Seas, native tribes in Florida, and Eskimos and Canadian Indians in far North America. After visiting these groups of different genetic lineages and finding that they were highly immune to cavities, he could conclude only one thing:

"Tooth decay is not only unnecessary, but an indication of our divergence from Nature's fundamental laws of life and health."²

A Mediaeval Theory of Disease

Hundreds and thousands of years ago, when people were afflicted with various types of ailments and diseases, it was a common habit to blame *evil spirits* as the cause of these diseases and disharmonies. People of the world still do this today, except that these evil spirits now have a new name. Scientists, doctors, dentists and government officials will confirm this new "evil spirit" which is believed to be the cause of our ills: *micro-organisms*, such as viruses and bacteria.

The germ theory of disease became cemented in our minds due to the so-called pioneering work of Louis Pasteur. Pasteur, who was more like a salesman than a scientist, promoted a theory of disease that is now the basis of most forms of modern medicine. The theory goes that pathogenic bacteria or some types of micro-organisms exist outside the body; when the body's defences are lowered, the bacteria can invade the body and thus cause disease.

Unfortunately, in our world which is filled with a substantial amount of corruption and darkness, this "science" has remained the status quo without a good scientific debate since that time. The result of Pasteur's science, which takes away responsibility from the individual for disease, is our modern system of dental care. In this "modern" theory of dental disease, the superstition about tooth decay is as follows—and this is from the American Dental Association:

"Tooth decay...occurs when foods containing carbohydrates (sugars and starches) such as milk, pop, raisins, cakes or candy are frequently left on the teeth. Bacteria that live in the mouth thrive on these foods, producing acids as a result. Over a period of time, these acids destroy tooth enamel, resulting in tooth decay."³

So, based on the combination of the belief that tooth decay is caused by bacteria (identified as *Streptococcus mutans* and *Lactobacillus acidophilus*) and the belief that bacteria eat foods in the mouth and produce acid, thus causing the physical structure of teeth to erode, the modern system of dentistry has developed. According to this modern system:

- 1) You must brush your teeth all the time to eliminate these dangerous bacteria.
- 2) You must rinse your mouth with chemicals to eliminate more dangerous bacteria.
- 3) You must floss to eliminate the missed bacteria and food particles.

4) When those three options do not work, you must have the bacteria infestations removed from your mouth by a dental drill, thus leaving your mouth bacteriologically clean.

5) When a dental drill cannot remove the bacteria and the bacteria progress, the tooth root can become infected, thus requiring root canal filling. The solution to the infected tooth root is first to remove the top of the tooth and then clean the inside of the tooth with chemicals. Next, this traumatised tooth is filled with a synthetic material, thus leaving the inside of your tooth bacteriologically clean.

6) Finally, when all those procedures fail to keep your tooth alive from the supposed onslaught of bacterial invaders, the tooth must be removed—and a fake tooth or no tooth is what is left.

By the time the sixth stage is reached, many people have spent thousands of dollars on dental care. But no matter how much money people spend on dentists and dental treatments, the *real* cure for cavities seems still elusive. I guess that not enough

people have noticed that these methods for treating teeth do not cure the problem; rather, modern treatments limit some pain and suffering while your teeth continue to decay. To be clear, I am not opposed to dental treatments: sometimes they are the best option for some people. But for the majority of us, there is another way to halt, prevent and even remineralise decaying teeth.

With reference to figure 1, here you see the results of a large study of about 16,000 individuals, conducted from 1999 to 2002 in the United States by a government agency. As you can see from the chart, with some slight variance at the end, the older you get, the higher the likelihood that your teeth will be decayed. In fact,

the statistics for people over the age of 40 in the USA are dismal. On average, 45.89 per cent of all teeth in this age group have been affected by decay. That average is nearly half the teeth in each person's mouth having been affected by decay. This gets worse: by the time you reach the age of 60 and over, on average 62.36 per cent of all teeth have been affected by decay.⁴

If dental drilling, root canal fillings, tooth-pulling, mass water fluoridation, tooth-brushing and toothpastes were the proper treatment for cavities, then we would not see this increase of tooth decay over time. We would see a *decrease* over time, or at least the level holding steady, because the older people get, in general the more they are flossing, brushing and having their teeth drilled. So, it follows that their tooth decay should *not* get worse, since they are following the prescribed protocol. Are we to assume that over 90 per cent of the population is not following the prescribed protocol? Or is something fundamentally wrong with this "modern" approach to halting cavities?

Lack of Proper Nutrition: The Real Cause of Cavities

Dr Price realised that something fundamental is radically wrong with the way we live. To help you understand what is wrong, I provide two telling examples of groups of people who were living

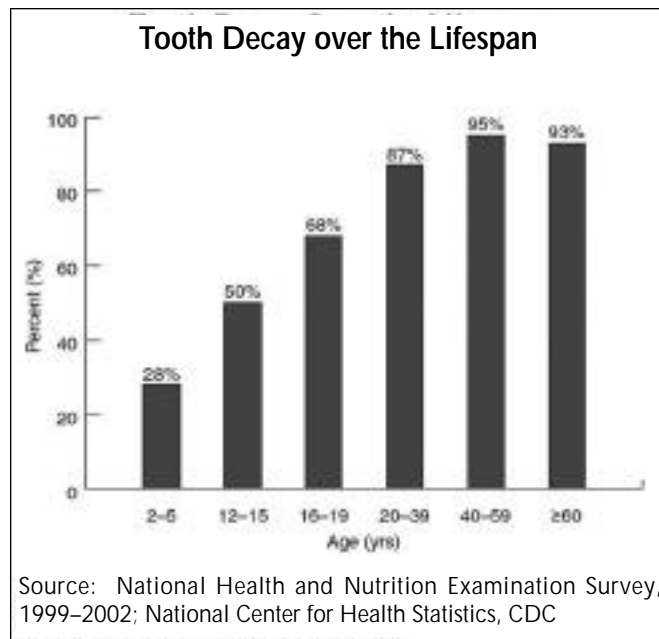


Figure 1. CDC's Graph of Tooth Decay in the USA

virtually free of tooth decay and how they lost this immunity.

In 1931 and 1932, Dr Price travelled to the remote Loetschental Valley in the Swiss Alps, seeking the cause and solution to one of our number one diseases: tooth decay. The people of the valley lived in harmony with nature, which resulted in a seemingly peaceful existence. Dr Price wrote of the Loetschental people:

"They have neither physician nor dentist because they have so little need for them; they have neither policeman nor jail, because they have no need for them."⁵

This harmony is also evident in the production of food:

"While the cows spend the warm summer on the verdant knolls and wooded slopes near the glaciers and fields of perpetual snow, they have a period of high and rich productivity of milk... This cheese contains the natural butter fat and minerals of the splendid milk and is *a virtual storehouse of life* for the coming winter."⁶ (Emphasis added in italics.)

Reverend John Siegen, the pastor of the one church in the valley, told Dr Price about the butter and cheese made with a high degree of harmony from the milk of the grazing cows:

"He told me that they recognize the presence of Divinity in the life-giving qualities of the butter made in June when cows have arrived for pasturage near the glaciers. He gathers the people together to thank the kind *Father* for evidence of his *Being* in the life-giving qualities of butter and cheese when the cows eat the grass near the snow line... The natives of the valley are able to recognize the superior quality of their June butter, and, without knowing exactly why, *pay it due homage*."⁷ (Emphasis added.)

This "due homage" paid to butter is a far cry from today's dietary dictators, who say that butter is bad for our health because of its high levels of saturated fat and cholesterol.

In reflecting on his time in Loetschental Valley, Dr Price stated:

"One immediately wonders if there is not something in the life-giving vitamins and minerals of the food that builds not only great physical structures within which their souls reside, but builds minds and hearts capable of a higher type of manhood in which the material values of life are made secondary to individual character."⁸

We can see, feel and hear a high degree of harmony with Nature in the description of the people and environment of the Loetschental Valley. Not only are the animals and the land honoured in a sacred manner, so is the food. The people see and know the divine quality within their butter. And to see this quality in the butter, they must also see and know this divine quality within themselves. This knowing, I hypothesise, is a result of a way of living in accordance with Nature's fundamental laws. And the people see evidence and are reminded of their own divinity by seeing the "Father" and His "Being", His presence, in the gift which He gave them: the gift of health, aliveness and vitality through His butter and cheese.

The diet of the Loetschental Valley people in the early 1930s consisted of whole rye bread, summer butter and cheese (about as large a portion as the slice of bread), eaten with the fresh, raw

milk of goats or cows. They ate meat once a week.

In Dr Price's study of 4,280 teeth of children living in the high alpine valleys, he found that 3.4 per cent had been attacked by decay. But in the Loetschental Valley, he found only 0.3 per cent of all teeth affected by decay.⁹

So, the Loetschental people were highly immune to cavities and yet a significant part of their diet was a sourdough rye bread. Bread is something that many dental associations believe to be a primary cause of cavities when it is left stuck on the teeth. The people of Loetschental Valley did not floss and did not brush their teeth. They even had typical deposits in their mouths but did not suffer from tooth decay. Dr Price wrote:

"[M]any primitive races have their teeth smeared with starchy foods almost constantly and make no effort whatsoever to clean their teeth. In spite of this they have no tooth decay."¹⁰

Meanwhile, during the same time period, tooth decay was a major problem for schoolchildren in modern parts of Switzerland, with 85–100 per cent of the population affected. Modern Swiss children of a similar genetic lineage, living in modern towns with access to the most advanced dental techniques of the time, suffered from tooth decay. The people did not seem to know why, and even tried regular exercise and suntanning of the children—with no relief from cavities. The cause of cavities in these modern children was not that they did not brush, and not that they lacked access to modern dental care: it had to do with the lack of vitamins in the industrialised, commercialised foods they were now eating.

The modernised Swiss no longer ate their native diets of whole rye bread, summer butter and cheese, and fresh, raw goat's and cow's milk. They replaced their carefully prepared whole rye sourdough bread with white-flour products. They substituted their summer butters and cheeses with margarines, marmalades, jams, canned vegetables, confections and fruits, all of which had to be transported to the area. They grew only a limited supply of their vegetables locally. But even in these modernised

areas, some children *did* have a high immunity to tooth decay—the ones who still ate their native diet. Dr Price noted:

"We studied some children here whose parents retained their primitive methods of food selection, and without exception those who were immune to dental caries were eating a distinctly different food from those with high susceptibility to dental caries."¹¹

On average, the modernised Swiss had a rate of tooth decay eight times higher than those who still followed their native diet. Of 2,065 teeth that Dr Price analysed in another study, 25.5 per cent had been attacked by dental caries and many teeth had become abscessed (infected).¹²

The difference between the two diets of the people of Switzerland in the 1930s indicates an important key to unlocking the body's ability to remineralise cavities. The modern Swiss who had a high degree of tooth decay still ate many similar foods to those on the indigenous diet. They ate bread and butter and drank milk. But they also added new foods to their diet that were largely uncommon in the area: sweets.

This "due homage" paid to butter is a far cry from today's dietary dictators, who say that butter is bad for our health because of its high levels of saturated fat and cholesterol.

Often the problem is not that the general food we are eating is wrong, but that there's an enormous difference in how the food is prepared and where it comes from, e.g., whether the milk is pasteurised or raw, whether the cows graze on green grass or are fed grains and hay and crammed into stalls, and whether the grains come from nutrient-rich soils or not and how they are prepared.

The difference between the modern Swiss and the isolated Swiss who were highly immune to cavities is not an enigma. Dr Price repeated his observations across the world. He found one of the most extreme examples in the Australian Aborigines.

Dr Price visited Australia in 1936. He discovered that the average rate of tooth decay among Australia's native Aborigines was zero per cent: they had total immunity to tooth decay. In contrast, he found that the average decay rate of all teeth of modernised Aborigines living on reservations and eating modern foods was 70.9 per cent.¹³ His poetic words paint an important picture:

"It is doubtful if many places in the world can demonstrate so great a contrast in physical development and perfection of body as that which exists between the primitive Aborigines of Australia, who have been *the sole arbiters of their fate*, and those Aborigines who have been under the influence of the white man. The white man has deprived them of their original habitats and is now feeding them in reservations while using them as laborers in modern industrial pursuits.¹⁴

Dr Price explained the importance of food to our overall health, and that even the Australian Aborigines, who for thousands of years maintained near-perfect physical forms, have lost their ideal beauty and health with the foods of the "white man":

"It is most remarkable and should be one of the most challenging facts that can come to our modern civilisation that such primitive races as the Aborigines of Australia have reproduced for generation after generation through many centuries—no one knows for how many thousands of years—without the development of a conspicuous number of irregularities of the dental arches. Yet, in the next generation after these

people adopt the foods of the white man, a large percentage of the children developed irregularities of the dental arches with conspicuous facial deformities. The deformity patterns are similar to those seen in white civilizations."¹⁵

We are left with a potent warning from Dr Price, which is as important today as it was 70 years ago when it was written:

"The rapid degeneration of the Australian Aborigines after the adoption of the government's modern foods provides a demonstration that should be infinitely more convincing than animal experimentation. *It should be a matter not only of concern but deep alarm that human beings can degenerate physically so rapidly by the use of a certain type of nutrition*, particularly the dietary products used so generally by modern civilization."¹⁶ (Emphasis added.)

It is this alarm and concern that I want to be in the forefront of your awareness. Our bodies deteriorate because of the modern foods we eat, and often this deterioration shows in either our teeth or our gums, or both, as they're windows into our bodies.

This degeneration is a result of our lifestyle. Yet the modern method of going to a dentist to fix the problem allows people to remain ignorant of the fact that their dietary and lifestyle habits are causing their teeth to decay. The pain or hole is temporarily fixed, only likely to return a few years later because the *real* cause of the cavity has not been addressed.

Protocol for Preventing and Remineralising Cavities

Dr Weston Price took food samples from all the indigenous groups he studied. He brought them back to his laboratory and analysed their vitamin and mineral content. He found that, on average, the indigenous diet which produces immunity to tooth decay contains four times as much of the water-soluble vitamins, such as B and C, and at least 10 times as much of the fat-soluble vitamins, such as A, D, E and K, as the displacing diet that caused tooth decay.

Dr Price's anthropological testimony, the thousands of photographs he took and his nutrient analyses of various diets show us that our modern diet does *not* provide our bodies with the vitamins and minerals needed for life, and that, as a result, many people suffer from cavities. It makes sense that cavities get worse over time, since the effects of our deficient and toxic modern diet become more and more of a burden as we age.

Dr Price incorporated the knowledge from his field studies in a nutritional program he developed for halting and remineralising cavities utilising only food. His protocol was

highly successful. Using nutrition, he helped 17 individuals with severe tooth decay reduce the rate of decay by 250 times. In this group, approximately half of all teeth had been affected by decay prior to the nutritional program. After completion of the program, only two new cavities formed within a three-year time period, which is a recurrence rate of 0.4 per cent.¹⁷

Unfortunately, Dr Price never clearly spelled out his protocol for halting tooth decay, yet, given the keys within his book, the research of Melvin Page, DDS, my own trial and error, and feedback

from other people who have healed their teeth, we can reconstruct them. Before you attempt this protocol, I want to be clear that in a minority of cases it may not work because of a factor of blood chemistry. Good food may not be able to restore everybody's body chemistry quickly enough to halt their tooth decay. Also, due to injury from environmental toxins, a deficient diet and Western drugs including vaccines, many people have lost their ability to absorb food well: chemicals have damaged their digestive tract.

In this article, I provide one solution to this problem. These guidelines are like a map, and few people will be able to follow them exactly. They are meant to point you towards what is healthy for you. It is up to your own intuition and instincts, through listening to your body and your appetite, to help you determine the best diet for yourself. This is not meant to be some masochistic experiment where you force yourself to eat foods you don't like and where you avoid foods you are craving—far from it. This advice is a pointer to some of the most ideal foods for the majority of people.

This degeneration is a result of our lifestyle. Yet the modern method of going to a dentist to fix the problem allows people to remain ignorant of the fact that their dietary and lifestyle habits are causing their teeth to decay.

Dietary Guidelines for Teeth Remineralisation

Dr Price found that the indigenous groups he studied that had the highest immunity to tooth decay, i.e., nearing 100 per cent, ate liberally—that is, frequently, daily and perhaps in every meal—from two of the following three *principal vitamin sources*:

1. Unpasteurised dairy products from pasture-fed animals.
2. Organs and muscle meat from wild fish and shellfish.
3. Organs of pasture-fed or wild land animals.

You will see that the dietary guidelines encourage the daily intake of two of these three special food categories, and that, over a week's time, all three special food categories will be eaten. If you are allergic to dairy or it is difficult to obtain, you will get the best results from utilising categories two and three daily or almost daily.

These guidelines have helped many people remineralise their dental cavities:

- Eat ½–4+ tablespoons organic/wild liver 2–3x daily with meals, *together with*
 - ½–2+ tablespoons of yellow butter 2–3x daily with meals.
- Drink 2+ cups daily of raw/unpasteurised milk from grass-fed cows, goats, sheep, camels or buffalos. Drink as much milk as your body desires. Drink at room temperature if possible.
- Drink 2 cups daily of fish stock, made from wild fish carcasses which include at least the head and ideally the organs (recipe at www.westonaprice.org/foodfeatures/broth.html).
- Eat 2–4 tablespoons daily of bone marrow from wild or pasture-raised animals.
- Eat as much as you desire, preferably daily or several times daily, of uncooked wild fish or uncooked pasture-raised meat. (Cooking meat is fine, but it is usually just easier to digest it uncooked. You can also marinate the meat and fish or cook it rare or medium rare.)
- Eat as much as you desire, preferably at least once daily, of raw, fresh oysters, clams or similar molluscs.
- Eat substantial quantities of vegetables such as beet greens, kale, chard, zucchini, broccoli, celery, string beans and carrots.
- Eat the various organs of any pasture-fed or wild animal three times weekly or more often.
- Drink 2–4 cups of raw fresh vegetable juice daily, in between meals. Make sure to limit the use of sweet vegetables such as carrots and beets. The juice should primarily consist of a celery and parsley mix. Use one bunch of parsley per one bunch of celery, as described in the Primal Diet¹⁸ suggestions. This juice may require a small amount of clay to neutralise toxins.

I would advise that people who have difficulty digesting animal protein should eat it in small portions: about 1–2 ounces per meal, spread over up to five meals per day. You can eat as much protein as you desire. Protein should be eaten with plenty of fat. I do not recommend or encourage eating lean cuts of meat or meat with the fat removed. For some people, too much protein is difficult to digest. You should eat protein with lots of green vegetables or you should drink vegetable juice often. (Estimates from the Melvin Page food plan suggest that if your ideal body weight is 90 pounds, you need to eat six ounces of protein per day; if 150 pounds, you need 10 ounces per day; and if 200 pounds, you need 13 ounces per day.) By eating several meals per day that include protein and other foods high in

vitamins and minerals, you help limit blood-sugar fluctuations and nutrient deficiencies which promote tooth decay.

Raw Egg Tooth-Building Formula

For those who have difficulty with absorbing nutrients from foods, organic or high-quality raw eggs help heal this problem. But I warn you, you may initially get sick if you do not regularly eat this special food. Raw eggs can promote an intense detoxification as your body cleanses old, stuck chemicals. (One time I ate raw eggs from the farm, and valium, a drug I had taken 15 years earlier, started detoxifying from my body. I knew it was valium because of its unmistakable feeling, and I was violently ill for about one day.) So, try this blend:

- 1 cup raw milk
- ½ cup raw cream
- 2 raw eggs

Optional: a small amount of unheated honey or stevia for sweetness; vanilla extract, carob powder or nutmeg for flavouring.

Special Food Sources

Being that this is an international publication, I cannot provide all the information to locate the best sources of the foods I recommend. Usually, buying from farmers' markets and directly from farms is the best way to obtain high-quality foods from pasture-fed animals, including unpasteurised milk (unfortunately, unpasteurised milk cannot be legally sold in some locations). Many fish merchants provide the whole fish caught in the wild. You can also contact a local chapter of the Weston A. Price Foundation (a list of chapter contacts is at www.westonaprice.org/localchapters/index.html). Some chapters will be able to refer you to high-quality food sources.

Yellow butter contains an important factor that Dr Price labelled as "Activator X", which helps the body bond minerals to the bones. When cows eat rapidly growing green grass, the fat in their milk contains this factor. This usually occurs during the spring and summer time, depending on the environment. Ideally, this butter should come from unpasteurised milk sources. If you have difficulty finding local yellow butters, two large producers have high-quality pasteurised yellow butter that should be available in many parts of the world: Kerrygold Butter from Ireland (www.kerrygold.com) and Anchor Butter from New Zealand (www.anchorbutter.com).



Figure 2. Cavities Remineralising. Nature can close an exposure of the pulp due to dental caries by building a protecting wall within the pulp chamber when the nutrition is adequately improved.¹⁹

Foods, Beverages and Products to Avoid

Knowing what *not* to eat is almost as important as knowing what *to* eat. It is important not to cheat on this advice, which also relates to beverages and other products.

So, avoid these items:

- Sugar: white sugar, brown sugar, organic sugar, evaporated cane juice, corn syrup, commercial jams (exceptions: totally unheated honey, organic untreated maple syrup, rapadura, stevia). Many sweeteners still encourage tooth decay; if you have a severe or difficult case, only use stevia and avoid all other sweets.

- Flour and grain products: white flour, wheat flour, organic flour, any unsoaked grain products (examples: bread, crackers, cookies, doughnuts, breakfast cereals, muffins, pastries, tortillas, bagels and sandwiches). Most store-bought flour products, even from the health food store, need to be avoided.

- Hydrogenated oils: margarine and low-quality vegetable oils, soybean oil, Crisco®, canola and safflower. Replace these with organic coconut oil, organic palm oil, organic olive oil or butter, suet or tallow.

- Any type of junk or convenience food or modern fast foods.

- Coffee, soft drinks, Nutrasweet® (aspartame) and anything with artificial flavours, artificial colours or artificial ingredients.

- Soy milk, low-quality protein powder and excess tofu.

- Pasteurised milk, even if it is organic.

- Non-grass-fed meat and eggs, and farm-raised fish.

- Alcohol and cigarettes.

- Drugs including most recreational drugs, prescription drugs and vaccines.

The Secret to Halting Cavities

Through blood tests, dentist Dr Melvin Page pinpointed the cause of tooth decay in modern people. When our blood chemistry is out of balance, primarily from the consumption of processed foods (especially sugars), the ratio of calcium to phosphorus in our blood deviates from normal. (Dr Page advised that the ratio should be 2.5 parts calcium to one part phosphorus, and that a critical point of 8.75 mg of calcium and 3.5 mg of phosphorus per 100 cc of blood, with normal blood sugar levels, creates immunity to tooth decay.²⁰) When this happens, minerals are pulled from the dentin and bones, causing tooth and other bone loss. So, sugar causes tooth decay because it depletes nutrients from the body, not because bacteria eat it and produce acid.

In order to restore the ratio of calcium and phosphorus in our blood and to enable minerals to bond onto the teeth, it is usually not sufficient just to avoid eating too much sweet or processed food. We must eat *building* foods containing potent amounts of minerals and vitamins to create a chain reaction that will build glassy-hard tooth structure in place of decayed tooth structure.

Freedom from Tooth Decay

This article describes some key aspects of how you can be free of tooth decay and avoid those pesky root canal fillings. Our teeth can rebuild themselves and cover themselves over with a hard and glassy layer, provided that we give ourselves the right kind of nutrition. My book, *Cure Tooth Decay: Heal and Prevent Cavities with Nutrition*, describes how to live without tooth decay and how to heal your teeth with good nutrition. It provides a more detailed description of the special foods to eat and a more in-depth analysis of tooth decay and its various aspects.

You can minimise your tooth decay, prevent it entirely and even heal tooth decay once a cavity has formed, provided that you make good choices for yourself based on knowledge of decay-free indigenous peoples. Learn these lessons and take the wise approach to healing and preventing tooth decay using unprocessed foods as nature intended.

You *can* learn how to live without tooth decay. You *can* heal and prevent cavities.

About the Author:

Ramiel Nagel, based in Los Gatos, California, has a BA in Legal Studies from the University of California at Santa Cruz. He has a background in intuitive energy healing as well as in *hatha* and *bhakti* yoga. Rami became deeply interested in natural health because his daughter was suffering from tooth decay. He has developed many free Internet health resources in the spirit of serving others. He is the author of *Cure Tooth Decay: Heal and Prevent Cavities with Nutrition*, available from website <http://www.curetoothdecay.com> as a digital or print copy (see review in this edition). Rami is completing a manuscript, *Healing Our Children: A Revolutionary Guide to Preconception, Pregnancy and Early Childhood Health*, to give parents the tools to understand and thus prevent many disease conditions of pregnancy and childhood (see the websites <http://www.healingourchildren.net> and <http://www.preconceptionhealth.org>). For professional enquiries, email the author at yourreturn@gmail.com.

When our blood chemistry is out of balance, primarily from the consumption of processed foods (especially sugars), the ratio of calcium to phosphorus in our blood deviates from normal.

Endnotes

1. Price, W. A., *J. American Dental Association*, 1936, p. 888.

2. Price, W. A., *Nutrition and Physical Degeneration*, Price-Pottenger Nutrition Foundation, La Mesa, 2004, 6th ed., p. 415.

3. American Dental Association (ADA), "Tooth Decay", FAQ, http://www.ada.org/public/topics/decay_faqs.asp.

4. Centers for Disease Control and Prevention (CDC),

<http://www.cdc.gov/nccdphp/publications/aag/oh.htm> (regarding figure 1);

<http://www.cdc.gov/MMWR/preview/mmwrhtml/ss5403a1.htm> (regarding statistics extrapolated from table 17).

5. Price, *Nutrition and Physical Degeneration*, op. cit., p. 26.

6. *ibid.*

7. *ibid.*

8. op. cit., p. 27.

9. op. cit., p. 34.

10. op. cit., p. 293.

11. op. cit., p. 35.

12. op. cit., p. 38.

13. op. cit., p. 441.

14. op. cit., p. 171.

15. op. cit., p. 174.

16. *ibid.*

17. op. cit., p. 295.

18. The Primal Diet is described in: Vonderplanitz, Aajonus, *The Recipe For Living Without Disease*, Carnelian Bay Castle Press, Los Angeles, 2002.

19. Price, op. cit., p. 289.

20. Page, M. and Abrams, L., *Your Body Is Your Best Doctor*, Keats Publishing, New Canaan, 1972, p. 196.

A TREATISE ON ELECTROSMOG RESEARCH

*This physicist and
alternative health
practitioner turned
to scalar wave
technology when
researching how to
protect his patients
against the
biological stress
caused by
electromagnetic
pollution.*

by **Walter Laufs**

© February–March 2007

Downloaded from the web page:
[http://www.innerglow.com.au/
data/innerglow/research.pdf?
PHPSESSID=30c55a2f17faae
723211cc49654af73d](http://www.innerglow.com.au/data/innerglow/research.pdf?PHPSESSID=30c55a2f17faae723211cc49654af73d)
(or <http://tinyurl.com/yrm7vv>)

Investigating the Environment

Coined in the 1970s as analogous to city smog—which refers to the accumulation of exhaust and industry fumes, soot and a host of other chemical contaminants that form to become hazardous concentrations—the term *electrosmog* (*e-smog* for short) is a blend of the words "electro" and "smog". Against the backdrop of today's electromagnetic environment, this catchword denotes an analogous situation in which fields of differing frequencies and intensities interfere with one another.

Hence, e-smog is the umbrella term denoting *environmental pollution due to electromagnetic fields and radiation*.

Due to personal circumstances that I was unable to influence, my life took a most unexpected turn in 1972 when my first wife, Margret, had to undergo a severe operation. Even though she had come through the surgery successfully, full recovery was nowhere in sight even many months later. This was a mystery to us, which even the specialists were unable to solve let alone understand. When asked to explain what was going on with Margret, their standard reply was, "She'll be fine" or "You've got to be patient; this takes time".

In my estimation, these statements were a reflection of the specialists' appalling incompetence, and my subsequent research would prove that my scepticism of the doctors' diagnoses was alarmingly justified. According to my research, it is totally uncommon for the recovery time following surgery to drag on for months on end; this fact prompted me to insist on more tests and examinations, all of which went to prove that, apparently, my wife was "as fit as a fiddle". Then, one day, we were given the fateful diagnosis which would change my life forever: *vegetative dystonia*.

This, then, was the ominous verdict, the explanation (in my view, it was more of an embarrassing excuse than a serious diagnosis) for my wife's unremitting debility. This diagnosis, issued by a so-called "specialist", brought home the message of just how much—or, rather, how little—it takes for orthodox medicine to be at a total loss for words (i.e., a proper diagnosis) and for an adequate cure. A trusted friend suggested we contact a naturopath, which we did. At our first interview, I immediately noticed that his overall approach differed fundamentally from the way orthodox medicine would have handled the situation. It seemed logical to me that as he set out to determine the root cause of my wife's deplorable condition, he would also consider the environment. This was my first contact ever with a naturopath who also happened to be a *baubiologist* (building biologist).

This and subsequent contacts with naturopaths were the determining factors which helped me decide to turn my back on orthodox medicine for good. My next step was to go back to school and study to become a naturopath and a *baubiologist*. I graduated in both fields, having studied physics and medicine at university earlier in my life. This move would prove to be the foundation stone for my future research. Unfortunately, my newly acquired knowledge was of no help to my wife. Following two more operations, her condition severely deteriorated and she died two weeks later.

My wife's death made me realise one thing in all clarity: when treating a patient, it is of the utmost importance to look beyond the symptoms and search for the root cause of the disease, which must always include a careful examination of the patient's environment. I was shocked to see—and these were by no means isolated cases—that in my immediate environment there were people suffering from all manner of disease, while the medical professionals were at a complete loss to find proper explanations for the problems let alone to assess which treatments to apply. This was the moment when my curiosity was aroused and I decided to do some thorough and systematic research of the subject matter.

At the time, however, I was not yet in a position to do any medical examinations or tests; consequently, I focused my attention on the physical aspect of my research, i.e., to determine to what extent environmental pollution/stress—e-smog in particular—would affect people's health. One has to bear in mind, though, that back then e-smog awareness was still in its infancy and the general public didn't quite know what to make of it or whether or not it posed a health risk at all.

During my research, I came across an interesting fact: the majority of the people in my environment who, like my deceased wife, Margret, had been diagnosed with a vegetative or idiopathic condition were suffering almost the same symptoms as electrohypersensitivity (ES) sufferers. For many years I had been researching this particular phenomenon long and hard, and was hence qualified to attest to the unswerving accuracy of my observation. In the course of time, it became increasingly clear to me how these patients could be helped, and several years later I was able to put my ideas and theories into practice in my Naturheil und Allergiezentrum Friedrichshöhe (Naturopathic and Allergy Treatment Centre Friedrichshöhe). It was in my clinic in the Black Forest where, over the course of eight years, my second wife, Waltraud, and I conducted intensive research into e-smog and other environmental factors. This research included double-blind studies on large groups of patients.

Before we were able to begin with our research, however, we had to evaluate the files of several hundred of our patients in order to determine possible ES sufferers. This was necessary so that we could put together a control group for the double-blind studies. In addition, we had to develop a method to measure the efficacy of our treatments on the patients. Double-blind studies cannot be realised until such methods are in place. During this preparatory stage, we also had to interview a vast number of our patients to obtain their consent for their participation in the studies to be conducted. Upon completion of this extremely time-consuming phase, I was finally able to dedicate myself entirely to my research.

E-smog Protection and Scalar Wave Technology

The task at hand appeared uncomplicated at first: we were going to procure all of the e-smog products that were so abundantly available on the market, painstakingly scrutinise them in terms of their alleged efficacy and eventually pick out the most efficacious product/s which we would then use to treat our patients. This strategy carried out, it soon proved to be fallacious due to the fact that—the huge number of e-smog products notwithstanding—the double-blind studies failed to produce conclusively positive results. This realisation was depressing.

Given the disappointing test results, I was more or less forced to develop e-smog protection devices of my own, which had to meet my very demanding requirements. These products needed to be of a universal nature and affordable; they were not to require any building alterations or refurbishments; they had to stand their

ground during severe technical testing; and they needed to prove their efficacy in double-blind studies and other methods of testing.

Following more extensive research in physics, I realised that the solution which would meet my high quality standards could only be found in the realm of *scalar waves* (or *longitudinal waves*), which Nikola Tesla had already described and the existence of which Aharonov and Bohm (1959), Bearden and Sweet (1986), Bearden et al. (2001) and Prof. Dr-Ing. Konstantin Meyl (1996–98) had experimentally and irrefutably substantiated. However, the existence of scalar waves continues to be rejected by orthodox science.

So, deciding to develop a technology based on scalar waves—and subsequently terming it iHIT®™, an acronym from *inverted harmonised information technology*—came easily and naturally. After all, in the course of many years, I had seen the phenomenal efficacy of subtle energies during bioresonance therapy, among others, which I had used to treat our patients (having modified my bioresonance devices and adapted them to my own ideas).

When I decided to make use of the principles of scalar waves for future implementation into highly effective e-smog protection devices, I was fully aware that it would be difficult to explain their mode of action. But before I could put my theories into practice and eventually start to manufacture my own e-smog protection devices, I had to develop and manufacture new instruments.

Meantime, Waltraud and I, along with the naturopaths working in our clinic, were able to reverse most of the fatal diagnoses given by GPs by giving the patients' immune system a massive boost so the body would regain its self-regulating and self-healing powers. Oftentimes this regime would lead to the patients' complete recovery. Based on my experience of many years as a naturopath and a physicist, I know today that disease only happens when the body can no longer tolerate, handle and self-regulate an assault.

Surprisingly, science does not seem to have a problem with certain

processes, e.g., those happening inside the bio-organism, the atom or in the galaxy, regardless of the fact that those processes cannot be directly observed. What can be observed, however, are the effects produced by these processes. Effects always happen in accordance with certain principles of law and order, and their thorough and unbiased analysis allows for explanations of certain phenomena in the realm of the nonvisible/nonmeasurable. If the same scientific yardstick were applied to the realm of subtle energies, careful analysis of their effects, too, would allow for explanations of certain phenomena in the realm of the nonvisible/nonmeasurable. In this case, however, homoeopathy, bioresonance, the biophoton research of German physicist Prof. Dr Fritz-Albert Popp and the findings of Dr Nikola Tesla equally would have to be attributed the importance they deserve.

The Energy Information Web

The idea of an energy-information web linking man with his environment is far from being a new discovery. In the 1920s and

**Based on my
experience of many
years as a naturopath
and a physicist,
I know today that
disease only happens
when the body
can no longer
tolerate, handle
and self-regulate
an assault.**

1930s, influential Russian natural scientist Vladimir I. Vernadskij described, among other things, the existence of the biosphere (a term which has since become common knowledge) and warned that man was not to be cut off from the environment. Vernadskij said that everything in Nature is intricately linked with one another, and that organic life on Earth is integrated into highly delicate regulatory processes and linked with the environment's electromagnetic fields. Furthermore, life is not to be reduced and restricted to the current laws of physics and chemistry. He emphasised that it is totally inadequate to describe life on the basis of material and energetic criteria alone, and prophesied that scientists of the future will have to go beyond the current scope of science and, aside from matter and energy, add new factors, one of which would have to be information.

There is a steadily increasing number of top-class scientists who share Vernadskij's view. Yakir Aharonov, Professor of Theoretical Physics at the University of Tel Aviv, Israel, and at the University of South Carolina, USA, is an authority on quantum physics. Four or five physical phenomena have been named

after him; for example, the Aharonov–Bohm effect. Asked to comment on the subject of information, he replied: "Biophotons are the body's information carriers." Canadian biophysicist J. Bigu del Blanco succeeded in measuring both electromagnetic radiation and its absorption, thus documenting the exchange of information among cells.

According to Prof. Popp, there are some 40 research teams worldwide—predominantly in Japan, China and India—pressing ahead with biophoton research. Supposedly investing up to US\$100 million annually, Japan is developing a full-body photon scanner. Research results, particularly the work of Popp, have shown that the DNA is a kind of "electromagnetic aerial" which absorbs information and passes it on to the cells.

Based on the mountain of solid scientific findings, it can be unequivocally concluded that the body's information processes are the key to each and every life process. Moreover, it can be deduced that information is the all-empowering and controlling entity regulating any and all of the body's functions. Life without information would be impossible.

Information comes in many shapes and sizes. The perceptions of the five senses—seeing, hearing, feeling, smelling, tasting—are processed according to the same laws and in an identical fashion in every human being.

However, the interpretation of the information accompanying sensual perception happens on an individual basis and varies from person to person. While this phenomenon can be explained logically, it is impossible to measure it physically. On the other hand, what definitely can be measured on a physical and chemical level are the body's reactions to information.

Countering E-smog Interference

This brings us to the central point of my e-smog research. In my view, the only effective protection against e-smog would have to be developed on the basis of scalar wave technology. I was privileged to have had the chance to run innumerable tests and elaborate studies on my patients, all of which would help me develop my theories and before long bring about most tangible results.

In the course of the ensuing eight years, I was able continually and consistently to optimise these results in my naturopathic and allergy treatment centre. In addition, I was able to test all the products I had developed on a great

number of the most diverse patients. This is how I was able to help a lot of my patients get back on the road to full recovery, while the multiple test-runs on my patients allowed me to obtain valuable results pertaining to the question as to whether or not e-smog is really a health hazard.

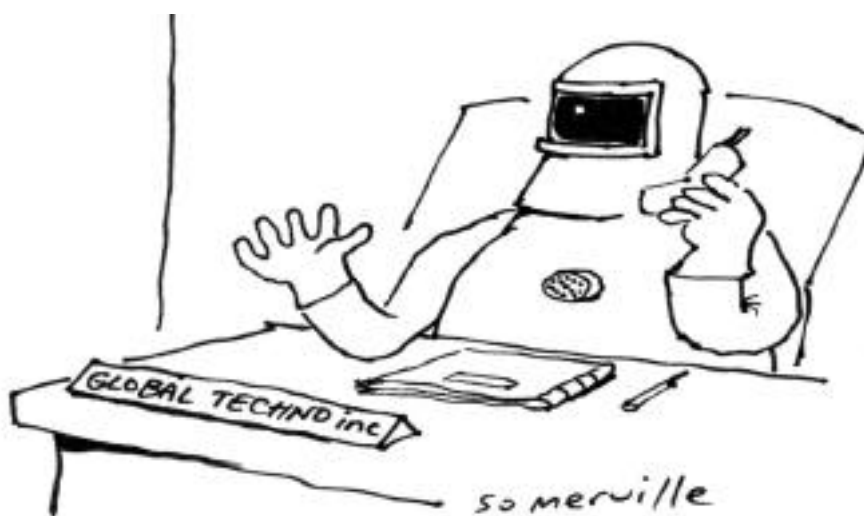
I examined various diseases, symptoms and "just" mild complaints, wondering if there was a possible connection to e-smog as the root cause. The results I came up with were similar to those obtained in biophysics: so long as the information

transfer to and inside the body is disturbed, the body's health will automatically be compromised.

With e-smog, the biggest interference factor is not the strength of the current but, first and foremost, its *frequency*. It is not the intensity of the electromagnetic stress which is disturbing; rather, it is in the specific frequency and the wavelength thereof. This fact has been corroborated by numerous international scientific studies. Given this backdrop, it becomes evident that all the talk about safety levels is missing the point because electromagnetic fields, regardless of their intensity, can become biologically active on a cellular level. Following extensive testing in my clinic on various disease patterns, I was able to observe and conclusively confirm this statement.

The list of patients who had come to our clinic after having been treated with allopathic and/or homoeopathic/alternative protocols

...all the talk about safety levels is missing the point because electromagnetic fields, regardless of their intensity, can become biologically active on a cellular level.



"I assure you, there is only a negligible trace of EM radiation from our phones."

is long (in the majority of cases, these protocols failed altogether; while in a handful of cases, only short-term relief was accomplished). Some of these patients also went to get psychiatric help, but clearly not because they were actually mentally disturbed. Imagine having a health complaint and nobody to believe you. Even the psychiatrists to whom those (conveniently labelled) "hypochondriacs" turned for help thought that they were hallucinating; after all, no organic failure could be evidenced.

It had become standard procedure for us to consider environmental factors during diagnosis and treatment alike. We recorded our findings over a 12-month period and, following subsequent data evaluation, we were looking at some most interesting statistics indeed:

- 20 per cent of our patients showed a rapid, in several instances spontaneous, improvement in their condition. These results were caused merely by applying the e-smog protection products I had developed; no medical treatment of any kind was applied.

- 75 per cent of our patients were resistant to therapy to a greater or lesser degree. Once my e-smog products were applied, however, their resistance phased out consistently. Thanks to our individually tailored, customised therapies, we were able to completely stabilise those patients.

- five per cent of our patients experienced a temporary improvement of their condition as a result of applying our e-smog products, while resistance to therapy persisted.

Convinced by these results, I concluded the technical research of my e-smog protection products, the effectiveness of which had been amply proven, just as my choice of scalar wave technology (iHIT®™) had been.

Next, I needed to address the following question: how can the effectiveness of my e-smog products be

explained from a medical perspective? Pressed for an answer, we set out to evaluate all of the therapies and tests we had applied and conducted over many years. As a result, we gained more insight into the e-smog issue, and on that basis we were able to break down the workings of e-smog into three stages:

- **Stage 1 – Disorder:** The body's homeostasis becomes compromised. At this stage, most patients complain about sleeping disorders, loss of appetite, nervousness, headache and lack of concentration.

- **Stage 2 – Impact:** Any symptoms become more pronounced and tangible. Hyperactivity (in children), rheumatism, migraine, depression, proneness to allergies and consequently a reduced immune response can be observed.

- **Stage 3 – Disease:** Commonly, all manner of irreversible disease may manifest unless e-smog stress is reduced.

Each organism reacts individually to environmental impact, including electromagnetic fields. The determining factors in the development of an illness caused by e-smog are: the intensity of the stress, and the length of time during which the stress is applied.

Is it possible to give a globally acceptable threshold value which could predictably determine the outbreak of an e-smog-related disease? Given the above observation, the answer is a resounding "No". The individual's stress tolerance, which varies from person to person, is the determining factor here.

Simply put, e-smog creates an artificial stress situation in the bio-organism which, in turn, affects the metabolism as well as the

production of hormones (melatonin, to mention just one example). Maintaining the same daytime stress levels throughout the night will have an effect on the body's essential regeneration phase, steadily increasing the risk of falling ill due to permanent stress overload. This is why a stress-free sleeping environment and a stress-free workplace are crucial, if not downright vital.

Following patient data evaluation, we were able to conclude that:

- 1) depending on both their physical size and duration of impact, electromagnetic fields cause additional "technical stress";

- 2) unless e-smog-causing factors are brought down to individual tolerance levels in good time, the body may experience health complaints of all types, including serious disorders; and

- 3) basically, it can be said that children, adolescents, the elderly and people with a low immune response are particularly more prone to e-smog-related complaints than people with a reasonable constitution.

Based on these findings, I had found the answer to the active principle in my products, which is also reflected in my iHIT®™ technology: the products reduce e-smog-induced stress factors, thus relieving the immune system and reactivating the body's self-regulatory properties.

Simply put, e-smog creates an artificial stress situation in the bio-organism which, in turn, affects the metabolism as well as the production of hormones.

Whether or not a person is "stressed" depends on the information forwarded by the sensory organs. New stimuli are compared to every past experience, following which they are classified and stored. In accordance with the transmitted information, the body responds by activating a chain reaction of measures. These are completely normal processes, happening a million times per second, unnoticed. Sensory input, of which we consciously register only a minute percentage, is processed in different centres in the brain. More than 99 per cent of all sensory input is blocked

and remains buried in the unconscious mind. This unique mechanism protects the body from overstimulation.

It is evident that stimuli selection, i.e., which stimuli someone chooses to perceive consciously, must vary from person to person. In a stress situation, the body reacts in its entirety. Hormones released by the amygdala of the limbic system activate the body's fight or flight response. With the stress situation over, stress hormone levels come down and the body returns to normal mode. However, if the stress situation persists—as is the case with e-smog, for instance—the body remains alarmed and in alert mode, thus depleting oxygen levels in the blood, blocking the body's immune system and self-healing mechanisms and possibly manifesting stress-related complaints. It is a fact that permanent stress exhausts the body's energy supplies.

Due to the positive results I had gathered in the course of over 20 years, I was finally able to conclude my (solely privately funded) research and development projects, which had seen their share of ups and downs. This is not to suggest, however, that my work is done or that it ever will be. As long as people's health continues to be compromised by (technical or chemical) environmental contamination, I will accept and rise to the challenge to make a difference and bring about viable solutions.

Science Behind Adverse Biological Effects

The myriad stressors summarised under the umbrella term of "e-smog" have an immediate effect on cell physiology and

consequently on the control mechanism of the body. This fact is vehemently denied by the industry, of course. The powers-that-be do not shrink from exerting pressure on those people who beg to differ and who are bold enough to go public with their views (e.g., see the work of Robert O. Becker, MD). However, it can be ascertained without a shadow of doubt that the impact of external electromagnetic fields produces reactions in the bio-organism because cell communication happens at several thousandths, even millionths, of a volt, as EKG and EEG measurements attest. The body's electrochemical shifting streams are in the range of microamps (μ A). A pacemaker, for instance, controls the clock frequency of the heart at a mere 8μ A (0.000008 A). Adverse health effects are possible because the bio-organism is exposed to technically produced electromagnetic alternating fields which are many times stronger than the body's currents (see Becker) and whose frequency interferes with and irritates the body's regulatory mechanism.

Adverse biological health effects caused by e-smog are a result of:

- the field force or power flux density of the technical signals;
- the type of field (magnetic field, electric field) as well as its modulation, pulsation and frequency;
- the sufferer's sensitivity; and
- the induction period.

Aside from the results I was able to obtain during my many years of extensive research, there are numerous international studies corroborating my conclusion that e-smog is seriously compromising the health of bio-organisms (humans and animals). And yet, as if in defiance, vast numbers of officially recognised scientific studies continue to purport without the slightest embarrassment that e-smog radiation is harmless.

One of those remarkable papers was published on 13 June 2001 by the SSK (Strahlenschutzkommission; Commission for Radiation Protection), a German government authority. In its 56-page treatise, entitled "Grenzwerte und Vorsorgemaßnahmen zum Schutz der Bevölkerung vor elektromagnetischen Feldern – Empfehlung der Strahlenschutzkommission" ("Safety Limits and Precautionary Measures for the Protection of the Population against Electromagnetic Fields – The SSK's Recommendation"), the commission arrived at the amazing conclusion that electromagnetic radiation does not pose a health risk. In response, German MD and scientist Dr Karl-Heinz Braun von Gladiss did not mince his words: "The SSK's treatise...serves as a prime example, proving the point that experts are prepared to restrict their views and mindset in order to avoid obtaining inconvenient results."

In my view, the only conclusion to be deduced from the following reflections is that e-smog must pose a health risk.

Electromagnetic fields have *thermic* and *athermic* effects on bio-organisms. As yet, science has been unable to prove the existence of athermic effects. Science proceeds according to two assumptions which might very well be applicable to technical systems but which are totally incompatible in the case of biological systems:

1) When applying the specific absorption rate (SAR), it deduces (erroneously, in my view) that low-intensity electromagnetic fields similarly have less pronounced effects on the inside of the body.

2) It postulates that the skin effect which is relevant for technical conductors is equally significant for bio-organisms.

Pertinent to the skin effect, energy penetration into the core of the technical conductor becomes less pronounced as the frequency increases. In other words, an increase in frequency allegedly allows for less energy to penetrate the bio-organism (specific absorption). It is hence inferred that the current density near the surface of the conductor is greater than that at its core. That is, the electric current tends to flow at the "skin" of the conductor. This observation pertaining to technical conductors is then applied to electrically conductive human tissue.

This deduction is wrong because, in living organisms, the surface of the bio-organism is linked with its organs reflexively (i.e., caused by a reflex). It follows that weak surface stimuli oftentimes produce particularly strong effects inside the bio-organism. In biological medicine, this fact is systematically applied. In acupuncture and reflex zone therapy, minute surface stimuli are applied to produce disproportionate depth effects.

Moreover, the results must be considered adulterated so long as the stress impact is averaged. If the field intensity of a pulsed signal is arithmetically averaged over a certain period of time, this amounts to nothing more than playing with statistics. This has nothing to do with concrete biological effects which depend on peak value, long-term exposure and stimuli rhythm. Based on this erroneous belief, scientists do not rate the effects of the concrete impulse but, rather, its averaged impact within a specific time-frame. The inadequacy of this method is best described in the following example. Suppose person A is repeatedly hitting person B on his toe with a hammer. According to orthodox research, the impact would be perfectly tolerable; after all, the foot is not being

hit continuously (i.e., there are brief recuperation phases between hits) and the impact is averaged in proportion to time exposure.

Orthodox science's stance on e-smog research is succinct and straightforward: nonthermic effects that have been caused by resonance phenomena cannot be confirmed to date. At the end of the day, this statement speaks volumes about orthodox science's integrity and the methods it applies in conducting e-smog "research".

Inverted Harmonised Information Technology

The basis for the development of this unique and acclaimed iHIT[®]™ technology was my appreciation of natural science, which states that not everything can be measured or weighed at this time and that the "real action" is actually happening in the realm of subtle energies (in stark contrast to the concept expounded by the establishment). In the Far East, this notion is common knowledge and quite naturally applied on a daily basis.

If the field intensity of a pulsed signal is arithmetically averaged over a certain period of time, this amounts to nothing more than playing with statistics.

Continued on page 80

THE NAADI PALM LEAF ORACLE OF INDIA

*Collections of
Sanskrit and Tamil
writings on palm
leaves contain
personal messages
for individual
seekers as well as
prophecies about
global crises, and
are said to have
been dictated by
the Indian avatar
Shiva about 5,000
years ago.*

by Angela and
Andrew Donovan © 2008

Email:
webmail@angeladonovan.com
Website:
<http://www.angeladonovan.com>

If someone in a strange country said they could read your personal past, present and future from ancient Sanskrit or Tamil inscriptions written on an old palm leaf, would you be sceptical? My husband certainly was. In 2004, Andrew and I were invited to a wedding in Kashmir. This meant a major decision was needed, as we live in the UK and Kashmir is not exactly "up the road", so to speak. After procrastinating until it was almost too late, out of the blue Andrew suddenly said, "Come on, let's go!" He was so sure about it that I found myself saying, "Okay, let's RSVP and book the flights". And with that, the sense of synchronicity I'd felt at Andrew's sudden change of heart began to grow in earnest.

Just before we left, a friend in Los Angeles told me about the Naadis and how much they'd impressed Deepak Chopra with a "reading" for him. I'd never heard of them but was immediately intrigued and wanted to meet them if we could while we were out there. I won't go into the details of exactly how, but we did, and it changed our lives. For both of us it was the experience of our lifetimes and, as Andrew will explain, since then nothing's been quite the same—especially for him.

— Angela Donovan

ANDREW'S STORY

To all you curious, open-minded and well-read NEXUS people out there, it's somewhat embarrassing to confess that Angela and I (equally curious, open minded and well read) should have had our lives fundamentally changed by meeting some old palm leaves—two of them, in fact—that spoke to us in a language we didn't understand, in a country we hadn't been to before, at a time we hadn't expected to be there.

Well, in Angela's case perhaps her life didn't so much change as find many further positive reassurances, but, for me, meeting my particular "leaf" was a shocking revelatory experience for which I was totally unprepared. Sceptic that I was (and still am in many ways), nothing had prepared me for what the Naadis showed me that day: proof that my soul's destiny had been etched in staggering detail, by someone who could never have known me, countless years ago, on a leaf of all things—one that related to me, and me alone.

Naadi palm-leaf readings

Yes, in India they have leaves that can do all that, and do it every day for hundreds of other people in just the same way—and, as we found out, do a whole lot more as well. For these are not just any old leaves: the inscriptions on them were first dictated thousands of years ago by several great Indian Rishis or sages (in our case, Sri Kausika), since which time they have lain dormant—at their choice—awaiting the exact moment of their predestined rendezvous with whomsoever they belong to.

But before you find all that out, you need to get started. Assuming you've been able to find an honest and trustworthy Naadi practitioner (it's not easy), the first thing is to leave him with your thumbprint—right hand for men, left hand for women—three impressions of which you carefully place in a ledger full of such prints, each one the start of a journey just like yours. You then initial them, adding only the barest details about yourself—Christian name, male or female, the day's date and an address or telephone number where you can be reached—and leave. The Naadi reader asks for nothing else—no nationality, occupation, age, surname, etc.—and very politely will usher you out the door.

Next, the reader examines your thumbprint to find the significant markings—the "dots", "crowns" and other impressions—that he seeks. And while each print is unique, to the

Naadi reader the number and grouping of the "crowns", etc., enable him to reduce the total number down to 108 basic types or "categories" covering the whole of humanity. So the next step is to find which "category", if any, your print falls within, for the Naadis offer no guarantees.

Very politely again, the reader will inform you that a significant percentage of the world's population cannot be found this way. For while the Naadi reader does not care and will not ask you which country, faith, religion, creed or colour you are, he remains certain of one thing: whoever is destined to come and meet their leaf will come, for "whoever wishes to look into the leaves will go to them of their own accord".

Even when your "category" is found, locating your leaf within it can take hours, days, weeks or even months, for finding yours amongst a number equating to a large proportion of the world's population can take some time—hence the "categories". Leaves with similar basic parameters are bunched together in bundles, each numbering up to 100 leaves, that largely correspond to the features on your thumbprint.

Armed with four or five such bundles, the reader will then call you in, hoping to reunite you with your leaf. This means checking the validity

of each leaf until yours is "found" or no bundles remain (in which case they may send out for more from their archives, with the process repeated at a later date). You will also need a translator, for the Naadi readers are not necessarily fluent in English any more than you are in their Urdu, Telugu or Sanskrit.

And believe it or not (I still have trouble with this), it's not actually up to you at all, or even the Naadi readers, whether you get to meet your "leaf" or not. However incredible it sounds, it's the "leaf" that decided all those centuries ago the precise date and time it will meet up with you, and even though you're sitting there, hoping to meet it, it may still not appear. Many seekers leave the Naadis having found their category but not their leaf, as

it decreed it was "not the time" to do so.

The actual checking is done by the reader, who asks for confirmation on matters covered in the Sanskrit or other writings on the leaf; that is, he/the leaf will say, "You are a Brahmin" or "You have two sisters, both alive" or "You have moved house, eight or nine months ago" or whatever, to which you answer "Yes" or "No" as appropriate, and nothing more. This can go on for quite a while, and with each "No" the leaf is discarded and the reader moves on to the next, whereas a "Yes" means he stays with that one until he gets a "No"—or if all your answers continue to be "Yes", after several more he'll smile delightedly and agree it is your leaf.

**However incredible it sounds,
it's the "leaf" that decided
all those centuries ago
the precise date and time it
will meet up with you...**

And take it from me, by then it means a very great deal. For by now you'll have transcended a vast range of wholly unexpected and conflicting emotions—suspicion, distrust, disbelief, arrogance, surprise, disappointment, laughter, shame, guilt, fascination, delight, shock, horror, sadness, grief, grudging recognition and utter amazement—all in about 40 minutes or so (in my case). And by the end of it you'll be sitting there sweating, having trouble breathing, and staring hard at a strip of palm leaf covered in minuscule scribbles on the table in front of you,

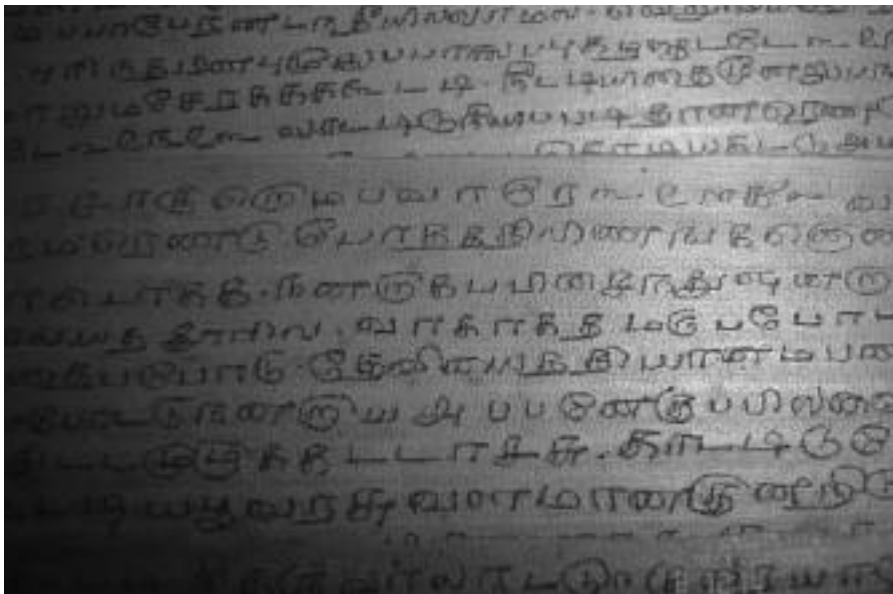
knowing that without any doubt everything written on that leaf, however many years ago, is about you, and only you... It's your DNA sitting there and no one else's, and even more amazingly you had absolutely nothing to do with it or even knew it existed until that moment.

Yet by then (in my case), the leaf via the reader had very precisely told me my parents' Christian names, my family background, my childhood story, ambitions, education, degree, profession, career moves, homes, health, possessions, abilities, spouses, children, birthday, illnesses, accidents and so on—and every detail correct and written down on that leaf. The sheer depth and range of the secret, intimate details that the leaf reveals,

about which only you could possibly know, are far too personal for even the most brilliant guesswork by any trained reader or clever eavesdropper. And very worrying, for not even Angela knew some of the things revealed in my reading, and certainly no one could ever have found them out unless all was exactly as the Naadis said it was—already written on that leaf.

Now, I'm probably like you: I don't fall in that easily with every scam that goes around the block. So when something of this magnitude happens in less than an hour, it's a real shock to the system. Put simply, it goes against everything you've learnt and grown up with, yet it's all just happened in front of your eyes and you've agreed with every word of it.

And it doesn't stop there. Just when you think you can escape to your hotel for a stiff drink and a smoke, the reader tells you he needs about 40 minutes to prepare your "predictions" and "remedies". For now that



Naadi palm-leaf writings unwrapped.

your leaf has identified itself, it can tell you your future and the sins you're still carrying... You blench. Sins? What sins? You sit there dumbfounded, stunned, your mind in a whirl. After all the truths that leaf's told you already, whatever else can there be? Your sins—and your future as well? It's all too much...

Suffice it to say that the rest of my life was then told to me in two-yearly tranches up until my "early eighties", with each significant moment spelt out throughout. And while most of it remains to be proved, the three critical events I was told would take place in the time that's since elapsed have all happened exactly when and how my leaf said they would.

And as for my "sins", I was surprised, shocked and saddened by those it told me of—for although I'd imagined I had none, it pinpointed issues and moments where I'd been less than honest and honourable, and truly I knew the leaf to be right. But—*mirabile, mirabile*—the Naadis can help you with that: they have "remedies" that can purge ongoing sins once and for all by *puja*, which I heartily recommend.

So while I still am a sceptic somehow, with all that I was told that time how could I possibly doubt any of it? And all from three thumbprints, my Christian name and my gender. It still beggars belief.

Oral and written traditions in India

For those of you who are interested, the philosophy behind the leaves comprises the Naadi Granthas, a set of very highly organised manuscripts, each of between 16 and 24 chapters or *kandams*. The number of chapters depends upon which Naadi astrologer you go to, as each of the original Sapta Rishis—the Seven Sages (Agasthya, Kausika, Vyasa, Bohra, Bhrigu, Vasishtha and Valmiki) credited with being the very first to inscribe the leaves all those thousands of years ago—has his own following. (The names vary depending upon which source you read. There are other names as well, such as Athri, Parasara, Jaya-Muni, Bhujandar, Vidura and Narada.)

Particular Granthas deal with particular issues; for example, the Satya Naadi deals with the lives of the great and the good, the truly outstanding and world-renowned persons in whatever field, whilst the Kaka Bhujandar Naadi concentrates solely on future world events.

That said, there appear to be two main types of Naadi astrology: the Tantra Naadi—which utilises horoscopes—and the Mantra Naadi—which relies on only a few simple questions and answers, from which the Naadi reader will make his pronouncements. Our readings were made up of both elements: extensive questioning to find our relevant leaves, supplemented by horoscopes based on the dates and times of our births.

Each *kandam* or chapter relates to a specific aspect of a person's material and spiritual life. We received guidance on all 16 of the chapters that our Naadi astrologers practised—the Kausika Naadi—for which *kandams* 1–12 were covered by the "readings" and then expanded with the "predictions", while *kandams* 13–16 dealt with the "remedies" for our ongoing sins in whatever appropriate form was necessary.

We were also curious as to how old the leaves and indeed the

writings on them could be, so we looked into it. India has always had a strong oral tradition. Since the very earliest times, "knowledge" was handed down by word of mouth from guru to student, elder to elder, for generation upon generation. Which is maybe why I can find no Indian equivalent to Euclid, Archimedes, Pythagoras or Herodotus, for such knowledge was always jealously guarded by the Rishis—the highest Brahmin priests—who disseminated it to up-and-coming initiates only, thereby keeping the power amongst themselves.

This changed with the publication of the Vedas, the four books covering creation, the universe and the gods, followed by the Upanishads and then the Epics (the Mahabharata and the Bhagavad Gita), all written between around 1000 BC and AD 200. And it was through these great works that the printed word and, more importantly, the concepts and information behind it, became known to a wider populace, even if it was still principally the upper spheres of Indian society.

But once that oral tradition was broken, monks and scribes started recording India's scientific, literary and cultural heritage on palm leaves in both Tamil and Sanskrit, India's principal classical languages. The treatises in Tamil alone cover an extraordinarily impressive number of subjects: acupuncture, agriculture, anatomy, animal husbandry, architecture, astrology, astronomy, Ayurvedic medicine, carpentry, drama, love songs, martial arts, mathematics, metalworking, music, poetry, recipes, sculpture, shipbuilding, temple art and architecture, veterinary science, writing techniques and yoga—that is, all aspects of Tamil art, culture, language, literature and science of that time, which was indeed great.

Yet while the period in which these works were written is impressive (some 1,200 years), it's nothing like the span between now and the time of Sri Kausika or his mentor, Lord Shiva, who it is said relayed the details of our lives to him between 2,000 and 4,000 years before that, or some 5,000 years ago overall.

Not possible, I hear you say: no leaves could survive intact for that

long. And you'd be right, of course. But there's a world of difference between the age of the palm leaf and the age of the words etched upon it.

Palm leaf preparation and protection

Ancient writing came in many forms—on cave walls, stone slabs, animal skins, birch bark, copper scrolls, clay blocks, papyri—but I hadn't heard of the use of palm leaves until just before we went to India. To my shame, I then found out that from antiquity until well into the 19th century palm leaves had been a natural writing medium not only in India and Sri Lanka but in Malaysia, Burma, Thailand, Laos, Nepal, Cambodia and Indonesia as well, where each developed the "leaves" to suit their own emerging cultural identities.

And as a plant, the palm is indeed old enough: the date palm, for example, was cultivated by the Mesopotamians and other Middle Eastern races as long as 5,000 years ago, with good

...it's nothing like
the span between
now and the time of
Sri Kausika or his
mentor, Lord Shiva,
who it is said relayed
the details of our lives
to him between 2,000
and 4,000 years
before that...

reason. Nearly every part of the palm has been used to provide indigenous peoples with their basic needs, from shade and shelter to thatching and other building materials as well as ropes, furniture, clothing, nets, cooking oils, foods, medicines, drinks and staple products needed to maintain lives and livelihoods. And because it was natural, fast-growing and widespread, it was also cheap. It was so useful, indeed, that in some cultures the palm became a symbol of peace, fertility and victory; and it was deemed important enough for mention in both the Old Testament and the Koran.

So perhaps it's not so strange that the palm became a surface for writing. Two palm trees were most appropriate: the strong palmyra and the softer, more flexible talipot. As the thicker palmyra leaves were prone to insect attack, they were used principally for letters and notes, while the less-insect-prone but thinner talipot was kept for more important treatises and books, which is odd when you realise that the fans, mats, basketware, wicker trays, umbrellas and other handicrafts which tourists buy are mostly in talipot.

Leaf preparation followed—a process varying from area to area but where the width remained fairly constant (between 50 and 90 mm), thereby generally determining page size and format, save for larger manuscripts where leaves were stitched together along one edge to widen them. They were then treated, rolled and boiled until fully pliant, then washed and dried before "polishing" by rubbing with a stone over a particular wood—*Alstonia scholaris*—until smooth, whereupon two holes were punched in each leaf and a cord pulled through to tie the growing stack of leaves together, so forming a "bundle" of between 50 and 100 leaves.

Each bundle was then finished with thin wooden slats top and bottom as protective covers, and all that then remained was to ensure the pages were all uniform and insect-proofed, done by pressing down hard on them and cutting all around, then singeing the raw edges with a hot instrument before putting the whole stack in a wooden "mould" and sealing it airtight.

Depending then on the value and significance of the "book" to its owner, the wooden covers could be enhanced or substituted with ivory or ebony or embossed with silver, gold, precious or semiprecious stones, lacquered work or mother of pearl, with any of it worked to whatever design or pattern the author or client required. Not that any such extravagance applied to Angela's and my "bundles", however, where simple wooden slats sufficed for the covers and each leaf or *ola* had been etched by the scribe in *Vatta Ezhuthu*, the ancient Tamil script,* with every letter the same size and evenly spaced with no gaps or punctuation marks whatsoever, all done by a sharp stylus called an *ezhuthani*. (* Not all were in Tamil; other languages were used to suit the region: Telugu, Pali, Singhalese, Sanskrit, and even English during colonial times.)

Bundles were kept flexible and proofed against their enemies—light, climatic changes, staining, discolouration, insect and fungal attack—by regular rubbings with peacock oil, whereby the life of each leaf could be very greatly extended to perhaps 300 to 400

years. Even so, it became standard practice for leaves that had become too discoloured or had deteriorated to be copied and replaced, as occurred between the ninth and 13th centuries AD under the kings of Tanjore. They instructed that any leaves found fading or beginning to disintegrate were to be completely re-written and renewed by scholars appointed to do so—a tradition that has been maintained by all subsequent dynasties and peoples interested in the leaves.

So while you sit there having your Naadi reading, the leaves in the bundles before you need not be as old as you'd like to imagine, or indeed be old at all, and certainly not nearly as old as the words that are etched upon them. For however old the leaf is, that wording will still be exactly as dictated for that very first leaf, with every mark and syllable inscribed precisely as spoken by Lord Shiva.

So, this is a very good reason why we wouldn't recommend having your "reading" done online or by email. While many websites offer this, in our opinion they cannot offer a valid experience in the same way as visiting the reader in person and working through the whole extraordinary process leaf by leaf. Do it on the web and, sure, in Adelaide or Des Moines you won't have to leave your living room, but the "online Naadi reader" wants his money upfront and he'll expect you to fill in a questionnaire—one that gives the details on you and your family, so in due course, on the pretext that he needs to be sure he's located the right "you", he'll give you some of those back, just to convince you... But don't get caught.

True Naadi philosophy remains very much for the real initiates, and there's only a small number who can faithfully read the ancient Sanskrit, Tamil, Telugu or other inscriptions with the depth of knowledge, accuracy and integrity required.

I know it's expensive, but go there in person and you'll see what we mean. Give absolutely nothing away to the reader before or during the reading (he will not want or expect it) and, like me, you should still end up being told everything about yourself in the very greatest detail—even the facts you've

long since forgotten. And that's not possible online.

ANGELA'S STORY

While Andrew would probably say that his is "still under consideration", my life's journey has been a spiritual one.

I've always seen the world as one big picture, so it was inevitable that I would ask the Naadis for a "global" reading on significant happenings over the next 10 to 11 years (2007–2018).

In this, I'd been inspired by the famous astrologer Dr B. V. Raman, who in 1950 wrote in *The Astrological Magazine of India*:

"Kaka Bujander Naadi deals with such topics as astronomy, international affairs, spiritual elevation of mankind and so many other things in which humanity is interested. One cannot but admire a system of literature, written thousands of years ago and containing references to current and future international problems."

It is written that in 2008 there will be some kind of economic collapse and political unrest in numerous regions worldwide...

Dr Raman also gave a sample of a reading done in the early 1900s:

"The native will be born in a holy city on the coast of the ocean. At the age of 20, he will go to a foreign country. His mother will die [when he is] at the age of 22 in his absence. He will marry at 13. At 32, he will be a lawyer. He will always speak truth and will be pure in heart. There will be no distinction between his thoughts, words and deeds. Before the age of 65, he will meet the King of the white race. He will resort to fasting for the good of the world. He will live beyond the age of 70."

It was a part of Mahatma Gandhi's leaf!

The writings I'm particularly interested in are with the Tamil families and are closely coveted, so I've yet to record their details. However, during my research I did come across a couple of old books, reprinted in India over 50 years ago, which spoke on the subject, so I was determined to seek out the Naadis who knew more on the matter and who would read the predictions for me, even if I knew it wouldn't be easy.

The way the leaves are written for individuals, it was reasonable to think that a similar technique would have been used to "categorise" the world's regions.

The Naadis spoke to us of the world divided into sections; for example, "two countries east of India", "12 countries west of India", "an area to the north", etc., as well as utilising the same planetary aspects for specific times in the *kandams* for major studies of the economy, wars, politics, health and so on.

And with these, and through each of the readings that I've been involved in and others that I know of in detail from our closest Indian friends, I understand there is a great sense of alteration and change due in the world

during the "now" time. So I married together all the Naadi readings I've been privy to, dovetailing them to test whether the difficulties would show in the same years in each and all of them.

This is what I found. Based on the placement of the planets at specific times ahead, the calculations tell a story of grave upheaval—first economically and politically, and then environmentally—that resonates across the globe.

Naadi revelations for the world

It is written that in 2008 there will be some kind of economic collapse and political unrest in numerous regions worldwide (I have an unsettling feeling it could already have taken place before you read this), and the awareness of it is already affecting a greater number of people than ever before.

There will be times of great danger from two warring factions who fight for supremacy in three regions of the world.

The environment will be altered by climatic changes due to the Sun's activity. The most extreme events will take place first in 2009, and second between the end of 2012 and 2013.

The Asian continent will suffer greatly, as will the Middle East and the northern regions.

There will be two geological shifts (planetary pole shifts?), and water will be involved in some way on both occasions.

Everyone will be working to help people in the countries (including India) that suffer during 2009 and later.

Peace and calm are not evident in any readings till 2018.

I gave thought to these issues and on reflection I think the

world's history is actually far worse than its future. There's never been peace on Earth (there's always at least one war going on somewhere at any one time), and volcanoes, earthquakes and flooding have all been regular occurrences as well, even if they do seem to be increasing in regularity and size just lately. And when it comes to the world economy, in the last 100 years or so it's been a roller-coaster of collapses and recoveries all the while, so nothing's new there!

Yet, what does seem to be different is how many more of us are believing less and less what the politicians and media are saying. There's an ever-greater thirst for true knowledge, which, coupled with our growing unrest and unease, is like the instinctive sense of a mother "knowing" that something is about to happen to her child. And I'm with the Naadis on that, whatever the politicians and media choose to say. I believe it's the Sun that will have the most significant effect on our planet and the other planets, so we'll have to learn how to shift our whole way of living and thinking way beyond what we imagine now. But our instinct for survival is so great and inventive that I've no doubt we'll find the new ways to suit whatever changes become necessary to implement.

I believe it's the Sun that will have the most significant effect on our planet and the other planets, so we'll have to learn how to shift our whole way of living and thinking...

Editor's Note:

This article is based on Angela and Andrew Donovan's latest book *The Hidden Oracle Of India* (O Books, 2008), telling readers how to seek out and find their own Naadi reading just as they did. See our Reviews section in this edition for review of their book.

About the Authors:

Angela Donovan is a spiritual mentor and medium. She is regularly involved in mentoring and advising on television series in

the UK, Europe and the USA. She is the author of *The Secrets of Psychic Success* (Rider, 2007) and has done numerous workshops, radio and TV interviews, speaking about the many positive ways in which people from all walks of life can turn their lives around for optimum benefit. She is currently writing on the past, present and future with regard to alternative sciences, as well as preparing a TV series in which the greatest living avatars meet high-profile personages. Angela is also a columnist for the Asian Interactive Media Group, BabyChoice and The Parallel Community. For more details, see her websites <http://www.angeladonovan.com> and <http://www.futurecast.com>

Andrew Donovan was educated at Harrow School and Cambridge University, where he trained as an architect. Mentioned in *Who's Who In Architecture*, he had his own successful practice in Central London until 2003 when he decided to develop a still greater passion—writing. Since then, he has written several books and screenplays as well as many program formats for TV documentaries and entertainment shows.

Both Angela and Andrew are presently working on a TV series where they take interesting people to India to seek their own Naadi leaf and reading (included is the Duchess of York, who has become a close friend and wishes to take the Naadi journey for herself).

Angela and Andrew can be contacted by email at webmail@angeladonovan.com.

A GENERATOR WITH HUGE ENERGY-SAVING POTENTIAL

from PhysOrg.com, February 2008

Thane Heins knows the track record of inventors who claim to make breakthroughs in power-generation methods, especially when they claim to defy the second law of thermodynamics. Every so often, a (usually untrained) scientist comes along with a machine that supposedly creates more energy than is put in. Every time, the ideas have been rebuked by real scientists. That's why 46-year-old Heins is being very cautious. A college drop-out from Ottawa who's been working on his project since 1985, Heins didn't start his research in earnest till the week after 9/11, when Canada joined the invasion of Afghanistan for oil.

Last week [28 January 2008], Heins demonstrated his machine to MIT professor Markus Zahn, an expert in electromagnetic and electronic systems. It proved interesting enough to stump the professor. But Zahn thinks the idea is worth investigating further.

"It's an unusual phenomena [sic] I wouldn't have predicted in advance," Zahn told the *Toronto Star*. "But I saw it. It's real."

Heins explains that, in his machine, *magnetic friction somehow gets turned into a magnetic boost*. Working with an electric motor, he attached the drive shaft to a steel rotor with small round magnets lining its outer edges. In this set-up of a simple generator, the rotor would spin so that the magnets passed by a wire coil just in front of them, generating electrical energy.

Then Heins did an experiment. He overloaded the generator to get a current, which typically causes the wire coil to build up a large electromagnetic field. Usually, this kind of electromagnetic field creates an effect called "back EMF" due to the so-called Lenz's law. The effect should repel the spinning magnets on the rotor, and slow them down until the motor stops completely, in accordance with the law of conservation of energy. But instead of stopping, the rotor began to accelerate.

Heins recounts that the first time it happened, the magnets starting flying off and hitting the walls and he had to duck for cover.

The magnetic friction wasn't repelling the magnets and wire coil. Instead, he explains, the steel rotor and driveshaft were conducting the magnetic resistance away from the coil and back into the electric motor. In effect, *the back-EMF was boosting the magnetic fields used by the motor to generate electrical energy and cause acceleration*. The faster the motor accelerated, the stronger the electromagnetic field created on the wire coil, which in turn made the motor go even faster.

Heins seems to have created a positive feedback loop. To confirm the theory, he replaced part of the driveshaft with plastic pipe that wouldn't conduct the magnetic field. There was no acceleration.

"What I can say with full confidence is that our system violates the law of conservation of energy," he says.

He calls his system "Perepiteia", which in Greek [*perepeteia*] means "an action that has the opposite effect of what is intended".

But he will leave it to others to decide if the technique can be described as "perpetual motion".

In 2005, Heins formed a company, Potential Difference Inc., to develop and market his invention. He's also been working on its development with researchers from the University of Ottawa and has demonstrated the machine to several institutions, including the University of Virginia, Michigan

State University, the University of Toronto and Queens University.

Heins has also been raising money for his invention, approaching individuals such as former US Vice President Al Gore, Virgin Group founder Richard Branson, Tesla Motors chairman Elon Musk and Google's ReCharge IT project.

Due to his commitment to the technology, Heins suffered a failed marriage, lost custody of his two children and has been unemployed. He believes his idea is a scientific breakthrough that deserves to be investigated. MIT's Zahn agrees.

"To my mind this is unexpected and new, and it's worth exploring all the possible advantages once you're convinced it's a real effect," says Zahn.

"There are an infinite number of induction machines in people's homes and everywhere around the world. If you could make them more efficient, cumulatively it could make a big difference."

(Source: *PhysOrg.com*, from articles by Tyler Hamilton, *Toronto Star*, 4 February 2008, <http://www.thestar.com/article/300042>, <http://www.thestar.com/article/300041>)



THE PEREPIITEIA GENERATOR by Thane Heins © 9 March 2008

Tests for Generator Efficiency

The prototype of the Perepiteia Generator has been set up in a laboratory at the University of Ottawa, and researchers working under Dr Riadh Habash of the School of Information Technology and Engineering are conducting efficiency calculations and observations for the prototype when operating in a conventional generator mode.

It is hoped that the project will result in a report for the journal of the Institute of Electrical and Electronics Engineers. The objectives of the study are to determine what effects can be obtained by:

1) magnetically coupling a salient pole electric generator with an induction motor (prime mover) such that the generator's load current and corresponding back-EMF-induced magnetic fields (according to Lenz's law) are coupled directly to the induction motor's rotor.

2) employing a bi-toroid generator coil configuration such that the generator's back-EMF-induced magnetic fields are diverted out of the air gap and into the adjacent coils on the bi-toroid.

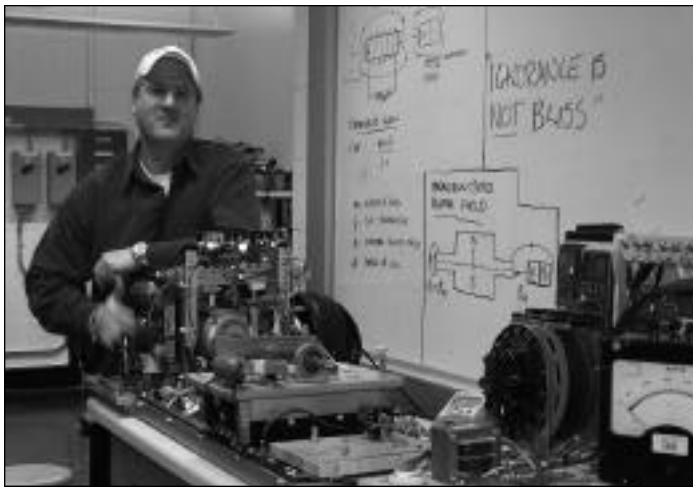
Direct comparisons have to be made between the conventional generator, which *decelerates the prime mover under load* according to Lenz's law and the law of conservation of energy, the magnetically coupled generator application, which *accelerates the induction motor-prime mover under load*, and the toroid generator application, which *has no effect on the prime mover when loaded*.

To date, it has been quantifiably observed that magnetically coupling the salient pole generator to the induction motor has immediate benefits in providing an efficiency-enhancing positive feedback loop, such that the generator load causes induction motor acceleration which is dependent upon load magnitude, i.e., *increasing the load increases the induction motor's acceleration* (decreasing the stator current draw from the source) and *increasing the generator output power*

across the load as well.

It has also been quantifiably observed that when the toroid generator is employed, there are immediate efficiency gains because there is no effect on the prime mover when the generator is loaded.

The significance of the results suggest the efficiency of electricity generation can be significantly improved by either the magnetically coupled application in electric vehicles or by the toroid application in conventional electric generators where different prime movers



Inventor Thane Heins with his Perepiteia Generator
(Photo © Potential Difference Inc.)

are employed, e.g., in wind turbines and hydroelectric generators.

As president of Potential Difference Inc., I put all these points to Erik Clark of NASA's Goddard Space Flight Center on 22 February 2008, and await a response.

The comment we received on 22 May 2007 from Stan Townsend of the University of Toronto was that the level of technical detail we provided was adequate enough to make him think we "probably have made a very significant advance in applied physics and in safely and successfully handling a new source of electric power" (emphasis added).

An expert from MIT, Prof. James Kirtley Jr, in 2006 suggested that our generator "sounds an awful lot like a perpetual motion machine", and that as force times velocity is at least equal to voltage times current there was "[n]o way around that without violating the first law of thermodynamics".

However, Dr Markus Zahn, an expert on electromagnetic and electronic systems at MIT, was impressed with our 28 January

2008 demonstration and we await his feedback on providing a mathematical model of the phenomenon which would serve as the basis for a preliminary explanation and future developments.

Our "Eureka!" Moment

The effect we have so far observed in the Perepiteia Generator is that it does not slow down, according to the law of conservation of energy; in fact, it *accelerates*. Generators are not supposed to accelerate under load! This is the "Eureka!" moment.

Our generator has been proven to accelerate under load in independent tests at Kinectrics Labs, MIT, University of Ottawa, Filtran Transformers Inc. and Electron Energy Corporation.

This discovery has enormous potential for electric automobiles to be able to recharge their batteries and accelerate at the same time, which means never having to stop to recharge. This is potentially a new energy paradigm for our beleaguered planet.

Now that our Perepiteia Generator is in the hands of a public university, it is being studied seriously. We are happy to schedule demonstrations for interested parties, including environmental groups, corporations, potential investors and the media. Dr Habash has confirmed that he is willing to speak with interested parties and attend demonstrations (see his website at <http://www.site.uottawa.ca/~rhabash/>).

We look forward to publishing our test results in a future edition of NEXUS.

About the Author:

Thane Heins, inventor of the Perepiteia Transformer, is co-founder and president of Potential Difference Inc. The company has produced a seven-part Perepiteia Generator demonstration video that is available on YouTube (<http://www.youtube.com/watch?v=ogLeKtily5E>).

Thane Heins can be contacted at the company's offices at 169 Spring Street, Almonte, Ontario, Canada K0A 1A0, telephone (613) 256 4684, email thane_heins@yahoo.ca.

ORIGIN AND SYMBOLISM OF THE CRYSTAL SKULLS

The mysterious crystal skulls are likely to have originated in Central America and may have performed an important role in reenacting the Mayans' creation myth and networking their temple complexes.

by Philip Coppens © 2008

PO Box 13722
North Berwick EH39 4WB
United Kingdom

Email:
info@philipcoppens.com
Website:
<http://www.philipcoppens.com>

Sacred Relics or Alien Artefacts?

Although researchers have written dozens of books and hundreds of articles about crystal skulls, few have attempted to explain the origin and purpose of these sculptures. For some, the crystal skulls are 19th-century "hoaxes"; for others, they are extraterrestrial artefacts; while yet others believe they are remnants of a lost civilisation.

Perhaps the most likely explanation is that they are part and parcel of the ancient cultures, particularly the Mayan, that existed in the area of Central America where they were found. Could it be that these skulls were one of the most important relics in the sacred temple complexes? Crystal skulls speak to the imagination, but are some of these skulls and their stories too good to be true?

The English artist Damien Hirst focused his 2007 exposition "Beyond Belief" around a platinum skull completely covered by 8,601 diamonds weighing 1,106 carats. "For the Love of God" is a life-sized cast of a human skull containing a single large diamond in the middle of the forehead, reportedly worth US\$4.2 million alone. Hirst financed the project himself, and estimated its cost as between £10 and £15 million (approx. US\$20–US\$30 million). It is the most expensive piece of contemporary art ever created. He later sold the skull to an unnamed investment group for £100 million (approx. US\$200 million).

The fourth instalment of the Indiana Jones movie, *Indiana Jones and the Kingdom of the Crystal Skull*, has Indy in a race against Soviet agents to find a crystal skull. In an early episode of the television series *Stargate SG-1*, a crystal skull artefact, left behind by an ancient extraterrestrial civilisation, was used to transport people between Earth and the aliens' home world. Crystal skulls have therefore served Hollywood and the entertainment industry well. But Tinseltown's plotlines are very much copied from existing theories about crystal skulls—one of which was insured for US\$500,000, and this was 30 years ago. But what are they?

The crystal skulls began their slow climb to fame in the 1980s, largely through researcher Joshua Shapiro's meeting Sandra Bowen and Nick Nocerino, who had a crystal skull named Sha-Na-Ra in their possession. Slowly, Shapiro became exposed to a number of other skulls, with names such as the Mayan Crystal Skull, the Mitchell-Hedges Crystal Skull and the Texas Crystal Skull (also known as Max, supposedly given to the people of Guatemala by a Tibetan healer).

In March 1989, Bowen, Shapiro and Nocerino's *Mysteries of the Crystal Skulls Revealed* was released. The book created a vehicle through which the authors were able to "meet" several more skulls, with names such as Windsong, Rainbow, Madre, Synergy and even ones named Skully and ET. ET is a smoky quartz skull found in the early 20th century in Central America. It was given its nickname because its pointed cranium and exaggerated overbite resemble those of an alien being (and the skull is somewhat similar to the alien-looking one that Indiana Jones needs to find). ET is part of the private collection of Joke (pronounced "Yo-kay") Van Dieten, who tours with her skulls to share the healing powers she believes they possess.

Today, there are dozens of crystal skulls in circulation. The majority of these are what are perhaps best called "second-generation" skulls—modern fabrications, owned or "worked" by people who use the skulls for healing, meditation, channelling, etc. But there are also a dozen or so skulls that appear to be older and from unknown provenance. These crystal skulls have largely appeared out of nowhere, often going straight into private collections. Only two skulls sit in museums—one in London, the other in Paris.

Controversy over Fabrication Claims

The British Museum Skull is part of the exhibit at the Museum of Mankind in London, where it is one of the most popular items on display. The label on its case reads "originally thought to have been Aztec, but recent research proves it to be European", of late 19th-century fabrication. The museum obtained the skull for £120 in 1897 from Tiffany & Co., the New York-based jewellers. As to how Tiffany's had acquired it, speculation was that it originated from a soldier of fortune in Mexico.

In 2004, Professor Ian Freestone, of the University of Wales at Cardiff, examined the skull and concluded that it was cut and polished with a wheeled instrument, which he said was not used by the Aztecs (see <http://hnn.us/roundup/comments/9582.html>). Freestone argued that the sculpture was therefore of modern, post-Columbian origin, further noting that the crystal used was common in Brazil but not Mexico—the Aztec homeland—and that "the surface of the skull, which contains tiny bubbles that glint in the light, is more sharply defined than softer-looking Aztec crystal relics with which it has been compared". However, Freestone said that even though there was strong circumstantial evidence suggesting the artefact was 19th-century European in origin, this did not amount to cast-iron proof.

In recent years, the story of how the British Museum acquired the crystal was investigated by Dr Jane MacLaren Walsh of the US Smithsonian Institution. She concluded that the British Museum Skull and the one at Musée de l'Homme (Museum of Man) in Paris were both sold by Eugène Boban. Boban was a controversial collector of pre-Columbian artefacts and an antiques dealer who ran his business in Mexico City between around 1860 and 1880–81. Though it is indeed likely that Boban placed the skull at Tiffany's for auction, there is no hard evidence. However, such evidence does exist for the Musée de l'Homme Crystal Skull, which in 1878 was donated by collector Alphonse Pinart who had bought it from Boban. Boban's 1881 catalogue does list another crystal skull, "in rock crystal of natural human size", selling for 3,500 French francs—the most expensive item in the catalogue. It is possible it was never sold, and hence was offered to Tiffany's to sell at auction.

Having established these facts, however, Walsh then argued



The British Museum Crystal Skull.

that the skulls are not genuine artefacts but instead were manufactured between 1867 and 1886 in Germany, as German craftsmen were deemed to be the only people with the skills to be able to carve these skulls.

Though Boban was indeed a controversial figure, he was, of course, no different from all the other operators on the antiquities markets in those days—some of whom made deals for treasures such as the Rosetta Stone or the Elgin Marbles that continue to upset entire nations from which they were "exported".

However, there is no evidence—not even circumstantial—that Boban sourced these skulls from Germany. It is logical to conclude that, as Boban operated in Mexico, he may have acquired the skulls in Mexico. It would be completely logical to assume that, if they are Aztec in origin, they were offered on the Mexico City antiques market where Boban picked them up. It is the most logical scenario, yet academics seem to prefer the modern German fabrication theory for which there is no evidence. Why? Perhaps they prefer to label them as fakes so as to evade potential claims from Mexican authorities?

As to the fact that the skulls were polished with a wheeled instrument, Professor Freestone himself argued that this in itself does not mean they are modern fabrications (he examined the Paris as well as the London skull in 2004). Though Freestone, Walsh and others suggested this overturns the likelihood that the skulls are pre-Columbian, other experts like Professor Michael D. Coe of Yale University stated that evidence of wheel markings in no way proves that the skulls are modern. He actually said that although it has long been accepted that no pre-Columbian civilisation used the rotary wheel, new evidence contradicts this scientific dogma. Wafer-thin obsidian ear-spools are now known to have been made using some rotary carving equipment and to be dated to the Aztec/Mixtec period. According to Chris Morton and Ceri Louise Thomas in *The Mystery of the Crystal Skulls*, Coe concluded (p. 226): "People who sit in scientific laboratories don't know the full range of the culture they're dealing with. We really don't know half as much about these early cultures as we think we do. People need to re-examine their beliefs."

Walsh and some of her colleagues have largely presented Boban as a charlatan, but they've failed to report that Boban was known to have owned genuinely ancient artefacts as well as a collection of rare books and early Mexican manuscripts. He had even written a scientific study, *Documents pour servir à l'histoire du Mexique* ("Documents to serve the history of Mexico") (1891). Furthermore, he personally crusaded against frauds and fakes, such as in 1881 when he spoke out against forgeries that were being made in the suburbs of Mexico City. Would he shoot himself in the foot that same year by listing a fraudulent crystal skull in his catalogue?

Mentions of the German connection and claims of Boban's dishonesty come from a single letter from one of Boban's competitors, Wilson Wilberforce Blake. He wrote how they should buy from him, not Boban who was "not honest", and he made accusations that the skull Boban had sold was a forgery, insinuating that the skull had been made in Germany instead. However, no evidence was ever produced for any of

these claims, and it is clear that Blake had an obvious motive as to why he wanted to smear Boban's character: he was specifically after Boban's share of the market.

In short, Walsh has uncovered good indications that Boban had skulls and sold them; but as to a German connection, she has relied on the words of a man who almost openly stated that he was out to smudge Boban's ethics. As such, the story of how the crystal skulls have been treated by academics has—alas—all the usual hallmarks of how the scientific establishment treats such anomalous finds and pushes them aside, labelling them as fakes. And aficionados of the genre will know that involvement of the Smithsonian Institution and the British Museum in such a controversy is not a unique event.

Archaeological Speculation

Could these skulls be genuine archaeological finds? As Morton and Thomas pointed out, Boban's artefacts went on sale at a time when Teotihuacán, just north of Mexico City, was being excavated. Teotihuacán is one of the most important sites in the Americas, with pyramids—and a pyramid layout—on par with the pyramids of the Giza Plateau.

Boban is known to have visited the excavations; in fact, he did so in the company of Leopoldo Batres, the Inspector of Monuments. Interestingly, Blake claimed that Batres, too, was "not only a fraud but a swindler". Even if these allegations were true, did Boban get the skull from Teotihuacán? If so, the finger of guilt should not point to Batres. In those days, half of the finds the excavators made ended up on the black market, while the other half became part of the "archaeological record". It is known that even the great Howard Carter, in his exploration of the Tutankhamun tomb—heralded as the greatest archaeological discovery of the 20th century—fell victim to this.

Either way, concluding that the skulls are genuine archaeological treasures is more logical—and better documented—than speculating about a theoretical German connection.

However, it is a fact that none of the skulls was found during an archaeological excavation—that is, apart from the so-called Mitchell-Hedges Crystal Skull, named after its discoverer, the adventurer F. A. (Mike) Mitchell-Hedges, if we believe the "official" version of its find. This skull is by far the most beautiful, detailed and complex, and consists of two parts: the skull itself and a separate jawbone which allows for movement, as if the head is speaking. Famed science fiction writer Arthur C. Clarke used an image of this skull as the logo for his popular television series *Arthur C. Clarke's Mysterious World*.

The official version goes that the skull was found in the ruins of Lubantuun in Belize (then British Honduras) in 1924 during an archaeological survey of the site, though controversy reigns over this conclusion (see the article on the Mitchell-Hedges Skull in the next edition of NEXUS). This "Skull of Doom", as Mitchell-Hedges himself labelled it, was not referenced until 1931 as being in existence.

In his autobiography *Danger My Ally* (1954), Mitchell-Hedges stated that "the Skull of Doom is made of pure rock crystal and according to scientists it must have taken 150 years, generation after generation working all days of their lives, patiently rubbing down with sand an immense block of rock crystal until the perfect skull emerged". He continued: "It is at least 3,600 years old and according to legend was used by the High Priest of the Maya when performing esoteric rites. It is said that when he willed death with the help of the skull, death invariably followed. It has been described as the embodiment of all evil." For a man who had "danger" as his "ally", he obviously tried to frighten his readers with the power of this object.

So, Mitchell-Hedges associated the crystal skull with the Maya in 1600 BC—when the Maya were not yet around. Noting Mitchell-Hedges's interest in finding evidence for Atlantis, many people have argued that the skull is therefore a relic of this earlier civilisation. What the sceptics have made of this can be easily divined...

A Crystal Legacy

Today, three main theories exist about what crystal skulls are and where they come from. One argument states that they are an extraterrestrial legacy; another that they are remnants of a lost civilisation (often to be read as Atlantis), both of which are favoured on the New Age circuit. For the sceptics, they are "obviously" late-19th-century fabrications from Germany. A fourth theory, however, might be closer to the truth.

The problem of the crystal skulls is that they are made of crystal. Quartz crystal does not age; it does not corrode, erode, decay or change in any way with time. It cannot be carbon dated. A skull could be hundreds if not thousands of years old, yet still look as if it was made yesterday—and vice versa. Hence, other means of dating had to be devised, and so evidence of skulls having been polished with wheels has become the key determinant of whether they are modern/post-Columbian or "genuine" archaeological artefacts.

As mentioned, Michael Coe has scorned those laboratory scientists who

have preached against the authenticity of the skulls. And rightfully so, as one skull, owned by Mexican Norma Redo, is mostly notorious, at least for some, as the skull that supports a large crucifix on its top. The skull shows similar "evidence" of wheelwork, but from his analysis archaeologist Dr Andrew Rankin argued that the skull was sculpted from the same crystal as that of the crystal goblet from tomb no. 7 at Monte Albán, which is an uncontested archaeological find. Furthermore, the 1571 hallmark on the crucifix is also deemed to be genuine, thus in general excluding the likelihood that this skull is of 19th-century European fabrication. In short, this hard evidence confirms what Michael Coe has argued: that the Maya apparently *do* seem to have been able to work with crystal...and thus may have made the crystal skulls after all.

However, the Maya would not have been the only ancient civilisation to have mastered working with crystal. Robert Temple's *The Crystal Sun* (2000), subtitled *Rediscovering a lost*

This skull is by far the most beautiful, detailed and complex, and consists of two parts: the skull itself and a separate jawbone which allows for movement, as if the head is speaking.

technology of the ancient world, was promoted thus: "Based upon 33 years of research all over the world, in museums from Stockholm to Shanghai, from Athens to Cairo, and in thousands of books in several languages, Robert Temple has reconstructed a wholly forgotten story: the story of light technology in ancient civilisation. It goes back at least to 2600 BC in Old Kingdom Egypt, and continues throughout Western antiquity."

Temple's quest began when he spoke to Arthur C. Clarke about the Mitchell-Hedges Skull, whereby British science historian Derek Price, who is most famous for his study of the Antikythera device (another anomalous archaeological discovery that only recently has received serious academic attention), then spoke to him about the Layard Lens as another example of our forefathers having worked with crystal.

In the mid-19th century, English archaeologist Sir John Layard excavated the remains of Babylon and Nineveh. In 1850, during the excavation of the throne room of the Assyrian King Sargon II's palace, he discovered a lens. It is dated to 721–705 BC and is currently—also—in the British Museum. It is considered to be the first used (or found) plano-convex lens.

Temple notes on his website: "...this rock crystal lens, now cracked and considerably damaged, was originally a perfect convex lens with a flat ('plane') base, which was ground in a special way known to opticians as 'toroidal'—a technique only available for the public since about 1900. Such grinding produces lenses to correct for individual cases of astigmatism. It would be possible to go out into the street today and find someone whose astigmatism was perfectly corrected by the Layard Lens... It is most extraordinary that such a high technology existed in the 8th century BC. And not a single Assyriologist has acknowledged the publication of my study of this important object except for the one who encouraged me in the first place; he was curious as to what the results would be. So it appears that the community of Assyriologists find[s] it convenient not to 'see' my book."

Why? Largely because, as with the crystal skulls, the establishment believes—for that is what it is—that only from the 19th century were "we" able to do such things.

However, archaeologists are not totally denying the existence of lenses in antiquity, as evidenced in a study by George Sines and Yannis A. Sakellarakis (*American Journal of Archaeology*, vol. 91, no. 2, April 1987), reporting how "...a recent find in the Idaean Cave in Crete of two rock crystal lenses of unusually good optical quality led to this investigation of other lenses from antiquity. The evidence indicates that the use of lenses was widespread throughout the Middle East and the Mediterranean basin over several millennia." They added: "The use of lenses as burning glasses in Classical Greece is noted, as is the need for magnifying lenses to authenticate seal impressions."

Scientific Scrutiny of the "Skull of Doom"

In 1936, eminent anthropologist G. M. Morant and Adrian Digby, a future Keeper of the Department of Ethnology at the

British Museum, analysed the Mitchell-Hedges Skull and argued that it is not of modern workmanship. Digby wrote: "...in neither case [they analysed the British Museum Skull as well] is there any trace of identifiable tool marks, and it is certain that neither specimen was made with steel tools. On the teeth there is no trace of a lapidary's wheel which would betray one or both specimens as being of comparatively recent origin." Writing in the journal *Man* in July 1936 (vol. 36), they both commented that the skull's detachable lower jaw would have taken the creator—whoever he was—many hundreds if not thousands of hours of extra work, and that thus there would have to have been an important reason why the jaw had to be detached—more so than for purely artistic reasons.

In 1964, Anna "Sammy" Mitchell-Hedges—the adventurer's adopted daughter and custodian of the Skull of Doom—lent the skull to Frank and Mabel Dorland, famous art experts and restorers. Dorland commenced his study by taking many photographs from various angles. He also used a binocular microscope to create a three-dimensional image of the skull.

During this scientific analysis, the skull also seemed to reveal a magical dimension. One evening, Dorland finished his work too late for the skull to be returned to its vault in the Mill Valley Bank. So he took the skull home, placing it next to the fire he had lit for the evening. He then noticed how the light of the fire was reflected through the eyes of the skull. This made him realise that the skull allowed certain optical effects to be produced—though other stories state that throughout the entire evening the house was also a hive of poltergeist activity.

Dorland discovered that the optical effects were the result of how the skull had been carved, which gave him even further insights into the precision of the workmanship. He observed that there was a type of "layering" on top of the skull, which made the skull behave like an amplifying glass. The back of the skull channelled the light through the eye sockets at the front of

the head. While no one would be able to see what was happening from behind the skull, anyone looking at the face would perceive a spectacular series of images that would appear to come from within the skull itself.

Finally, Dorland discovered two holes at the bottom of the skull that are invisible when the skull is positioned upright. The holes can be used so that the skull can be swung without falling over. Together with the detachable jaw, this was a further indication that this skull was not a mere display object but had been created to perform certain functions: to move, if not pretend to speak (via the detachable jaw), and to "project" certain images to the observer standing in front of it.

In December 1970, Dorland took the skull to the laboratories of Hewlett-Packard in Santa Clara, California, at the time one of the world's most advanced centres for computers and electronics. The lab technicians were specialists in the production of precision quartz crystals, which were used in various high-tech instruments. It meant that they were perfectly suited for trying to figure out

While no one would be able to see what was happening from behind the skull, anyone looking at the face would perceive a spectacular series of images that would appear to come from within the skull itself.

how the skull could have been made.

One test revealed that the skull was made out of one piece of quartz, with the separate jawbone coming from the same piece. The lab technicians stated that they were unable to create a skull like that with the technology available to them in 1970. Their analysis showed that the skull exhibited three different types of workmanship, and hence they suggested that work on it was carried out over three generations, or a period of 60 to 70 years—about half the time Mitchell-Hedges argued it would have taken to make: 70 versus 150 years, a small difference nevertheless.

That three generations would have worked, day in, day out, on creating one skull was an unlikely scenario, and thus the skull was proposed to have been created with "unknown technology"—which soon became interpreted as being of alien origin or from a previous civilisation that was technologically superior to ours, which quickly got linked with Atlantis. This was, of course, what Mitchell-Hedges had always claimed: that this skull was physical evidence of a lost, advanced civilisation.

Larry LaBarre was one of the testers at Hewlett-Packard and a decade after the 1970 tests he added to his previous observations: namely, that the quartz is very hard, measuring nine out of a possible 10 on the Mohs scale, meaning that only a diamond would be able to cut it. The quartz, though of one piece, was furthermore composed of three or four growth phases, each with a different axis. Cutting it would have been extremely difficult, as hitting upon a new axis might shatter the crystal if the cutter was not careful. (This is one of the main reasons why larger diamonds are more valuable; it is not solely the stone but the workmanship involved that makes large diamonds expensive.)

As for the origin of the quartz, LaBarre suggested Calaveras County in California. However, gem expert Allan Jobbins, who researched the skulls for the *Arthur C. Clarke's Mysterious World* TV program, thought the likely origin of the crystal was Brazil.

Skull Visions and Mayan Symbolism

In recent years, controversy has raged around the creation of the skulls. With unknown provenances for them all, there are legitimate questions to pose. One of the problems is that if they are archaeological treasures, their purpose seems difficult to ascertain. Indeed, archaeologists have failed to look towards the crystal skulls as items of archaeological interest, and hence this blank canvas has been used by many people to put forward their own speculations, some more outlandish than others.

As noted, Mitchell-Hedges believed that if a Mayan priest held the "Skull of Doom" while killing someone in his thoughts, that person would die. He also believed that, equally, those not convinced of the power of the skull would die. Anna Mitchell-Hedges said that the skull "spoke" to her.

In recent times, many people have used the skulls for scrying, or visual meditation sessions. Many have reported visions, often scenes from an ancient or foreign civilisation. The scenes witnessed vary strikingly, however. Some people have reported observing scenes from Mayan history, while others have reported receiving knowledge from Atlantis.

Such landscapes might actually be due to the technological aptitude of its creator(s). Frank Dorland noted the presence of

two prisms within the crystal. He argued that the artist made full use of this and that the skull was therefore perfectly suited for oracular utterances. He made a series of photographs looking into the skull; these were able to capture the series of "visions" that others have had. In some, he distinguished truncated pyramids; in others, a structure like the US Capitol Building, which has a contemporary equivalent in Chichén Itzá in the Caracol; while in still other images, several little skull shapes manifested themselves. Dorland added that these images only materialised when looking through the right eye socket and that no such shapes could be seen when staring into the left eye socket.

Such information, however interesting, does not provide any firm evidence of the crystal skull's true purpose. For this, we need a clear frame of reference—and this has to be the Mayan civilisation, which existed until a mere four centuries before these skulls were discovered in Mexico.

One proposition came from American archaeologist Professor Sylvanus G. Morley, who argued that within the Mayan world the skull was the symbol for the number 10: "the head-variant for 10 is the death's head, or skull, and in forming the head-variants for the numbers from 14 to 19 inclusive, the fleshless lower jaw of the death's head was the part used to represent the value of 10 in

these composite heads for the six higher numbers".

Though once again interesting, this proposition does not bring us any closer to an understanding as to the skull's real purpose. However, it does show that in the Mayan world the symbology of the skull was indeed important. There are stone skulls throughout the ancient Mayan kingdom. One such skull stands at the Temple of the Inscriptions in Palenque and another in Tikal. Both skulls are carved at the top of a row of steps leading into a room that

seems to have been a shrine. A stone skull is also found at the entrance to the cave beneath the Pyramid of the Sun in Teotihuacán. But most skulls are to be found on the *Tzompantli* ("Platform/Place of Skulls"), one of the most famous of which is at Chichén Itzá.

The Skull in Mayan Creation Mythology

That the skulls were discovered in the Mayan heartland is evidence which accords with the few facts that we know of their provenance. The Mayan Skull and the Amethyst Skull were allegedly found in Guatemala early in the 20th century. The Amethyst Skull is made of purple quartz and the Mayan Skull is clear, but the two are otherwise very alike. Like the Mitchell-Hedges Skull, both were studied at Hewlett-Packard and they, too, were found to be cut against the axis of the crystal, making the craftsmanship all the more difficult and the crystal all the more likely to crack or shatter during the fashioning process.

Of more direct relevance is that Nick Nocerino claims that he met a shaman in 1949 while travelling in Mexico. The shaman led him to a Mayan priest who said he was authorised to sell crystal skulls because the village needed money for food. Nocerino didn't buy them, but he did study them. However, it was clear that someone was putting these skulls on sale in Central America. What happened then had happened before, and entire Mayan villages are known to have been "financially supported" by the sale of archaeological goods that at one point they had

The shaman led him to a Mayan priest who said he was authorised to sell crystal skulls because the village needed money for food. Nocerino didn't buy them, but he did study them.

placed on the black market. With all that on offer, why would Boban need to source a German crystal skull, pay for it and then actually have great difficulty selling it?

Thus there is one likely and logical conclusion, which is that the skulls came from somewhere in Central America. It suggests that these skulls were acquired by certain people through "some" means that did not see the light of day, and that some time later they ended up at auction, the traceability of their origin largely erased.

But if they are of Central American origin, what purpose did the skulls serve, assuming they are archaeological treasures? It is a fact that all the sacred centres, including Lubantuun where Mitchell-Hedges allegedly discovered his crystal skull, had a *Tzompantli* which formed part of the sacred layout of the temple complex, which itself was a three-dimensional rendering of the Mayan creation myth.

This myth states that when playing ball, the twin maize gods disturbed the lords of Xibalba, the Mayan underworld. The Xibalbans summoned the two maize gods to the underworld to answer for their disrespectful behaviour, where they were subjected to a series of trials. When they failed these tests, they were killed and buried in the ball court of Xibalba. The elder twin was decapitated, and his head was hung in the tree next to the ball court as a warning to anyone who might repeat their offence. Later, and despite this warning, the daughter of a Xibalban lord went to visit the skull, which spoke to her, spitting in her hand and thus making her pregnant.

The site where the skull was hung was the *Tzompantli*, and in sites such as Chichén Itzá it is still a clearly identifiable part of the temple complex.

One of the tasks of the Mayan high priests was, of course, to "perform" the creation myth. The skull in Mayan mythology was linked with the hero's death, but also with rebirth. It is therefore intriguing to note that the explanation of the crystal skull serving as part of the Mayan creation myth does conform roughly with Mitchell-Hedges's interpretation of the skull's use.

This creation story has clear parallels with the technical capabilities of the Mitchell-Hedges Crystal Skull. A skull made of crystal would indeed leave the impression that this was the skull of a deity, not of a mere mortal. It should be noted that the Mitchell-Hedges Skull has no suture marks on the pate. Though experts agree that adding such an effect to the skull would have been very easy to do, the absence of such marks has several connotations. It suggests that the skull, though human looking, is not that of an ordinary being. It suggests that the skull's "owner" either was born as an adult or/and was somehow a divinity, a perfect being. Furthermore, the detachable jaw would have allowed the skull to "speak", as the hero's skull is known to have done in the creation myth. Noting that the skull in this myth spat, the Mayans might have engineered that effect, too, through the use of the movable jaw that the Mitchell-Hedges Skull possesses.

Dorland demonstrated that, in order to give it the illusion of

speaking, the skull could be moved by using the two holes in its base. A rod, thrust up through another hole in the altar and into the larger hole in the base of the skull, would provide the means whereby motion could be given to the crystal. The smaller hole in the skull's base would serve as the receiver for a pivot point on which the skull would move. The skull's ability to portray images would furthermore have helped the person standing in front of it to have visions or at least be able to dream away...

A New Era and the "Gathering of the Skulls"

This brings us to another often overlooked question which few people have asked: why crystal? As already mentioned, crystal skulls are now frequently used for scrying, and the use of crystal balls in mediaeval Europe was very similar to the modern use of crystal skulls in the New Age community. However, within a Mayan framework, we can go much further.

Part of the Mayan creation myth was the lighting of a New Fire, in a so-called New Fire Ceremony which also signalled the start of a new era. The New Fire, made by the gods, was a key aspect of the "esoteric rites"—to quote Mitchell-Hedges.

Today, this type of ceremony is best known in the lighting of the Olympic Flame which occurs in the run-up to a new era—the Olympiad—in the Greek temple of Olympia. Here, 11 women, playing the roles of the priestesses who were originally responsible for keeping the temple's sacred fires alight, perform a ceremony in which the torch is kindled by the light of the Sun, its rays concentrated by a parabolic mirror. As already noted, lenses were used in antiquity to concentrate light. In Greece, fire had divine connotations, and legends state that it had been stolen from the god Zeus by Prometheus. But Greece was but one of dozens of civilisations, whether in the Old or the New World, in which fire played an important and sacred role. The Mayan civilisation was another.

It is therefore of great interest to know that the Mitchell-Hedges Skull is able to start a fire if the Sun's rays fall at a particular angle on the back of the skull. Visually, it would mean that the bright sunlight coming out of the nose, mouth and eyes would start a fire, very much like the sacred fire in Olympia. Rather than use a parabolic mirror, did the ancient Mayans use a crystal skull to light the New Fire, the core ingredient that marked the start of a new era?

If this interpretation is the correct one, then there would have been one skull per religious site. This would make them very rare—but we already know that these skulls are indeed extremely rare. Though at present there is no hard evidence to prove it, this theory has the advantage of fitting with all the available evidence—unlike some more "academic" theories. If correct, it does make the crystal skulls powerful symbols: the residence of gods. And it is perhaps not a coincidence that the crystal from which the Mitchell-Hedges Skull was made is the same material

Furthermore, the detachable jaw would have allowed the skull to "speak", as the hero's skull is known to have done in the creation myth. Noting that the skull in this myth spat, the Mayans might have engineered that effect, too, through the use of the movable jaw...

Continued on page 81

— BORISKA —

INDIGO BOY FROM MARS

A Russian boy who has spoken of previous lives on Mars, past and future cosmic cataclysms and extraterrestrials visiting our planet has captured worldwide attention since his case came to light several years ago.

by Gennady Belimov

© 2004–05

Translated from Russian and edited from the web page:
http://projectcamelot/indigo_boy_from_mars.html

A Meeting in an Anomalous Zone

The first time I heard about the unusual boy named Boriska was from stories of the participants of an expedition to an anomalous zone in the north of Volgograd Province, known in our country as the Medveditskaya Ridge. "Imagine, when everyone was sitting around the bonfire in the evening, this little boy, about seven years old, suddenly and loudly demanded silence: he was going to tell us about the inhabitants of Mars and about their trips to Earth," said one of the witnesses who shared his impressions. "Well, someone was still chatting in a low voice, and then the boy strictly demanded our full attention, or else 'there would be no story'."

And so the other conversations died off. And this is why: the round-faced child with the big eyes, in a summer T-shirt and a cool baseball cap, completely unafraid of the adults, began an unbelievable story—about the Martian civilisation, about megalith-cities and Martian spaceships, about flights to other planets, and about the country of Lemuria on Earth, the life of which he knew about personally, having at some point flown here from Mars to this huge continent in the middle of the ocean and where he had friends...

Many were shocked at two things. First, the unusual knowledge that a seven-year-old should not have had, and, second, the speech of Boriska was not at the level of a child in the first grade. He used such terminology, details and facts from the pasts of Mars and the Earth that everyone was impressed. Only from the emotional outbursts could you tell that this proper and sensible speech was from a child.

"Why did Boriska talk like this?" wondered my interlocutor. "Apparently, he was provoked by his surroundings at the expedition camp. Here were gathered interested people with open minds, pursuing the solutions of the many secrets of Earth and the cosmos, and Boris, listening to the day of conversations, expostulated in his speech what had long been in his memory."

"Could he have made it all up? Watched all the *Star Wars* movies and started to make up stories?"

"It seems not. This did not sound like a fantasy," argued my colleague. "More like it was the memory of the past, memories from his past reincarnations. These sorts of details can't be imagined; they must be personally known."

The words about the memories of past reincarnations decided everything: I understood that I had to meet Boriska. Now, after meeting with him and his parents, I am trying to put everything together in order to understand the mystery of the birth of this young being.

Boriska's Mother's Recollections

It's curious that Boriska appeared in the world in the city of Volzhk, in a provincial maternity hospital, although on his birth certificate, in the section for place of birth, it says instead "Zhirnovsk, Volgograd Province" in the place of registration. His birthdate is 11 January 1996 at 8.30 am. That may say something to an astrologer.

His parents are good and kind people. Nadezhda Kipryanovich, Boris's mother, is a dermatologist in a city clinic and graduated from the Volgograd Medical Institute in 1991. His father, Yuri Tovstenev, is a retired officer, in his time a graduate of the Kamishinsky Higher Military Institute, and now works as a construction supervisor. They themselves would be happy if someone could help them solve the mysterious phenomenon of their son, but for now they watch their miracle with curiosity.

"When Boriska was born, I noticed that at 15 days old he already held his head up," recalls Nadezhda. "His first word, *baba* ("grandmother"), he said at four months old and

from then on you could say that he started to talk. He made his first sentence at seven months with the words "I want a nail"—he'd seen a nail in the wall—although generally children start speaking much later. The most remarkable of his intellectual abilities were beyond the physical."

"How did they manifest?"

"When Boris was a year old, I started giving him letters following the Nikitin system and, if you can imagine, at a year and a half he could already read heavy newspaper type. He learned to recognise colours in a variety of hues early and easily. At two years old he began drawing, and at two and a half he could paint. He could draw in different hues."

Boris went to day care after he turned two. All of the caregivers said that he was very gifted with languages and had unusual brain development. They noticed that he had a phenomenal memory. However, his parents noticed that the way their son gathered knowledge was not only through observing his surroundings but, it would seem, from other sources: he picked up information somehow from nowhere!

"No one taught him," remembers Nadezhda, "but he somehow got into the habit of sitting in the lotus position—and just listen to him! He cast such pearls and details about Mars, about the planetary systems and other civilisations that it amazed us. But how could the child know all of this? Space and the cosmic subjects in his stories—these were the constant topics from when he was two."

Mars, Indigo Children and Planetary Catastrophes

Boriska announced that he used to live on Mars and that the planet was habitable but it had survived the worst catastrophe in its history—the loss of its atmosphere—and now a few remaining inhabitants live in underground cities. At that time, he often flew to the Earth on trade and scientific research missions. It would seem that he himself had been a pilot

of a space vessel. This was at the time of the Lemurian civilisation, and he had a Lemurian friend who died before his eyes.

"A huge catastrophe happened on Earth, where mountains exploded and a great continent broke apart and sank under the water, and all of a sudden a huge stone fell on the building where my friend was," reported Boriska. "I couldn't save him. And now on Earth we should meet again..."

Boriska sees the whole picture of the destruction of Lemuria as if it just happened, and he suffers about the death of an Earthling as if he himself was guilty of causing it.

Once he saw a book which his mother had brought, *Where Do We Come From?* by Ernst Muldashev. You needed to see the effect this had on the little boy. He looked at the drawings of Lemurians, the photographs of the Tibetan pagodas, and two hours later he could talk in detail about the Lemurian race and at a high level about their discoveries.

"But Lemuria was destroyed at least 800,000 years ago," I said carefully, "and the Lemurians were more than nine metres tall—and yet somehow you remember all of this?"

"Yes, I remember; certainly no one told me about it," replied Boris.

Another time he began to remember a lot after seeing the illustrations in a second book by Muldashev, *In Search of the City of Gods*, about burial chambers and the pyramids. He said that

they would find knowledge not under the Pyramid of Cheops but under a different one. But they have not found it yet. "Life will change when they open the Sphinx," he said, and added that the Sphinx will open somewhere behind the ear but he can't remember exactly where.

He talks engagingly, when the inspiration comes, about the Mayan civilisation, feeling that people do not know very much about that fascinating people.

But the most striking thing is that Boriska thinks that now on Earth is the time when special children are being born because of some great changes to come to the planet and because new knowledge will be needed beyond the Earthling mentality.

"How do you know about these gifted children, and why is it happening?" I asked him during our meeting. "Do you know that they are being called 'Indigo children'?"

"I know that they are being born, but haven't met any in our city. But, maybe Julia Petrova: she believes me, which means that she feels something. The others usually laugh when I tell stories. On Earth, something is going to happen—two catastrophes—therefore these children are being born. They have to help people. The poles will switch. In 2009 there will be the first great catastrophe on one large continent, and in 2013 there will be an even more powerful one."

"You aren't afraid of this, even though it may affect your life as well?"

"No, I'm not afraid: we live forever. There was a catastrophe on Mars, where I lived before. They were the same people as us, but there was a nuclear war and everything burned. Some people survived and houses were built and new weapons. There was also a change of continents there. However, that continent was not large.

"Martians breathe air which is mostly carbon dioxide. If they came to our planet, they would always stay near smoke stacks."

"And you, if you are from Mars, can easily breathe our air or do you need carbon dioxide?"

"Once you find yourself in this Earthly body, then you breathe this air. But we hate Earth's air, because from your air comes ageing. There, on Mars, people are forever young, around 30–35, and there are no old people. With every year these children from Mars will be born more and more on Earth. In our city there will be no fewer than twenty."

"Do you remember your old name or the names of your friends?"

"No, I can never remember names."

"From what age do you remember yourself?"

"From thirteen I remember my former life, and here I remember myself since birth, but I do not forget where I came from. We wore special glasses there, and we fought all of the time. On Mars, there was one unpleasant thing: a station which needed to be destroyed. Mars can be revived, but this station prevents that. It is secret. I can draw how it looks; we were near it. This station is against us."

"Boris, why do our space stations [*sic*] 'die' more often than not when they are landing on Mars?"

"There is a signal coming from Mars, and it tries to kill the stations [*sic*]. There are harmful rays on these stations."

I was amazed about the harmful *Phobos* rays. In 1988, a man

**"The poles will switch.
In 2009 there will be the first
great catastrophe on one
large continent, and in 2013
there will be an even more
powerful one."**

from Volzhsk, Yuri Lushnichenko, a man with extrasensory powers, tried to contact the leaders of the Soviet space program to warn them of the imminent failure of their Mars space probes *Phobos 1* and *Phobos 2*, particularly because of the rays and radioactive batteries which were alien to the planet. They did not listen to his warnings. They did not feel the need to respond, even today, although in order to succeed, according to Lushnichenko, it is necessary to change tactics when approaching the surface of Mars.

UFOs and Lost Planets

"Do you know about multiple dimensions? You know, to fly you don't need to follow a straight trajectory but can go through multidimensional space?"

I carefully enquired with an out-of-this-world question from the point of view of mainstream science.

Boriska suddenly perked up and began to explain energetically about the construction of UFOs. "We just launched and we were already near the Earth!"

Then he took a piece of chalk and drew something triangular on the blackboard. "There are six layers," he enthused. "The outer layer takes 25 per cent of the durable material, the second layer takes 30 per cent and is like rubber, the third takes another 30 per cent and is again metal; four per cent is a layer with magnetic properties." He wrote the figures on the board. "If you power the magnetic layer with energy, the apparatus can fly all over the universe."

We adults looked at each other. In which grade do they study percentages? Of course, they had not got to that in school yet, but it seems Boriska is having serious difficulties at school. They put him directly into second grade after assessments, but then they tried to get rid of him. Who, you tell me, would like it when a child suddenly interrupts the teacher to say, "Maria Ivanovna, you're not telling the truth! You aren't teaching us correctly!" And that happens more than once a day.

"What is Boriska's mission on Earth? Does he know it?" I asked both him and his mother.

"He said that he is guessing," said Nadezhda. "He knows something about Earth's future; for example, that knowledge will be distributed according to the quality and the level of consciousness. New knowledge will never come to vicious people with petty vices—thieves, bandits, alcoholics—and also those who aren't willing to change themselves for the better. They will be leaving the planet. He thinks that information will play the most important role. A time of unity and cooperation will begin on Earth."

"Boris, where do you know this from?"

"From inside myself," he answered seriously.

Once, when he was five, he amazed his parents when he began talking about Proserpine, a planet which died hundreds of thousands or possibly millions of years ago. And this word, Proserpine, he said without having heard it anywhere else.

"A beam sliced through it, and it fell to pieces," explained Boriska. "Physically the planet no longer exists, but its inhabitants teleported into the fifth dimension, which you are

calling a parallel world. We observed the death of the planet from Mars," he clarified.

And suddenly he said the unimaginable. He said that the Earth, as a living conscious being, began to accept the children of Proserpine in order to educate them. Therefore, occasionally children are born here who can remember about their home planet and consider themselves extraterrestrials.

This is what Boris's mother Nadezhda kept in her journal; it is what Boris once said to her:

"You are a forerunner. You have cleared the platform for us. In the highest spheres, you are considered a hero. You have the heaviest burden on your shoulders. I have come to the New Time. A holographic code is already visible and is superimposed on space. Everything will come to light in a new fire of thought, very quickly... The transition from one world to the other will take place through the substance of Time. I have brought the New Time. I have brought the New Information..."

Boriska's Martian Chronicles

About a year later, I went to Zhirnovsk to meet with Boriska and find out the latest details of his life. Of course, first of all the discussion was with his mother.

"I looked in to the room, because I heard Boriska talking to someone, but I knew for sure that he was alone," recalls Nadezhda. "He was in fact alone, and in front of him was a coloured mosaic made of children's constructor toys, and on it was the double spiral of DNA! I recognised it clearly from my studies at the medical institute.

"And he said to someone, 'I'm the pilot of a research ship, a scientist, but I will never perform the cross-breeding of human and reptile DNA! It contradicts the rules of natural selection.' A few Latin words followed. I was just stunned; and instead of listening more, I started to shake him. 'What is this? Who are you talking to?' And Boriska suddenly came out of his trance, confused, and muttering 'I'm playing'.

"Yet again, I realised that I don't know my son very well. It's true that when I asked him later, he told me that

this information is not for people and that when he lived on Mars they had slightly different branches of DNA—a bit different than the DNA of the Lemurian race.

"But basically I understood that if he remembers the Martian period of his life, then it would be from the point of view of different time periods. That is, it seems that he appeared on Mars numerous times and remembers various episodes of his lives, probably over the course of many thousands of years."

"So you don't think that these are simply childish fantasies?"

"Maybe I would be glad to think that, but it doesn't fit. There's too much completely unusual knowledge involved here. There's simply nowhere that he could have got it from. True, I don't think that he remembers his past lives in the same way that we remember the day before. Of course not. His memory is very fragmented and reveals itself under certain conditions, and it's possible that gradually it will fade. Yes, he can connect to external sources of information and be their transmitter, but ten minutes

Mars began to lose its atmosphere and water catastrophically. Boriska said that there were special ships going to the nearest planet, Earth, to get water.

later he can simply forget this information, like a normal child."

Yet their recordings in the past months are curious recollections by Boriska about serious cataclysms on Mars. For example, he insists that in the last hundreds of thousands or even millions of years, there were serious problems with water. Mars began to lose its atmosphere and water catastrophically. Boriska said that there were special ships going to the nearest planet, Earth, to get water. They looked like cylinders and served as mother ships.

He talked a lot about his duties and work in space. The boy does not like American movies about space adventures and wars very much, and says that everything there is skewed and made up. Martian ships could travel around the whole solar system, and they had a number of bases on planets and their satellites.

Apparently he wasn't a bad pilot and he had good professional skills, and according to his stories he participated many times in flights to Saturn, where the most difficult thing was to navigate through the zone of the asteroid belt. Many of his friends died on the approach to Saturn.

"You know, Mama, I didn't just bring water to Mars!" stated Boriska one day. "You're always going, 'Mars this, Mars that', but I was responsible for Jupiter! We had a special project studying the creation of a second sun in our solar system. And that second sun was supposed to be Jupiter. But so much physical mass was required for this that there wasn't enough in the whole solar system. So the project never succeeded."

Once he said that the scientists of Earth would be interested to know that there are not nine planets in our solar system but two more. They are located beyond Pluto.

In his words, Mars used to be closer to Jupiter and the Moon then belonged to Mars. But after a giant cosmic cataclysm, Mars changed its orbit, which is how Earth got its satellite, the Moon. However, Boriska can't remember any details about that period.

One time, while watching a TV show on the Discovery Channel, he began to talk with great enthusiasm about the Grey civilisation—small humanoids with huge eyes.

"They aren't Martians," he said, indicating at the screen. "We aren't like this; we're closer to Lemurians and Atlanteans. First, we're tall, and these are dwarves. Second, the Greys are cruel. They are from another galaxy, and let themselves perform any experiments on people. We even had to fight them, because they are aggressors. Our race was kind, less aggressive and the most intellectual, as we could even use psychic energy."

Firing out his words, sometimes stuttering, all said in a short speech, the boy then turned his attention back to his normal games, and the "problem of the Greys", in the words of his mother, hasn't come up again. It seemed to be a flare of memory which may never be repeated.

But if there are to be any new statements about life in space, on Mars or in the solar system, there will be doubts. The boy, in the words of specialists, is "closing up". Most likely, the difficulties of our Earthly reality are causing this to happen—as they do for other Indigo children.

Scientific Interest in Indigo Children

That representatives of science are truly interested in Boriska is an unarguable fact. A doctor of physical-mathematical science,

Professor Vladislav Lugovenko, of the Institute of Terrestrial Magnetism, Ionosphere and Radiowave Propagation (IZMIRAN) of the Russian Academy of Sciences, met with Boriska and invited him to Moscow for examination.

Some of Lugovenko's colleagues participated in the examination of the boy. Lugovenko conducts research into Indigo children in Russia and other countries, and considers they have been born on this planet over the past 20 years for a reason. Apparently these children are connected to the development of a future Earth civilisation.

Boriska and his mother were invited to a special education camp on Atalsky Lake in Tulskeya Province, where there is a spot where the Earth's energy has a particular effect on people.

I have read a scientific report on the measurements of the causal, ethereal, emotional and mental limits of the biofields of the expedition members. I have to say that, first, the boy has a really strong biofield in comparison with the other participants and, second, after the expedition his biofield expanded more so than that of the others.

Photographs of Boriska's aura also tell a lot about him. To quote a document:

"Before the experiment, the prevailing colour in the photo was yellow, which characterises the intellectual strength of a happy, attractive person. In the bottom left corner, a bright red colour can be seen, which can suggest the activity, unselfish love and energy of the boy."

"After the experiment, the photo changed relatively little: in the bottom left corner, a green light appeared. This suggests the life force, positive tendency and friendliness of the boy."

Lugovenko intends to continue the observations of Boriska, and recently he went to Zhirnovsk to familiarise himself with Boriska's life in his home.

He also went to the anomalous zone on Blue Mountain, which is a few dozen kilometres from Zhirnovsk.

"I am sure that, in the moral sense, Indigo children greatly differ from others their age," relates Dr Lugovenko. "They have an extraordinary sensitivity to any falseness, a development of intuition, telepathic powers and a connection to the cosmos. We can hope that the boy will fulfil his intended mission on Earth, about which neither he nor we can guess yet."

"If evil powers don't prevent him," I would add.

Perhaps I want to hope that Boriska's troubles will only serve to strengthen him.

Editor's Note:

This article is provided courtesy of Project Camelot and has been edited for space. The complete version as well as video footage taken by the Project Camelot team and other material related to Boriska can be viewed at http://projectcamelot.org/indigo_boy_from_mars.html.

A short item about Boriska was published in NEXUS Twilight Zone, vol. 13, no. 1.

Bill Ryan and Kerry Cassidy are the team behind Project Camelot. We published their interview with ET archivist "Mr X" in NEXUS vol. 13, no. 6, and their interviews with Livermore physicist "Henry Deacon" in vol. 14, nos 1 and 5. Visit their website at <http://projectcamelot.org/>.

In his words, Mars used to be closer to Jupiter and the Moon then belonged to Mars. But after a giant cosmic cataclysm, Mars changed its orbit, which is how Earth got its satellite, the Moon.



EVIDENCE THAT GIANTS WALKED THE EARTH
by Ted Twietmeyer © 2008

Near the coastal town of Llandudno in the north of Wales, in an area that rises 220 metres above the Irish Sea, there is an ancient copper mine. Known as the Great Orme copper mine, it has been dated to the Bronze Age, about 3,500 years ago.

It is believed that the mine stretches for many kilometres, with six kilometres of it already surveyed. It is known to have nine levels within it, and that over 1,700 tons of copper has been removed from it. This is quite a staggering accomplishment for a society of that era that did not use power tools, or at least power tools as we know them today.

More than 2,500 sledgehammers have been recovered in the mine. The largest weighs in at around 64 pounds [29.03 kilograms]. Who on Earth could have wielded a 64-pound sledgehammer?

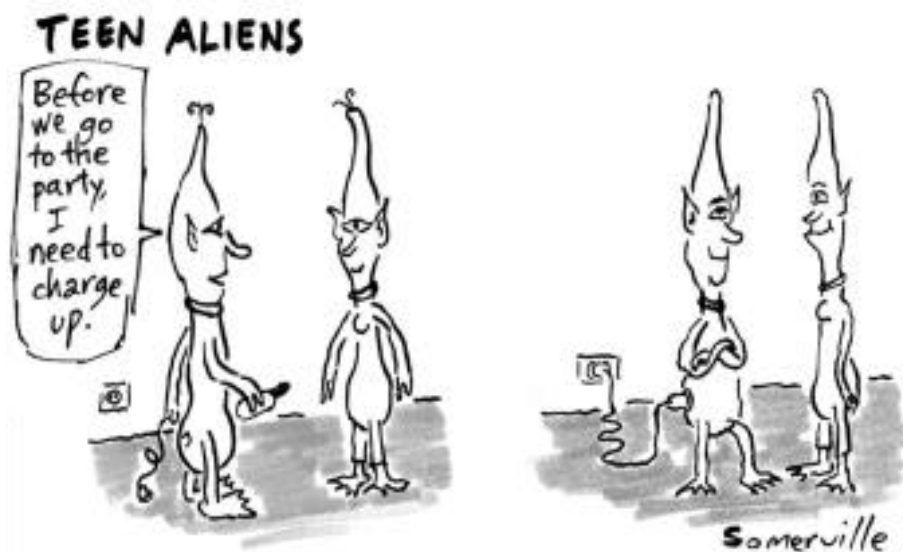
The largest typical sledgehammer used today weighs 20 pounds [9.07 kg] (fig. 1), though sledgehammers in the 10-pound [4.5-kg] class are more commonplace. A grown man (without back trouble yet) can wield a 20-pound sledgehammer, but only for limited amounts of time; that is, unless smashing masonry and doing demolitions

is his livelihood—in which case he might do it for several hours at a time. This author owns a 10-pound sledgehammer, and the only words to describe using it are misery, sweat and pain—and not necessarily in that order! It's very hard to imagine using one of these for mining, day in and day out.

So, who or what could have wielded one of these 64-pound back-breakers? If we scale up the size of the ancient people to

proportions that would make them capable of using this tool, the workers at this copper mine must have been giants—perhaps 12 to 18 feet [3.7 to 5.5 metres] tall, or about three times taller than an average human being of today. To put this into perspective, the average floor-to-ceiling height in an average home built in the United States within the last 50 years is just eight feet [2.4 metres].

Perhaps these are the people referred to



THE TWILIGHT ZONE



Entrance to the Great Orme Copper Mine¹

to the size of their body, like most mammals, it could indicate they had a very high level of intelligence. Elephants are the largest known land mammals and also have a high degree of intelligence.

Could it also be that megalithic monuments such as those in England (Stonehenge), France, Egypt, Easter Island, the Orkney Islands (see fig. 4) and elsewhere were constructed by an ancient race of giants? To our race as human beings, these stones appear incredibly massive—and they are.

It is universally accepted that these massive stones and blocks require some type of mechanical advantage to handle and erect them. As large as these stones are, most seem to average about the same height everywhere they are found on Earth. These stones may not have been any taller than the giants who mined, handled and erected them.

All things are relative, whether it is the year 2008 or the year 5000 BC. Some precepts are universal in nature. If you

in Genesis as giants, who lived in/on the Earth in those days. What the Bible doesn't tell us in any great detail is precisely where those giants came from. Could it be that the race of giants came from the stars or perhaps from another planet in our solar system? There is some biblical evidence that they are the "fallen ones", known as the Nephilim. In Sumerian text and images we see evidence of a giant race, such as depicted in the tablet in fig. 3.

A large portion of the brain is dedicated to controlling the hand. If another finger on each hand were present in a human, this would require a larger brain area to control the additional two fingers. There are numerous accounts that the giants

possessed six fingers on each hand (fig. 4). If the brain of these giants is in proportion



Fig. 1. Modern 20-pound sledgehammer. The head is about the size of a standard house brick. Standing up, the handle is about 3 feet [0.9 m] long.²



Fig. 2. This is the same 20-pound sledgehammer as in fig. 1, scaled up by 300 per cent to the size of a 60-pound sledgehammer (currently not manufactured). The handle would be nine feet [2.74 metres] long, with the metal head about the size of a cement block. An even bigger, 64-pound sledgehammer was found at the Great Orme copper mine by archaeologists. To lift this 60-pound hammer using only the far end of a nine-foot-long handle would be beyond the strength of any modern-day human. To swing it with force would be virtually impossible.



Fig. 3. Sumerian tablet with seated giant king. How tall might this king be if he stood up? The more you study this image, the more symbolism you'll find. Note the great detail in the king's attire and cuneiform writing in the clay.³

stood 20 feet [6.1 metres] tall and were handling a stone 18 feet long, it may not be any more difficult to position it in the ground than it is for a modern human adult to put in a concrete mailbox post. This may be oversimplifying things a bit, but you get the concept here.

The issue of giants on Earth no longer appears to be within the realm of

speculation. Megalithic monuments constructed of massive stones appear to support this concept. It may have been that giants simply picked up the massive blocks and set them in place. I'm sure archaeologists will take a dim view of my idea. Depending on the size of these beings who walked the Earth many millennia ago, handling the blocks used in



Fig. 5. Standing stones on the Orkney Islands⁵



Fig. 4. Sumerian giant with six fingers⁴

the construction of many of the monuments such as the Great Pyramid and Stonehenge might be the functional equivalent of an ordinary human being picking up a cement block.

But the mystery still remains: why did they go to so much trouble to build so many of these monuments?

About the Author:

Ted Twietmeyer has been involved in engineering systems for more than 30 years. His responsibilities included numerous critical systems for NASA, the aerospace industry and the US Department of Defense. A project manager for more than 20 years and an engineering director at two companies, he is also a writer of numerous essays on anomalies associated with the Earth, Sun, Moon and Mars. He can be emailed at tedtw@frontiernet.net. For additional information, visit the websites <http://www.data4science.net> and <http://www.bookonmars.info>.

Endnotes

1. <http://www.philipcoppens.com/greatorme.html>
2. Source: Google Image Library
3. <http://www.returnofthenephilim.com/PhotosSumerianGiantsGods.html>
4. <http://www.sydhav.no/giants/more.htm>
5. <http://www.philipcoppens.com/orkneys.html>

SECRET UNITED NATIONS MEETINGS ON UFOs

by Michael E. Salla, PhD © 2008

A French aviation expert has come forward to reveal his participation in secret meetings, held from 12 to 14 February 2008 at the United Nations New York headquarters, that discussed the UFO phenomenon.

Gilles Lorant is a former research attaché with the Centre National de la Recherche Scientifique (CNRS, National Centre for Scientific Research), a government-funded research organisation under the administrative authority of France's Ministry of Research. He is also a former auditor with the Institute of Advanced Studies for National Defence (IHEDN), the French organisation that produced the 1999 COMETA Report on UFOs.

Lorant revealed that a series of UN meetings was held over a three-day period. The meetings involved 40 representatives of 28 member states. Lorant further claimed that depending on the official status of the meetings, a report may be officially released by the end of March to

member nations that could not attend.

The initial meeting was held on 12 February and, according to Lorant, led to a request by three US senators for further discussions. Additional meetings were held immediately after, on 13 and 14 February.

In the meetings there was discussion of a confidential report, prepared by the US Air Force and a branch of the National Guard, concerning the societal impact of UFO sightings.

Lorant revealed that the report had been ordered by the three US senators, who commented on it. He did not clarify if the senators actually attended the meeting or whether their comments were merely projected onto the screen. He said that no documents were distributed at the meetings.

The meetings were very concerned about social upheaval from continued UFO sightings and the testimonies of individuals claiming to have first-hand knowledge about UFOs, extraterrestrial life and future global events. It was reported that adverse public reactions to UFO sightings could have a dramatic economic impact that could lead to recessions in some countries.

Vatican representative to attend multiple meetings, as was the case with other attendees. Similar confirmation also exists that Sir John Sawers was present at the UN during this period and could therefore have attended all or some of the sessions of the secret meetings.

According to Lorant, security at the meetings was not very tight and participants merely had to sign an "appreciation form" at their conclusion. Apparently other, more high-security meetings were underway that were conducted behind chained doors with guards in front.

Official Openness in 2009?

Lorant also revealed that one-and-a-half hours of the meetings was devoted to discussion of recent UFO sightings, and that agreement was reached to develop an official policy of "openness" to UFO reports in 2009, provided that certain global conditions were met. Most important appeared to be social stability in G-8 countries and the maintenance of liberal democratic systems in developing nations.

Lorant also suggested that an official opening in attitudes would only occur if UFO sightings continued at present levels. His revelations indicate an official effort to coordinate international policies in response to an *unprecedented* number of UFO sightings in 2007–08.

For example, a parliamentary question raised about UFO sightings in Japan led Japan's Defence Minister Shigeru Ishibato to state publicly, on 20 December, the official Japanese defence policy in the event that extraterrestrial vehicles appeared over Japanese airspace. He claimed that if no hostile intent was displayed, the Japanese Self-Defence Forces would not militarily engage with extraterrestrial visitors. Ishiba's statement is one of the few public policy statements released by a major nation on possible responses to extraterrestrial visitors.

Further investigations are currently underway to corroborate more aspects of Lorant's testimony and to find other attendees willing to disclose what happened at the secret UN meetings discussing UFO sightings.

(Source: Dr Michael E. Salla, 1, 5, 6 March 2008, <http://www.exopolitics.org/Exo-Comment-68.htm> plus links)

High-level Attendees

In a pre-interview discussion with a French radio journalist, Didier de Plaige, Lorant revealed that the meetings were chaired by Srgjan Kerim, the President of the UN General Assembly. He also identified the Vatican's Apostolic Nuncio and Permanent Observer to the United Nations, Archbishop Celestino Migliore, and Sir John Sawers, Britain's Permanent Representative to the United Nations, as having attended.

Lorant's list of attendees is strengthened by a Vatican announcement that Archbishop Migliore was present at the UN on 13 February to deliver a speech on the global environment to the General Assembly. According to Lorant, it was possible for the





REVIEWS

BOOKS

Reviewed by Ruth Parnell

LET FOOD BE YOUR MEDICINE

by Marguerite Henshaw

Marguerite Henshaw, Western Aust, 2007
ISBN 978-1-905570-13-3 (175pp tpb)
Available: Marguerite Henshaw, PO Box
950, Subiaco WA 6904, Australia, tel +61
(0)8 9201 2226

Forget taking the easy way out at the supermarket with processed and food-mile-exhausted, unseasonal produce. Instead, buy fresh foods that are grown locally, in harmony with nature—foods that promote good health. This is the message of English-born, Western Australian resident Marguerite Henshaw, known as "The Queen of Raw Cuisine" for her expertise over the last 20 years in nutritional health and for her famous raw food workshops.

In *Let Food Be Your Medicine*, Henshaw encourages us to take our health into our own hands so we can live the long, healthy, happy lives we were created for. It may sound clichéd, but we *can* eat our way to good health, and Henshaw's prescription includes knowledge of the benefits of enzymes, essential fatty acids, food combining, sprouting and juicing, the wonders of water and the energy of light and love. She extols the power of raw foods, which have healing properties such as increasing cellular respiration and repairing body malfunctions. She goes so far as to say that "[r]aw food is the only truly healing food".

Through her self-published book you can learn about biochemistry principles, the health benefits of alkaline-forming vegetables and fruits, and why some foods aren't

easily digestible. You can discover a world of raw food recipes that are easy to prepare and delicious to eat. Henshaw tempts us with menus illustrated with colour photos. It's amazing how raw foods can be utilised for an interesting culinary experience from appetiser to dessert. She includes some choice recipes for almond milk (an alternative to dairy and soy) and for Essene bread using sprouted grain. Henshaw also warns about harmful foods such as pork products, shellfish (scavengers of the sea), refined flour, sugar and salt, soy (an endocrine disrupter) and excitotoxins. And she takes a stand against microwaving foods: this can convert substances to organotoxins or carcinogens. But don't despair: one of her key pieces of advice is that "love is the secret ingredient to perfect food". Live on!

CURE TOOTH DECAY

by Ramiel Nagel

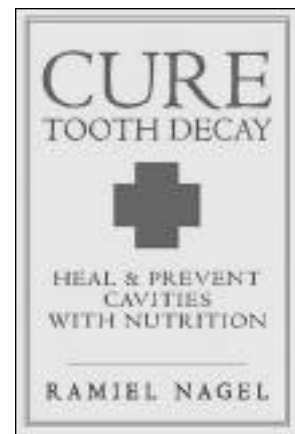
Ramiel Nagel, California, USA, 2007
ISBN 978-1-4348-1060-1 (121pp tpb)
Available: www.curetoothdecay.com

The secret to preventing, controlling and overcoming tooth decay can be found in proper nutrition, says Ramiel Nagel. While not a dentist or a health professional, he has put together information that was brought to public attention 70 years ago by dentist Dr Weston A. Price. His inspiration to find the real cause and cure for tooth decay came when his one-year-old daughter became afflicted and he suffered four new cavities and tooth sensitivity near the gum line.

His book *Cure Tooth Decay* is the result of three years of research and applying a protocol developed by Dr Price (based on studies of indigenous diets) and extended by dentist Dr Melvin Page. Further to his article in this

edition, it contains more details on the vitamin- and mineral-rich foods that can help remineralise teeth and improve overall health—and the foods that don't. The protocol includes consuming raw dairy products, raw wild fish/shellfish and raw organ meats frequently as well as bone broths, fresh vegetables, fermented foods and more on a daily basis, according to instinct, in order to obtain optimum nutrition. There's more detail on the ideal ratio of elements to build healthy, cavity-free teeth, and on why sweet foods (processed and natural) strip vital minerals from the teeth and bones. Plus, there's more on assimilation difficulties and the problems with modern dental treatments.

Nagel devotes a large section to a "sane" approach to treating and preventing tooth decay in early childhood. It includes dietary advice, a warning that vaccines promote decay, and answers to frequently asked questions. He's convinced he's uncovered the cause of tooth decay, and is passionate to share his knowledge in service to humanity.



REVIEWS



LIFE FROM LIGHT: Is it possible to live without food?

by Michael Werner & Thomas Stöckli
Clairview Books, East Sussex, UK, 2007
(first pub. as *Leben durch Lichtnahrung* by
AT Verlag, Baden & Munich, 2005
ISBN 978-1-905570-13-3 (225pp tpb)
Available: www.clairviewbooks.com

Can you imagine that we can receive nourishment from light alone? Well, consider that biophysicists confirm that electromagnetic radiation accounts for three-quarters of the energy supplied to and given off in humans and that acquiring energy quantitatively via food plays only a small part. Consider, too, that philosopher Rudolf Steiner said in a 1910 lecture that "matter is condensed light", the concept being that "light" has an "etheric" power; indeed, it's the *prana* of the Hindu sages.

Inspired by Steiner, the feats of yogis and the 1998 book *Living on Light* by Australian healer Jasmuheen, Michael Werner (a German-born, Swiss-based chemist and health institute managing director) stopped eating solid foods at the beginning of 2001. He embarked on Jasmuheen's 21-day plan, based on three seven-day cycles, to explore the possibility of living without eating. The plan allows the drinking of fluids only after the first week, and Werner, then 51 and battling an illness, came through the process feeling better than he'd ever felt. He continues on this path, which does allow consumption of water, juices and even tea and coffee. However, the entire exercise is a spiritual "conversion" of sorts, a departure from materialism, leaving one with a greater—and ongoing—attunement to nature.

Life From Light, co-written with spiritual enquirer and journalist Thomas Stöckli, con-

tains a 2004 lecture from Michael Werner with his answers to questions from the floor, an account of the 21-day process by Jasmuheen associate Charmaine Harley, reports from others who have followed the process, and Werner's commentary on himself as a scientific case study (all his vital signs are normal if not better than an average man in his mid/late 50s). There's additional commentary from Stöckli on the need for scientific exploration of the phenomenon of being able to live without food, and fascinating historical examples of people who have literally lived on light.

This unusual life choice is not for everyone, but it's a fascinating one that opens up a new paradigm in human existence.

CHOOSING NOT TO IMMUNISE OUR CHILDREN

by Dale Frazer, DO, BSc
Inkview Publishing, NSW, Australia, 2007
ISBN 978-0-9775895-0-0 (290pp tpb)
Available: <http://www.inkview.com>

Years of research led Dale and Sharon Frazer, both osteopaths with health-related science degrees, to decide *not* to have their children vaccinated when they eventually did have them. They analysed the prevailing medical opinion that the benefits of vaccination far outstrip the risks, and weighed this against the fact that no medical treatment is 100 per cent effective or safe.

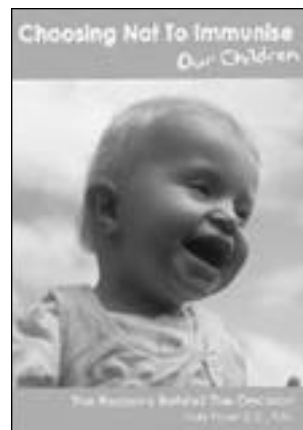
With their joint experience in tow, Dale Frazer has written this book to help parents make the decision that's right for their children. He acknowledges that immunisation is a topic "powerfully charged" with fear, whether you support the "for" or "against" side of the debate. He's keen not to go down the path of fear but to present a balanced

view based on sturdy findings from immunology, toxicology and epidemiology.

Dr Frazer's book is divided into two parts: understanding the orthodox medical model, and looking from an unorthodox perspective. From studying the orthodox model with all its simplicity and logic, Frazer concludes that the immune system is far more complex than acknowledged, so there's enormous scope for error when we operate from the perspective of incomplete knowledge and inaccurate perceptions. Besides, human physiology has its own innate wisdom.

His extensive research backing him up, Frazer is satisfied that immunisation is not an appropriate method for preventing childhood disease. He challenges immunisation theory and the germ theory of disease and establishes a valid theory of health that contradicts the notion that immunity can be gained via immunisation.

Parents, and anyone contemplating having children, owe it to this next generation to investigate the down side of immunisation.





REVIEWS

THINK OF AN ELEPHANT: Combining science and spirituality... by Paul Bailey

Watkins Publishing, London, 2007
ISBN 978-1-905857-17-3 (402pp tpb)
Available: www.watkinspublishing.com

The title of this book is a reference to scientists contemplating what would happen to an elephant sucked into a black hole, and is also used by author Paul Bailey in a mental exercise in learning how to let go. Achieving this state of detachment is one of the hallmarks of becoming spiritually mature and integrated.

One of our greatest life challenges—on a personal as well as a collective level—is to find a balance between the forces of separation and isolation and those of connection and unity. Bailey, an educator and healer, advocates an holistic approach to living that requires taking personal responsibility for our physical, mental, emotional and spiritual selves. Everything is connected, or networked, and has a relationship with everything else. There's the created reality but also the original reality that we arise from: it's called infinity, and it supports created reality; it's timeless and invisible, and it's the source of creativity and spontaneity. We may not be conscious of it, but we do live within this extra, infinite dimension, says Bailey. But how do we increase awareness of this reality, the stuff of spiritual tradition?

To show that science and spirituality are two sides of the same coin, Bailey taps into knowledge from quantum physics, theology, cosmology, holistic health, evolutionary theory and neuroscience. He presents evidence for an informed spirituality and shows why it's important to develop this if we want to change our world for the greater good. He

delineates the eight steps and characteristics on the path to spiritual integration and connection with the intelligent universe.

Bailey has compiled some excellent meditations through which we can liberate ourselves and link with "the unifying experience within everything". Visit his website (www.mindbenders.com.au) for more on his inspirational outlook and practices.

THE HIDDEN ORACLE OF INDIA by Andrew and Angela Donovan

O Books, UK, 2008; www.o-books.net
ISBN 978-1-84694-074-3 (139pp tpb)
Available: **Aust**—Brumby, tel (03) 9761 5535; **UK/Eur**—Orca, tel 01202 665432; **USA/Canada**—NBN, tel 1800 462 6420

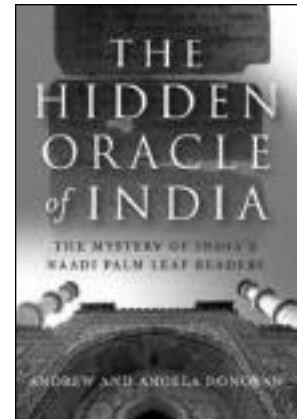
An extraordinary body of knowledge and an oracle *par excellence* exists in the Naadi palm-leaf scripts of India, mainly found in the southern state of Tamil Nadu. Authors Andrew and Angela Donovan (he an open-minded sceptic, she a talented medium) tracked down the palm-leaf readers in 2004 when they travelled from the UK to Kashmir to attend a wedding.

To cut a long story short, these custodians of the Naadi scripts can find a palm leaf that relates to you alone, based on a thumbprint type (there are 108 personality types in this ancient database) and a process of eliminating the facts that don't apply. These records are written in the context of the exact time when the querent arrives for the first reading. Andrew was stunned to hear not just intimate details of his life story but that his mother had just been admitted to hospital in a serious condition—which he was able to verify soon afterwards. From what he can determine, these writings are said to have been dictated by the avatar Shiva, thus mak-

ing them up to 5,000 years old. There's a tradition of copying these bundles of palm-leaf writings to preserve them. They present an interesting conundrum: would the writings that relate to a particular person be there if that person never visited, or are they only there because of that person's visit?

The dedicated, dispassionate and yet joyful palm-leaf readers give prognostications on the future, based on their detailed knowledge of Indian astrology, and commentaries on the past of the individual. They give remedies for progress, often involving *puja* and payment to atone for wrongdoings.

The authors took all this in their stride and came away with a renewed, ongoing vigour as to their life paths and soul purposes. Their friends, in whom they've cultivated an interest in these Naadi palm-leaf readings, all seem to concur, and several contribute their perspectives in the Donovans' book. There are some fascinating asides in this most unusual story (see the Donovans' article in this issue). An uplifting journey.



REVIEWS



THE GOLEM:

A World Held Hostage – Israel's Nuclear Hell Bomb and the Road to Global Armageddon

by Michael Collins Piper

American Free Press, Washington, 2007

ISBN 978-1-57174-533-0 (182pp tpb)

Available: www.michaelcollinspiper.com

The State of Israel has had a long-time pernicious influence on the USA, says American author, critic and talk-show host Michael Collins Piper, who suggests that anyone who speaks out against its policies, its Zionist philosophies or its elitist lobbyists is labelled an anti-Semite. That's what happened to General Wesley Clark (Ret.) (actually, the son of a Jewish father), who in 2004 pointed out that the US Jewish press was openly advocating American military action against Iran, with "New York money people" putting pressure on political candidates and politicians to go down this treacherous road. Clark was not alone among the military in holding views contrary to those of the neoconservative, fanatical, pro-Zionist members of the present Bush administration. Piper was even blacklisted by the Israel-based Coordination Forum for Countering Antisemitism for attending the December 2006 Tehran conference at which Iran's president Ahmadinejad denounced the Zionist factions of the Israeli government.

In his new book, Piper uses the Jewish myth of the Golem as a metaphor for the nuclear arsenal that Israel has at its disposal to "defend" itself but possibly to obliterate the Middle East if not the whole world if it so desires. He slams Israel's defiant stance in refusing to sign the nuclear non-proliferation treaty and flouting international conven-

tions by refusing to allow inspections of its nuclear arsenal (Mordechai Vanunu was right, and is still being persecuted for revealing some of Israel's nuclear secrets). Piper warns against Israel having unbridled authority in the region and over its "tool", the USA—or at least its Zionist factions. The world should not be held hostage by Israel's nuclear Golem, implores Piper, who claims that unless Israel dismantles its "Hell Bombs" there will be no peace.

Piper keeps the rhetoric to a minimum in his exposé, but he's sure to enrage certain Jewish and Zionist factions regardless.

TURNING THE TEMPLAR KEY

by Robert Lomas

Lewis Masonic, Hershham, UK, 2007

ISBN 978-085318-286-3 (383pp hc)

Available: www.lewisimasonic.com

In the final book in his "Key" trilogy, Robert Lomas investigates the links, if any, between Freemasonry, Templar Masonry and the Knights Templar. He concludes there is no proven historical connection, and that many myths have been "spun" over the centuries for political purposes to lead us to think there might be a connection.

To illustrate this, he uses the example of Sir William St Clair, the 12th Baron Roslin, who in 1446 laid the foundations and then oversaw the building of Roslin (Rosslyn) Chapel in Scotland. St Clair held vast lands and was planning to lay claim to the Scottish throne. He hired a Scottish scholar-poet, Gilbert Hay, a chamberlain to King Charles VII of France, to design the layout according to the floor plan of the Temple of Solomon, as Lomas has already proposed, and the ornately sculpted, esoterically inspired interiors. The result, which awes the visitor to

this day, is a pastiche of seven different stories, he reckons, complete with symbologies, designed to reinforce the St Clair claim to the Scottish throne. Yet nearly 200 years would pass before it became a political tool in the St Clair claim to masonic lineage.

Unexpectedly in this journey, Lomas finds the codes of the original Neolithic religion of farming—a religion led by a group of "fanatical" women who were in touch with the goddess of fertility. Those very keys to the realisation of the inevitability of death—that one generation has to die for another to live—are part of the Third Degree of Freemasonry and are also represented in masonic symbols. Those keys were also encoded in the Sumerian epic of Gilgamesh several thousand years later and this spiritual truth lives on, preserved in the 26th grade of the Ancient and Accepted Rite.

In closing, Lomas suggests Freemasonry offers a route to study the inner mystery of consciousness which is free of superstition yet reconciles later beliefs in an afterlife.





REVIEWS

THE SPIRITUAL TECHNOLOGY OF ANCIENT EGYPT: Sacred Science and the Mystery of Consciousness

by Edward F. Malkowski

Inner Traditions, Rochester, USA, 2007
ISBN 978-1-59477-186-6 (262pp tpb)
Available: www.InnerTraditions.com

Computer software developer and historical researcher Edward Malkowski (*Before the Pharaohs*; see review in 13/06) continues his study of ancient Egypt in his new book with recourse to modern scientific enquiry into the quantum universe and the nature of consciousness and perception.

He asks the basic questions about the mystery of life—who are we, why are we here and how did we get here?—and surmises that humans have always asked these questions but at some point the ancients integrated knowledge of creation into their wisdom traditions. So, religion was originally a representation of a scientific understanding of reality and consciousness, and the wisdom tradition of ancient Egypt was a shining example of how the symbologies of gods and goddesses were portrayals of the formation of matter from nothing and its development through observable stages.



Inspired by the research of René Schwaller de Lubicz, who from 1937 spent 13 years studying the geometric proportions and the inscriptions of the Temple of Amun-Mut-Khonsu in Luxor, Egypt, Malkowski explores the idea that the ancients, and even the precursors to the Egyptians, had a technology that was in harmony with nature; indeed, it was a "spiritual technology". In the foreword, engineer Christopher Dunn (who in *The Giza Power Plant* and other works conjectures that the Great Pyramid was a gigantic machine; see 5/06) defines this as "the manifestation of spirit through inspiration, creativity, invention, and work".

Malkowski posits that the science of Pharaonic Egypt was a sacred science that involved a qualitative approach to investigating nature. It also involved a harmony of

left- and right-brain thinking that played a part in the development of subsequent great civilisations and is still "cutting edge" today. Our new physics paradigms are only rediscoveries of this sacred science. There's much here to absorb and integrate.

RAISING STONE 1: Paul Hai's Racks & Pinions Theory

by Paul Hai

PHP, Mount Isa, Qld, Australia, 2007
ISBN 978-0-646-47679-7 (258pp tpb)
Available: PHP, PO Box 1537, Mount Isa, Qld 4825, Australia, tel +61 7 4743 3828
website <http://www.haitheory.com>

Mechanical tradesman Paul Hai, inspired by the reports of the Greek scholar Herodotus from his visit to Giza, Egypt, around 450 BC, has come up with an explanation of how the pyramids were built (see his letter published in our last edition).

Taking the historian's cue that the Giza pyramids were "built in steps, battlement-wise" and that after laying the stones for the base the constructors "raised the remaining stones to their places by means of machines formed of short wooden planks", Hai had a brainwave that a pinion-pulley system with wooden "rockers" was utilised. He suggests that cross-pegged curved wooden "lobes" were fitted radially around each block of stone, weighing an average 2,500 kg with approximate dimensions of one cubic metre, with four quadrants forming the pulley drum. A hoisting rope was tied to one of the pegs and wrapped around the drum until it was fully loaded with rope. The free end of the rope was then attached to a *shaduf*, an ancient type of crane, a class-one lever. Three ropes were probably wound to share the load. The load lay inside the pulley and the entire pulley wheel—a class-two lever—could then be hoisted higher using ropes guided by a grooved bearing stone. The pulley utilised the initially placed stones as a rack, helped with the placement of wooden rails. A claw-lift crane was then used to position each stone in its place, the claw fitting into pre-gouged holes in an already-placed stone. Hai says such an apparatus could provide a 2.8 mechanical advantage, thus a 2,500 kg load could be hoisted with three ropes, each sharing 300 kg of load.

Hai points to excavated artefacts which confirm that the pyramid-builders used these technologies and that this construction system would have been much more efficient than one using a ramp. His self-published book *Raising Stone* contains many colour illustrations and photographs to show how this ingenious construction method could have worked. It seems he's onto something.

REVIEWS



OIL APOCALYPSE

by **Vernon Coleman**

Blue Books, Devon, UK, 2007

ISBN 978-1-899726-07-3 (157pp tpb)

Available: www.vernoncoleman.com

While the problems of global warming and climate change are now gripping the world, the issue of peak oil is given little emphasis from politicians, policy makers and corporations. With 60 out of 98 oil-producing nations in supply decline and with world demand and consumption at all-time highs, we're heading for an "oil apocalypse" warns Vernon Coleman. A prolific author (e.g., *Living in a Fascist Country*, reviewed in 14/03), this former medical doctor believes we're on a collision course with disaster and we'd be foolish not to prepare for it because the decline in this resource is going to change our world utterly; indeed, it will be the end of civilisation as we know it.

According to the petroleum geologists and industry experts whom Coleman cites, most



oil-producing nations will reach their "peak oil" production by 2010 (if they haven't already), and so, with few large reservoirs having been found in the last 20 years, the downhill slide will escalate. Coleman refers to Richard Heinberg's writings on the major steps that are heralding the end of the oil age as well as his protocols to ease industry and individuals off their addiction to this energy source. He looks at the history and politics of past and present oil wars and believes there'll be future ones, as wars have always been fought over access to resources. His scenarios of what will happen when the oil runs out are frightening, although there is some hope if communities band together and become self-sufficient in food and energy. Industrialised food production, so dependent on oil, will suffer, and increasingly large volumes of land being devoted to biofuel production will cause major food shortages.

In discussing a "new energy blueprint", he examines the pros and cons of renewable

sources and concludes we may have no choice but to become more reliant on nuclear power in the future. He offers a "personal survival plan" to help us make the transition to an oil-depleted society more bearable, plus investment strategies for survival (although he himself invests in mining companies that are depleting metal resources and causing ecological damage).

Coleman's book is full of information made easy for the layperson to follow.

SCARED TO DEATH: From BSE to Global Warming...

by **Christopher Booker, Richard North**

Continuum, London and New York, 2007

ISBN 978-0-8264-8614-1 (494pp hc)

Available: www.continuumbooks.com

No period in history has been more ready to give credence to imaginary "scares" than our own, say journalist Christopher Booker and former food safety technologist Dr Richard North. They have identified the pattern by which a scare unfolds, manufactured by "pushers" and denied by "blockers", with both of these protagonists changing camp when it suits themselves.

There are seven attributes of a scare. A real problem becomes exaggerated, often by extrapolating from it to include something else. The threat must be universal and contain a strong element of uncertainty. It must seem scientifically plausible and also be promoted by the media. The crisis arrives when the threat is acknowledged by the government. Finally, the truth emerges.

To show how a scare pans out, Booker and North analyse some of the food crises of the 1980s–1990s: in the UK, the "killer eggs" of the salmonella outbreak; soft cheese "listeria hysteria"; BSE/CJD; *E. coli* contamination of meat and cheese; and more. In many cases, incorrect scientific evidence was wrongly extrapolated and unqualified "experts" were appointed to investigate these outbreaks—the causes of which were often misidentified or not properly identified at all. The authors are prepared to expose incompetence and political machinations, but not necessarily to accuse governments of deliberately promoting fear in the populace—as conspiracy theorists might.

Next, they consider general scares, including the millennium bug and global warming, which they dub "the new secular religion" where dissenters are treated like heretics. The final chapter is about the organophosphates crisis, when the UK government went all-out to cover up the emerging scientific data and keep the public in the dark.

Booker and North aren't deriding real scientific data, but are pointing out that vested interests can blow matters out of all proportion, with huge financial and social costs.



REVIEWS

THE BIG BOOK OF NEAR-DEATH EXPERIENCES

by P. M. H. Atwater

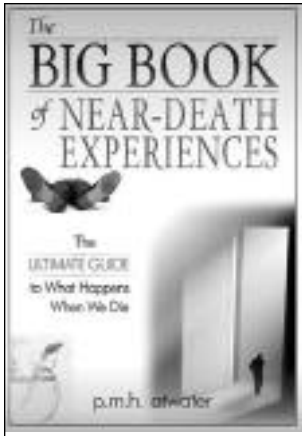
Hampton Roads, Charlottesville, VA, 2007

ISBN 978-1-57174-547-7 (473pp tpb)

Available: <http://www.hrpub.com>

Dr Phyllis Atwater has been writing about near-death experiences (NDEs) since she had three of her own in early 1977. Each time she experienced something different, and from her research she's figured that no two NDEs are exactly the same.

Her new book, with foreword by paranormal researcher Brad Steiger (see his article in our previous edition), is an encyclopaedia of everything you ever wanted to know about NDEs. In fact, Dr Atwater sees this book as a gift to the world, being the result of so many amazing contributions from researchers as well as experiencers. She is already giving half her royalties to the International Association for Near-Death Studies and intends to hand over full ownership to the group within five years.



The field of near-death studies is growing apace, with an intriguing body of knowledge already amassed covering experiences of children and adults alike. According to reports, there are positive and negative reactions to this age-old phenomenon.

In her *Big Book...*, Dr Atwater gets us up to speed on NDE research and the new criteria and models that have been developed in recent times. She outlines four main categories of NDEs and then delves into the physiological and psychological after-effects, noting that children can be six times more likely than their elders to repress what happened to them. Common to NDEs are the classic "light at the end of the tunnel" reports, remembering everything about an emergency situation from an out-of-body perspective, and making a decision to return to the here and now for whatever reason.

Next, Dr Atwater tackles the sceptics with answers to questions about dying and death

and admits investigations have a long way to go. She stretches our minds on subjects from consciousness to soul purpose and inner light, and brings us back to Earth on what we can learn about mortality from taking the near-death experience seriously.

Dr Atwater's large-format book is easy to read with pull-out text boxes, helpful definitions and illustrations. It goes far in helping us explore what happens when we die.

MYSTERIES AND SECRETS OF TIME

by Lionel & Patricia Fanthorpe

Dundurn Press, Toronto, Canada, 2007

ISBN 978-1-884820-86-1 (93pp tpb)

Available: UK—Gazelle, tel 01524

68765, email sales@gazellebooks.co.uk;

Canada—Dundurn, www.dundurn.com

Investigators of paranormal phenomena for over 30 years, Lionel and Patricia Fanthorpe have come across many examples of time anomalies. In order to try to understand them, they have done extensive research into the nature of time itself and how it was regarded by scientists from Aristotle through to Newton and Einstein. They consider theories of time as subjective or objective, cyclic or linear, finite or infinite, and they look into the theory of infinite regression as proposed by John W. Dunne in *An Experiment with Time* (1927). They also discuss the possibility of time travel and the merits of some alleged "time machines".

The Fanthorpes explore the philosophy and theology of time and the mysteries of reincarnation, time slips and *déjà vu*, giving historical and modern-day case studies. In 2006, while conducting research in the Callixtus catacombs of Rome, Lionel encountered and talked with a priest figure from 17 centuries ago; he's convinced the priest was not a ghost but had glided through a time portal to meet him (Lionel is also a priest). One famous "time slip" covered here is the case of two women who were walking in the grounds of Versailles in 1901 when they suddenly found themselves in the same place in the late 18th century.

Examples of ordinary people as well as famous prophets such as Mother Shipton and Edgar Cayce who have seen the future are included, as are "conquerers" of time such as the mysterious Count of St Germain. Anomalous artefacts and even live creatures found in rock strata raise further questions about time travel and visits by ETs.

In the conclusion to their fascinating study, the Fanthorpes suggest that a truly unified field theory must be able to account for every type of time anomaly that they identify. They propose the "instanton" as the basic particle of time, involved in energy exchange and momentum, thus the substance of time is infinitely flexible.

REVIEWS



NEXUS CONFERENCE 2007 DVDs and Videos

NEXUS CONFERENCE 2007 DVDs

Produced by E&E Productions, SA (90 mins each, PAL VHS or DVD, A\$35 each; boxed set of all 14 DVDs A\$350)
Distributor: **Australia**—E&E Productions, PO Box 444, Oaklands Park, SA 5046, tel/fax (08) 8387 9949, website <http://www.eande.va.com.au>;
NZ & UK—NEXUS Offices

1. CLIMATE CHANGE: What Is Really Going On? – Catherine Simons
NEXUS co-editor Catherine Simons presents alternative scientific views and probable causes of climate change that are not being taken into account.

2. SUPPRESSED TECHNOLOGY – Dr Ted Loder (USA)
The Chief Technology Officer for Space Energy Access Systems and Director of the Disclosure Project reveals secret, world-changing technology.

3. HUMAN ENERGY FIELDS REVEALED – Dr Harry Oldfield (UK)
Biologist and inventor of Polycontrast Interference Photography (PIP), Harry reveals the hidden energy fields of all living things.

4. THE AMAZING BROWN'S GAS – George Wiseman (USA)
Director of Eagle Research and free-energy researcher/manufacturer, George discusses Brown's Gas water torches and more.

5. THE HISTORY AND SCIENCE OF NEGATIVE IONS – Joshua Shaw

The inventor and manufacturer of the Elanra Therapeutic Ioniser, Joshua details the attempts to suppress his work.

6. VACCINATION: AN ASSAULT ON HEALTH FREEDOM – Meryl Dorey

Director of Aust. Vaccination Network and editor of *Informed Choice* magazine, Meryl shocks with her findings.

7. REVEALING THE SPIRIT WORLD – Dr Harry Oldfield (UK)

In his second talk, Harry reveals that ghosts, UFOs and other entities can be photographed using PIP technology.

8. EMR, CELLPHONES & YOUR HEALTH – Sherrill Sellman (USA)

Author and researcher reveals new info on what mobile phones are doing to your body's hormones and the environment.

9. PYRAMIDS ACROSS EUROPE – Phillip Coppens (UK)

Respected author presents little-known info on European pyramids, including the controversial Bosnian pyramid.

10. FROM SOIL TO HEALTH TO SOCIAL CHANGE – Graeme Sait

An expert in all areas of natural agriculture, Graeme reveals practical advice on planting and nutrition.

11. A CONTACTEE SPEAKS OUT – Flor Amanowicz

Flor speaks publicly for the first time of her extraordinary experiences with ETs in Peru and Australia's important role to come.

12. CROP CIRCLES MYSTERY – Phillip Coppens (UK)

Phillip's second talk covers the intricate geometry of many formations as well as behind-the-scenes politics.

13. UFO SECRECY & OUR FUTURE – Dr Ted Loder (USA)

Dr Ted Loder's second presentation clearly explains how we can gain immediate benefits from public disclosure and utilisation of advanced technology that already exists.

14. SUMMARY HIGHLIGHTS

A special 2-hour DVD or VHS (A\$45) covering the highlights and most popular segments of the conference.

THE NEXUS DVD
*The first 20 years:
all back issues on one disc!*

NEXUS – THE FIRST 20 YEARS ON DVD

Produced by NEXUS Magazine, PO Box 30, Mapleton Qld 4560 Australia, tel (07) 5442 9280, fax (07) 5442 9381
Available from your local NEXUS office (cost in Australia \$149 inc. GST & p&h)

An attractive DVD containing text-searchable PDF files of everything we have ever put in NEXUS. Simply pop it into your computer and you can search the entire 20 years of material at a touch, for any subject or keywords you desire. An invaluable resource for any reader!



REVIEWS

MUSIC

Reviewed by Richard Giles

LOST CANYONS

by Scott August

Cedar Mesa Music, USA, 2007 (66mins)
Distributor: **USA**—Cedar Mesa Music, tel +1 (323) 654 8600, website <http://www.cedarmesa.com>

The sound of native American flute is an affecting experience for me, and any such album always pulls me in. *Lost Canyons* is the fourth from Scott August, a prizewinner in the 2004 Native American Music Awards. While his background is in classical and popular music, in 1996 he discovered the Native American flute. Many of the tracks here are recorded on the ancient Anasazi flute, a rim-blown flute and one of the oldest instruments known to mankind. It has a very low, haunting tone and is traditionally made of box elder. A stunningly quieting and captivating album.

AFRIKI

by Habib Koité & Bamada

Cumbancha Music, USA, 2007 (46mins)
Distributors: **Australia**—destra, tel (07) 3457 5000; **Europe**—Putumayo, tel +31 294 711100; **USA**—Cumbancha, tel (802) 425 2118, website <http://www.cumbancha.com>

Malian guitarist Habib Koité, with his band Bamada, has established himself as a performer of classic African ballads. There's a sense of great progress in his new album *Afriki*, with a rhythmic, traditional edge to the songs. The female backing harmonies complement his effortless vocals. Balafon, ngoni, djembé drum and other local percussion instruments give solidity to songs which in his past albums have been too tempered by western influences (see 8/06). A smooth, strong, African sound.

THE WAY HOME

by Sacred Earth

Brumby Books & Music, 2007 (64mins)
Distributors: **Australia**—Brumby, tel (03) 9761 5535; **UK**—New World Music, tel (0)1986 891600, website <http://www.sacredearthmusic.com>

Prem and Jethro of Sacred Earth have become a household name at Australian markets and festivals (see 12/05, 13/03). Their first three albums were bestsellers in Australia and the pair is now touring the USA and further afield to spread their music to a world audience. This album is an extension of their soul-filled sound with the addition of new instruments—French horn, saxophone and keyboards—to combine with

Prem's divine voice and Jethro's masterful flute playing. A sacred musical treat from the Australian inner-peace duo.

DIAL M FOR MANTRA

by Jai Uttal

Sounds True, USA, 2007 (62mins)
Distributors: **Aust**—Brumby, tel (03) 9761 5535; **USA**—Sounds True, tel 1800 333 9185, www.soundstrue.com

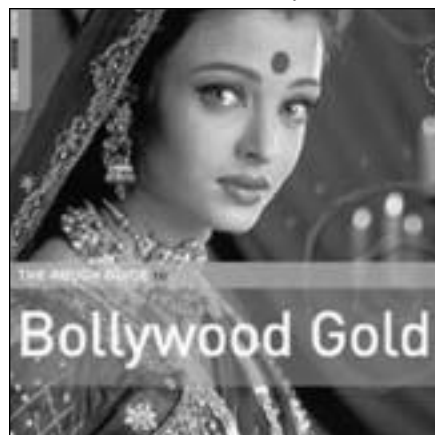
The music of Jai Uttal has been featured in past editions of NEXUS (see 3/01, 9/05). Jai has been a pioneer in blending Asian and Indian music with modern links from western traditions. In this album, he's supported in the remixes by Rara Avis of Shaman's Dream. The remixes are sourced from Jai's album *Kirtan!* and from other albums including collaborations with Ben Leinbach. There are funky dance beats with good bass lines, as well as devotional mantra tracks with down-tempo tones. Funky, grooving and exciting sacred sounds.

THE ROUGH GUIDE TO BOLLYWOOD GOLD

by various artists

World Music Network, UK, 2007 (74mins)
Distributors: **Australia**—destra, tel (07) 3457 5000; **UK**—World Music Network, tel 020 7498 5252, website www.worldmusic.net; **USA**—Putumayo, tel (212) 625 1400

If you haven't yet discovered Bollywood music, you must have missed landing on Earth at the last turn. This Rough Guides collection is replete with some of the classics of Bollywood. The music is mainly from the 1960s and 1970s and includes the sounds of India's finest movie singers. You'll recognise the voice of the famous and versatile Asha Bhosle on several tracks. The album includes material by Jolly Mukherjee, Mukesh, Lata Mangeshkar, Mohammed Rafi, Kishore Kumar and many others. A must-have for Bolly-fanatics.



Continued from page 17

"Attack on Iran: Pre-emptive Nuclear War", *The American Conservative*, 1 August 2005).

Dick Cheney's "contingency plan" was predicated on the pre-emptive war doctrine. Implied in the plan was the presumption that Iran would be behind the attacks.

The Pentagon, in a parallel initiative, has finetuned its military agenda to the point of actually envisaging a "Second 9/11" scenario as a means to providing the US administration with a "credible" justification to attack Iran and Syria:

"Another [9/11-type terrorist] attack could create both a justification and an opportunity that is lacking today to retaliate against some known targets [Iran and Syria]."

(Statement by a Pentagon official, leaked to the *Washington Post*, 23 April 2006; emphasis added)

Meanwhile, the US Congress is concerned that an "American Hiroshima" could potentially damage the US economy: "What we do know is that our enemies

want to inflict massive casualties and that terrorists have the expertise to invent a wide range of attacks, including those involving the use of chemical, biological, radiological and even nuclear weapons... [E]xploding a small nuclear weapon in a major city could do incalculable harm to hundreds of thousands of people, as well as to businesses and the economy."

(US Congress, House Financial Services Committee, 21 June 2007)

As far as sensitising public opinion to the dangers of a US-sponsored nuclear war is concerned, with a few exceptions there is a scientific and intellectual vacuum: no research, no analysis, and no comprehension of the meaning of a nuclear holocaust which in a real sense threatens the future of humanity. This detachment and lack of concern of prominent intellectuals characterises an evolving trend in many universities and research institutes in the strategic studies, the sciences and social sciences.

Academics increasingly tow the line. They remain "mum" on the issue of a US-sponsored nuclear war. There is a tacit acceptance of a diabolical and criminal

military agenda, which in a very real sense threatens life on this planet. The US-NATO doctrine to use nukes on a pre-emptive basis with a view to "saving the Western world's way of life" is not challenged in any meaningful way either by academics or by media experts in strategic studies.

About the Author:

Professor Michel Chossudovsky is Professor of Economics at the University of Ottawa and Director of the Centre for Research on Globalization, Montreal, Canada (<http://www.globalresearch.ca>). He is editor of and a regular contributor to GlobalResearch.ca, the group's online presence. He is the author of *The Globalisation of Poverty* (1997) and *America's "War on Terrorism"* (2005). His previous contributions to NEXUS are "The US Finances Ethnic War in the Balkans" (2001, 8/04) and "US Agenda for Global Military Domination" (2005, 12/04).

Most of the references relating to Professor Chossudovsky's article this issue can be accessed via hyperlinks at the web page <http://www.globalresearch.ca/index.php?context=va&aid=8048>.

Continued from page 26

Afterword: Marshalling Opposition

A September 2006 WTO tribunal ruled for the US and against the EU. In so doing, it threatens to open this important agricultural region to the "forced introduction [of] genetically manipulated plants and food products".

It recommended the WTO Dispute Settlement Body (DSB) require the EU to conform with its obligations under WTO's SPS Agreement that lets agribusiness ignore national laws and rights that protect public health and safety. Failure to comply can cost EU countries hundreds of millions of dollars in annual fines, so this issue is crucial to both sides.

At the time of Engdahl's writing, it was unclear if the "GMO juggernaut would be stopped globally". It's still uncertain, but as of December 2007 only nine biotech food products are authorised for sale in the EU. So far, most US corn exports are blocked and trade in other products is hindered in spite of dozens of applications pending in the pipeline, their fate undecided.

Several EU countries, including France,

Germany, Austria and Denmark, even ban some EU-approved biotech food products, further clouding the outlook. Polls show why, with European public opinion strongly opposed to GMO foods and ingredients. Hostility levels in France are as high as 89 per cent, with 79 per cent wanting governments to ban them.

This shows that European consumers are far ahead of Americans and much better protected (so far) by their overall exclusion as well as having labelling requirements for those products allowed to be sold. That provision is crucial as it empowers consumers to decide whether to use or avoid these foods. If enough people abstain, food outlets won't carry them.

Engdahl ends on a high note by observing how vulnerable GMO giants are to criticism.

Thrusting untested products down consumers' throats is "grounds for organizing a global ban or moratorium on them" if enough vocal opposition can be marshalled.

Throughout his book, he sounds the alarm with reams of carefully documented facts on the industry, its products and goals.

Converting world agriculture to GMOs, allowing agribusiness free rein over them, and combining that scheme with a diabolical population-culling agenda add up to solving world hunger through genocide and endangering the rest of us in the process.

So far, Washington and the industry are on a roll towards controlling oil and food. Hundreds of millions around the world stand opposed, but it's unclear if that's enough.

Engdahl's book is a wake-up call for every friend of the Earth to understand that issues this crucial can't be left in the hands of unscrupulous business giants and their supportive friends in high places everywhere. The book has reams of ammunition against them. It needs to be thoroughly read and its information used. The stakes are much too high. Human health and safety must never be compromised for profit.

About the Author/Reviewer:

Stephen Lendman lives in Chicago, USA, and can be contacted by email at lendmanstephen@sbcglobal.net. Visit his blogsite at sjlendman.blogspot.com.

Continued from page 41

In creating the technology, first of all I had to develop a method and produce devices to record electronically any energetic changes that the body experiences when under stress. Next, I needed to develop a method and produce devices to modulate this electronically saved data onto carrier substances. Then I needed to find suitable carrier substances that would allow for the data/information to be lastingly modulated onto without degrading shortly afterwards.

In line with best scientific practices, all forms of prevention had to be addressed and studied. With iHIT®™, primary prevention which entails minimising exposure is addressed. In addition, secondary prevention is addressed, in that iHIT does not produce any symptoms in the first place. Eventually the need for tertiary prevention, which involves correction, rehabilitation and support, is made redundant. These statements can be empirically verified using any quality, noninvasive diagnostic device.

With this momentous groundwork laid, I proceeded with elaborate test-runs on several of my products. However, I was

soon to discover that, contrary to my theories, it was impossible to build a "universal product", since a universal concept would not produce any positive results in the test subjects.

Based on these findings, new studies involving differing frequency ranges had to be conducted on my test subjects, the results of which allowed me to develop the range of products available in their current, final stage. Eventually, a series of double-blind studies was conducted on these sophisticated products in my clinic.

After word of my therapy successes had begun to circulate around Germany, I had discussions with an independent author in order to obtain unequivocal third-party accreditation that my iHIT®™ did indeed work—and work for the benefit of mankind. A series of international studies was subsequently arranged, involving independent parties, which confirmed my results on all counts. Among these were studies conducted by the University of South Australia in September 2004 (see <http://www.australianstudy.blogspot.com>).

On a final note, when I first started out to investigate the subject of e-smog over 20 years ago, I had no idea of the degree of

rejection, ignorance and ridicule I would encounter on my journey, particularly from orthodox science. However, none of this was really new to me: I had had my fair share of controversy, scorn and animosity while running my clinic, enduring all kinds of unfounded attacks and allegations. And still, to this day, alternative medicine and its amazing results keep being wrongly decried as "placebos".

About the Author:

Walter Laufs has been an alternative health practitioner since 1988. He has developed a range of e-smog protection devices under the brand name of WillauTronic®.

Editor's Note:

Due to space constraints, we could only publish an edited version of this paper by Walter Laufs. For the complete text plus footnotes and references, go to the web page <http://www.innerglow.com.au/data/innerglow/research.pdf?PHPSESSID=30c55a2f17fae723211cc49654af73d> (<http://tinyurl.com/yrm7vv>). For enquiries, visit Inner Glow's website at <http://www.innerglow.com.au>.

Origin and Symbolism of the Crystal Skulls

Continued from page 56

used in modern technological appliances to store information.

It is clear that some of the "psychic communications" between some people and the skulls make for "extravagant" and at best unlikely claims. Sceptics have had a field day with tales of how the skulls are of alien origin, perhaps from such star systems as the Pleiades or Orion, and claims that they may be hundreds of thousands of years old.

But someone listening to a record with a broken needle will hear a very distorted communication. He is likely to conclude that the needle needs replacing and that this will thus allow him to hear the record correctly. In the case of the crystal skulls—made out of a material that is known to be able to store information and to be an electrical conduit—could it be that we have the record but we are still in search of the correct record-player?

For their book, Morton and Thomas interviewed several North, Central and South American Indians. Time and again, the authors were confronted with stories of how these crystal skulls are important.

They were told that the Maya had a total of 13 such skulls—13 being an important number for them and, interestingly, derived from the number of joints in the human body (ankles, knees, hips, wrists, elbows, shoulders, neck). We can only speculate on whether there were 13 primary temple complexes in the Mayan world, that each had a crystal skull, and that somehow these skulls formed a network. Either way, the Native Americans argue that these 13 skulls should be reunited, with 12 skulls in a circle and a 13th in the centre. Though this imagery has become very popular within the New Age community as a "Gathering of the Skulls", believed to signal a New Age of Enlightenment, it may be nothing more—or less—than the Native Americans remembering their common heritage and what the crystal skulls originally represented.

About the Author:

Philip Coppens is the editor-in-chief of the online newspaper *Conspiracy Times* (<http://www.conspiracy-times.com>). He has previously contributed 10 articles to NEXUS, the most recent being "The Truth and Lies of Wikiworld" (see 14/06). He is

the author of several books including *Land of the Gods: How a Scottish landscape was sanctified to become Arthur's "Camelot"*, reviewed in NEXUS 15/01. He was a speaker at the NEXUS Conference in Queensland, Australia, in October 2007. His website is <http://www.philipcoppens.com>, and he can be contacted by email at info@philipcoppens.com.

Editor's Note:

For more information, see "The Mystery of The Crystal Skull" by Richard Giles in NEXUS 2/22, 1994. Also see "The Crystal Skull's Messages for Mankind" in NEXUS 5/01, 1997-98. The new Indiana Jones film, *Indiana Jones and the Kingdom of the Crystal Skull*, is scheduled for release in late May 2008.

We are planning to include a presentation of the Mitchell-Hedges Crystal Skull at the NEXUS Conference on 4-6 October 2008 on the Sunshine Coast, Queensland, Australia. The Crystal Skull will also be on tour of the east coast of Australia during October and November.

For more on the Mitchell-Hedges Crystal Skull, see Philip Coppens's article in our next edition.