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NEXUS

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APRIL - MAY 1995

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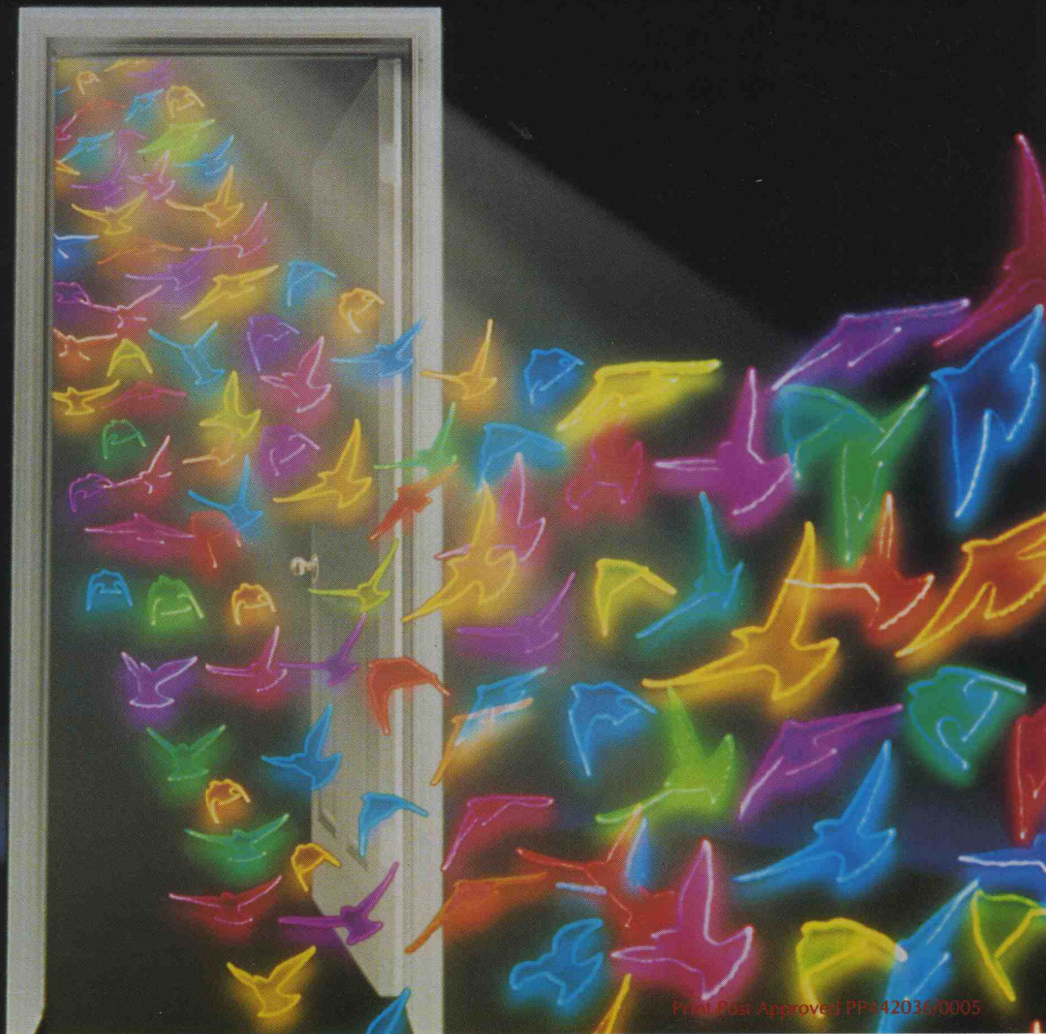
UnLeaded Petrol:
more harm than good!

**Earthquakes
& sun changes**

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an assassin**

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NEXUS

NEW TIMES MAGAZINE

Volume 2, Number 25 APRIL - MAY 1995

PO Box 30, Mapleton Qld 4560, Australia

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STATEMENT OF PURPOSE

Nexus recognises that humanity is undergoing a massive transformation. With this in mind, Nexus seeks to provide 'hard-to-get' information, so as to assist people through these changes.

Nexus is not linked to any religious, philosophical, or political ideology or organisation.

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Editorial

Hello, and welcome to our latest and greatest issue of NEXUS!

While all the articles in this issue are again excellent, I'd like to draw your attention to several in particular.

Firstly, we have an article by Stan Deyo which uncovers some spectacular links between earthquake cycles and sunspot cycles. Stan and I were able to access some US Government databases listing every earthquake and tremor going back hundreds of years. From this data, it was fairly easy to look for cycles of earthquake activity. Stan found that when the 11-year sunspot cycle peaks in intensity, the 11-year earthquake cycle is at its lowest. Right now, sunspot activity is at its lowest on the 11-year cycle, which means that earthquakes are just starting to peak this year. The earthquake cycles become even more clear when you extract data for individual 'hot zones' like California, or northern Washington state. In fact, according to the cyclical data as we go to press, northern Washington state in the USA can expect some significant earthquake activity around 26th March this year. I am sure this article will open up a whole new area of research into the links between our Earth and our Sun.

Next, I'd like to point you towards the Gulf War Syndrome article. It turns out that all those untested, experimental vaccines injected into US servicemen and women are killing them and their families. To this day, the US media have not told the US public of these experimental vaccines and drugs being given to their soldiers, despite reports at the time in Australian and European media.

The article on Microwave-Cooking should make microwave oven-users think twice about what they are doing to themselves. While I was amazed at the negative health effects from eating microwaved food, I was even more amazed at the cover-up of the research that proves this connection.

The article entitled, "Love—Coherent Energy in Reality", is a must-read. This is the first decent research I have seen that shows how our thoughts and feelings affect our physical reality and beyond. I encourage you to read it.

And what can I say about our article, "The Lies of Unleaded Petrol"? Virtually everything we have been told about it is wrong, distorted or exaggerated—at our expense. The bottom line: ULP is vastly more dangerous to our health and environment than leaded petrol, but vastly more profitable to the oil cartels.

In New Science News you will find a piece by Anthony Hansen of Brisbane, Australia, about his Tesla work. He may well be the most successful Tesla researcher since Tesla himself: his Tesla coil construction shoots out gigantic lightning bolts and puts out millions of volts! More on Anthony, next issue.

Finally, our eagerly awaited article on Spontaneous Human Combustion, by valued staff-member, Richard Giles. I have been fascinated with this phenomenon for a long time, and I am sure you, too, will be intrigued.

I have a favour to ask of my UK readers. I am currently negotiating with a large distributor to take on NEXUS in the UK. What I would like is for readers to ring their local W. H. Smith store and ask them if they stock or could stock NEXUS Magazine. That's all—just a phone call, thank you. This prompts the local W. H. Smith buyers to mention it to their wholesalers who will then ask for it from my distributors, S. M. Distribution in London.

Those readers wanting to know the outcome of our NEXUS Conference in Sydney in late March will have to wait for our June-July 1995 issue. At this time of writing, our Conference is yet to take place!

Happy Reading!

Duncan

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Letters to the Editor ...

Re: Carcinogens in Vaccines

Dear Duncan: Thanks for some very interesting stories on vaccination in recent issues. I have a simple question. Is it safe to inject formaldehyde or not?

Dr Viera Scheibner's seminar at Maroochydore, Qld, on the dangers and ineffectiveness of vaccination, enlightened me in many ways. Among other things, I learned that formaldehyde was an ingredient of the DPT vaccine. This I could not understand as I already knew that formaldehyde was a known carcinogen and used to embalm corpses.

I went home and read the *Australian Immunisation Procedures Handbook* and, sure enough, not one but two of the three parts of DPT contain formaldehyde!

So I rang the Poisons Information Centre to ask if formaldehyde was safe. Their response was: "There is no acceptable safe amount of formaldehyde if being injected into a living human body. It is a toxic substance and should be avoided at all costs."

I then queried Dr Sanders of the Commonwealth Health Department, Canberra, who told me quite the opposite. He said that the small amount in a vaccine is quite safe—after all it only comes from squashed-up ants(?)—and is passed by the liver very quickly. He said not to worry and that there was no problem with the amount used.

So I am left pondering who is correct: the Poisons Information Centre or the Commonwealth Health Department. And my question remains. Is there a safe level of such a toxic substance to be administered to my child?

Shane T., Mapleton, Qld, Australia.

Re: Prosperity vs Parasites

Dear Sir: Please send me information on how I may subscribe to your magazine NEXUS. I found out about your magazine in the book, *Suppressed Inventions*, edited by Jonathan Eisen.

I, among others, am becoming increasingly aware about the parasitical elites which have made our world an anti-civilisation—those who strive for power, money, and

to bolster bogus jobs and false egos. Soon, hopefully, before my kids get to school, the Prosperity Revolution will take hold and all parasites will be ostracised and laughed out of existence.

Yours sincerely,
Dale H., Maslin Beach, South Australia.

Re: Drug Evaluation Dangers

Dear Sir: I read with interest the article in your February-March '95 issue (page 20), "An Australian Raid Report", where Manning Pharmacy was fined for putting egg into creams and told that these were serious offences.

How many times do you read health hints about putting mud packs and all sorts of fruit juice combinations, etc., somewhere on your person for a healthy body? Perhaps these preparations are purely cosmetic and don't cure anything?

In *The Bulletin* (7/2/95, page 34), was an article, "Truth is Rarely Pure", on the drug Parlodel, sold in Australia to suppress breast milk production amongst other things. It has been banned in North America for this advertised use by the FDA as "their data showed there have been significant number of strokes, heart attacks, seizures and deaths among women taking Parlodel".

The Secretary of the Australian Drug Evaluation Committee, Beverley David, said, "...it will make a formal statement in two months". How many women will be dead or disabled in that time? Does Beverley David care?

For your information, Essiac Pty Ltd, who advertised in your February-March '95 issue (page 70) regarding Essiac, has been visited by the 'authorities' and legal action is pending.

Yours faithfully,
R.G., Crescent Head, NSW, Australia.

(Dear R.G.: Thanks for your letter. Readers may be interested to learn that the TGA has since banned the importation and sale of Essiac in Australia. Ed.)

Re: Prophecy Conspiracy?

Dear Editor: After reading "Prophecy Countdown 2000" in your latest magazine (vol.2#24—I

purchased the magazine in early Feb), I was alarmed to read the Dannion Brinkley's Visions prophecy on a nuclear disaster which would occur some time in 1995.

On 22nd February I watched a television news story (TEN Capital News) on a sunken Russian nuclear submarine leaking various nuclear substances in the North Atlantic near Norway. I re-examined the prophecy in NEXUS just to be sure of the details, and the event finally hit home that I had just seen a prophecy take effect. After ringing a close friend about the event, I tried to make some sense of this prophecy and asked myself this question: "Was this disaster known by NEXUS before the magazine was released from print?" This sub's leaking could have been progressing for months before the TV news story was shown, and the release of the magazine and the event were in close proximity to each other!

So, in essence, you could have been informed of this sub's leaking (I'm sure your magazine has a large number of contacts!), put it in your prophecy article with the agreement of Dannion Brinkley (if he even exists!—I have never heard or read anything about Dannion Brinkley), and then the mass media finally gets wind of the situation and puts it on television. Meanwhile, the readers of NEXUS end up thinking they have seen a prophetic event and end up becoming loyal buyers of your magazine with a non-objective mind. Please put my fears to rest that you could ever falsify the magazine articles (even though this theory sounds preposterous, NEXUS readers should consider all possibilities).

Also, on the night of 22nd February while listening to late news on my clock radio, I heard nothing of the submarine incident. Then on the next day, there was no report on the sub leaking crisis on either the local newspaper or TV news program. Could something as important as a nuclear sub leaking death be reported one day, and literally the next day become old news which is of no consequence? Perhaps the mass media is just waiting for something more significant to occur, or it has been told

by various security organisations to can the story to squash panic among civilians. Please clarify.

Hopefully, I will remain a loyal reader of NEXUS and will await your next mind-jolting issue.

Christopher B., Mawson, ACT, Australia.

(Dear Christopher: I hope you're kidding when you ask if I colluded with Dannion Brinkley for a scoop story. For the record, Dannion Brinkley is real; his book and tapes are widely available in the USA and have been for years! Ed.)

Re: Nuclear Waste Vision

Dear Duncan: Dannion Brinkley's prophecies of the destruction of Chernobyl and the nuclear contamination of the oceans (NEXUS vol.2#24), is referred to in *Revelations* 8:10-11: "The third angel blew his trumpet, and a great star fell from heaven, blazing like a torch, and it fell on a third of the rivers and on the fountains of water. The name of the star is Wormwood. A third of the waters became wormwood, and many men died of the water, because it was made bitter."

Two weeks before the Chernobyl incident, Halley's comet made its second appearance this century. Thus it could be said that Chernobyl, which means "wormwood" in Russian, came on the tail of the comet. To the prophet, these two events were fused into one.

Sadly, as I write this letter, I see the second part of Dannion Brinkley's vision of a nuclear accident near Norway coming true. In February 1995, plutonium began leaking into the sea from a sunken Russian submarine.

I believe that there is only one way that nuclear waste can be destroyed, and that is through the commercial use of Brown's Gas for incineration. If an environmental religion is to be our salvation, as Dannion Brinkley also foresaw, then Brown's Gas must be part of that vision.

And might not the prophet have foreseen this new movement in *Revelations* 9:4: "...they were told not to harm the grass of the earth or any green growth or any tree..."

Lee M., Padstow, NSW, Australia.

... more Letters to the Editor

NB: Please keep letters to approx 100-150 words in length. Ed.

Re: Human Rights Wronged

Dear Duncan: A recent issue of *Chemistry & Industry* [2 Jan '95] has an article about the violation of the human rights of engineers, health professionals and scientists, compiled by the American Association for the Advancement of Science (AAAS). By far the worst offender is Syria, with 241 cases; Libya, long the 'whipping boy' in the Western media, is second with 73; China, now being groomed as the latest horror to confront us, is third with 39 cases.

A look at the list of 33 countries shows that only three (Bosnia, Israel and Russia, each with one reported violation) are 'white', while the others are 'non-white'. This alone is enough to raise suspicion about the objectivity of the survey, as is the fact that not a single country in Australasia, North America or Western Europe is listed.

In the latest NEXUS (vol.2#24), there is an article on the 'terror tactics' used against those whom the American Medical Association see as a threat to its monopoly. There have been, in recent years, numerous accounts of alternative health practitioners and non-mainstream researchers in America being harassed, jailed and driven out of business. If these are not violations of human rights, then the concept has no real meaning.

I can only guess that the AAAS is on a witch-hunt, portraying poor, 'non-white' countries as the evil oppressors of science in the hope that vicious acts committed at home are ignored. The mainstream media are content to go along with this, as using PR hand-outs is easier than digging up the facts; so congratulations to NEXUS and the others trying to bring some accountability into the world.

Don E., West End, Queensland, Australia.

Re: Vaccination Myths Exposed

Dear Mr Roads: Having recently 'discovered' your magazine, we want to say thanks to you and your staff. Your efforts are appreciated.

It was through our interest in such matters (covered by NEXUS) that we came to realise most of the

truth behind the vaccination myth (and lots of other info, too!).

Our son Nicholas was beginning to develop 'stronger' reactions after each successive Triple Antigen (DPT) injection. Through NEXUS we obtained the vaccination and medical-related books, *Confessions of a Medical Heretic* (Robert S. Mendelsohn, M.D.), *Vaccines: Are They Really Safe & Effective?* (Neil Z. Miller), and *Vaccination: The Hidden Facts* (Ian Sinclair).

After reviewing these and other related literature, we now know to what extent the medical profession has deteriorated. For the love of money, the truth was hidden.

Nicholas will no longer be vaccinated. He appears well still.

South Australia's *Sunday Mail* recently printed an article (copy enclosed) concerning genetically manipulating vaccines into beer. Reading this article, we were prompted into penning a reply (also enclosed). You are welcome to use it, if required/desired. The *Sunday Mail* printed our letter (yep, enclosed) though rather heavily edited. Hopefully other parents will research the reality of vaccination.

The Science War rages on. Best wishes to you all.

Robert & Tanja R., Athelstone, South Australia.

Re: Parasite Pleomorphism

Sir: I have been following the research of Hulda Regehr Clark, with reference to her discovery of the fact that the common parasite, *Fasciolopsis buskii*, normally resident in the gut, can mutate through five stages of pleomorphism to become a trigger factor in the development of neoplastic disease.

I went into detail in my paper, titled "Uninvited Guests and the Cult of the Microbe", on the pathogen called *Helicobacter pylori*, normally also resident in the gut, but now advanced to a more complex form which has allowed it to migrate to the duodenum where it has now been shown by researchers at Royal Perth Hospital to be the PRIME cause of ulceration in the duodenum.

Robin Warren, histopathologist from the above-named hospital, became aware in 1979 that an association existed between spiral

bacteria in gastric mucosa and chronic gastritis which, if left untreated, leads on to ulceration.

As I stated in my paper, *H.p.* has been 'overlooked' for great lengths of time by histopathologists, written off as contaminants or artifacts.

Eventually, after many years, a treatment for stomach ulceration was developed, without recourse to surgery, which has since proved to be 95% successful.

My point is that any virus, at the lowest end of the pleomorphic scale, can evolve right up to any other form of microbe, including protozoa, and Clark's parasite links with *H.p.* may well be a profitable hypothesis. Both have 'swimming' hairs, both have the acid protective enzymes necessary to prevent stomach acid destruction.

I don't wish to make any comments on Clark's hypothesis: enough time has not elapsed to draw significant conclusions. However, I must say that I sincerely hope that Clark has gone down the scientific prescribed research road of animal studies, double blinds, etc., as her 'opponents' will undoubtedly take her to task!

Dr John West, Bundaberg, Qld, Australia.

(Dear John: Thanks for your letter. One comment, though: I am surprised that a well-informed person such as yourself is still suggesting animal studies as a valid test for human comparisons. Ed.)

Re: Edgar Cayce's Sphinx Predictions

Dear Editor: It was with excitement that I discovered your magazine. It covers much of the material which I have been studying over many years, and it would appear that the people who write for your magazine have also been searching for similar answers.

Perhaps you may find some of this information interesting. In the first issue of NEXUS that I read was an article on Edgar Cayce and the Dead Sea Scrolls. I have read many books written by Edgar Cayce, and belonged to a group which studied Edgar Cayce's writings.

The A.R.E. in Virginia Beach [USA] have released two books based on Edgar Cayce's readings, called *The Remnant* and *Sons of*

Light, Sons of Darkness, by Mary La Crox. There are several other books based on Edgar Cayce readings which put together a picture of Jesus Christ and His Church, the Essenes.

Also amongst his writing is a prediction that an entrance would be found and a passageway which would lead to a library beneath the Sphinx in front of the Pyramid of Cheops. The information in this library would correct many of the errors man has made regarding religion.

So it is with great expectation that I have been waiting for this to happen, and hope that the opening of the Sphinx will prove the psychic abilities of Edgar Cayce and all he has said about the Essenes and, in particular, the implications that Reincarnation is a fact will bring to the way people treat each other.

P.A.R., Caboolture, Queensland, Australia.

Re: Orgone Energy Alert

Dear Mr Roads: I must give you a warning concerning building the box that was mentioned in NEXUS vol.2#23 in your New Science News column ["Energy from the Aether?"].

It is in reality an Orgone Energy Accumulator that was invented by Wilhelm Reich. He built large boxes into which people could be placed. If it was used in a pristine environment it would improve a person's health. If it was used in a contaminated environment, DOR (Deadly Orgone Energy) would cause one's health to deteriorate. The biggest danger was if a radioactive material was placed in the box: a large area surrounding the box would become very injurious to one's health. And it's not likely that there's a doctor alive who could diagnose what's causing your health to deteriorate following exposure to that energy.

See *Orgone Energy—The Answer to Atomic Suicide*, by Jerome Eden.

Sincerely yours,
William B., Munster, IN, USA.

(Dear William: Thanks for your comments. Interested readers should be able to obtain Jerome Eden's books from Eden Press, Box 399, Careywood, ID 83809, USA. Ed.)

REMOTE SHUT-DOWN OF ROAD VEHICLES

The reports of those mysterious black helicopters hovering over America just keep on coming. In fact, a book has just been published on the subject (see Reviews this issue).

We recently received a report concerning a man who, on Monday 18 July 1994, was driving his late-model automobile down Interstate 15 near Farmington, Salt Lake City, Utah, USA. As he drove southbound, in the distance he noticed four black helicopters hovering above the freeway in a rectangular pattern.

As he approached the vicinity where they hovered, the engine of his car abruptly ceased running with no warning. No splutter or hesitation, it just simply cut out. As he coasted to a stop, he attempted to pull off the highway. He then attempted to restart the vehicle, but without success. The starter motor would turn over, but the engine simply refused to start.

When he looked around he noticed that most of the other cars in the area had also stopped. Their drivers, too, were all trying to restart their own car engines.

He noted that the only cars and trucks with their engines still running were of a 1983 vintage or older.

Most traffic was at a standstill for almost an hour; then, as if by magic, all the engines in the stalled vehicles were able to



be started again. The man noticed that the four black helicopters were flying away in formation.

Two other eyewitnesses came forward to verify the story, and another two similar incidents have been reported in Utah.

(Source: *Contact Newspaper*, 2 August 1994)

ESSIAC BANNED IN AUSTRALIA

In December 1992, NEXUS published an article (vol.2#11) on a remarkably successful treatment for cancer known as Essiac.

Essiac is a patented herbal mixture, consisting primarily of burdock root, sheep sorrel, Turkish rhubarb root and slippery elm bark. (A copy of the formula, as described by author Dr Gary Glum, was

published in NEXUS, vol.2#12.)

Literally thousands of people across the world have credited Essiac as being responsible for their recovery from cancer, and we at NEXUS are aware of several Australian success stories reported back to us.

Unfortunately, the Therapeutic Goods Administration (TGA) has decided, in its wisdom, to ban the advertising, importing and supplying of Essiac on the grounds that it is classified as a Therapeutic Good; but it is not registered on the Australian Register of Therapeutic Goods. It is even an offence under the act to manufacture the goods for human consumption.

It is a crazy day when one can freely go and buy a packet of cigarettes—which thousands say cause cancer—but one is not able to go and buy a harmless herbal mixture which thousands of people say has cured them of cancer.

(Source: *Copy of letter from Val Johanson, Head of Surveillance, TGA, Canberra, to Natural Therapy Products, Turrumurra, NSW, Australia, dated 16 February 1995*)

TECHNOLOGY TAKES THE DEATH OUT OF WAR

Battlefield weapons which disable but do not kill will be a reality within twelve months, according to a report published in *The Weekly Telegraph* in January this year.

The British military is currently investigating the deployment and use of secret non-lethal weapons that include:

- **Laser Rifle:** About 1,000 are believed to have been tested in America, prompting the Red Cross and the Swedish Government to campaign against it because it can blind people. Powered from a backpack, the rifle is effective over a mile or so. It is silent, almost invisible and disables anyone whose eyes are struck by it.

- **Acoustic Bomb:** Produces very low frequency sound waves, similar to those during an earthquake. It causes extreme nausea and sudden relaxation of the bowels, upsets balance and affects buildings.

- **Light Bomb:** Can be delivered by aircraft, conventional artillery or mortars. The bright flash, across the light spectrum from ultraviolet to infrared, can blind people for up to an hour.

- **Electromagnetic Weapon:** Also known as High Power Microwave weapon. Designed to operate over 60 miles, it puts



out a massive electronic pulse, enters structures through a slight crack or seam and overloads a single critical element, making electronic systems useless. (It has been heavily studied by Australians.)

- **Anti-Mobility Weapons:** Super compounds dropped to melt rubber tyres, or gases that can stop vehicle engines or turn fuel into a useless gel.

- **Mind-Control Weapons:** Discovered in Moscow in 1991 and believed to have been used by the Soviets in Afghanistan. Computer equipment produces lights and a succession of words to send subliminal messages and influence individuals and groups.

(Source: *The Weekly Telegraph* #184, 25-31 January 1995)

MORE FDA RAIDS

FDA agents raided a Grand Island, Nebraska, analytical laboratory, Independent Testing Labs, Inc., seizing USD\$55,000 in vitamins. The search warrant obtained by the FDA gave permission to seize all records and equipment of the company. The owner of the lab told Citizens for Health, "they cleaned me out; they even took my wife's medication for her heart and our personal vitamins".

In another raid, this time backed up by the FBI, the FDA raided the Bio-Mechanics Clinic & Health Store in Aberdeen, Idaho. As with the case in Nebraska, "they pretty much wiped out our clinic", according to one employee. Included in the seizure were all herbal formulations.

(Source: *Townsend Letter for Doctors*, April 1995)

SUBLIMINAL SMELLS ADVERTISING

For several months, the oil company Total has been selling four-star petrol that smells not of petrol but of vanilla, and diesel with a "fruity fragrance". Esso has opted for strawberry.

But that's not all: some financial establishments are trying to reproduce a classy club atmosphere by filling their premises with an artificial smell of leather. Now that certain banks have taken to making their customers' cheque-books smell sweet, it can no longer be said that money has no smell.

Nowadays, everything has to smell pleasant—not just toilet-descaling agents, paint and paper handkerchiefs, but even products that do not normally smell of anything at all, such as toys, vacuum cleaner

bags, carpets, synthetic textiles and, soon, car interiors. This is because smells sell.

Isabelle Gourdon, a perfume buyer with Unilever, says: "Perfumes have become an essential tool in persuading people to buy. A washing powder is a washing powder. If you buy Skip rather than Ariel, it is often solely because of its fragrance."

Manufacturers develop an "olfactory logo" that identifies each product. "Now that marketing departments have exploited every audiovisual angle, they are looking into the potential of smells," says Jacques-Marie Decazes, director of applied research with the perfume company Givaudan-Roure.

Marc Pougalan, marketing director of the Swiss perfume company Firmenich, fears that things may get out of hand. "There's no reason why we should systematically odourise places that don't smell particularly nasty. It may put people off."

(Source: *The Guardian Weekly*, w/e 26 February 1995)

ELECTRONIC FINGERPRINTING FOR US DRIVER'S LICENCES?

A recent issue of *The Olympian* detailed testimony being taken by the Senate Law and Justice Committee in Washington State, on a bill that would require drivers to be electronically fingerprinted before they can get a driver's licence. Under the proposal, magnetic strips with an electronic fingerprint scan would be placed on all licences and identification cards.

Under the proposal, welfare recipients and those confined to state nursing homes are all required to be fingerprinted and issued with licences.

(Source: *The Olympian*, 18 January 1995)

HIGH-TECH GUNS AND DRUGS DETECTION

Sometime in 1995, a handful of police officers will take a three-pound device that looks something like a video camera, point it at a suspect 50 feet away, and see whether his or her pockets hold a gun, a knife or car keys.

The most promising of this new range of devices is the electromagnetic wave imager. This device relies on natural electromagnetic radiation given off by virtually all objects. The human body is a good emitter of radiation, most of which falls between microwaves and infrared on the spectrum.

The Contraband Detection System (CDS), as it is called by Massachusetts-based Millitech, can show the radiation images on a small video display terminal and will cost around USD\$10,000 per unit.

(Source: *Leading Edge* #79, February 1995)

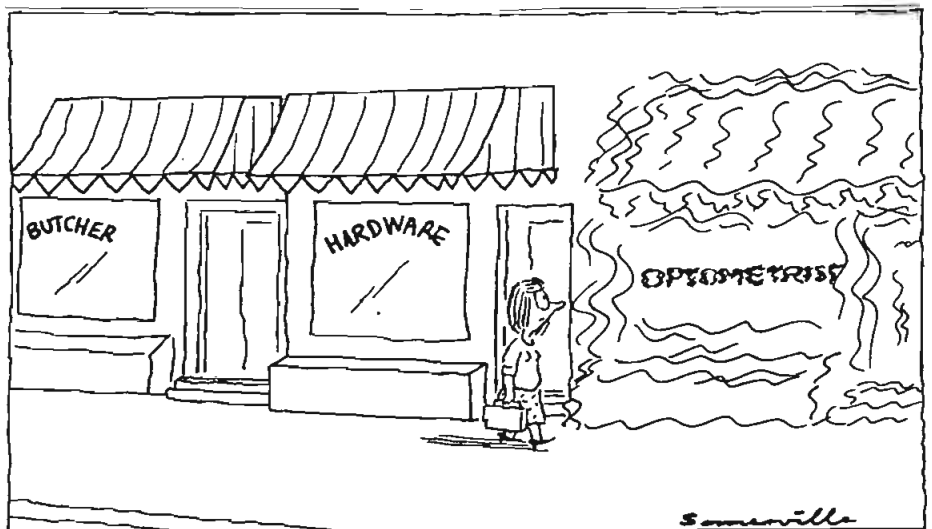
UN TAKES CONTROL OF SEED BANKS

Readers may recall a NEXUS Global News item in vol.2#22 (Oct-Nov '94) about the battle to stop the World Bank taking control of the world's genetic seed research centres.

This move, which would have effectively put control of the global food supply directly into the hands of bankers, was causing great concern among the international community.

In November 1994, however, the UN Food and Agriculture Organisation took charge of twelve international seed banks in a move intended to ensure that the collection remains open to all researchers.

(Source: *New Scientist*, 5 November 1994)



TOBACCO DEFENCE GOES UP IN SMOKE

In a landmark decision, a judge in Mississippi rejected the traditional "free will" defence of tobacco companies, potentially opening the floodgates to billions of dollars in damages for the costs of dealing with smoking-related illnesses in cases mounted by four US states.

The decision gives the go-ahead to a lawsuit, mounted by the State of Mississippi, claiming compensation for taxpayers' money spent on the health care costs of smokers too poor to carry their own medical insurance.

Lawyers for the tobacco industry had sought to dismiss the case on the grounds that smokers knew the risks and chose to smoke. That defence has won numerous individual cases brought by smokers or their relatives.

But the judge ruled that since the state case—a "class action"—was being brought on behalf of taxpayers who footed the medical bills, the defence of smokers' free will was irrelevant.

The ruling came on the same day Florida filed a AUD\$1.8 billion suit against R. J. Reynolds and Philip Morris, in a replica of the Mississippi case. Florida passed a law last year to prepare the ground for just such an action.

This law removes the "blame the smoker" defence, allows the use of statistical evidence linking smoking to health problems, and allows courts to impose judgments against the tobacco companies based on market share rather than percentage of fault. The two companies named have filed a case in the State Supreme Court seeking to have the new law declared unconstitutional.

West Virginia and Minnesota have also filed class-action suits against the tobacco companies for the cost of welfare health care. If all are successful, the companies would be facing damages of at least AUD\$5 billion from just those four states.

(Source: *The Weekly Telegraph* #189, 1995)

LOCKERBIE — CRACKS IN THE COVER-UP

An increasing number of news reports are emerging through UK and European papers alleging that Iran—not Libya—is to blame for the Lockerbie bombing.

1) In January, a declassified report by the National Security Agency (NSA) refers to Ayatollah Ali Akbar Mohtashemi (a former Iranian interior minister, and founder of the Islamic Hizbollah militia in Lebanon in the 1980s), paying \$10 million "to bomb Pan Am flight 103".

The report, released in America under the Freedom of Information Act, was compiled by a US Air Force signals intelligence unit during the Gulf War and states that Mohtashemi paid the money "in retaliation for the US shoot-down of the Iranian Airbus" over the Persian Gulf in July 1988.

Other observers suspected that Mohtashemi paid for the bombing as part of an underground drug war with the CIA.

2) The drugs link with Lockerbie was also given considerable airing in *Time* Magazine (19 April 1992), when it released information alleging that Lockerbie was an American 'drug sting' operation gone wrong.

Still on the subject of drugs, shortly after the Lockerbie explosion, one local farmer found in his field a suitcase full of drugs. Although he handed it in to police, he was amazed that he was never called upon to

give evidence at the inquest, despite telling every official he could find.

3) A secret FBI document leaked to *The Independent* newspaper (UK), reveals that vital prosecution evidence—that the airline bomb began its fatal journey in Malta—is flawed. It says there is absolutely no documentary evidence that the suitcase containing the bomb was on Flight KM180 from Malta to Frankfurt. This confirms an official Maltese Government investigation which concluded that no such suitcase was placed on the flight.

4) Finally, to cap off this item, we have the case of the missing body. The police surgeon who issued death certificates for 59 victims of the Lockerbie bombing has vowed to continue his fight to solve the mystery of why Scottish police claim they have details on only 58 bodies.

He believes that a body may have been removed from the site of the crash, adding to claims that a team of American agents came to Lockerbie and tampered with the evidence in an attempt to cover up the cause of the disaster.

Despite this growing evidence, Libya continues to be punished by the United Nations embargo—an embargo which was renewed only recently.

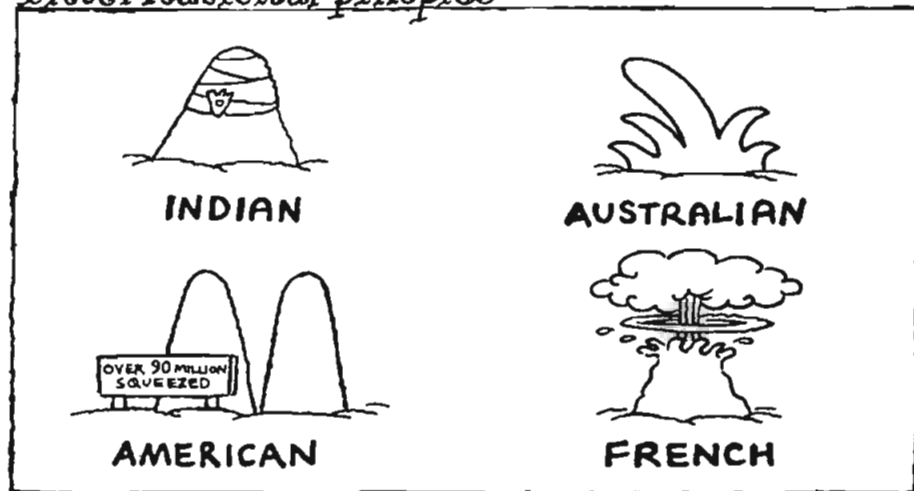
(Sources: *The Guardian Weekly*, w/e 29 January 1995; *The Weekly Telegraph*, 1-7 & 8-14 February 1995; *The Sunday Telegraph*, 5 February 1995; *New Dawn* #29, Jan/Feb/Mar 1995; *NEXUS*, vol.2#8, June-July 1992)

"DREAMLAND"/AREA 51 SUED OVER VIOLATION OF ENVIRONMENTAL LAWS

Jonathan Turley is a young Washington, D.C. lawyer with impossibly high expectations. He is intent upon suing the US Federal Government over what is known as "Dreamland", or "Area 51"—a facility the government says does not exist. For almost five decades, Area 51 near Groom Lake in Nevada has been the keeper of the darkest black of America's military secrets. The SR-71 Blackbird was designed and a prototype built there. Some will swear that UFOs are also built there.

Lawyer Turley has taken on a very prickly issue. He is suing Defense Department Secretary William Perry, National Security Advisor Anthony Lake, and Air Force Secretary Sheila Widnall. The basis of Turley's suit is that Area 51—which does not appear even on detailed maps—is set up to operate outside of the laws of the United States; and that it is in violation of

International pimples



environmental laws which caused the death of at least one man, and the serious illness of five others from toxic fumes generated by burning leftovers of top-secret aircraft paint.

Helen Frost, the litigant whose case has been taken up by Turley, alleges that her husband, who worked at the facility for ten years, came home one day, complaining: "My eyes are on fire, my face is on fire." Frost lost weight, developed rashes and weeping sores, and he finally died almost blind. Tissues from his body were analysed by Agent Orange specialist, Dr Peter Kahn. The results showed the presence of highly toxic chemicals.

Turley's suit alleges that all paint residues and leftovers not used were ordered burned. The resulting toxic fumes, he says, enveloped Robert Frost, resulting in his illness and death. Five other litigants have joined Helen Frost's suit, but have not been named for fear of reprisals.

The complaint was heard in US District Court in Las Vegas, and a trial date is believed set for some time in May. Turley found himself opposed by a team of ten federal government lawyers who tried to have the complaint thrown out on the grounds of national security privilege. However, the judge said national security could not be used as blanket-coverage.

Turley then asked a single question: "What is the name of the facility?" As yet, the government hasn't answered. If the Defense Department admits that there is such a place as Area 51 or Dreamland, it will bring the facility under the jurisdiction of the court. Turley says he will subpoena Perry, Lake and Widnall as witnesses. In the case of Perry and Widnall, Turley says that both formerly headed companies with financial ties to Area 51.

Turley further stated in court papers that, "if a corporation had committed these violations at a secret conclave in which domestic laws were applicable, someone would be heading for jail right now."

Soon after the case was brought to US District Court in Las Vegas, the Air Force suddenly claimed 4,500 square miles of land—including all high ground overlooking Area 51—to head off what may be a rush of hardy souls anxious to get a view of Dreamland. If the claim is granted, public access will disappear altogether, and Dreamland will remain Dreamland.

(Source: *World In Review*, vol. 4, no. 2, February 1995)

Huge Drug Exposé Misses *The Post*

It might almost be called *The Greatest Story Never Told*. The article was typeset and scheduled to run in today's edition of *The Washington Post* (29 January 1995).

It had the enthusiastic backing of the editors and staff of the 'Sunday Outlook' section, where it was to appear after eleven weeks of soul-searching and debate.

Lawyers had gone through the text line by line. Supporting documents had been examined with meticulous care. The artwork and illustrations had been completed. The contract with the authors had been signed. Leonard Downie, the executive editor of the newspaper, had given his final assent.

But on Thursday morning, the piece was cancelled. It had been delayed before—so often, in fact, that its non-appearance was becoming the talk of Washington—but this time the authors were convinced that the story was doomed and would never make it into the pages of what is arguably the world's most powerful political newspaper. They withdrew it in disgust, accusing *The Post* of a cover-up of the biggest scandal in American history.

In stark contrast, the managing editor, Robert Kaiser, left a message on my answering machine saying that there was really nothing to "this non-existent story". In a subsequent conversation, he dismissed the article as a reprise of rumours and allegations. "I am confident that it doesn't have any great new revelations," he said.

Others are less confident. A copy of the article passed to *The Sunday Telegraph*—not, it should be stressed, by its authors—appears to be absolutely explosive.

Based on an archive of more than 2,000 documents, it says that western Arkansas was a centre of international drug-smuggling in the early 1980s, perhaps even the headquarters of the biggest drug-trafficking operation in history. It asks whether hundreds of millions of dollars in profits made their way "into criminal laundering in Arkansas' notoriously freewheeling financial institutions and bond houses".

The activities were mixed up with a US intelligence operation at the Mena airport in Arkansas that was smuggling weapons to the Nicaraguan Contras.

Bill Clinton is not specifically accused of involvement, but he was Governor of Arkansas at the time. The piece also notes that some of his prominent backers had been the subject of extensive investigation by the Drug Enforcement Administration and the FBI, and had been assigned files in NADDIS—the Narcotics and Dangerous Drugs Intelligence System.

The article makes clear that the alleged scandal is not confined to the activities of the Arkansas political machine and Mr Clinton. It embraces the highest levels of the federal government over several years...

It is clear that *The Washington Post* took the article extremely seriously. It was to be run at full length—roughly 4,000 words—taking up several pages in an almost unprecedented spread across the 'Sunday Outlook' section.

The authors, Dr Roger Morris and Sally Denton, were told that they were being offered the highest fee ever paid for a contribution to 'Outlook'. They are veteran investigators with established reputations. Morris worked for the National Security Council staff at the White House during the Johnson and Nixon Administrations. He has taught at Harvard and has written a series of acclaimed books on foreign policy.

Denton is the former head of news agency UPI's special investigative unit, and is the author of *The Bluegrass Conspiracy* which exposed the involvement of Kentucky political and law enforcement figures in an international arms and drug-smuggling ring...

The broad picture is not new to readers of *The Sunday Telegraph*, which published a story making some of the same points on 9th October last year. *The Wall Street Journal* has also done original reporting on the subject.

Morris and Denton have added fresh evidence, but the real political importance of the piece is the fact that it was going to run in *The Washington Post*. *The Post* still sets the agenda in Washington and guides many US press and TV reporters on what they are supposed to think.

Up to now, *The Post* has conducted no more than a desultory investigation of the Mena affair, and its reporters have persistently treated it as a ludicrous conspiracy theory.

(Source: Abridged from an article by Ambrose Pritchard-Evans, published in *The Sunday Telegraph*, 29 January 1995; reprinted in *New Dawn* #29, 1995)

The Link between Earthquakes and Solar Changes

New evidence suggests Earth is entering a period of maximum earthquake activity triggered by the combined effect of peak solar winds and minimum sunspots.

As the prophecies have also warned, we can expect major catastrophes to affect our planet.

by Stan Deyo

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Australia

"And I beheld when he had opened the sixth seal, and, lo, there was a great earthquake; and the Sun became black as sackcloth of hair, and the moon became as blood..."

— Rev. 6:12 (Judgements from the sixth seal to be opened by The Lion of Judah...)

Not far from our home there is a quiet little place where I can gaze down over the coastal sand dunes of Perth. It is here, on top of the escarpment some 300 metres above sea level, that I am now sitting. I can see the small groups of buildings and criss-crosses of roadways that define the city and its immediate suburban sprawl. At a glance, it all looks calm and somewhat picturesque.

Off in the distance, some forty kilometres away, I can see the thin blue line of the Indian Ocean as it waits patiently offshore. On the horizon, delicately balanced on four fragile footings atop "broadcast hill", is a large water tower over near the three network studios. Overhead, faint wisps of white clouds sprinkle the blue sky, reminding me of the days when we used to have enough rain to fill our dams and to water our crops.

It's odd: as I sit here I am reminded of the fictional story of Superman's father, Jor-el, who tried to warn his fellow citizens of the impending nova of their star. Try as he might to tell the people of his conclusions, Jor-el was muzzled to the end by the powers that ran the planet, because his warnings were thought likely to disturb the populace of the planet who preferred to believe the official scientists' opinion on the issue. Officially there was no danger of a nova, yet Jor-el was so sure that he sent his only son off to safety in a spacecraft just before their star exploded, destroying all life on his planet.

At the risk of sounding even more melodramatic, I must say that up until the second week of February this year, I did seriously consider holding back certain conclusions made from the new geophysical data I've accumulated, for fear of starting a general panic. However, when I put things into a proper perspective, I realised no one would take me seriously anyway because I'm not an accredited source of information in the key fields of seismology, solar phenomena, climatology and biblical prophecy—all of which encompass what I will say to you today. I am just an interested party.

Therefore, I can safely say that what I am about to tell you is only my correlation of what I 'believe' to be valid data with what I 'believe' to be the inviolate prophetic writings contained in the Bible.

During the next ten years, the people of Earth will be at great risk of becoming extinct like the dinosaurs. We are at threat from new spectral emission levels in the Sun which may signal a major phase-change in its energy output; we are at threat from earthquakes whose triggering is related to the fluctuations of the Sun and of the Earth's orbit; we are at threat from changing climates which are killing off our traditional 'bread basket' cropping regions; we are at threat from volcanic eruptions which spew gas, lava and debris into the atmosphere, causing erratic climate and catastrophic weather like a 'nuclear winter'; we are at threat from the increased likelihood of severe meteor impacts on the Earth; and we are at threat from the loss of sufficient potable water to supply even the most basic of biological necessities. We are at a situation of "Imminent Threat" (IT).

CONSIDER THE SUN

I wrote an article for the Dec'92-Jan'93 issue of NEXUS Magazine (vol.2#11) which dealt with recent findings concerning the Sun's apparently unusual behaviour over the last 400 years. It was entitled, "It's All Happening Now!" I draw your attention to a few key paragraphs from that article to lay the groundwork for the rest of my argument:

"...there is a growing debate in various scientific circles as to whether or not the Sun is actually shrinking at the moment. One of the main proponents of such a theory is astronomer John Eddy of the Center for Astrophysics at the High Altitude Observatory at Boulder, Colorado in the USA. Although John has made one rather controversial statement regarding the young Earth concept! [Eddy's statement is that Earth is less than 10,000 years old—Ed.], he has certainly attracted a lot of peer support for the work he and his co-worker, Aram Boornazian, have done on the shrinking solar diameter theory.

"Eddy and Boornazian² researched astronomical data from as far back as 1567AD to find that there was no doubt that the diameter of the Sun is smaller now than it was then. To their surprise, they found that the US Naval Observatory in Washington had been keeping records which agreed with their data from at least 1840AD forward³ (see Chart No. 1: Solar Diameter Changes, 1840-1950). Their data showed the Sun has truly been shrinking at the rate of 16 kilometres per year. Were that shrinkage to continue at the same linear rate for another 96,000 years, the Sun would no longer exist.

"On 31st July this year [1992], Dr Robert Jastrow, who formerly headed the prestigious Goddard Institute of Space Studies for 20 years and who now directs the George C. Marshall Institute which specialises in defence and environmental issues, stated that global warming may be due to changes in the Sun rather than to the so-called, 'Greenhouse Effect'.

"If the Sun is shrinking, it may reach a point where it will collapse into a smaller star complete with a different spectral emission signature. In the process, it may produce violent magnetic field changes, massive shifts in the solar wind density, changes in the orbit of the planets and may even cause the ejection of its current surface layer as a 'cooler' fragmented shell of matter into the orbits of the inner planets. This could cause changes in the light levels from the Sun as well as changes in the visible solar spectrum, which might even cause the colour of the Moon to change for a short time. Debris may actually hit the Earth should the outer solar shell blow off; and the Earth may be moved to sway on its own axis due to solar gravitational changes."

The Sun has been shrinking, and for some undisclosed reason the ozone layer is now weakening to the point that UV penetration is a serious health hazard to all who dwell on the Earth's surface. Are the two phenomena linked? I must also point out that even though the diameter of the Sun has been decreasing on Chart No. 1, I have just received an as yet unconfirmed report that the solar diameter has increased by over one hundred kilometres in the last two years. If indeed this proves correct, then something extraordinary may be on the way.

Recently I was talking on the phone with an old friend of mine who once worked for US Army Intelligence (CID). With him was another friend of his (we shall just call him "Frank") who had asked to speak with me.

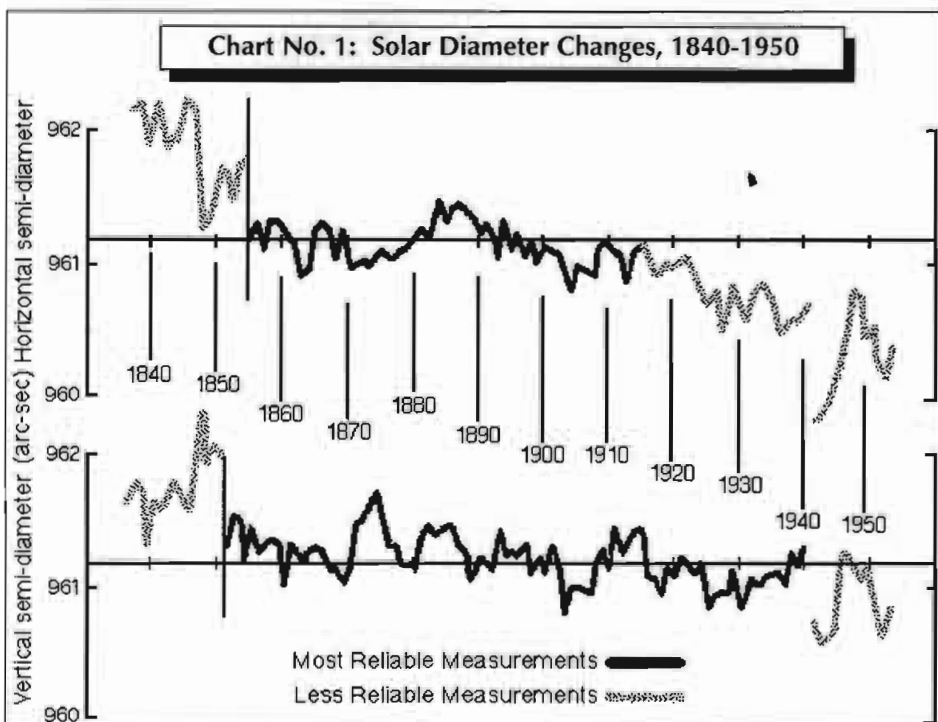
"Frank" told me that he had read my book (*The Cosmic Conspiracy*) which he had borrowed from my 'CID' mate. "Frank" went on to say that he had made the acquaintance of a Colonel Charles Beckwith who established the well-known security and anti-terrorist strike unit called "Delta Force".

According to Frank, while he was in a room with Colonel Beckwith at his home one day, "Frank" presented the Colonel with a copy of my book, *The Cosmic Conspiracy*. The Colonel was in the middle of receiving a fax and was not paying much attention to "Frank"'s prater about the wonders of my book, so "Frank" picked a page at random and began to read from the book. The page held discussions about Pine Gap and *Project Noah's Ark*—both of which relate to underground cities which have been built to shield key personnel from climatic catastrophe and/or nuclear attack.

According to "Frank", when the Colonel heard the names "Pine Gap" and "Noah's Ark" he whirled around from the fax machine and exclaimed, "Whoever that guy is, he's a traitor to the USA! Those bases and the weather problems carry an extremely high security classification!" The conversation ended and Colonel Beckwith died of a heart attack a few weeks later at home in bed. However, his words live on through "Frank", and I thought it necessary to share them with you on this occasion.

"Frank" then told me that another "friend" of his (highly placed in the FBI) had told him that in 1991 an entire outer layer (presumably, the corona) of the Sun had virtually disappeared, and that this was of grave concern to both the scientific community and the government. This has happened before during 1650AD to 1690AD (a period astronomers call the "Maunder Minimum") when there was an extreme shortage of sunspot activity.⁴ This begs the questions: Is something really wrong with our Sun? Why would someone make up such a hard-to-believe story?

I discovered by accident from a US Air Force officer at a solar observation station that the Sun has been emitting a new band of spectral emissions since about 1991 and that there has been a shortage of neutrinos from the solar emissions. Apparently these two phenomena have caused many leading astrophysicists to look for a new set of thermodynamic equations to describe how a star really works. At first, the officer did not seem overly concerned about these two items, yet when I questioned him for more detail, he abruptly terminated the discussion.



SOLAR EARTHQUAKE TRIGGERS

There have been some professional references in recent years to the possibility that the solar wind⁵, through its coupling to the Earth's magnetic field, may trigger movements in the core plasma of the planet and, hence, may trigger volcanic eruptions and/or earthquakes as well.

Furthermore, the production of sunspots has been proven to be inertially linked to the "rate of change of the angular momentum of the Sun about the centre of mass of the Sun and the five outer planets."⁶ This link is at better than 92 per cent correlation, and provides a definite link to changes in our climate through solar energy patterns caused by planetary movements.

I have been able to get a fairly high correlation between sunspot activity and planetary orbital motions ("planetary alignments"). You will see this data in the charts I included in *The Cosmic Conspiracy* book. High degrees of heliocentric planetary alignments produce more sunspots, which means that lower degrees of alignment produce fewer sunspots.

When the planetary alignment is fairly high, and then suddenly drops way out of alignment and stays that way for a month or so, solar wind production is high, as is the number of earthquakes. These point to changes in the angular momentum of the Sun. The recent Kobe earthquake in Japan occurred right in the very week that the historic sunspot data said was the likely trigger "window".

Another recent paper has suggested that the change in atmospheric density due to heating from the solar wind may significantly alter the weight of atmospheric gases over diverse regions of the planet, thus causing a triggering effect on fault-lines which are ready to release pent-up pressures from other causes.

I reached out on the InterNet with my computer to places like the Goddard Space Center and the prestigious US Geological Survey (USGS) to acquire data on solar wind velocities and sunspot activities, as both are interrelated.

I was able to get back enough data to run some comparisons of the change in solar wind energy densities to the occurrence of earthquakes. To my utter amazement, I saw a close correlation of 91 per cent between the increases of solar output and the increases in earthquake occurrences during the 1967-1993 period (see Chart No. 2: Global Earthquakes, 1963-1993). This correlation was between the frequency of sunspots and the number of earthquakes—not the magnitudes.

Since the sunspot data was easier to analyse for long-term variations in solar output levels, and because the solar wind data was

very good for short cycle variations, I ran a combined analysis of the two data curves. I found that major earthquakes and major storm activity occurred in time with the peak lows and the peak highs of the combined data curves.

The resulting plots showed a long cycle of about 350 years which is to reach a peak in the immediate future. This means there will be a period of minimum sunspot numbers and maximum earthquake damage. We can also expect maximum solar wind and other solar emissions (see Chart No. 3: Sunspots, 1749-1992). Local climates over the entire world will have extremes of hot and cold weather and of wet and dry seasons.

If my assumptions are correct, we are approaching a most disastrous time which will peak around 1999-2002. Also during this time we can expect the solar corona to disappear—if it hasn't already! The Sun has been showing signs of irregular light emission, so we may see a unique display of stellar mechanics as well.

WHAT SAY THE PROPHETS?

Biblical prophecy states the Sun will become very reddish black in colour with small pinholes of bright lights shining through for a short time at the end of "this age". It also says this will cause the Moon to appear dark red, similar to the colour of blood. Some of the students of the Zohar believe the duration of this darkness is to be about two weeks.

"Before and after this time, great heat will scorch the Earth's surface and men will hide in caves and under mountains to escape the heat. Huge blood-coloured hailstones will fall in abundance, and the Earth will rock on its axis of spin like a drunken man. The storms will increase in violence with fierce lightning and thunder. Earthquakes will increase in number and intensity; and an asteroid of huge size will fall into one of the major oceans, killing one third of the sea life of Earth and all those on the sea in that area."

Nostradamus apparently reveals there will be astronomical problems with the Sun and with earthquakes as well:

"1:46 — Very near Auch, Lectoure and Mirande a great fire will fall from the sky for three nights. The cause will appear both stupefying and marvellous; shortly afterwards there will be an earthquake. Meteorites hit south-western France and cause earthquakes.

1:87 — Earthshaking fire from the centre of the Earth will cause tremors around the new city...

2:3 — Because of the heat of the Sun upon the sea, the fish around Negrepoint will become half cooked...

2:41 — The great star will burn for seven days and the cloud will make the Sun appear double...

6:88 — The Pyrenean mountains will console him when in May [May is the most active month for earthquakes in our databases] there will be earth tremors.

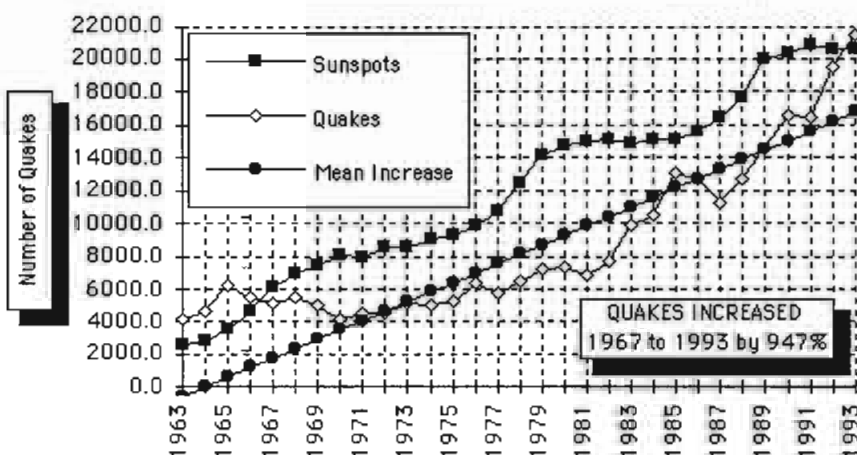
9:89 — The Sun in twenty degrees of Taurus, there will be a great earthquake; the great theatre full up will be ruined. Darkness and trouble in the air, on sky and land...

10:67 — A very great trembling in the month of May, Saturn in Capricorn, Jupiter and Mercury in Taurus. Venus also in Cancer, Mars in Virgo, then hail will fall greater than an egg."

Mother Shipton's prophecies also include warnings of earthquakes, floods and possibly an asteroid:

"...For those who live the century

Chart No. 2: Global Earthquakes, 1963-1993⁸



through/... For storms will rage and oceans roar/... A fiery Dragon will cross the sky/ Six times before this Earth shall die/...

"For seven days and seven nights man will watch this awesome sight. The tides will rise beyond their ken/ To bite away the shores, and then/ The mountains will begin to roar/ And earthquakes split the plain to shore.

"And flooding waters, rushing in/ Will flood the lands with such a din/ That mankind cowers in muddy fen/ And snarls about his fellow men.

"He bares his teeth and fights and kills/ And secrets food in secret hills. And ugly in his fear, he lies/ To kill marauders, thieves and spies...

"...The oceans rise to mount the shore./ And lands will crack and rend anew..."

HISTORIC EARTHQUAKE DATA

When I began to analyse the earthquake data on the 910,000 recorded shakes which is stored at the USGS' in Denver, Colorado, I quickly realised that the public (not the military) quake databases suffered from a lack of accurate data before 1960, and, in fact, that the most reliable data was from 1980 to now because of the addition of more civilian seismological stations of greater sensitivity.

You can see by Chart No. 2 that one of three things has occurred: (a) either a 947 per cent increase in earthquakes has occurred globally, or (b) 947 per cent more shakes have been recorded due to the increased number of, and more sensitive, monitoring stations set up since 1960, or (c) that there has been a significant increase in earthquakes as well as an increase in detection equipment, and that somewhere in between lies the actual rate of increase. However, the bottom line can be found by reading newspapers over the last ten years for reports of earthquake damage in the more densely populated areas. Using this method, the increase in serious quakes has been at least 60 per cent over the last decade, while the damage bills are astronomical ones measuring in the hundreds of billions of US dollars.

Now the explanation of increased detection abilities would explain a lot of the increase—but not all. I took the liberty of getting regional data from Japan, Alaska, Canada and the Middle East to determine if there was an increase in shake numbers between 1960 and 1994 from their local records which are very constant

and unaffected by additional stations. Well, the lowest increase I found was 48 per cent, and the highest was 238 per cent!

I was not satisfied with this, so I called upon some leading Australian seismologists to ask them how to filter out the increase in shake numbers caused simply by having more detectors with increased sensitivities. They told me that taking the shake numbers having a magnitude of, say, Richter 5.0 to 5.5 and above would yield a closer to correct count, because anything of that magnitude would be picked up by the required 10 stations anywhere on the globe. When I tried their suggestion, the increase figures were around a significant 68 per cent.

The resulting plots showed a long cycle of about 350 years which is to reach a peak in the immediate future. This means there will be a period of minimum sunspot numbers and maximum earthquake damage.

I also discovered there is an increasing number of strong earthquakes occurring deeper than 70 kilometres, which may indicate a previously unknown set of tectonic plate movements at depth. The Kobe shake was the result of a new and more destructive breed of quake which has up and down (or vertical component) motions. Very few of the Japanese or US buildings are built to resist vertical component shakes. They are all built for sideways (or horizontal component) shakes.

According to a recent report from Osaka University, almost all of the modern Japanese buildings and bridges are designed to stand up against horizontal forces of 20 to 30 per cent of their weight, while the same structures are only built to withstand half as much movement vertically.

THE MYSTERIES OF BUREAUCRACY

Just a month after the Kobe earthquake, when over 5,000 people had died in the latest of a growing number of serious earthquakes, an astounding announcement was made in Washington. The federal agency which has maintained large databases on earthquake phenomena and which constantly monitors the planet for quake patterns and occurrences is to be closed down this year!

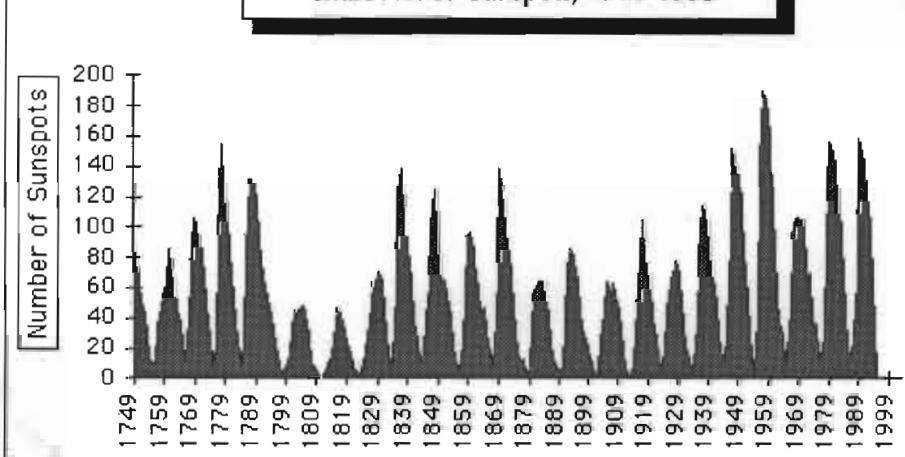
The well-known US Geological Survey is to be shut at the onset of what appears to be a massive increase in devastating quakes. The USGS rapidly transmits earthquake locations and magnitudes to emergency response groups, transportation officials, municipal organisations and to the news media. They help to anticipate major quakes and give early warnings when they are able. But then, who needs to know all that stuff anyway? Right? "Let's just shut them down!"

Odd, isn't it? Especially so, when you consider a report in a January 1995 issue of the science journal, *Nature*, which stated that seismologists were concerned that southern California could be at risk from far more devastating earthquakes than previously thought.

It is also odd when you consider that, just last month, teams of US scientists were spotted flying in formations around the areas of Los Angeles to the south and over the Ventura Basin in those nifty black helicopters, frantically trying to map the myriad new fault-lines that they have 'suddenly' discovered.

However, the presence of these black helicopters has triggered a rather sobering

Chart No. 3: Sunspots, 1749-1993



thought. Suppose that my conclusions concerning the increase in serious earthquakes and climatic change are correct. Suppose, furthermore, the US Government has known about this approaching devastation for some time—say, for twenty years or more.

Suppose, as well, the Defence Department's mobile, nuclear test monitoring units have also provided the Defence Department's *Shake Lady* Project with enough data to predict with an 85 per cent accuracy when and where the major shakes are going to occur in the US.

Now, consider what you would do if you were the official in charge of the Government's Federal Emergency Management Agency (FEMA). You would not be able to tell everyone how clever your classified 'nuclear-test-ban-violation' computer had been for fear of telling the 'enemy' (whoever that might be at the time). You would agree that the USGS data is redundant, lacking in accuracy compared with the military data, and that its funding could be spent in wiser ways. You would not be able to make an official announcement because of the almost instantaneous damage it would do to various local real estate values and other portions of the economy.

You would have to look at the 'big picture'. You would have to consider how best to protect America as a whole from the coming destruction. At this point you would determine how to protect key industries including agriculture, water, electronics, energy, transportation, communications and housing. To this end, you would start quietly buying real estate in the safer regions like Denver and other places along the east side of the Rockies. You would move the key and transportable industries out of harm's way. You would start stockpiling agricultural goods in underground 'safe silos' in the higher, mountainous regions.

You would also set up emergency response teams to handle evacuations, provide martial law, food, water, medical care and so forth. You would establish high-density shelters in safe areas for use by the thousands of selected survivors your choppers and converted jet transports would fly to safety. These barbed-wire enclosures would be guarded to keep reporters and looters out to avoid the secret being blown too early. They would appear like concentration camps when, in reality, they would be protected enclosures for the chosen survivors.

And, certainly, if you knew that the earthquakes were going to be triggered by an astounding series of solar energy bursts of great heat and force, you would want to keep the public in the dark (so to speak) as long as possible. The alternative of telling them would be so catastrophic that if the disaster you feared did not eventuate, then the panic you would have caused would have destroyed a nation—if not a world.

You would want to avoid a complete breakdown of social order and morale at the very time you would need every person doing his or her job, so that at least a small percentage of the human race might survive the holocaust with at least the basics of modern technology at their disposal in their underground shelters (*Project Noah's Ark?*).

You would also have realised that, pragmatically, a certain number of consuming humans would need to die anyway to compensate for the dwindling and destroyed resources.

And, finally, when you had stockpiled and secured enough industry and defence capability and sufficient key personnel to run a post-disaster skeletal civilisation of some sort, you would turn to the public to warn them in subtle ways about their unfortunate cir-

cumstance. You would create 'disaster prophets' with astounding accuracy who would share information 'unofficially' with the public in those last few moments before the great quakes would start. They would appear on national television, and some of those who believed their warnings would make preparations to meet their uncertain futures.

You would have made disaster movies to gradually educate the people in the art of surviving such disasters. You would have conducted numerous 'how to survive' campaigns as a part of the general education of the public, so that no suspicions would be aroused.

Yes, you and I would have faced the same terrible dilemma: "Who lives? Who dies? Is our loyalty to the future or to the present?..."

In conclusion of this section, I must tell you something that I

have kept to myself since 1979. I have been an 'unofficial leak' for classified data concerning both the global disasters and the alien-UFO scenarios I have told you about. I have had classified documents and data 'leaked' to me so that I might be an unofficial and unqualified source of warning to you and many others like you. Like many other 'leaks' I've heard about, I was given information that I could distribute as long as I did not start a panic in the community, and as long as I did not name my sources. Had I let

I was given [classified] information that I could distribute as long as I did not start a panic in the community, and as long as I did not name my sources.

things get out of hand, I would have been discredited as a bogus information source.

I will break with part of my instruction by telling you that some of those leaks were data files from the classified *Shake Lady* Project in the US. The accuracy of the earthquake data from *Shake Lady* was ten times greater than anything USGS records on their database. Although I tend to believe that *Shake Lady* was a code-name for a massive data-gathering and analysis program using some supercomputer, I have thought that "Shake Lady" might refer to some woman with psychic abilities like Gordon-Michael Scallion. Who knows?

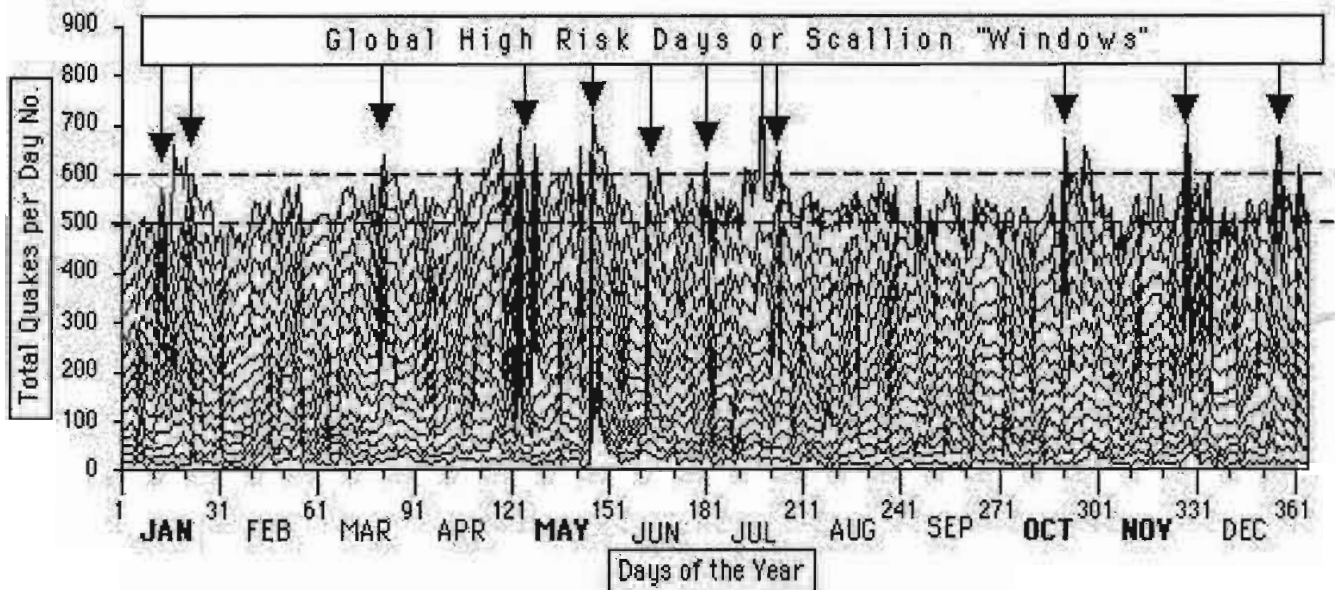
Others were data files or photos given to me in hard copy or on discs from other organisations including restricted research projects at certain American universities. Not all of these sources will agree with my breaking silence on this issue at this time, but I am certain that no panic will start on the basis of my testimony alone. If it does, well someone will probably try to tear some more shreds off my credibility. *Bon chance!*

The time is so near and the preparations are so close to completion that most of the formerly classified information will be gradually released to you at an official level anyway. Watch for violent weather, near-Earth asteroid reports, new and renewed volcanoes, super-heated underwater geysers in the north-eastern Pacific, problems with the Sun and increases in the big quakes. Look for the release of this information in the public media. I am reluctant to say it, but you will soon see that our 'what if' scenario is real...

DO WE HAVE A FUTURE?

Gordon-Michael Scallion's earthquake predictions have not been 100 per cent accurate in either their timing or their size, as he has told us. However, they have been accurate enough for me to realise that his predictions are reliable enough to consider—no matter what his source is. I have found that his 'windows' for

Chart No. 4: Annual Earthquake Frequencies by Day, 1980-1994



shake predictions usually fall within the ten windows I have observed in my Chart No. 4: Annual Earthquake Frequencies by Day, 1980-1994. This chart is purely a plot of the number of earthquakes occurring all over the planet on a given day. Although Gordon-Michael's source of data is far more specific than mine can be, I am sure his event windows are correct for the most part.

He does predict severe earthquakes for this year in the Palm Springs region of California and near the New Madrid fault-line as well. In fact, he also predicts severe earthquakes in Sri Lanka, India, Turkey and the Middle East.

By using my rather primitive—yet logical—method of guessing when and where shakes might eventuate, I, too, can safely say by analysing trends in past data that shakes will occur west of the Rockies, up the New Madrid fault-line in the middle of North America, in Japan, in the Middle East, in the Indonesian region, in New Zealand's north island, in Turkey, in eastern China, in Washington State, in the Aleutian Islands, in Oregon, in California and in Iran. I can also tell you the most likely dates for these shakers to strike during any year by using a very simple line graph of previous shake data.

In Chart No. 4, I have plotted the numbers of earthquakes per day from 1980-1994. You will see that three to five major 'windows' and another five minor 'windows' of shake events are obvious. One is in mid-January; another two (perhaps the most powerful) are in the first and last weeks of May; another is in June; another in October; and yet another in November to December. Use the chart and see for yourself.

The decrease in sunspot activity seems to be causing an increase, globally, in the number of earthquakes as far as I can tell at this point. The growth rate is alarmingly high!

Using local or regional earthquake data for Japan, the South Pacific, the Aleutians, California, etc., I think I will be able to predict some of the major shakes with an acceptable degree of accuracy in time; but until such time, I, too, will be reading every word Scallion prints, and giving his data close attention as it is far more informative than mine can be. If you haven't seen NBC's two

video programs, *Ancient Prophecies (Parts I & II)*, you must do so. They tell you an awful lot about Scallion's gift and his predictions.

WHAT DO I DO?

As the solar sunspot cycles come to an all-time low in the 1995-2005 decade, it is quite possible all the predicted great disasters will manifest. I once thought they would occur in the 1982-84 period, but I did not have as much data then as I do now. So, I think we may safely use the solar energy output graphs to predict a most uncommon decade ahead of us.

If you are considering my opinion or Scallion's predictions to be somewhere close to the truth, then you must be asking yourself, "What can I do to survive the coming catastrophes?" There are two aspects to consider in answering this question.

If you believe that there is no afterlife for you when you die, then your options are limited to the physical preparations that might extend your life a bit. You would be well-advised to collect a group of like-minded people around you to ensure some sort of tribal protection should you survive the coming disasters. You should try to move to areas that do not have old volcanoes or rumbling fault-lines.

You would also be well-advised to stockpile key resources like fuel, food, water, water stills, pedal transports, boats in some cases, short-wave radios, clothing, boots, large-brimmed hats, sunglasses, first-aid kits, tools (screwdrivers, saws, hammers, chisels, knives, shovels, water canteens, cable-cutters, ropes, ladders, compasses, eating utensils, matches, flints, magnifying glasses), weapons (for hunting and defence), books on survival techniques in your part of the world, bedding, toilet paper, washing pans, towels, burn creams and many more 'indispensable' items of modern life...

But then, if you had all this stuff, where would you keep it? How would you transport it? How would you afford to buy it? How long could you protect yourself from the 'looters' who would

Continued on page 79

Gulf War Guinea Pigs

Tens of thousands of Gulf War veterans, their spouses and children are victims of the US military's experimental drug programs.

Vaccines could well be to blame for their shocking symptoms.

by Neil Z. Miller, © 1995

Extracted with permission from
Immunization Theory vs Reality:

Exposé on Vaccinations

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On 16 May 1994, *Newsweek* published a compelling article on the mysterious Gulf War Syndrome. Evidently, thousands of US military personnel who served in the Gulf War are now seriously incapacitated from unknown causes. For example, after one veteran returned from his stint of duty as an army platoon leader in the Persian Gulf, his health began to deteriorate. The trouble started with spots on his legs, which soon spread to other parts of his body. Then his eyes swelled shut and his lips bloated until the skin split. When his skin cleared up, his joints ached.¹⁰⁰

After returning from the Persian Gulf War, another veteran developed flu-like symptoms, with fever, aching joints and swollen lymph nodes. During the next three years he got progressively worse. He became unsteady on his feet and increasingly tired. He suffered frequent headaches and often became disoriented, losing his way home from common locations. Today he uses a wheelchair to get around, cannot work, drive, open a soft drink can or stay awake long enough to read a book.¹⁰¹

A naval reservist developed non-Hodgkins lymphoma (cancer) after returning from a six-month tour of duty in the Persian Gulf. He has since documented 86 lymphomas among fellow soldiers.¹⁰²

A few months later, the true extent of Gulf War damage was revealed. Little by little the facts seeped into the public eye. Nearly 20,000 Gulf War veterans are stricken with debilitating illnesses: bleeding rashes, gums and sinuses, muscle aches, swollen joints, chronic fatigue, diarrhoea, hair loss, severe headaches and memory loss. Also, over time the symptoms tend to become more acute. Many vets are now confined to wheelchairs and hospital beds.¹⁰³

In addition, the syndrome appears to be contagious. Many veterans, their spouses, and scientists believe it can be passed through sex or sweat, or that it's airborne. Apparently, veterans' wives and their unborn babies are being damaged as well. According to Michigan Senator Donald Riegel, Jr, of the 600 vets his office surveyed, 77 per cent say their spouses have the symptoms, 65 per cent say their postwar babies are damaged, and 25 per cent report that their children born before the war have new debilitating illnesses as well. According to one medical researcher, "This is an epidemic. This is absolutely comparable to AIDS."¹⁰⁴

Many Gulf War couples also report they are no longer able to make love. Intercourse causes the women to experience immediate abdominal cramping, and intense burning sensations as though their genitals were being torched. For many, their labias crack and bleed. Also, the semen burns both husband and wife within minutes of contact with skin. It causes open sores—blisters that bleed.¹⁰⁵

Many Gulf War families are being advised against pregnancy. Babies are being born with extra toes and fingers, undeveloped lungs and missing body parts. One child was born with an oversized umbilical cord that wrapped around his body six times, nearly strangling him. This child appears to be developmentally delayed and exhibits other debilitating symptoms similar to his father's. Another child was born without a thyroid gland. She also has dozens of tumours all over her body and inside her mouth. Still another child has intermittent vaginal bleeding.¹⁰⁶

One Gulf War spouse had two miscarriages in the year after her husband's return from the Gulf. She complains of headaches, rashes and frequent vaginal infections. In a third pregnancy, a son was delivered two months prematurely. The child required three months of intensive care and numerous painful operations. He now has vision and hearing problems, a lung ailment and cerebral palsy. This woman has subsequently miscarried again.¹⁰⁷

Another Gulf War spouse has lumps, rashes, and cysts throughout her body. Her skull is thinning, threatening to destroy her brain. She has splitting headaches and painful genital infections. Their son is sick as well.¹⁰⁸ The list appears endless.

THE CAUSE

Although speculation on the roots of this dilemma ranged from pesticides and burning oil wells to undetected Iraqi nerve gases, American troops are the only ones suffering. British, Canadian, Saudi, and Iraqi personnel are relatively unaffected.¹⁰⁹ Even though the *Newsweek* article and other media sources refrained from suggesting vaccines as a potential cause, it awoke the nation to a national dilemma: how to support our vets who unquestionably (and unquestioningly) served their country.

On 6 May 1994 (ten full days before the *Newsweek* article was published), the truth was told. In an opening statement at a Hearing before the Senate Committee on Veterans' Affairs, Senator John D. Rockefeller, IV shared with members of the committee the results of his extensive investigation into the roots of the problem. Here are a few excerpts from that meeting:

OPENING STATEMENT
Senator John D. Rockefeller, IV, Chair
Committee on Veterans' Affairs
United States Senate

Hearing:

**"Is Military Research Hazardous to Veterans' Health?
Lessons from the Cold War, the Persian Gulf, and Today"**

"A few months ago, Americans were shocked to learn that our government had intentionally exposed thousands of US citizens to radiation without their knowledge or consent. Although many of us expressed horror at the apparently unethical behaviour of our government, we were all relieved to hear that such experiments had been stopped long ago.

"We'd like to think that these kinds of abuses are a thing of the past, but the legacy continues. During the Persian Gulf War, hundreds of thousands of soldiers were given experimental vaccines and drugs, and today we will hear evidence that these medical products could be causing many of the 'mysterious illnesses' those veterans are now experiencing...

"Today's hearing will examine the results of an intensive 6-month investigation conducted by Committee staff. The investigation focuses on Persian Gulf War veterans, but extends from World War II-era veterans to the present.

"The results of our investigation showed a reckless disregard that shocked me, and I think they will shock all Americans. The use of investigational drugs in the Persian Gulf is especially troublesome. The Pentagon...threw caution to the winds, ignoring all warnings of potential harm, and gave these drugs to hundreds of thousands of soldiers with virtually no warnings and no safeguards.

"If that wasn't bad enough, they administered these drugs and vaccines in such a way that there is a very good chance they wouldn't have even worked for the intended purpose. They would not have protected most soldiers from chemical or biological warfare.

"These are strong statements and I don't make them lightly.

"The situation is unfair from start to finish. It begins with soldiers who are asked to participate in research, to take experimental drugs, but are not told what the risks are before, during, or after.

"Then, information about the exposures is not included in soldiers' medical records, putting them at even greater risk. And, when these soldiers leave the service and become veterans, the VA lacks information about the exposures, and about any resulting illnesses, making it more difficult to help them.

"Finally, when these veterans become ill, they are unable to get the medical records and other information they need in order to prove that their illnesses are related to military service.

"This situation is unacceptable."¹¹⁰

Senator Rockefeller credited his information to an extensive investigation conducted by Committee staff. Here are excerpts from their discoveries:

PRELIMINARY STAFF FINDINGS

"Is Military Research Hazardous to Veterans' Health? Lessons from the Persian Gulf"

INTRODUCTION

"For more than 50 years, hundreds of thousands of military personnel have been involved in human experimentation and other intentional exposures conducted by the Department of Defense (DoD), often without soldiers' knowledge or consent. Our May 6, 1994 hearing examines the extent to which these exposures endangered individuals who are now veterans, and explores the implications for soldiers and veterans today...

"US troops [in the Persian Gulf War] were intentionally exposed to investigational drugs and vaccines... In still other cases, soldiers were exposed to biological agents or other dangerous substances that DoD was studying; the goal was to study the substances, not their effect on humans...

"Some of the studies that have been conducted had more questionable motives. For example, DoD now admits they conducted "Man Break" tests, exposing soldiers to chemical weapons in order to determine how much was necessary to "break a man". Similarly, DoD admits that they subjected hundreds/thousands of soldiers to hallucinogens without their knowledge or consent, in an effort to determine how incapacitating those substances could be. Most Americans would agree that the use of soldiers as guinea pigs in experiments that were designed to harm them...is not ethical.

"These experiences put hundreds of thousands of US troops at risk, and may have caused lasting harm to many individuals.

"In this report, we will examine how decisions made by DoD regarding the use of investigational drugs and vaccines in the Persian Gulf War were based on inadequate information and in some cases by ignoring evidence that soldiers would be harmed unnecessarily. We will also discuss how the DoD's failure to provide medical treat-

ment or information to soldiers was unjustifiable, unethical, sometimes illegal, and caused unnecessary suffering.

"In addition, information about the use of these investigational drugs and vaccines, and adverse reactions that resulted, usually were not included in soldiers' medical records. As a result, veterans who became ill following the use of these medical products are often unable to prove that their illness or disability was related to their military service."

BACKGROUND INFORMATION

"A few months ago, Americans were shocked to learn that Federal agencies had intentionally exposed thousands of US citizens to radiation without their knowledge or consent. Although many Americans expressed horror at the apparently unethical behaviour of the Federal government, many believed such experiments occurred in a bygone era with less stringent ethical standards.

"Post-Holocaust Standards of Research: The Nuremberg Code is a 10-point declaration governing human experimentation which was developed in response to the inhumane experiments conducted by Nazi scientists and physicians. The Code states that voluntary and informed consent is absolutely essential at all times, wartime included. Additionally, current law prevents funds appropriated to the Department of Defense from being used for research involving a human being as an experimental subject unless the informed consent of the subject is obtained in advance...

"The Nuremberg Code should have guided the experiments whereby LSD and other hallucinogens were given to military servicemen in the 1950s without their knowledge or consent; howev-

er, those studies were kept secret until the mid-1970s. Similarly, the Nuremberg Code should have prevented hundreds of radiation experiments that several Federal agencies conducted on thousands of soldiers, veterans, and civilians during the Cold War without their knowledge or consent; however, those studies continued for years and were never made public until a few months ago."

"...information about the use of these investigational drugs and vaccines, and adverse reactions that resulted, usually were not included in soldiers' medical records.

As a result, veterans who became ill following the use of these medical products are often unable to prove that their illness or disability was related to their military service."

INVESTIGATIONAL DRUGS AND VACCINES IN THE PERSIAN GULF

Under the Food, Drug and Cosmetics Act, all vaccines and medical products must be proven safe and effective by the Food and Drug Administration (FDA) in order to be sold and distributed in the United States.

DoD/FDA Agreements to Waive Informed Consent for Investigational Drugs During the Persian Gulf War

"In August 1990, DoD contacted FDA to review regulatory restrictions on DoD's plan to use pyridostigmine and botulism vaccine for US troops in the Persian Gulf.

According to minutes of the meeting, "FDA expressed some concern about liability and the need to comply with the regulations" and Dr Peck, FDA's Deputy Director for Drug Review, "pointed out the need to establish an appropriate investigational framework to collect observational data and evaluate the military medical products in question".

"The major focus of the meeting was informed consent. In summary, DoD did not want to abide by informed consent regulations, and FDA officials pointed out that pyridostigmine and botulism vaccine were investigational and that there are laws regulating how they can be used. DoD claimed that they had the authority to

Figure 1:

Veterans who received no disclosure on vaccines.

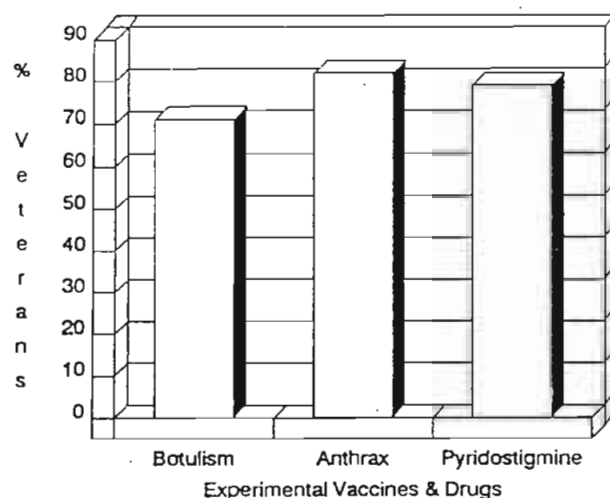
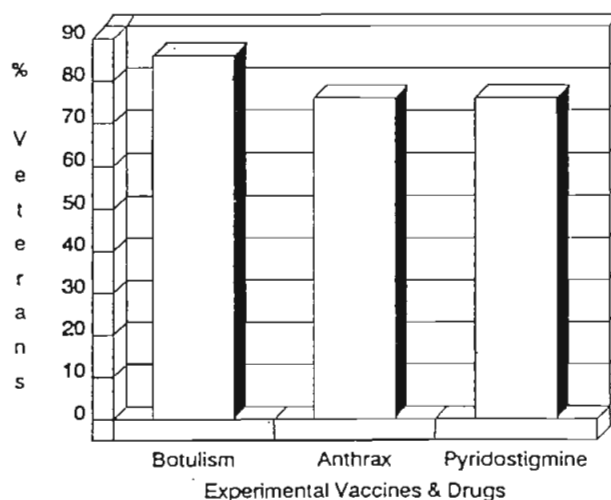


Figure 2:

Veterans who could not refuse vaccines.



"dictate the use of unapproved FDA-regulated products" in the Persian Gulf, but they would prefer to obtain a waiver from FDA.

"The issue was debated by the two agencies for several months. Finally, at a meeting on December 31, 1990, it appeared that an agreement was reached. DoD officials agreed that the vaccine would be administered by trained individuals with a health care background, and that information would be provided orally "at minimum, and in written form if feasible, to all personnel receiving the vaccine". DoD officials said the feasibility of distributing an information sheet would depend on many factors, and would vary from location to location within the military theatre of operation. DoD officials "reiterated that at least verbal information would be provided to each person receiving the vaccine". The FDA Informed Consent Waiver Review Group recommended that pregnant women be excluded from receiving the vaccine and that information about the vaccine be "posted at places where vaccine is administered". However, DoD argued that pregnant women would be at greater risk from exposure to botulism toxins than to the vaccine, and FDA agreed that instead of excluding pregnant women, a statement would be added to the recipient information stating that, "If you are pregnant, it is not known if this vaccine will hurt the unborn baby; however, most vaccines do not."

"Despite these agreements between FDA and DoD, and DoD's official subsequent decision to administer the vaccine voluntarily, many PGW veterans claim that they were not told what vaccine they were being given, or what the risks were, either orally or in writing [See Figures 1 and 2]. Many report that they were told not to tell medical personnel that they had received a vaccination, even if the vaccination caused pain or swelling. No record of the vaccine was available in medical records; as a result, physicians who were concerned about any local or systemic reactions were uninformed about the possible causes. Veterans who claim they were harmed by the vaccine or pyridostigmine frequently have no proof that they were vaccinated or took the pills, or that they had an adverse reaction. Moreover, virtually none of the soldiers received more than two of the botulism vaccinations, even though DoD informed DA they would administer the three shots necessary for protection...

"On January 8, 1991, Dr David Kessler, FDA Commissioner, wrote to the Assistant Secretary of Health of DoD regarding the waiver for informed consent... In his letter, Dr Kessler agreed that since there was "no available satisfactory alternative therapy" for

protection...he would "concur with your assessment that informed consent is not feasible".

"Since the end of the Persian Gulf War, DoD has repeatedly requested that the waiver of informed consent be made permanent, arguing that "to not finalise it provides an arguable defect under the Administrative Procedures Act and leaves both DoD and FDA open to greater liability". To finalise the interim rule would grant unrestricted use of investigational drugs by military personnel, even when efficacy and safety have not been established."¹¹

SURVEY OF 146 PERSIAN GULF WAR VETERANS

"In the early months of 1994, staff of the Senate Committee on Veterans' Affairs interviewed 146 Persian Gulf War veterans... The respondents complained about numerous negative side-effects of the vaccines and pills... One claimed that two people in his unit had heart attacks after taking [the experimental drugs] and that one died. There were numerous complaints about the quality of care and the lack of compassion of VA physicians and nurses. This included a doctor's comment claiming that the Persian Gulf War "wasn't a real war", and a patient's complaint that a doctor told her that she was fine, after using a stethoscope that he had forgotten to put in his ears."¹²

"Here are a few selected comments from the survey:

On Medical Records:

- Seven months of medical records are missing.
- Asked for my medical record and was told all had been disposed of.
- Medical record is lost forever.
- Twenty years of medical records are now mysteriously gone.
- All our medical records were destroyed.
- Doctors refused to put vaccinations in my medical record.
- Was told my leave would be held up if I wanted copies of my medical record.
- My medical record says my illness is not related to Agent Orange.
- This VA doctor has the wrong war!

On Vaccinations:

- Passed out after anthrax shot.
- We were told not to tell we got anthrax shots because there wasn't enough for British and French troops.
- Several reported flu symptoms at time of vaccinations.
- I argued that I was pregnant, so finally they let me not take the shot.
- It was a big argument.
- They made me sign something, but the form was folded so I couldn't read what I signed.
- We were ordered to sign the consent form.
- I could refuse the shot if I wanted court martial.
- I tried to refuse anthrax and was threatened with Leavenworth.

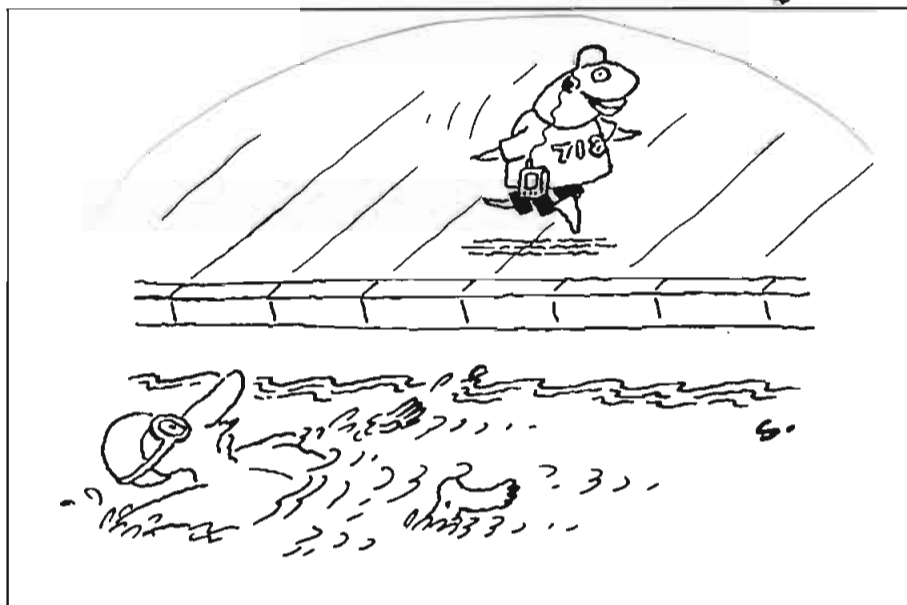
On the VA Hospital System and Doctors:

- Military doctors are harassing me because I'm sick.
- VA doctors don't want to know what is making you sick.
- VA is minimising our illnesses.
- Navy doctors told my wife to terminate her pregnancy.

On Illnesses:

- Lots of men in the unit have swollen testicles.
- Sometimes I forget to feed my son.
- I got lost while going to get my children from school.
- I don't have a spleen and wonder if I should have taken those drugs and vaccines."¹³

Continued on page 78



The Hidden Hazards of Microwave Cooking

Recent research shows that microwave oven-cooked food suffers severe molecular damage. When eaten, it causes abnormal changes in human blood and immune systems.

Not surprisingly, the public has been denied details on these significant health dangers.

by Tom Valentine

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Back in May of 1989, after Tom Valentine first moved to St Paul, Minnesota, he heard on the car radio a short announcement that bolted him upright in the driver's seat. The announcement was sponsored by Young Families, the Minnesota Extension Service of the University of Minnesota:

"Although microwaves heat food quickly, they are not recommended for heating a baby's bottle," the announcement said. The bottle may seem cool to the touch, but the liquid inside may become extremely hot and could burn the baby's mouth and throat. Also, the buildup of steam in a closed container such as a baby's bottle could cause it to explode. "Heating the bottle in a microwave can cause slight changes in the milk. In infant formulas, there may be a loss of some vitamins. In expressed breast milk, some protective properties may be destroyed." The report went on. "Warming a bottle by holding it under tap water or by setting it in a bowl of warm water, then testing it on your wrist before feeding, may take a few minutes longer, but it is much safer."

Valentine asked himself: If an established institution like the University of Minnesota can warn about the loss of particular nutrient qualities in microwaved baby formula or mother's milk, then somebody must know something about microwaving they are not telling everybody.

A LAWSUIT

In early 1991, word leaked out about a lawsuit in Oklahoma. A woman named Norma Levitt had hip surgery, only to be killed by a simple blood transfusion when a nurse "warmed the blood for the transfusion in a microwave oven!"

Logic suggests that if heating or cooking is all there is to it, then it doesn't matter what mode of heating technology one uses. However, it is quite apparent that there is more to 'heating' with microwaves than we've been led to believe.

Blood for transfusions is routinely warmed—but not in microwave ovens! In the case of Mrs Levitt, the microwaving altered the blood and it killed her.

Does it not therefore follow that this form of heating does, indeed, do 'something different' to the substances being heated? Is it not prudent to determine what that 'something different' might do?

A funny thing happened on the way to the bank with all that microwave oven revenue: nobody thought about the obvious. Only 'health nuts' who are constantly aware of the value of quality nutrition discerned a problem with the widespread 'denaturing' of our food. Enter Hans Hertel.

HANS HERTEL

In the tiny town of Wattenwil, near Basel in Switzerland, there lives a scientist who is alarmed at the lack of purity and naturalness in the many pursuits of modern mankind. He worked as a food scientist for several years with one of the many major Swiss food companies that do business on a global scale. A few years ago, he was fired from his job for questioning procedures in processing food because they denatured it.

"The world needs our help," Hans Hertel told Tom Valentine as they shared a fine meal at a resort hotel in Todtnoss, Germany.

"We, the scientists, carry the main responsibility for the present unacceptable conditions. It is therefore our job to correct the situation and bring the remedy to the world. I am striving to bring man and techniques back into harmony with nature. We can have wonderful technologies without violating nature."

Hans is an intense man, driven by personal knowledge of violations of nature by corpo-

rate man and his state-supported monopolies in science, technology and education. At the same time, as the two talked, his intensity shattered into a warm smile and he spoke of the way things could be if mankind's immense talent were to work with nature and not against her.

Hans Hertel is the first scientist to conceive of and carry out a quality study on the effects of microwaved nutrients on the blood and physiology of human beings. This small but well-controlled study pointed the firm finger at a degenerative force of microwave ovens and the food produced in them. The conclusion was clear: microwave cooking changed the nutrients so that changes took place in the participants' blood; these were not healthy changes but were changes that could cause deterioration in the human systems.

Working with Bernard H. Blanc of the Swiss Federal Institute of Technology and the University Institute for Biochemistry, Hertel not only conceived of the study and carried it out, he was one of eight participants.

"To control as many variables as possible, we selected eight individuals who were strict macrobiotic diet participants from the Macrobiotic Institute at Kientel, Switzerland," Hertel explained. "We were all housed in the same hotel environment for eight weeks. There was no smoking, no alcohol and no sex."

One can readily see that this protocol makes sense. After all, how could you tell about subtle changes in a human's blood from eating microwaved food if smoking, booze, junk food, pollution, pesticides, hormones, antibiotics and everything else in the common environment were also present?

"We had one American, one Canadian and six Europeans in the group. I was the oldest at 64 years, the others were in their 20s and 30s," Hertel added.

Valentine published the results of this study in *Search for Health* in the Spring of 1992. But the follow-up information is available only in a later edition, and also in *Acres, USA*.

In intervals of two to five days, the volunteers in the study received one of the food variants on an empty stomach. The food variants were: raw milk from a biofarm (no. 1); the same milk conventionally cooked (no. 2); pasteurised milk from Intermilk Berne (no. 3); the same raw milk cooked in a microwave oven (no. 4); raw vegetables from an organic farm (no. 5); the same vegetables cooked conventionally (no. 6); the same vegetables frozen and defrosted in the microwave oven (no. 7); and the same vegetables cooked in the microwave oven (no. 8). The overall experiment had some of the earmarks of the Pottenger cat studies, except that now human beings were test objects, the experiment's time-frame was shorter, and a new heat form was tested.

Once the volunteers were isolated at the resort hotel, the test began. Blood samples were taken from every volunteer immediately before eating. Then blood samples were taken at defined intervals after eating from the above-numbered milk or vegetable preparations.

Significant changes were discovered in the blood of the volunteers who consumed foods cooked in the microwave oven. These

changes included a decrease in all haemoglobin values and cholesterol values, especially the HDL (good cholesterol) and LDL (bad cholesterol) values and ratio. Lymphocytes (white blood cells) showed a more distinct short-term decrease following the intake of microwaved food than after the intake of all the other variants. Each of these indicators point in a direction away from robust health and toward degeneration. Additionally, there was a highly significant association between the amount of microwave energy in the test foods and the luminous power of luminescent bacteria exposed to serum from test persons who ate that food. This led Hertel to the conclusion that such technically derived energies may, indeed, be passed along to man inductively via consumption of microwaved food.

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"This process is based on physical principles and has already been confirmed in the literature," Hertel explained. The apparent additional energy exhibited by the luminescent bacteria was merely extra confirmation.

"There is extensive scientific literature concerning the hazardous effects of direct microwave radiation on living systems," Hertel continued. "It is astonishing, therefore, to realise how little effort has been made to replace this detrimental technique of microwaves with technology more in accordance with nature."

"Technically produced microwaves are based on the principle of alternating current. Atoms, molecules and cells hit by this hard electromagnetic radiation are forced to reverse polarity 1 to 100 billion times a second. There are no atoms, molecules or cells of any organic system able to withstand such a violent, destructive power for any extended period of time, not even in the low energy range of milliwatts.

"Of all the natural substances—which are polar—the oxygen of water molecules reacts most sensitively. This is how microwave cooking heat is generated—friction from this violence in water molecules. Structures of mol-

ecules are torn apart, molecules are forcefully deformed (called structural isomerism) and thus become impaired in quality.

HEATING FOOD

"This is contrary to conventional heating of food, in which heat transfers convectionally from without to within. Cooking by microwaves begins within the cells and molecules where water is present and where the energy is transformed into frictional heat."

The question naturally arises: What about microwaves from the sun? Aren't they harmful?

Hertel responded: "The microwaves from the Sun are based on principles of pulsed direct current. These rays create no frictional heat in organic substance."

In addition to violent frictional heat effects (called thermic effects), there are also athermic effects which have hardly ever been taken into account, Hertel added.

"These athermic effects are not presently measurable, but they can also deform the structures of molecules and have qualitative consequences. For example, the weakening of cell membranes by microwaves is used in the field of gene altering technology. Because of the force involved, the cells are actually broken, there-

by neutralising the electrical potentials—the very life of the cells—between the outer and inner sides of the cell membranes. Impaired cells become easy prey for viruses, fungi and other micro-organisms. The natural repair mechanisms are suppressed, and cells are forced to adapt to a state of energy emergency: they switch from aerobic to anaerobic respiration. Instead of water and carbon dioxide, hydrogen peroxide and carbon monoxide are produced."

It has long been pointed out in the literature that any reversal of healthy cell processes may occur because of a number of reasons, and our cells then revert from a "robust oxidation" to an unhealthy "fermentation".

The same violent friction and athermic deformations that can occur in our bodies when we are subjected to radar or microwaves, happens to the molecules in the food cooked in a microwave oven. In fact, when anyone microwaves food, the oven exerts a power input of about 1,000 watts or more. This radiation results in destruction and deformation of molecules of food, and in the formation of new compounds (called radiolytic compounds) unknown to man and nature.

Today's established science and technology argues forcefully that microwaved food and irradiated foods do not have any significantly higher "radiolytic compounds" than do broiled, baked or other conventionally cooked foods—but microwaving does produce more of these critters. Curiously, neither established science nor our ever-protective government has conducted tests—on the blood of the eaters—of the effects of eating various kinds of cooked foods. Hertel and his group did test it, and the indication is clear that something is amiss and that larger studies should be funded. The apparently toxic effects of microwave cooking is another in a long list of unnatural additives in our daily diets. However, the establishment has not taken kindly to this work.

"The first drawing of blood samples took place on an empty

stomach at 7.45 each morning," Hertel explained. "The second drawing of blood took place 15 minutes after the food intake. The third drawing was two hours later."

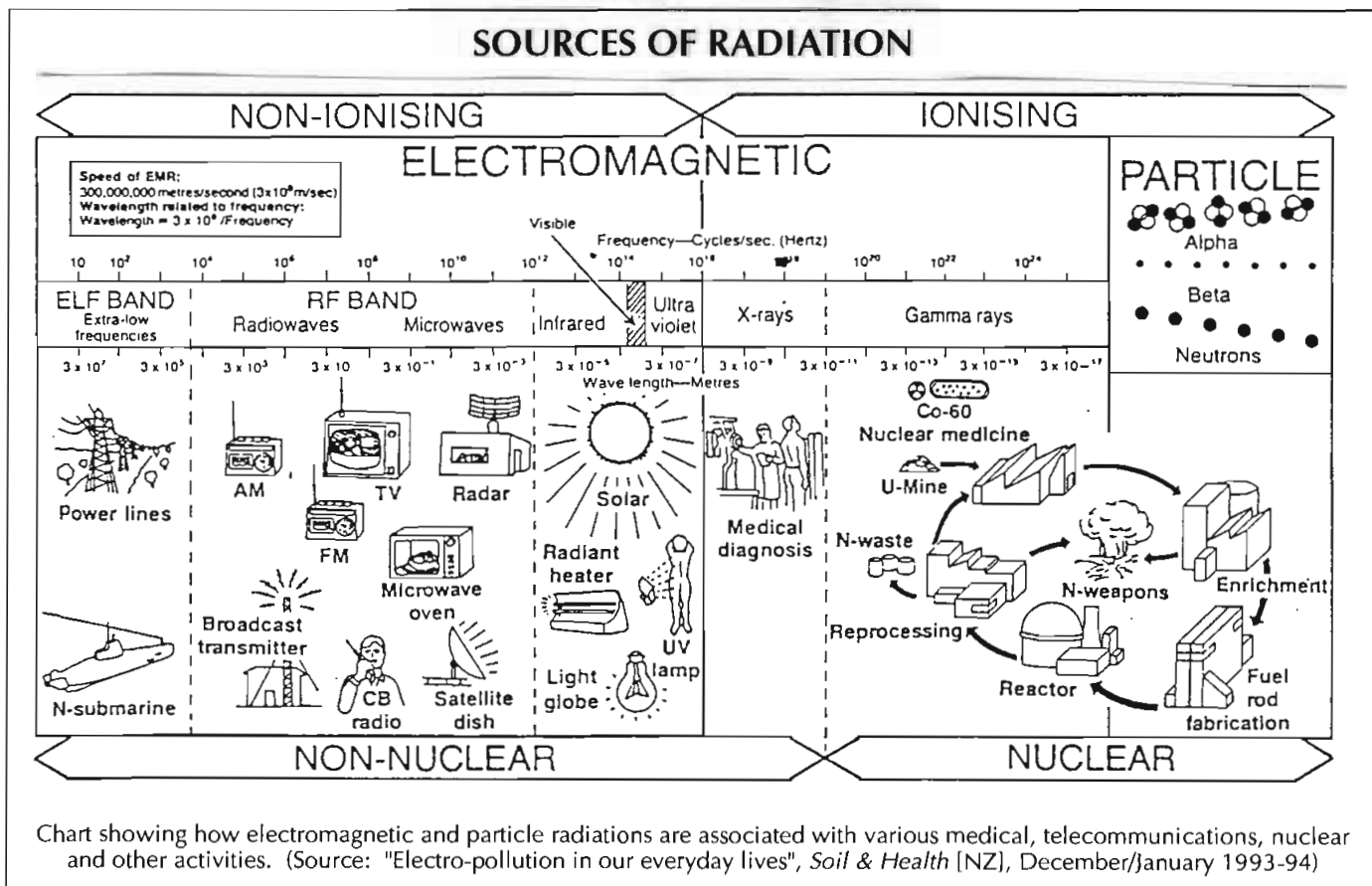
From each sample, 50 millilitres of blood was used for the chemistry and five millimetres for the haematology and the luminescence. The haematological examinations took place immediately after drawing the samples. Erythrocytes, haemoglobin, mean haemoglobin concentration, mean haemoglobin content, leukocytes and lymphocytes were measured. The chemical analysis consisted of iron, total cholesterol, HDL cholesterol and LDL cholesterol.

The results of erythrocyte, haemoglobin, haematocrit and leukocyte determinations were at the "lower limits of normal" in those tested following the eating of the microwaved samples.

"These results show anaemic tendencies. The situation became even more pronounced during the second month of the study," Hertel added. "And with those decreasing values, there was a corresponding increase of cholesterol values."

Hertel admits that stress factors, from getting punctured for the blood samples so often each day, for example, cannot be ruled out, but the established baseline for each individual became the "zero values" marker, and only changes from the zero values were statistically determined.

With only one round of test substances completed, the different effects between conventionally prepared food and microwaved food were marginal—although noticed as definite "tendencies". As the test continued, the differences in the blood markers became "statistically significant". The changes are generally considered to be signs of stress on the body. For example, erythrocytes tended to increase after eating vegetables from the microwave oven. Haemoglobin and both of the mean concentration and content haemoglobin markers also tended to decrease significantly after eating the microwaved substances.



LEUKOCYTOSIS

"Leukocytosis," Hertel explained, "which cannot be accounted for by normal daily deviations such as following the intake of food, is taken seriously by haematologists. Leukocyte response is especially sensitive to stress. They are often signs of pathogenic effects on the living system, such as poisoning and cell damage. The increase of leukocytes with the microwaved foods was more pronounced than with all the other variants. It appears that these marked increases were caused entirely by ingesting the microwaved substances."

The cholesterol markers were very interesting, Hertel stressed:

"Common scientific belief states that cholesterol values usually alter slowly over longer periods of time. In this study, the markers increased rapidly after the consumption of the microwaved vegetables. However, with milk, the cholesterol values remained the same and even decreased with the raw milk significantly."

Hertel believes his study tends to confirm newer scientific data that suggest cholesterol may rapidly increase in the blood secondary to acute stress. "Also," he added, "blood cholesterol levels are less influenced by cholesterol content of food than by stress factors. Such stress-causing factors can apparently consist of foods which contain virtually no cholesterol—the microwaved vegetables."

It is plain to see that this individually financed and conducted study has enough meat in it to make anyone with a modicum of common sense sit up and take notice. Food from the microwave oven caused abnormal changes, representing stress, to occur in the blood of all the test individuals. Biological individuality, a key variable that makes a mockery of many allegedly scientific studies, was well accounted for by the established baselines.

So, how has the brilliant world of modern technology, medicine and 'protect the public' government reacted to this impressive effort?

A GAG ORDER

As soon as Hertel and Blanc announced their results, the hammer of authority slammed down on them. A powerful trade organisation, the Swiss Association of Dealers for Electroapparatuses for Households and Industry, known simply as FEA, struck swiftly. They forced the President of the Court of Seftigen, Kanton Bern, to issue a 'gag order' against Hertel and Blanc. The attack was so ferocious that Blanc quickly recanted his support—but it was too late. He had already put into writing his views on the validity of the studies where he concurred with the opinion that microwaved food caused the blood abnormalities.

Hertel stood his ground, and today is steadfastly demanding his rights to a trial. Preliminary hearings on the matter have been appealed to higher courts, and it's quite obvious the powers that be do not want a 'show trial' to erupt on this issue.

In March 1993, the court handed down this decision based upon the complaint of the FEA:

Consideration.

1. Request from the plaintiff (FEA) to prohibit the defendant (Dr Ing. Hans Hertel) from declaring that food prepared in the microwave oven shall be dangerous to health and lead to changes in the blood of consumers, giving reference to pathologic troubles as also indicative for the beginning of a cancerous process. The defendant shall be prohibited from repeating

such a statement in publications and in public talks by punishment laid down in the law.

2. The jurisdiction of the judge is given according to law.

3. The active legitimacy of the plaintiff is given according to the law.

4. The passive legitimacy of the defendant is given by the fact that he is the author of the polemic [published study] in question, especially since the present new and revised law allows to exclude the necessity of a competitive situation, therefore delinquents may also be persons who are not co-competitors, but may damage the competing position of others by mere declarations.

[Apparently, Swiss corporations have lobbied in a law that nails "delinquents" who disparage products and might do damage to commerce by such remarks. So far, the US Constitution still preserves freedom of the press.]

5. Considering the relevant situation it is referred to three publications: the public renunciation [sic] of the so-called co-author Professor Bernard Blanc, the expertise of Professor Teuber [expert witness from the FEA] about the above-men-

tioned publication, the opinion of the public health authorities with regard to the present stage of research with microwave ovens as well as to repeated statements from the side of the defendant about the danger of such ovens.

6. It is not considered of importance whether or not the polemic of the defendant meets the approval of the public, because all that is necessary is that a possibility exists that such a statement could find approval with people not being experts themselves. Also, advertising involving fear is not allowed and is always disqualified by the law. The necessity for

a fast interference is in no case more advised than in the processes of competition. Basically, the defendant has the right to defend himself against such accusations. This right, however, can be denied in cases of pressing danger with regard to impairing the rights of the plaintiff when this is requested.

Conclusion.

On grounds of this pending request of the plaintiff, the court arrives at the conclusion that because of special presuppositions as in this case, a definite disadvantage for the plaintiff does exist, which may not easily be repaired, and therefore must be considered to be of immediate danger. The case thus warrants the request of the plaintiff to be justified, even without hearing the defendant. Also, because it is not known when the defendant will bring further statements into the public.

The judge is also of the opinion that because the publications are made up to appear as scientific, and therefore especially reliable-looking, they may cause additional bad disadvantages. It must be added that there does obviously not exist a just reason for this publication because there is no public interest for pseudo-scientific unproved declarations. Finally, these ordered measures do not prove to be disproportionate.

The defendant is prohibited, under punishment of up to F5,000, or up to one year in prison, to declare that food prepared in microwave ovens is dangerous to health and leads to pathologic troubles as also indicative for the beginning of a cancerous process.

The plaintiff pays the costs.

(Signed) President of the Court of Seftigen Kraemer.

It is plain to see that this individually financed and conducted study has enough meat in it to make anyone with a modicum of common sense sit up and take notice.

If you cannot imagine this kind of decision coming from a court in the United States, you have not been paying attention to the advances of administrative law.

Hertel defied the court and has loudly demanded a fair hearing on the truth of his claims. The court has continued to delay, dodge, appeal and avoid any media-catching confrontation. As of this writing, Hans is still waiting for a hearing with media coverage—and he's still talking and publishing his findings.

"They have not been able to intimidate me into silence, and I will not accept their conditions," Hertel declared. "I have appeared at large seminars in Germany, and the study results have been well-received. Also, I think the authorities are aware that scientists at Ciba-Geigy [the world's largest pharmaceutical company, headquartered in Switzerland] have vowed to support me in court."

As those powerful special interests in Switzerland who desire to sell microwave ovens by the millions continued to suppress open debate on this vital issue for modern civilisation, new microwave developments blossomed in the United States.

INFANT DANGER

In the journal *Pediatrics* (vol. 89, no. 4, April 1992), there appeared an article titled, "Effects of Microwave Radiation on Anti-infective Factors in Human Milk". Richard Quan, M.D. from Dallas, Texas, was the lead name of the study team. John A. Kerner, M.D., from Stanford University, was also on the research team, and he was quoted in a summary article on the research that appeared in the 25 April 1992 issue of *Science News*. To get the full flavour of what may lie ahead for microwaving, here is that summary article:

"Women who work outside the home can express and store breast milk for feedings when they are away. But parents and caregivers should be careful how they warm this milk. A new study shows that microwaving human milk—even at a low setting—can destroy some of its important disease-fighting capabilities.

"Breast milk can be refrigerated safely for a few days or frozen for up to a month; however, studies have shown that heating the milk well above body temperature—37°C—can break down not only its antibodies to infectious agents, but also its lysozymes or bacteria-digesting enzymes. So, when paediatrician John A. Kerner, Jr, witnessed neonatal nurses routinely thawing or reheating breast milk with the microwave oven in their lounge, he became concerned.

"In the April 1992 issue of *Pediatrics* (Part I), he and his Stanford University co-workers reported finding that unheated breast milk that was microwaved lost lysozyme activity, antibodies and fostered the growth of more potentially pathogenic bacteria. Milk heated at a high setting (72°C to 98°C) lost 96 per cent of its immunoglobulin-A antibodies, agents that fend off invading microbes.

"What really surprised him, Kerner said, was finding some loss of anti-infective properties in the milk microwaved at a low setting—and to a mean of just 33.5°C. Adverse changes at such low temperatures suggest '*microwaving itself may in fact cause some injury to the milk above and beyond the heating*'.

"But Randall M. Goldblum of the University of Texas Medical Branch in Galveston disagrees, saying: '*I don't see any compelling evidence that the microwaves did any harm. It was the*

Continued on page 77

— LOVE —

Coherent Energy For Our Reality Engines

It is now scientific fact that when we generate the energy of love in our hearts, we resonate with the Earth's electromagnetic field.

In turn, we create positive feedback within our environment, amongst our fellow beings, and through time and space.

by Glenn Krawczyk
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Burleigh Heads, Qld 4220
Australia

Here we are, each and every one of us, consciousness centred in our very own custom-made psycho-physiological energy vehicle (our body, that is), trying to figure out who we are, where we are and where we are going. It seems, however, that we are missing some obvious answers, or, more correctly, overlooking answers that we already know.

We ponder whether time travel is possible, whilst forgetting that we are doing it right now. Each and every moment of our lives is spent travelling through time and space, our physical bodies doing so in a linear fashion, whilst our minds oscillate between the experience of the moment that is occurring now and the mental projections of possible pasts and futures.

We long to know if there is other intelligent life in the universe, even though surrounded by intelligent and sentient life-forms other than our fellow human time-travellers. How easily we forget that the myriad species that populate the environmental envelope of our living planet—and the planet itself—are all forms of living intelligence.

We wonder whether reality consists of more dimensions than just those we detect with our physical senses, yet we fail to recognise that the 'mental spaces' we construct within our minds to even consider such a question, indeed, the very act of thinking itself, clearly takes place outside the physical dimensions of reality.

It would seem that it is largely our own failure to recognise and accept the reality of our reality that is responsible for keeping us stumbling through life like ignorant fools. Even as we thirst for knowledge, we so often fail to notice that we are swimming in a sea of answers.

'Homo Electromagneticus' and The Infinite Ocean

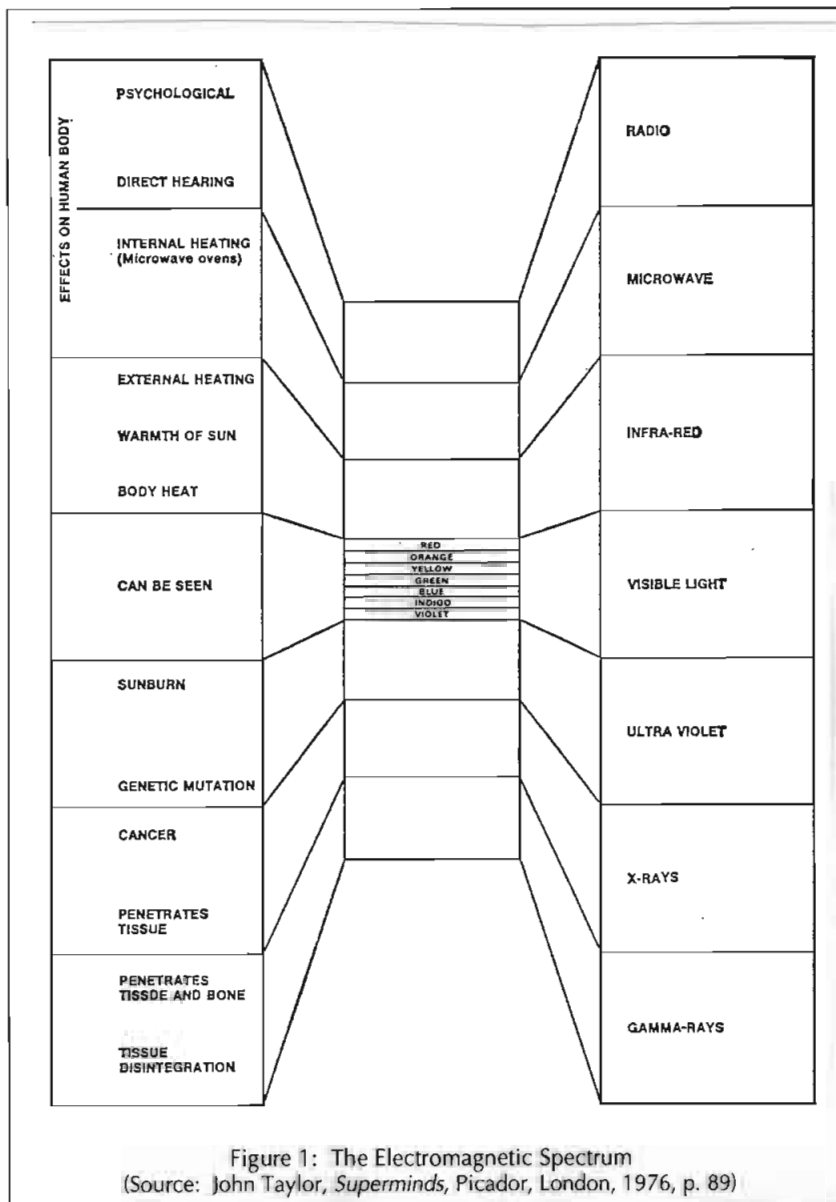
It appears that our capacity as self-aware entities to detect and interact with the various levels of reality with which we're capable of interfacing depends entirely on the manner in which we tune our 'reality engines', and thus the level of performance at which we can get them to operate. Our **reality engine** consists of all parts of our being, including our bodies, brains, minds, souls and spirits. The energy that fuels these engines has been known in various cultures throughout the ages by differing names including chi, prana, kundalini, orgone, od, and so on, but let's simply refer to it as **life-force**.

The concept of life-force can no longer be dismissed as unscientific or as a mere by-product of irrational or mystical thinking. The highly respected two-time Nobel Prize nominee Robert O. Becker, a pioneer in the field of electromedicine, makes this clear when he states:

"...the latest scientific revolution has validated the ancient, preliterate concept of "life energy", not as some mystical, unknowable force but as measurable electromagnetic forces that act within the body as organised control systems. These electromagnetic forces appear capable of being accessed through some of the techniques of shaman-healers as well as through modern, direct intervention with similar forces. These ideas have led to the development of the new medical paradigm, energy medicine, which is currently being slowly integrated into orthodox medicine.

"We have also seen how these control systems relate certain basic functions of living organisms to the electromagnetic environment..., [a] little understood but vitally important link."

The electromagnetic environment to which Becker refers is the primary energy field through which we interact with the material dimensions of reality. We are literally embedded within it, and it within us.



This electromagnetic sea is a complex living matrix comprising a kaleidoscopic array of signals including the Earth's natural geomagnetic field, the electromagnetic fields generated by the weather and atmospheric conditions, energy releases from seismic events within the Earth's crust, the immensely powerful solar wind produced by the Sun, innumerable other sources of cosmic radiation such as energy fields from supernovas and other stars, the cosmic background microwave radiation, and so on.

The interaction of the solar wind—the stream of charged particles from the Sun—and the Earth's geomagnetic field generates enormously powerful electrical currents and electromagnetic waves that resonate within the atmospheric envelope that cradles the planet. As the Earth rotates within its fixed magnetosphere, it creates a daily rhythm in the geomagnetic field which acts as a clock for critical functions within our bodies.

The isoelectric static field that exists between the surface of the Earth and the ionosphere, the lower layers of which are around 80 kilometres above the planet, increases in charge by 200 volts per metre of altitude. This means that the act of just standing upright on the Earth's surface produces approximately 400 volts of electrostatic charge at the top of your head. The electrodynamic field created by the vibrations and movements of our bodies couples us

to the Earth's field with the utmost sensitivity, particularly since both fields resonate at virtually identical frequencies, thus forming a tuned system.

The most minute variations in these environmental energy fields have a direct influence on human psychophysiology and consciousness; and, just as importantly, variations in human psychophysiology and consciousness have a direct influence on these fields. Through this continuous energetic interplay, our consciousness interfaces with the information that informs its reality.

The Reality Engine

What do we mean by the terms **consciousness**, **environment**, **reality** and **information**? Let us adopt the definitions proposed by Robert Jahn and Brenda Dunne of the Engineering Anomalies Research (PEAR) laboratory at Princeton University, in their seminal book entitled, *Margins of Reality—The Role of Consciousness in the Physical World*.² These definitions pertain to a theoretical model of consciousness and its role in the formation of reality that Jahn and Dunne have proposed to explain data generated by over a decade's experimentation.

The term **Consciousness** "...is intended to subsume all categories of human experience, including perception, cognition, intuition, instinct and emotion, at all levels, including those commonly termed "conscious", "subconscious", "superconscious" or "unconscious", without presumption of specific psychological or physiological mechanisms."

The concept of **Environment** "...includes all circumstances and influences affecting the consciousness that it perceives to be separate from itself, including, as appropriate, its own physical corpus and its physical habitat, as well as all intangible psychological, social and historical influences that bear upon it. Thus consciousness and environment engage in the "I/Not I" dialogue of classical philosophy, but with the interface between the two regarded as subjective and situation-specific."

Reality encompasses "all aspects of experience, expression and behavior, [and] is constituted only at the interface between consciousness and its environment, and it is to that reality interface alone that the model pertains."

It is also presumed that the sole currency of any reality is **Information**, "...which may flow in either direction; that is, consciousness may insert information into its environment as well as extract information from it. In this functional sense, information may be constituted by any array of stimuli that the consciousness, or the environment, is capable of sensing or reacting to."

So, according to our hypothesis we can now argue that our reality engine—our consciousness—is engaged in constant two-way multidimensional communication with the infinite energetic field of information in which it is embedded. Furthermore, we can argue that in a very real sense **our consciousness is what it is conscious of, both consciously and subconsciously**. This being the case, it would seem acceptable to conclude that the more coherence there is between the signals we detect externally and those we generate internally, the more coherent our experience of reality will be (increased coherence equals a higher signal-to-noise ratio).

Unifying Physical and Mental Space

We know from our own life experience that the environment in which we exist is both physical and non-physical. The physical world is that part of reality which we 'rationally' perceive as being outside of ourselves and which we sense by means of the signals that are transmitted to our brains via the nervous system, the most sophisticated radar system we know to exist. It tunes into the entire spectrum of electromagnetic frequencies that deliver light, sound, smell, taste and touch to our brains. This remarkable antenna array also unceasingly monitors the internal status of our bodies, detecting minute changes and warning us when conditions are not as they should be, when we need rest, and so forth.

The non-physical aspects of our reality include the mental spaces which our minds experience and generate, such as our mental 'picture' of the world, our memories, our mental projections of the future, and the world of our imagination. These spaces are influenced not only by the forces active within our own psychic structure, but also by the mental forces of those individuals, groups and social structures that impact on our thoughts, and the spiritual forces that motivate or influence us.

If we consider two of the most extreme positions that people adopt regarding the relationship between the worlds of mind and matter, we have a choice between accepting: (1) that all phenomena, including mind and consciousness, are generated by matter and its motions; or, (2) that we are purely spiritual entities who have become trapped in an illusory and essentially 'negative' material plane of existence ('original sin').

The problem with both these arguments is that they fail to provide a framework which encompasses the totality of our individual and collective experience. Indeed, both these belief systems require that we dismiss an integral part of the reality we experience. One seeks to discard our spiritual life, the other our material existence.

The late Professor David Bohm, a leading thinker and possibly the most important theoretical physicist since Albert Einstein, found neither of these positions tenable, and proposed a third option which he supported both experimentally and theoretically. His work has attracted growing support from scientists, theologians and philosophers alike.

In essence, Bohm proposed that our perceived reality (in all its forms) is the manifestation of information that has psychosomatic significance, that is, **meaning**, to us:

"It has been commonly accepted, especially in the West, that the mental and physical are quite different but are somehow related, but the theory of their relationship has never been satisfactorily developed. I suggest that the two are not actually separated; that the mental and the physical are two aspects, like the form and content of something which is only separable in thought, not in reality. Meaning is the bridge between the two aspects."

"In quantum mechanics we have fields of information in the wave function, and perhaps super quantum fields which organize the quantum field itself. These fields are not in space-time but they are in multi-dimensional space, at least mathematically speaking. Space and time are also anthropomorphic concepts. They are meanings."

Multidimensional Information Fields

We are now proposing that the **reality** experienced by our consciousness is determined by the **information** which our **consciousness** exchanges with its **environment** (which is both physical and non-physical), and that we can only consciously experience realities which have some meaning to us. **E-motion**, which is mediated by our heart, in conjunction with intellect and logic, mediated by our mind/brain, subsequently determines our attitude toward any given experience.

Although scientific reductionists locate mind and memory within the brain and generally argue that behaviour is largely determined by genetic and biological characteristics, such a view is clearly lacking in merit in the face of current scientific evidence. As the maverick English scientist Rupert Sheldrake has pointed out:

"...you could say the present mechanistic approach to biology is like trying to understand the pictures on the screen of the TV set by more and more detailed analysis of the chemistry of the condensers and wires and so on, completely leaving out account of the fact that the pictures depend on transmissions coming from somewhere else. The fact is, of course, that neither radio nor TV nor living organisms can be explained simply in terms of the chemistry and arrangement of their components. But the mechanists will then say, 'Well, we'll admit we can't explain it now, but we will be able to explain it in the future.' They issue undated promissory notes. It's essentially an act of faith in the mechanistic method, not really a strict scientific hypothesis."

Sheldrake's hypothesis of the existence of formative information fields, which he calls **morphogenetic fields**, has been hailed by many scientists as the greatest breakthrough in biology this century. Sheldrake proposes that morphogenetic fields are generated by everything that exists within the universe, including all material forms, thought forms, forms (i.e., patterns) of behaviour, and so on. He suggests that these fields are transmitted and received in a process analogous to the reception and transmission of TV or radio signals.

When we speak of **fields**, we normally mean "regions of energetic influence", but what makes morphogenetic fields different from other fields is that as they are **formative** rather than **energetic**; thus they are "regions of formative influence".

Unlike ordinary fields, the influences of morphogenetic fields do not diminish through space and time but, rather, permeate all of space and time. Their influence exists everywhere and everywhen, like forms attracting information from, and adding information to, like fields, and vice versa:

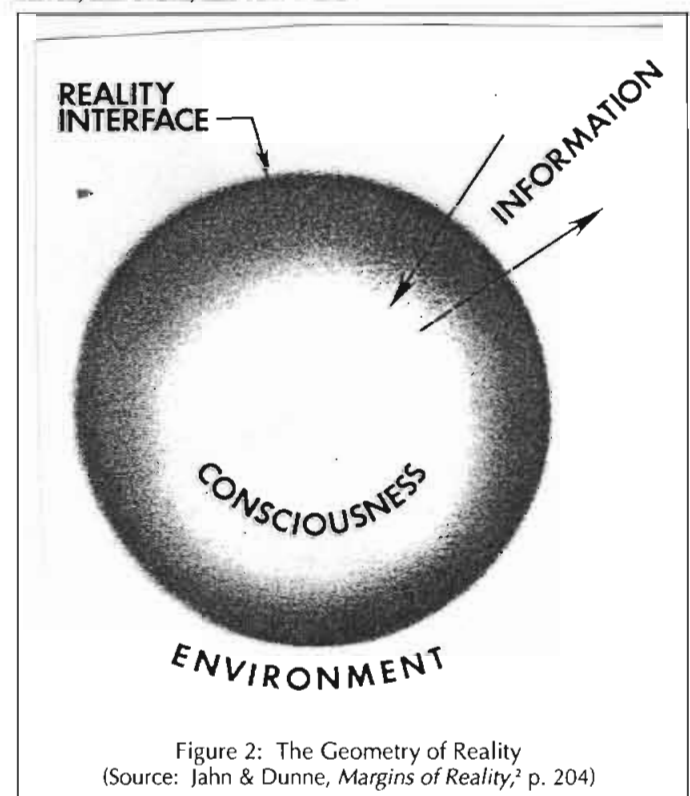


Figure 2: The Geometry of Reality
(Source: Jahn & Dunne, *Margins of Reality*,² p. 204)

"The reason I say that the fields themselves are not energetic is that according to the theory these fields have a non-local character: they are not attenuated by time or space—they act outside of time and space. And if the fields, in their non-local character, involved a transfer of energy, it wouldn't be possible for them to have these properties."

"The fields are always linked to energetic systems—they always interact with energetic systems. The reason I say they're not themselves energy is partly because of the way they're transmitted from place to place (non-locally) and partly because the kind of causation they're involved in is distinct from the kind of causation physics deals with, which is always construed in terms of energetic causation. The whole question of form has a curious relationship to energy; it can never exist without energy or activity, because without something having actuality or activity or energy a form can't have any physical reality."

Here, Sheldrake makes a vitally important point regarding the nature of morphogenetic fields and that is that they are, in the true sense of the term, **metaphysical** fields: they exist outside of the physical dimensions of reality.

The Principles of Experience

According to the theoretical model postulated by Jahn and Dunne, the action of consciousness can be understood as being analogous to the behaviour of the subatomic world as described by quantum mechanics. In other words, consciousness has both particle-like and wave-like properties, and interacts with other subjectively-independent consciousness forms to create larger structures akin to consciousness molecules, and so on. It is influenced by fields, and, as is the case with matter, systems and structures that resonate coherently tend to be stable, whilst those that do not tend to break apart.

According to this model, the **penetration** of our consciousness into the environment, its **range**, is a function of the extent of our attention to it, or of our interaction with it. As our consciousness expands out into the **cognitive plane**—that is, the field of **information** (potential experience which, in itself, is dispassionate)—the **emotional** component of any particular interaction will generate either a positive (approach, attraction) or negative (avoidance, repulsion) state in the participating consciousness. The emotional components in any interaction are expressed as a cognitive **orientation** and may be generated by any or every conscious element participating in the interaction.

The very language we use to communicate descriptions of our experiences—and how we feel about them—suggests the possibility that consciousness itself is imbued with the same properties as space-time and the matter it contains. For example, we often use spatial metaphors when describing our relationship to a person. We might say we are "drifting apart" from them, or that we find it hard to communicate with them as they seem "distant". Conversely, we may feel "close" to them, in which case we may

say that we are "in the same headspace". When describing states of mind we often use terms such as "deep in thought", "way out", "high as a kite", or say that we are getting "into" something.

When covering distance mentally, we might say that we are "taking things in our stride" or are "taking steps toward fixing a problem". We might argue that we are "going over old ground" or "getting into new territory". Whilst sorting out a problem in our minds, we might let our thoughts "wander" until we have worked out our "position", at which point we might take a "stand" on whatever "grounds" we feel are necessary.

Our metaphorical descriptions of time often define how we feel about the "mental space" we are occupying. When we are absorbed by something we often find that "time flies", and when we are bored with our thoughts "time drags". In highly stressful or emotional situations we might say that "time stood still". When we feel overloaded we might say that we need "time out", or if we are annoyed at somebody's repetitive behaviour we might accuse them of doing the same thing "time after time". We may suggest a solution that will do "for the meantime" or "for the time being".

We often describe our view of reality in terms of mass. For example, we might find a situation "really heavy", in which case it

may "weigh us down". We might judge someone to be "light-weight" or "lighthearted". When we have a lot to do, we describe our workload as "massive". Situations are often judged by us to "matter" or "not matter", and a person may feel "burdened" by an important "matter" when they realise the full "gravity" of its consequences.

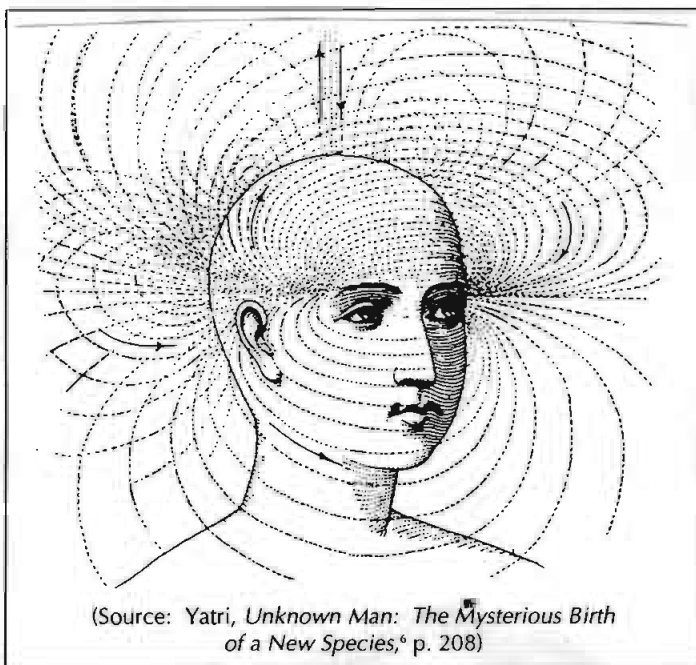
We also describe our thoughts in terms of charge, using expressions such as being "attracted to" or "repulsed by" something or somebody. A situation may become "highly charged" depending on whether we perceive other participants as having a "positive" or "negative" reaction to our own "currents of thought". This may lead to the issue becoming "polarised", at which point our emotions may

get "excited" and "sparks" may begin to fly. Then again, we may find ourselves interacting intimately with someone when we sense "electricity" between us.

The important thing we need to recognise is that our mental reality shares many of the properties of the physical world, once again supporting the hypothesis that they are in fact different manifestations of the same forces. It is also important to recognise the role that E-motion plays in the interaction between consciousness and reality.

Speaking The Universal Language

All systems of communication speak a single language, the language of form. Speech, for example, is an audible form; writing, a visual form. To consider the infinite versatility of **form**, we need only consult the dictionary to see just how many facets of reality this word describes. Form not only suggests the shape of a thing or person: it also implies the structural conditions that determine the shape and mode in which that thing manifests. For example, water can take **form** as a liquid, a solid or a vapour depending on



(Source: Yatri, *Unknown Man: The Mysterious Birth of a New Species*, p. 208)

the conditions under which it is **formed**, yet it still remains H₂O.

Form also describes the arrangement or relationship of the parts of a whole to that whole. For example, music, art and literature all consist of individual **forms** that come together to create a larger whole. The act of bringing together and shaping those components also takes a **form**, that is, an order or method. When the resultant **formation** is pleasing to our senses, we might then describe it as having "a pleasant form".

Thoughts take **form** in our minds which are themselves composed of energetic psychic structures. When these structures are firmly rooted within our psyche, we might refer to them as "rigid belief systems". But when they are flexible and responsive to the interplay between our consciousness and environment, we tend to think more creatively. The most imaginative humans are sometimes called "free-form thinkers" for this very reason.

There are numerous other examples we could use to demonstrate the notion of **form**, but, as we can already see, form is both an action and the thing upon which it is acting; hence, any set of conditions which we attempt to express scientifically as a **formula** should be understood not only as a description of the **formative** conditions under which a thing is **formed**, but also as a description of the **form** itself.

Now if we can just step back momentarily and consider the full implications of the concept of **form**, we can only conclude that objects and events—and the forces which bring them about—are ultimately all expressions of one and the same thing: energy in its variety of forms. This is why physicists and theologians alike have proposed that an all-encompassing and infinite field of energy and intelligence underlies all phenomena, including the Universe itself and all the matter, life and consciousness it contains. Scientists refer to it as the unified field; theologians know it as God. Under two different names, both are referring to an ultimate holistic system of systems.

The experimental evidence provided by science, and the experience of our own lives, demonstrates to us that specific energetic relationships bring about the manifestation of specific forms of matter, specific forms of thought, specific states of being, and so on. Therefore, if we can come to a better understanding of the language of form—which is the language of relationships—we should be able to bring more desirable states of reality into being.

The Heart of the Matter

The questions we must now consider are: Where is it that our consciousness interfaces the experiential worlds of physical reality and mental reality, the worlds of matter, mind and meaning? Where is it that we ultimately attempt to reconcile our thoughts with our experience of the world we perceive 'out there'? It is, of course, in our heart—the control centre of emotion, the part of us we refer to when making all our most important decisions and judgements, and the part of us with which we experience the most intense sensations generated by any reality we might encounter.

Without reference to our heart, both our minds and our bodies can quickly become unhooked from reality. The moment we ignore the feelings in our heart, the signals we receive and generate start to become incoherent, and sooner or later we begin to function in way that is destructive both to ourselves and our environment.

We all know the major role the heart plays in keeping our body functioning, but few of us realise that the heart also secretes a

powerful peptide hormone (ANF) which affects various regions of the brain including the hypothalamus and the pituitary gland, which plays a critical role in the release of growth hormones to the body and the control of metabolic function. In esoteric traditions, the pituitary gland also enjoys special spiritual significance:

*"That which is termed the pituitary is the Seventh Seal, it is Holy and Divine. It possess within Itself that which is termed a hormone structure that, through desire, opens itself and lets the hormones flow through the brain and the mouth of the pineal which is the Sixth Seal, the door to the Seventh. In the flowing of these hormones, it activates another part of that which is termed the divine receiver, the brain, to allocate itself to accept a higher thought frequency called unlimitedness. The higher thought emerges upon the brain and, in the specified area, through the door of that which is termed the divine Seventh, fills the entire brain cavity with a different electrical frequency circuit."*⁶

Is it possible that the generation of specific signals—specific waveforms—in the heart activates higher functions in the brain and thus opens the doorway for consciousness to increase the range and quality of its experience?

We know that energy is information; so, logically, the place in the body where we find the strongest electromagnetic signal should be the most powerful source of information. Once again, we find that the heart is that source. Similarly, the heart generates the strongest sounds in the body.

As the heart ejects blood from its left ventricle into the aorta, the resulting pressure waves collide with their own echoes travel-

ling back down the aorta, creating a sonic interference pattern which radiates right through the body. When you stop the sound of breathing (by holding your breath), the heart's sonic pulse and its echo synchronise and resonate the entire body at a frequency around seven cycles per second⁷, the same frequency at which the Earth's electromagnetic field resonates. This pulse also gently vibrates the brain as it floats amidst the thin layer of fluid within the protective membrane called the *dura mater*, ordering the fluids inside the brain's ventricles.

Likewise, the electromagnetic waveforms generated by the heart are also distributed throughout the entire body, directly influencing our brain, the nervous system, the endocrine glands, and our immune system. By generating the right frequencies within the heart, we can quite literally bring it, our entire bodies and our minds into resonance with the Earth's own heartbeat.

Recent research conducted at the Institute of HeartMath in Boulder Creek, California, demonstrates that the E-motion we call love is the most beneficial one to hold in the heart for true health in body and mind. One paper from the Institute, entitled *ECG Spectra: The Measurement of Coherent and Incoherent Frequencies and their Relationship to Mental and Emotional States*, concludes:

"From the results obtained in this research, there is a correlation between the subjects' mental and emotional states and the frequency spectra of the ECG [electrocardiogram]. When the subjects sincerely felt love, care or appreciation, the spectra changed to a more ordered and coherent frequency distribution. On the other hand, when the subjects were in a state of frustration, worry or anger, the ECG spectra were disordered and chaotic. Heart frequencies create an electromagnetic field which is distributed throughout the body. The degree of coherence in the heart is the

When you stop the sound of breathing (by holding your breath), the heart's sonic pulse and its echo synchronise and resonate the entire body at a frequency around seven cycles per second, the same frequency at which the Earth's electromagnetic field resonates.

major determining factor for coherence in the rest of the body, suggesting the possibility that ECG frequencies have profound effects on overall health and well-being. Psychological evaluations confirmed that subjects who produced higher percentages of coherent ECG frequencies were better able to manage their mental and emotional natures and their reactions to stressful events in day-to-day life.⁷

The other important factor is that the influence of these signals is not limited to the area within our own bodies. When we generate love, the signals literally resonate and couple with the Earth's geomagnetic field and travel right around the world. They also radiate out into space and through time at the speed of light, and are recorded outside of space and time in the morphogenetic fields. As like attracts like via the morphogenetic fields, the more that we generate the coherent E-motion of love within us, the more easily and the more often that E-motion can be received and regenerated by other humans and other forms of consciousness. This is not mystical madness. Science is finally confirming what most of us already know in our hearts but usually fail to recognise or simply overlook when it suits us.

Now is the time to recognise that the emotions in our hearts, the thoughts in our minds, our actions in the world are recorded for eternity and are forms that inform and influence reality—not only our own, but everybody and everything else's as well. We may sense that our collective reality is headed towards an abyss on its present course, but just imagine how we could transform that

course simply by taking on the responsibility to strengthen love's signal within our own hearts and minds.

Now is the time to replace the 'sixties adage, "Turn on, tune in, drop out!", with a new one to help us through to the next millennium: "Tune up, turn on, wake up!"

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6. Yatri, *Unknown Man: The Mysterious Birth of a New Species*, Simon and Schuster, New York, USA, 1988, p. 212-7. Bentov, Itzhak, *Stalking the Wild Pendulum: On the Mechanics of Consciousness*, Bantam, New York, USA, 1977, pp. 33-36.
7. McRaty, R., M.A., M. Atkinson, and G. Rein, Ph. D., *ECG Spectra: The Measurement of Coherent and Incoherent Frequencies and their Relationship to Mental and Emotional States*, Institute of HeartMath, Boulder Creek, CA, USA, 1993.

(Note: For more information on the relationship between sacred geometry, energy, personal and planetary well-being and coherent E-motion, see: Daniel Winter and Friends, *Alphabet of the Heart—Sacred Geometry: The Genesis in Principle of Language and Feeling*, Crystal Hill Farm, Eden, New York, USA.)

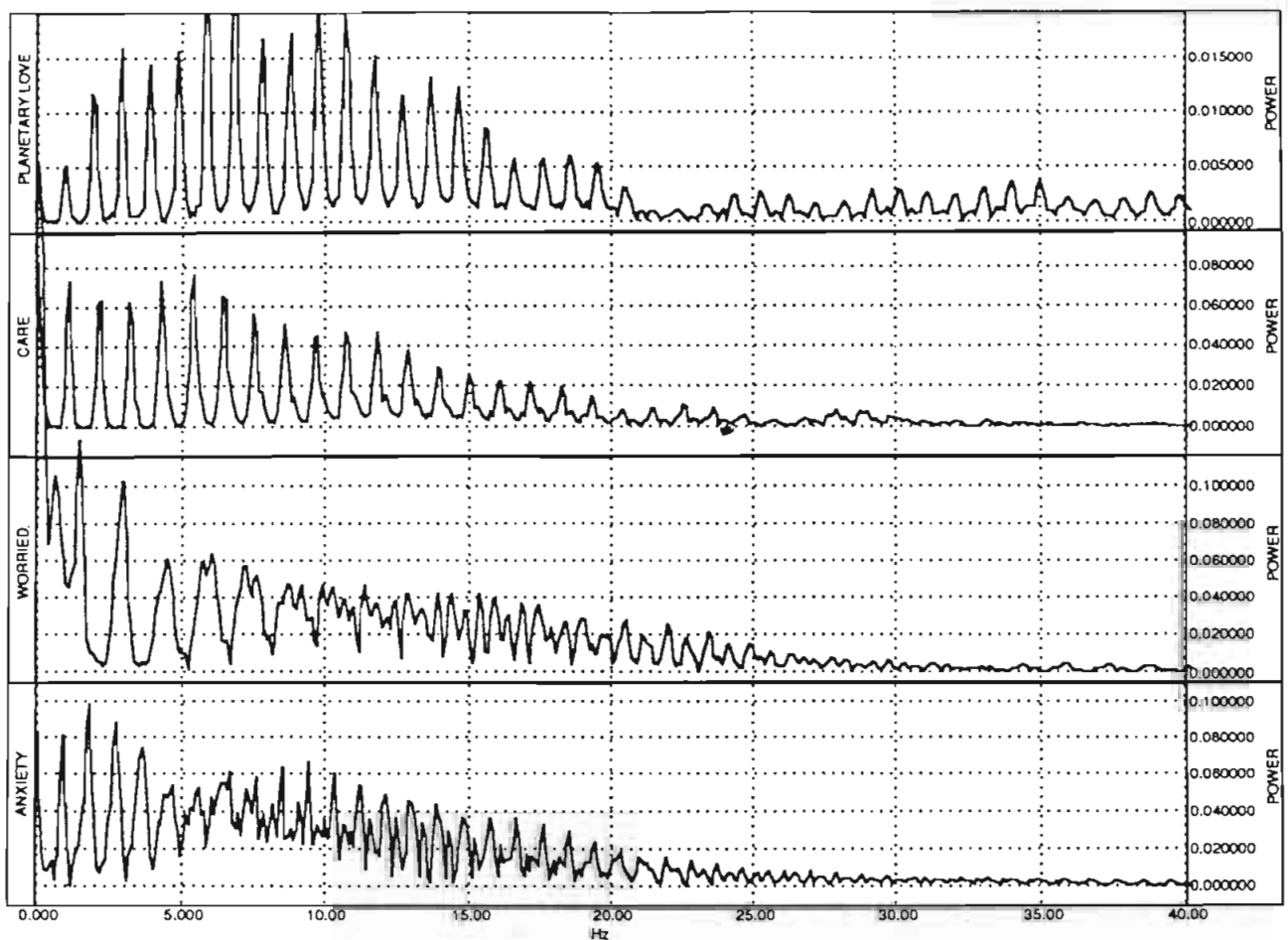


Figure 3: ECG Spectra of subject exhibiting different emotional states. The top two, planetary love and care, are coherent. As the subject changed states from love to worry or anxiety, the spectra became increasingly incoherent as shown in the bottom two recordings. (Source: Institute of HeartMath, Boulder Creek, California, USA, 1993)

Interview with an Assassin

For decades, even centuries, mind control techniques have been intrinsic to covert intelligence operations.

A former CIA assassin reveals his view of it all.

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Mind control is not needed to motivate assassins; it is, however, most useful to protect assassins and their employers from their own incriminating memories. In the course of researching this book, I talked with a number of retired intelligence personnel (from various government agencies) who had either committed assassination or admitted having heard tales of assassins in their work. Few had heard of an assassin being mind-controlled. One man I consulted, however, took a special interest in the stories of David and Castillo. A chemist who had worked for one of the intelligence research labs, he developed new ways for killing quickly and quietly. And he had met several of the killers who were to use his formulas.

Over a three-year period I talked with this chemist on a number of occasions. He came to trust that I would reveal no names and endanger no lives in telling the story of mind control. After hearing details of my research, he offered to introduce me to a man he had met while working at the lab. This man had been a high-ranking officer in the military, retired after thirty years of service. He had served as an officer in World War II and Korea. During the Vietnam conflict, because of his special knowledge of 'black science' he was induced to sign on after he retired from military service as a private contractor for the cryptocracy. During the next eighteen years, he accepted several simple assassination jobs. He told the chemist about some of his friends having come back from similar missions with "holes in their memories".

The chemist had arranged a meeting in a noisy public restaurant in a small New Mexico town. Having promised to take no notes, I had secreted in my pocket the smallest tape recorder made, which allowed me to record three hours of the assassin's talk, amid clanking glasses and the general restaurant noise.

When I finally sat across from him, my heart raced. The retired assassin was a sixty-year-old man, grey-haired but as strong as a man twenty-five years his junior. He had a .357 magnum revolver strapped to his side, as did the man he introduced as his bodyguard. As a cover for the guns, he and the bodyguard both wore National Rifle Association patches sewn prominently to the pockets of their crisply pressed khaki clothes.

The chemist had already informed his friend about the book I was researching. As we sat down and were introduced by first names only, I told the assassin I was especially interested in finding out why men had been returned to civilian life with amnesia.

I mentioned the ad I had placed and the number of men who had responded. I mentioned also that the majority of those who responded, and who had reason to believe their minds had been tampered with, had been enlisted men.

Career officers, he explained, were legally bound by security oaths and economically dependent upon pensions and the privileges of rank, but enlisted men, while perhaps bound by an oath, were likely to separate from the service knowing more than they needed to know. Somebody had to man the high-technology instruments of war, and those who were merely computer fodder had to be protected against their knowledge—they could not be trusted. Patriotism, especially during the Vietnam era, was a waning motivation. Their memories had to be erased. But, he explained, mind control was not needed to make a killer. Professionals didn't usually need to be motivated. Most members of search-and-destroy or "executive action" teams were already willing to kill men, women or children if their superiors ordered it.

I concluded that he meant a career killer didn't need to be debriefed by mind control. When I said that, he contradicted me. "You want to bet?" he said. "They'd all kill, but they might not be able to keep the secret. It would depend entirely upon what activities they were involved in, whether the assignment was combat, mop-up, search-and-destroy, political assassination, or whatever..."

"This debriefing is done in such a way, in many cases, as to cause actual memory damage. As things have gone along and progressed, the techniques have been smoothed out, but memory damage still occurs. In certain cases memory recall is so critical that they bend over backwards to be damned sure that you can't remember."

"Many of the things that occur are not as pretty as you'd like the public to think," he said.

"So you've witnessed many atrocities of war?" I asked.

"I don't call them atrocities," he countered. "I call them military actions. There's a lot of conflict of interest there—the politicians against the military..."

I let him rail a while about the evils of the government and then brought him back to my point of interest. "Okay, who killed JFK, RFK, King, and who was behind Bremer?" I asked. He didn't remember who Bremer was, so I explained that he was the man who'd shot Wallace.

"Oh, yeah," he said. "Bremer was just a kook. Wallace was shot just by a kook. But whoever got the Kennedys and King probably got a gold medal.

"We were set up to wipe Castro out. Kennedy interfered at the last minute. You want to take a guess at who killed him? Oswald was just a patsy. I've fired the same kind of rifle Oswald was supposed to have used. You can't rapid-fire that thing like he was supposed to have done. Now who do you suppose killed Kennedy?"

"Don't kid yourself. This country is controlled by the Pentagon. All the major decisions in this country are made by the military, from my observations on the clandestine side of things.

"The CIA's just the whipping boy. NSA [the National Security Agency] are the ones who have the hit teams. Look into their records—you won't find a thing. Look into their budget—you can't. For the life of you, you can't find any way they could spend the kind of money they've got on the number of people who're supposed to be on their payroll. Even if they had immense research and development programs, they couldn't spend that kind of money.

"The CIA's just a figurehead. They are more worldwide—like the FBI is. They're accountants, lawyers, file clerks, schoolboys.

They are information-gatherers. They've pulled a lot of god-damned shenanigans—I'm not going to deny that—but as far as intelligence goes, the NSA's far, far superior to them—far in advance in the 'black arts'.

"The CIA gets blamed for what NSA does. NSA is far more vicious and far more accomplished in their operations. The American people are kept in ignorance about this—they should be, too."

"In other words," I responded, "what you're saying is that the military is more dangerous to our democracy than the CIA or other intelligence groups?"

"The CIA gathers information, but the military heads the show. Look at how many former military officers work for the CIA. Look at how many former high-ranking military officers work for the multinational corporations. Can't you figure it out?"

"What are you suggesting, that there is an invisible *coup d'état* which has occurred in the United States?" I asked.

"Okay. There is a group of about eighteen or twenty people running this country. They have not been elected. The elected people are only figureheads for these guys who have a lot more power than even the President of the United States."

"You mean that the President is powerless?" I asked.

"Not exactly powerless. He has the power to make decisions on what is presented to him. The intelligence agencies tell him only what they want to tell him, however. They don't tell him any more than they have to or want to.

"You have to wonder at American stupidity. How much does it take to get people to wake up to what has happened? It's public knowledge that the CIA has falsified documents and given Presidents fake intelligence reports so that they can only arrive at one conclusion—the conclusion they want them to arrive at. The 'Pentagon Papers' revealed that fact.

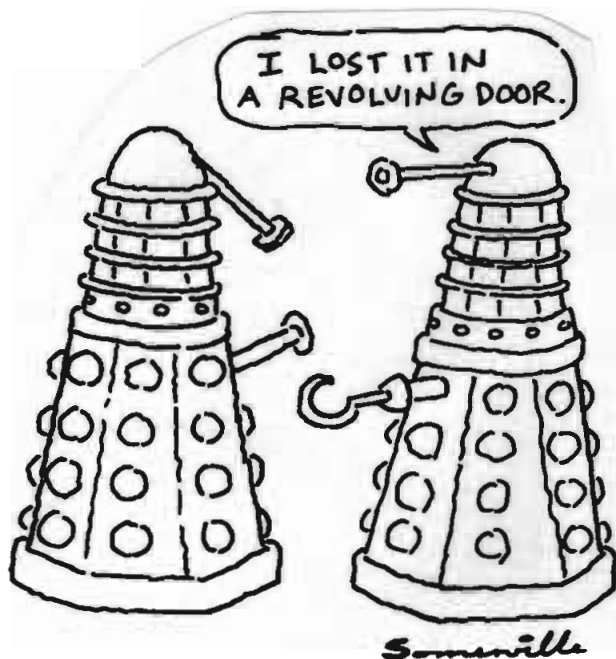
"What people don't know is that the global corporations have their own version of the CIA. Where they don't interface with the CIA, they have their own organisations—all CIA-trained. They also have double-agents inside CIA and other intelligence organisations who are loyal to those corporations—I mean where's the bread buttered? Would you rather take the government pensions, or would you rather work a little for the corporation on the side and get both government pensions and corporate benefits after you retire? Most men retire after twenty years, and they're only in their mid-forties, then they go to work for the corporation they've been working for while they were in government service. They get both the pension and the corporate paycheck that way!

"Together with what the corporations do on their own, they have a worldwide espionage system far better than the CIA's. There is a network of what amounts to double-agents—they do work for the government, and may appear to be government agents, but they are first loyal to the corporations. They report to those corporations on the government and on what foreign governments might be planning which would interfere with those corporations' foreign investments. These guys are strictly free enterprise agents."

"You call these guys contract agents?" I wondered.

"Oh, no, no, no. Take, for example: we develop a new death ray. We've got all the security the government can think of on it. We've got the best security in the United States on it, which is tied for second place for the best security in the world. Tied for first place are the Russian and Chinese security systems.

"Now even with all this security, before FOCI [First Article Configuration Inspection, the government's check-



ing system on the manufacturing of military hardware] on a government contract, that death ray is up for grabs in every nation in the world. Any amount of military security can't keep it secret."

"What you're saying," I interrupted, "is that American people are selling secrets, wholesale, to the highest bidder? That is to say, I assume, if the highest bidder is an American company?"

"And even if it's not," he said. "Usually it is another nation. I've dealt with weapons and usually the nation that wants it most will pay the most for it. Once in a while these companies, these government contractors, will find that someone has stolen one of their secrets and there'll be a big flap. But the big boys that are in the military are an entirely different ball of wax: the big guys get away with it."

"When one of these companies finds someone inside it that's selling secrets, they take him on a fishing trip, a boat ride, and get rid of him. It's quite common," he said. "For example, if I was tied in with one of these companies where money is no object and they wanted me to get rid of you, I'd obtain a passport or a duplicate passport with your smilin' face on it. After I'd obtained it, I'd put whoever's face on it I wanted. Then after we dumped you, that 'someone' whose face was on your passport would take a trip to Australia."

"Later, your friends or family would notice you were missing and people would begin to inquire as to your whereabouts. Eventually they'd check with the Australian customs who'd say, yes, this guy entered the country on such and such a date. By then the guy who'd travelled over there on your passport would have already come back on his own, and as far as the best detective could tell you've gone to Australia and you've never come back."

"What do you know about the military or the intelligence agencies' use of pain-drug hypnosis?" I asked.

"They used several different things. I've seen, actually seen, guys coming back with blanks only in certain places of their memory. Let's say that I know positively, not by hearsay, that it's done."

"You've seen it?" I asked.

"You'll never get me to admit it," he grinned.

"Well, how is it done?" I asked.

"They use hypnosis and hypnotic drugs. They also use electronic manipulation of the brain. They use ultrasonics, which will boil your brain. When they use hypnosis, they'll at the same time be using a set of earphones which repeat, 'You do not know this or that', over and over. They turn on the sonics at the same time, and the electrical patterns which give you memory are scrambled. You can't hear the ultrasonics and you can't feel it unless they leave it on—then it boils your grey matter."

Unless the assassin had done the same research I had, he could only have known this through first-hand experience. The CIA documents released in 1976 revealed that ultrasonic research was undertaken for a period of more than twenty years. But the documents said that the research had stopped, so I asked him about that.

"Yeah. The research has stopped. They've gone operational. It ain't research any more. They know how to do it," he said.

"Do you mean that it is your opinion that it hasn't stopped, or do you mean that you know it hasn't stopped?" I asked.

"I mean I know it hasn't stopped," he said. "For example, suppose that a dictator in some South American country is setting up

real problems and we try to kick him out. We call in some of my former group and say, 'Look, the bastard has got to have a fatal accident, and it's gotta look good—like he fell on a bar of soap and broke his neck in the bathtub or something.' So we go down there and get the job done."

"But it could be quite embarrassing if any of the guys were cross-examined about where they'd been and what they'd done... So the guys who were in on the job suddenly have a cold or something, and they are put in a hospital for maybe just a routine checkup. They come out of the hospital in about fifteen days. They're alive. They're well. They're healthy. And they're happy, too. Lots of luck if you question them: they don't remember anything."

"That's one way it's used. The other way is to use it to improve memory—say, with couriers. You want a secret message carried, outside the chain of command."

There's no need to have it carried by a person if it's a legal message, because the military's got a thousand ways of sending messages which are unbreakably secret. But if it's outside the chain of command, as so many things are these days, if it's an illegal message—and our Constitution doesn't permit us to do much that is legal—then you have a hypno-programmed guy carry the message. You improve his memory so that he can carry an entire coded book of what

"You improve his memory so that he can carry an entire coded book of what appears to be gibberish, ...you give him amnesia and seal off that message by a post-hypnotic code-word, and whammo! You got a real good secret courier, because he can be tortured to death but he can't remember."

appears to be gibberish, and when he's got it down you give him amnesia and seal off that message by a post-hypnotic code-word, and whammo! You got a real good secret courier, because he can be tortured to death but he can't remember. Unless the proper cue is uttered.

"Then if the courier is going to operate against the enemy, who might have the techniques of hypnosis down, you give him several layers of post-hypnotic command. In the first layer, he'll confess a false message. In the second layer, he'll confess another different false message. Finally, maybe on the fourth or fifth layer is the real message."

"Our guy who is supposed to get the message knows that the first three cues, say, are fake, and he gives the fourth cue and out comes the correct message. If the courier was in enemy hands, he could be there for years before anybody will figure out where he was in all those layers... Each identity will probably be that of a real 'cut out'—a person enough like him, so that the enemy will think that they've got the real guy."

"Many of the men in my unit were given assignments, after which they were so 'persuaded' that they didn't remember anything. I mean to say, they'd gone in believing that the only thing in life that meant anything to them was completing the assignment—to get it done—and when they got done with it they couldn't remember anything about it."

"Could these guys have been that way without hypnosis?" I asked.

"Well, they could have believed that their mission in life was that particular assignment. They usually had no family affiliations, no friends, nothing but their careers. But I don't think they'd have forgotten about those kind of assignments. Not without a little help, let us say."

"What was the conditioning that these guys had? Was it drugs, hypnosis, or something else?" I wanted to know.

"Hypnosis, electrotherapy, programming them by tapes, by voice-over earphones, awake or in trance, or asleep. By a number of methods."

"How widespread was this mind control?" I asked.

"Well, it was—well, that is something I can't really answer. I know of several different groups upon whom it was used. I know that it was used in some of the hairier areas of Korea and Vietnam, and it was started in World War II, but it has been refined far more since then. How much of it was used, I don't know. I know of several groups that I was affiliated with that had it used on them."

"Would you say this kind of thing did not exist before World War II?" I asked.

"Oh, it did. But it was not in such a sophisticated form. It's as old as man, but now it is refined to an art. Before, it was torture and psychological pressure—that can accomplish a lot. We've been trained to use it in primitive field situations. But now it's done with the idea that the mind can be put under complete control. Just like they used to use rubber hoses at the police stations. They don't do that anymore. Well, rubber hoses still work, but they don't work as well as some other things which the police now have."

"Are you saying that the police also use mind control?" I asked.

"At the highest levels, yes. The FBI certainly uses it, and they, of course, give a lot of help to the local police. There are certain areas of the brain which control your inhibitions. When they control those centres, then the subject will go on with his assignment regardless. I've seen men whose mother could be sitting there having coffee, and if they'd been instructed to kill her, they'd walk right in and shoot her, and it wouldn't even upset their appetites for supper. They were conditioned to do it in such a way that they have no guilt. They wouldn't have guilt because after they were through they wouldn't even remember it."

"Let me tell you something: the cheapest commodity in the world is human beings. Most assassins don't need to be programmed to kill. They're loyal to command. They're conditioned, first by the circumstances of their own early life, then by a little 'loyalty training'. The command is their only justification for living. It is also their only protection once they're into it..."

"When I came out of the service and went to work for the government, I had a colonel assigned to me as a bodyguard. When he retired, I hired him," he said, pointing to his bodyguard. "He's still with me, and that's why we have these..." He pointed to the .357 magnum—the most powerful handgun in the world—strapped to his side in plain sight.

"Who're you worried about? The Russians? The Chinese?"

"Well, I'll tell you. You can damned near put a pin in the map anywhere you want. I got into military security before the Second World War. I was just a kid. Over the years I was assigned to thirty-two different countries. So you can draw your own conclusion."

"But what you've been talking about is a political action, not a military one. How, then, as a military security man did you get involved in political actions?"

"Well, suppose there were countries that were doing technological research on things which could be injurious to the welfare of the United States. I'd be one of the guys assigned to destroy those scientists who were involved in the research. That was with

friendly and unfriendly governments. So, naturally, if they found out that I was in on it, even now, they'd come after me.

"In other cases I was involved in knocking off some dictators. Then we'd change the people's voting ideas when they had to elect someone."

I returned to the main thread of our conversation. "Okay now, since we have this mind-control technology, what is to keep the guys in the cryptocracy or the military, as you maintain, from programming Presidents as soon as they take office, or immediately after they get elected?"

"I have always wondered about Nixon," he mused. "He was very pro-military. He gave them just about everything they wanted in the world. But he wanted to create a monarchy with himself as king. And, slowly but surely, he tried to take over the military and the CIA through subordinate officers who were loyal to him only."

"All you hear about are left-wing conspiracies to overthrow our government. You never hear about right-wing conspiracies."

"Well, some of these right-wing groups are far more dangerous than the left wing. The left wing's mostly kids with dreams. The right wing is usually retired military. They're hard. They're trained. They've got arms. But if the right wing took over right now, there would be just a military dictatorship, and the military

would find that its best plans were not upset at all. I'm saying if a dictatorship took over. Hell, we've got one right now, but it ain't overt, it's subtle."

"You mean those twenty men you were talking about?" I asked.

"Yeah... If the people of this country actually knew that, they would say 'no' the next time they were asked to go to Vietnam. We need the people behind us to fight a war, and if they knew the true facts, who's running things, there wouldn't be the following we'd need to defend the country. That fact alone keeps the sham of politics and 'free elections' going."

"If that is the case, then the results would be different?"

"Yes. If people knew they had a dictatorship. Have you ever heard of a factory slowdown, a strike? Well, Russia has run up against the problem, and so have we in supporting the foreign dictators we support. The American people, like most people, have to feel that they have some right, that they're the 'good guys'. This is the reason we have never lost a war and have never won a peace."

"You've got to maintain the sham of freedom, no matter what. It wouldn't make any difference what party is in charge or whether it was the elected government or what you call the cryptocracy running it; from an operational sense, the government would operate as it presently is. From the point of view of people paying taxes and defending their country, well, we found in Latin America that people won't fight if they think that they have a dictator who is just as bad as the enemy who is attacking."

"That's probably why it would be fairly easy to take over the Soviet Union, short of nuclear war. The Soviets could probably be convinced by psychological warfare that their government is certainly a lot more evil than ours. And if we went to war with them we could eventually win—that is, until the H-bomb started to fall, then nobody'd be the winner."

Changing the subject, I asked, "What area of the military were you involved in?"

"Don't kid yourself. This country is controlled by the Pentagon. All the major decisions in this country are made by the military, from my observations on the clandestine side of things."

"I don't think I ought to answer that. Let's say there was a group which first sought to solve problems politically. If that didn't work, then there was another group which went in and tried to buy solutions. If that failed, then my group was sent in to be damned sure things were accomplished the way we wanted them to be."

"So you were operational, and not research at all?" I asked.

"No. I had been in the lab for a long time. The knowledge edge I developed was very valuable in an operational sense. I was put into the field because of this knowledge."

"You're talking about pretty sophisticated equipment, not commando stuff?"

"Right. For example, I won't say the name of the country, but it was a South American country. We had a leader that we had supported there who suddenly got the idea that he was going to go off on his own. They tried to reason, negotiate, buy off his affections. When all that failed, my team was sent in to correct the situation."

"We went in very quietly and left very noisily. We went in as tourists, but the important material we brought in was the turning point. Let's say we couldn't reason with the man anymore. We were there about six days, and the problem disappeared. Not many bodies, just the important ones."

The assassin was very specific telling about some of the jobs he'd accomplished. Several included actions taken against a well-known political figure—that, the assassin said, was the only assassination he'd ever 'blown'. His rifle malfunctioned at the critical moment when he had his target in the crosshairs of his sight.

I cannot say that I had originally believed the assassin's claims, but after running the Psychological Stress Evaluator on all the critical portions of his interview, and finding no areas which unexpectedly or inexplicably produced stress, I believed that the assassin was telling the truth. The newspaper office he had mentioned

was bombed when he said it was, but he could have gained knowledge of that from newspaper reports. The target of his unsuccessful hit was subsequently 'taken care of' in another way which did not cost him his life.

The assassin concluded the interview with a chilling prophecy. Jimmy Carter was then a candidate for the presidency.

"I'll tell you something right now," the assassin said. "You've got a man running for office that is expressing the same god-damned philosophy John Kennedy had. Now he could be saying this stuff just to get elected. Matter of fact, if you look into his background, you find that he was a good naval officer. He had top security clearance. He was trained by Admiral Rickover who, he said, had a strong influence on his life. Taking this into consideration, you can assume that he's a loyal member of the old boy net, so he probably will make a good figurehead President for those in power."

"But if he ain't an old boy and if he does believe all those things he's been telling the voters—if he tries to implement those reforms he's talking about, well, it's not a question of whether he's going to be snuffed, it's only a question of when or where."

The assassin confirmed many of my own conclusions which had been based only on research: that an invisible *coup d'état* had taken place in the United States; that the CIA is only the tip of the cryptocracy iceberg; and that ultrasonic and electrical memory erasure was used to protect 'search-and-destroy' operators from their own memories. I had some indication that the cryptocracy had investigated such techniques (a 1951 CIA document had briefly cited the need for such research), but the assassin's disclosure that the cryptocracy had developed invisible forms of sonics and electronic stimulation of the brain for mind control sent me back to the libraries.

The Lies of Unleaded Petrol

*Oil companies
convinced us that
unleaded petrol is
safer for our health
and environment
than leaded petrol.*

*By their failure to
disclose all the
facts, we have
been seriously
conned!*

Part 1

Compiled by Catherine Simons

from articles by

Peter Sawyer
Graham Allum
Simon Grose

The very terms "leaded" and "unleaded" are misleading. They give the impression that "leaded" petrol is contaminated with something nasty, namely lead, while "unleaded" is somehow pristine, pure. Whilst it is true that "leaded" petrol contains lead, and lead is not a nice substance to have spewing out of the exhaust pipes of millions of cars, the truth is that unleaded petrol has even nastier properties. Let's start at the beginning.

When internal combustion engines were first developed for the automobile, they ran on a substance known as "motor spirit". By today's standards, motor spirit was an exceptionally "clean" fuel; properly burnt in an efficient engine, the main exhaust products were water vapour, carbon dioxide and some trace carbonic elements and particles. There were two main problems with motor spirit. First and foremost, it was a highly refined product which cost the oil companies far more to produce than what they wanted to spend, or what they thought they could charge if the automobile was really to take off in a big way. Secondly, the original combustion engines ran at very low compression ratios compared to today. As the vehicle manufacturers strove to produce ever faster, more powerful engines, they gradually raised the compression ratios, as this is one of the easiest ways of gaining more power from any given-sized power plant.

So, for a period, these two problems developed side by side until they eventually collided with the development of the V-8 engine. On the one hand, fuels were becoming less and less refined, and therefore more contaminated with products that adversely affected engine efficiency. On the other hand, power plants were being developed which employed ever higher compression ratios and required ever more exacting performance from the fuel used. With the advent of the high-compression engine, a point was reached where cars would not run satisfactorily on the product being supplied by the oil companies. An engine under load would develop a condition known as "pinging", where the fuel mixture would explode due to compression before the right time, causing rough running, stalling going up hills, and so on.

There was only a shortlist of answers. Vehicle manufacturers could go back to designing low-compression engines, the oil companies could go back to producing a highly refined product, or something would have to be found that could be added to stop the fuel pre-igniting. The first choice was unacceptable to the manufacturers. They had long since embarked on a marketing strategy that demanded ever bigger, ever more powerful power plants every year. Nobody was prepared to take the risk of producing a less-efficient, less powerful engine than the one offered the year before. The second choice was unacceptable to the oil companies. They had perfected the technique of producing a fuel with a minimum of refining, that could still be burned in engines, at such a low price and in such quantities that they were well on their way to becoming the richest, most powerful companies on Earth. They had no intention of greatly increasing the cost of their product, thereby turning many people off the "advantages" and "economy" of owning their very own car.

The third choice was the only acceptable one. All that was needed was to find some product, something that could be obtained cheaply, that could be added to petrol to reduce its tendency to "ping" under compression. Common lead was found to have all the right properties, and so "leaded" petrol was born.

By the late 'sixties, supplies of high-grade, low-sulphur, low-nitrate oil were becoming scarce enough to command premium prices. This type of oil was favoured by the petroleum producers, since removing these contaminants to an acceptable level is difficult and

costly. The companies were refining increasing amounts of the cheaper, high-sulphur, high-nitrate oil, but using the same old processes. This in turn led to ever higher levels of sulphur dioxide and nitrogen oxide in vehicle emissions, and people were starting to complain—if not about the environmental effect, then at least about the smell. The smog banks over the bigger American and Australian cities during this period were not, as most people believe, the result of so many more cars on the road, although this, of course, was a contributing factor. The main cause was the vastly increased levels of sulphur/nitrogen oxides in the vehicle emissions because of the higher levels of contamination in the fuels themselves. The oil companies were once again faced with the dilemma of cleaning up their product or finding another solution that did not affect their profits. The chemical theories and practices of catalytic conversion had been known for many years.

It had always been known to the oil companies that they could use these processes to further refine their petroleum products. This, however, would have meant major upgradings of their

refineries. Far better if they could get somebody else to foot the bill. Even better if they could get somebody to meet the cost of total responsibility for all the oxides.

In the 'fifties, a lot of work was done trying to utilise the CO₂ from such fixtures as coal and oil electric power stations to increase plant growth. These efforts failed because of the harmful effects of the concentrations of other pollutants in the exhausts. These were principally the same sulphur/nitrogen oxides. At the time of these experiments, it was discovered that passing the exhaust gases through a filter of platinum caused a catalytic conversion of the oxides to other products which could then be prevented from escaping into the greenhouses used for food production. The problem at the time was that it was not economically feasible to do this: platinum converters are very expensive things, and they do eventually wear out and require replacing. There was an added problem that the eventual by-products were in many cases even more harmful than the original oxides. This information then remained unused for some decades.

LIES, DAMNED LIES AND STATISTICS

"It's a trick," said Barry Carbon, Director of the Commonwealth Environment Protection Agency.

He was looking at the table of US figures on blood-lead levels and lead in gasoline (Table 1) which was used at last July's Lead Roundtable, chaired by then-Environment Minister Ros Kelly and attended by her state counterparts and industry representatives.

He called it a trick when he was shown, for the first time, another table which showed the long-term relationship between US blood-lead levels and lead in gasoline (Table 2).

Table 1 shows what appears as a clear link between lead in petrol and blood.

Table 2 was not presented to the meeting. It is the full story from which the 1976-80 section was lifted to produce Table 1. The full story shows that lead in blood has declined continually, unaffected by a marked rise and fall of lead in petrol.

Professor Roger Perry, Professor of Environmental Control and Waste Management at London's Imperial College of Science, Technology and Medicine, says, "The whole issue of lead in petrol has been misrepresented by scientists and by the Press."

"The rise and fall of lead levels in blood is related to a whole range of phenomena—lead in paint, in water, in dust, in solder, food canning, and the like—and it is very easy politically to ignore these major sources.

"If you look at the graph relating to blood leads, it has no correlation whatsoever with the changing levels of lead in

petrol. It is food industry and water supply."

One source of lead in children's diets has been the solder of baby food tins and other canned goods. One industry estimate is that the amount of lead in Australian baby-food cans has declined to about 20 per cent of what it was 15 years ago. Such sources of orally ingested lead are recognised as being of much greater significance than airborne lead. Recent Australian research bears this out and shows that airborne lead is very unlikely to cause an Australian child's blood-lead levels to exceed safety levels adopted by the National Health and Medical Research Council.

None of these high lead levels was linked to airborne lead.

(Source: Simon Grose, *The Canberra Times*, 26 March 1994)

GASOLINE LEAD vs. BLOOD LEAD FOR USA

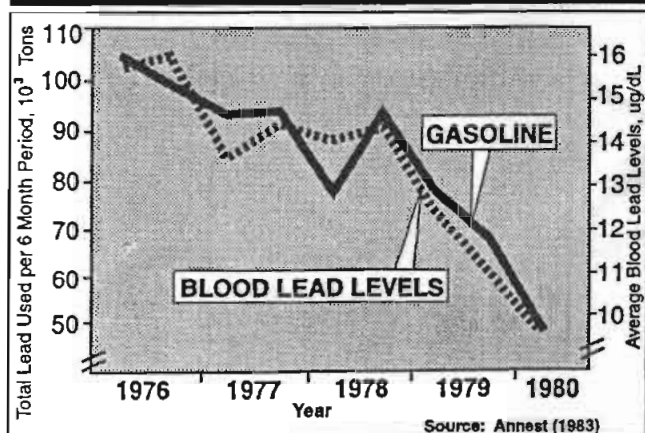


Table 1: This table appears to show a strong correlation between blood-lead levels and lead content of fuel in the US.

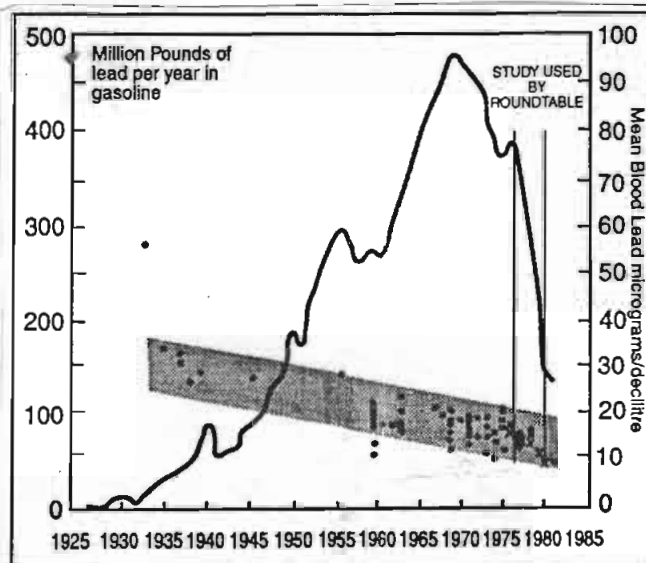


Table 2: The dots in the shading cover about 76 studies of blood-lead levels. The 1976-80 section was used to produce Table 1.

THE BIG CON

Eventually the blankets of sulphur and nitrogen oxides, better known as smog, grew so thick and so unbearable that "public opinion" caused America's legislators to start looking for answers. Obviously the place to start was with the oil companies. The oil companies announced quite loudly, and mostly erroneously, that the problem was "so many cars".

There were only two solutions, they said: either limit the number of cars, or put something into the cars to "change" and limit the emissions. Was such a thing possible, asked the legislators? Certainly, replied the oil companies. Let us tell you about "catalytic converters" which can be fitted to the exhaust system of every car.

The legislators, although they toyed with the concept, were not about to try and seriously interfere with people's rights to drive motor cars. Such action was perceived as electoral suicide, especially when there was the alternative "magic bullet" solution of converters available. Neither were they about to listen to all the "extremists" who were trying to tell them that the problem was in the type of oil being refined in the first place, and the only long-term solution was to get the oil companies to clean up their act. Such people contribute very little to election campaigns; the petrol chemical giants contribute millions. There was only one problem left for the oil companies. Unfortunately, while platinum doesn't react to any great degree with the products of burnt petrol, it reacts very readily with lead—so readily, in fact, that burning a single tankful of "leaded" petrol in a car with a catalytic converter will render the converter useless. (This is the reason it is illegal to put "leaded" petrol in the fuel tank of a car designed to run on the "unleaded" variety.)

Trouble was, the oil companies couldn't simply stop putting lead in petrol, because the original reason for its presence—to stop

"pinging"—still existed. There were available alternative additives that could be used, but these all had the disadvantage that, untreated, they produced emissions far more deadly than even the lead. On the plus side, however, these emissions could be filtered out by catalytic converters. What was needed, then, was a campaign to convince people that "leaded" petrol was a grave danger to the environment, and that the only solution was to cease using it, replace it with the "unleaded" variety, and then run the emissions through a catalytic converter. Such a campaign would ensure that legislation was passed forcing the fitting of catalytic converters, which would overcome the original problem for the oil companies—the increased levels of sulphur and nitrates in their fuel. You see, the campaign never had anything to do with lead: it was simply a matter of convincing people to use a fuel that wouldn't wreck the converters, so that the petroleum companies didn't have to spend any more money refining the oil and could get away with selling a dirtier product, forcing the motorist to bear both the responsibility and the cost of trying to clean up the air.

Anybody who doubts it was the quality of the petrol rather than the number of cars which caused the massive increase in smog in the period in question, need only look to actual figures. While it is true that the number of cars in use was increasing, the rate of increase was fairly steady. At the height of the "smog wars", however, the levels of emissions were increasing at nearly four times the rate of growth of car ownership. On top of that, this was the period where petrol was starting to get more expensive, and "economical" engines were becoming the order of the day. That is, although both car ownership and petrol consumption were on the increase, rate of ownership far outstripped rate of increase of consumption.

(Source: Peter Sawyer, *Green Hoax Effect*, Groupacumen Publishing, Wodonga, Victoria, Australia, 1990)

— HEALTH RISKS FROM ULP! —

As you are aware, we have been told that our old cars must go because of their 'dirty' exhausts, in particular the lead issuing forth and causing great public health problems.

Dr David Warren was the guest speaker at the quarterly meeting of the AOMC (Vic) on 28 February 1994. Dr Warren is a retired Research Scientist for the Department of Defence and was the Energy Resources adviser to the Victorian Government back in the early/mid-'80s when the ULP debate was gathering momentum. Here is a condensed summary of Dr Warren's address.

ENTER LEAD

"In the early 1920s, a fellow called Thomas Midgie was looking for something to combine with the free radicals to stop 'knocking'. He found that things like platinum, silver and lead were able to hold these free radicals. Midgie figured that if he could get lead oxide spread through the mixture, sooner or later the free radicals

would bump into a bit of lead oxide, which forms lead dioxide, as lead has four bonds, but that breaks down to lead, Pb, and oxygen, O₂, but slowed down the reaction.

"In searching for a way to get the lead spread through the mixture, Midgie found a compound called lead tetraethyl which is similar to the combinations in the groups making up petrol. The first good thing about it is because it is like petrol, it is soluble in petrol. The second is that it vaporises like petrol, which means that the lead tetraethyl is dotted around in the mixture. The third thing: it breaks down to lead at upper cylinder temperatures, lead atoms spread around and the ethyls are let go. Then the lead does its job, combining with the free radicals and slowing down the reaction.

"Midgie's research took the octane number from 50 to 65; then research at the refinery introduced crackling reforming and improved the octane number past 89; then, with further developments and money, they got the octane number up to 110 for aviation fuel.

ENTER THE GREENIES

"Clean up car exhausts' was the cry. By 1975, lead was being reduced in petrol because lead is a poison—that is a general statement; however, to get the fact exact you should say lead is a poison when it is absorbed into the body.

"Now, the fact that lead is a poison if absorbed, does it follow that the lead in our bodies is from the lead in petrol? That was the debate in the early '80s. There were a large number of contradictory reports in the papers, and the National Energy Advisory Committee reported 'no single case of clinical lead poisoning has ever been demonstrated to be due to automotive emissions of airborne lead'.

"There were tests and arguments all over the world. In Frankfurt, the government decided they would cut the lead in petrol from 0.4 to 0.15 grams per litre, about two thirds. Now if the lead was a problem, it should have an effect on the community. If petrol is causing part of the lead in the community and you cut it by two thirds, any scientist knows it must have an effect,

— HEALTH RISKS FROM ULP! —

otherwise it had nothing to do with it.

"The nett result: 'Since the changes observed are only of the order of statistical scatter (that is, you would never measure anything and get the same thing twice), this indicates that lead from petrol did not contribute to uptake by ingestion through significant deposition on food and utensils as has been suggested. If it had done, greater and continuing decrease in blood levels in the community should have been observed.'

"In other words, they measured nearly a thousand people over a five-year period and there was no change at all despite cutting the lead content in petrol.

"In London we had Professor Lowthur of the University of London pointing out that the lead that comes out of the exhaust has been baked at 2,000-3,000° Centigrade, like a house brick, but so small that you need a microscope to see it. It doesn't get absorbed through the lungs and doesn't even dissolve in the diluted hydrochloric acid of the stomach.

"It appears that the lead in the air is not the source of the lead that is observed in the community.

"Besides, you can measure the lead coming out of the cars and it settles. You measure it as grams per cubic metre at the edge of the road, but if you go back ten feet it is less because it's very heavy dust. Even though it's very small particles it is very heavy."

ENTER THE POLITICIANS

(In 1983 Dr Warren was the scientific adviser to the committee for Energy Resources.)

"The question came up: 'Will we ban lead in petrol?' The real question was will we have ULP? The real reason for ULP was that people wanted to fit catalytic converters on their cars to get rid of the nitric oxides, carbon monoxide and unburnt petrol that came out, but the lead spoilt the catalytic converters. That was the reason that the rest of the world gave up lead in petrol. The other countries banned it to bring in converters; we banned it because we think it's dangerous.

"So I (Dr Warren) prepared a speech and convinced the Committee—about a dozen people from both parties—that lead didn't need to be banned and that we didn't need lead-free petrol because the evidence wasn't there.

"I prepared a subsequent speech presented to Parliament by the then-State Member

for Ballarat. At the same time there was a paper from Dr Bell, the Director of Health of the New South Wales Government.

"Dr Bell asked what was going to be added to the petrol to raise the octane number if the lead was removed: 'If the lead is taken out, you have to add other things to run them in our cars; we put in benzene, toluene, xylene, dimethylbenzene or mesitylene. They're all ring compounds and the dangers are that some of them are declared carcinogens and the others are suspected carcinogens. We're going to cut lead even though there is no proof that it

"In fact, this stuff appears to be so dangerous, potentially lethal, that I urge you not to use it in any car not fitted with a catalytic converter.

Don't use it in your mower, chainsaw, whipper-snipper or outboard motor, and don't wash parts in it. If any gets on your skin, wash it off immediately.

Avoid the fumes when refuelling and don't allow anyone near the exhaust, particularly when the exhaust system is cold."

does anything wrong, and we're introducing substances which will ultimately be affecting the cancer rates in our country.'

"The answer was: 'We have converters and they will destroy them', but we all know that converters don't work until they are hot—about the first three miles or so—and every time you fill up, the vapours are coming off.

"Now when the speech was delivered to Parliament, there were only two people listening: myself (Dr Warren), to see that he got it right, and the Member giving the speech. It seems that the prevailing attitude was: 'Don't confuse us with the facts; our mind is made up, the people want it and that is where the votes are.'

"Nobody listened to that speech because it was party policy: both parties said, 'No, we've decided—it doesn't matter what the man says; go and have a drink at the bar and when the bell rings we'll come in and vote'—and that's how it was decided!"

ULP HEALTH RISK

Even at that stage, Dr Warren had found that the lead problem was highly overstated and that the potential hazards from the aromatic octane enhancers—like benzene—were greater than the perceived lead problem.

"In fact, this stuff appears to be so dangerous, potentially lethal, that I urge you not to use it in any car not fitted with a catalytic converter. Don't use it in your mower, chainsaw, whipper-snipper or outboard motor, and don't wash parts in it. If any gets on your skin, wash it off immediately. Avoid the fumes when refuelling and don't allow anyone near the exhaust, particularly when the exhaust system is cold. Remember that catalytic converters don't work until they reach some 400°C."

In Britain, this risk is so clear that the National Society for Clean Air has removed their support for ULP!

Dr Warren's research showed that the lead in blood comes not from breathing airborne lead but from eating and drinking it—that is, principally from soldered food containers, lead-based paints and lead pipes.

In fact research showed that the blood lead levels were higher in country people drinking bore water, such as the New Guinea highlanders and peoples on remote islands, without motor vehicles than in blood samples taken from those living in the heart of Melbourne.

ALTERNATIVE

You will recall in the past I have referred to a device invented by Mr A. Bodycomb. This device would do essentially the same job as a catalytic converter, that is, remove carbon dioxide and unburnt fuel from car exhausts, but it would also remove lead—so there would be no need for ULP!

This device was tested in the early '70s, but those testing it seemed conveniently to forget the test results later, favouring instead the dry converter that we now have.

Mr Bodycomb lives in Melbourne and even now cannot get anyone interested enough to have a look at it.

(Source: Extracted from an article by Graham Allum, published in *Restored Cars Magazine* #104)

Part 2 of this series will explore in more detail the health dangers of unleaded petrol and catalytic converters.

TESLA ELECTRICITY GENERATION EXPERIMENT

by Anthony Hansen

Ninety-five years ago, near Colorado Springs, USA, a strange device was connected to the Earth. It was a large electrical machine which, at its highest point, was 167 feet tall. Part of the device was 50 feet in diameter. The complete machine was kept in a wooden building specially made for it.

When the device was switched on, bolts of lightning would jump from a metallic ball 30 inches in diameter and 167 feet from the ground, straight up to the sky. A spectacular demonstration of energy, no doubt it would have impressed the people of Colorado Springs.

The man who designed and built this strange device was Nikola Tesla (1856-1943). Tesla is perhaps best remembered for the AC power system which was first used at Niagara Falls and is now used in virtually every country. He is not well-known for his Colorado experiments.

According to Tesla, the device was constructed to prove his theory that electricity could be taken from the Earth—in other words, a previously unknown source of power could be extracted from the Earth and put to use. It seems that Tesla was successful but the system was never put into use, much to Tesla's disappointment.

It appears that some experimenters did try to build these machines but apparently to no avail. Some even complained to Tesla who usually replied by saying, "Well, it is not my fault if you cannot build my machines; it just means that you are electricians of the ordinary kind." Sometimes he answered by saying anyone who has the same ability as he, can build them. As there are very few people like Tesla, this seemed a formidable task. But after careful consideration it occurred to me that Tesla had left more than enough clues how to build this equipment, and that most of the material necessary to build one of these devices was available.

I then decided that I would attempt to build one of these devices. Now the first

thing to do, it seemed, would be to make out a list of materials required. Copper wire and cable, condensers, step-up transformers, mechanisms for breaking or pulsing the system, insulating materials and many other things. There was also the need to decide what length of wire might be necessary to tap into the Earth. Tesla usually wound his coils to quarter wavelengths and stated that a certain length was needed to tune in. If it was shorter, the frequency would be too high and it would be impossible to draw out energy.

Having decided to use a certain length of secondary wire, I then turned to the next consideration which was the size of the secondary. As the length of wire was quite long it was obvious the secondary would be fairly large.

The next problem was capacitors. The ones I needed had to be able to take a great electrical pressure and also have a fairly large storage capacity. These proved to be quite difficult to obtain, or, if they were available, were very expensive. Tesla solved this problem by using champagne

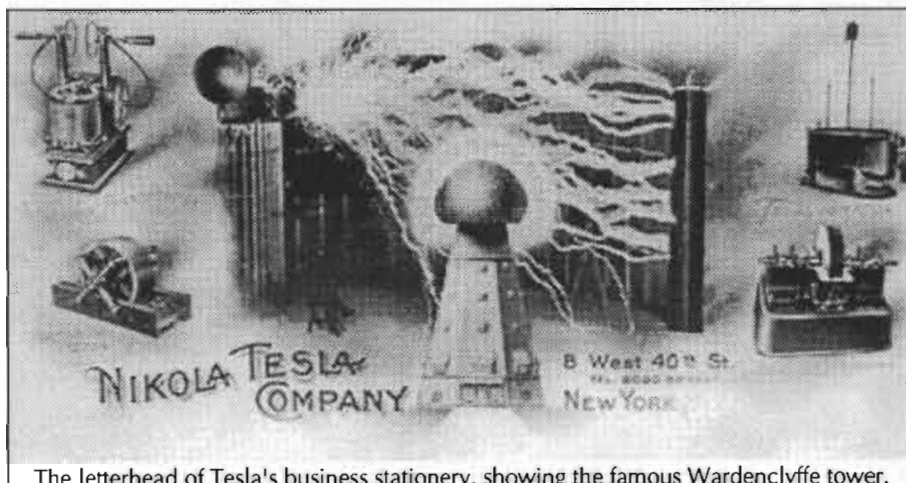
bottles. These were arranged side by side in large wooden boxes lined with sheet copper or tin. There was usually 30 to 40 bottles per box. The basic idea was to fill the bottles with a concentrated salt water solution to within a few inches of the top. The salt solution was also surrounding the bottles. When connected up, Tesla had a cheap and very strong capacitor. He also had the use of the champagne and, as he liked entertaining, there were probably quite a few bottles. This seems a wonderful use for champagne bottles. The other advantage was that if the capacitor overloaded, the bottles would burst. It could be said that this was like a fuse blowing and added safety to the system. I have seen modern capacitors blow up, sometimes with spectacular results. I would rather hear a champagne bottle pop inside a box than watch modern oil-filled ones explode.

The overall consideration was what are the basic things required to build a complete system. The list now read as follows:

1—Secondary coil (exact length to be determined)



Tesla in his offices at 8 West 40th Street, New York. (Columbia University Libraries)



The letterhead of Tesla's business stationery, showing the famous Wardenclyffe tower.

- 2—An elevated terminal capacity for the secondary
- 3—Primary coil (exact length to be determined)
- 4—Capacitors (size to be determined)
- 5—Variable induction (to tune primary)
- 6—Break mechanism
- 7—High voltage transformer to charge the capacitors
- 8—Electrical schematic for above
- 9—Special Earth connection

After listing the above, it was now time to have a go at costing. It took no time at all to get a figure of \$10,000. I felt better after I realised that it was not necessary to spend \$10,000 at once—for example, I could buy the copper wire for the secondary and the heavy cable for the primary.

It is worth mentioning here that, as one can see, it is easy to spend considerable amounts of money. Tesla spent huge amounts of money to build the Colorado equipment. The actual amount in 1900 US dollars was approximately US\$70,000. The big question was, could tests be done with apparatus that did not cost this much, to prove or discover something? I felt the answer was yes.

CONSTRUCTION

The next step was to build the apparatus. After considerable thought I decided it may be wise to build a slightly smaller machine as a first step. With this I could get an idea of the basics, test the various circuits including capacitors, and see how well I could get one of these devices working.

The first stage was now to build the secondary coil. I was wondering what sort of form to use to wind the wire on, when it occurred to me that the large cardboard cylinders, used in high-rise buildings, etc. when pouring concrete to mould round columns, would be ideal.

I decided to use a cylinder which was 20 inches in diameter and 60 inches long. The cylinder was covered with waxed paper which I carefully peeled off. Underneath was untreated cardboard. I then applied three coats of transformer varnish. The end result was a cardboard cylinder impregnated with an insulating varnish. As the voltages can be very high, it is essential that the cardboard is well treated and cannot catch fire.

The next stage was to wind on the secondary wire. The wire size was 0.5 mm. I wound on 680 turns.

Next was the primary. The primary cable was approximately one inch in diameter and consisted of three inner cables of 9 mm diameter. The primary had three-and-a-half turns.

It was now time to connect in the capacitors. As mentioned previously, Tesla used champagne bottles. However, I decided as a first step to test out some capacitors that I had recently obtained by way of a government auction. These were in fact high-voltage capacitors from an obsolete radar system built in the UK. As I was soon to find out, these were excellent capacitors and have never given any problems.

High-Voltage Transformer

This is an essential part of the system. It charges the capacitors which are then discharged into the primary. The primary then vibrates or quivers electrically at a certain period. The vibrating primary then excites the secondary. This causes a high voltage to be produced in the secondary. The actual voltage that is produced is determined to a degree by the turns ratio, but if the apparatus is tuned correctly the voltage can be much higher. The high-voltage transformer I use has an output of about 10,000 volts.

Capacity for Secondary

The secondary will be more powerful if it has a capacitance connected to the top end. This can result in a considerable charge being stored in the capacitor, which makes for a more efficient system and a more spectacular discharge. The type of capacitor which is commonly used is a hollow copper ball which should be about the same diameter as the secondary.

Air Gap

When the capacitors are storing energy from the high-voltage transformer, the air gap—which may consist of two 25 mm stainless steel balls a certain distance apart—will be bridged by electrical discharges. The frequency of these discharges can be increased or made slower by varying the capacitance or by adjusting the spark gap.

TEST RESULTS

When the apparatus was connected up, it was possible with an input of no more than 50 volts AC to obtain discharges from the secondary terminal of 1.5 to 2 million volts plus. The apparatus can easily produce discharges which will jump a two-metre distance.

With no Earth terminal to discharge to, the secondary terminal produces a purple corona for a distance of two feet around the terminal.

The 50 volts AC which is supplied to the primary of the high-voltage transformer can rise up to 120 volts when the system is energised. I feel this is caused by a back-EMF from the high-voltage coil.

The apparatus also produces ozone as a result of the high voltage discharging through the air.

The apparatus, if pushed to its limit with present adjustments, should be capable of producing at least 5 million volts and probably much more.

SUMMARY

These are considerations only—and only time will tell if energy can be extracted from the Earth.

As stated above, these are theoretical considerations, and any person who wants to use this information does so at his or her own risk as the voltages are very high. Therefore, one has to be cautious.

To be continued...

Anthony Hansen
PO Box 1682
Toowong, Qld 4066, Australia

JAPANESE SUPER-MAGNET BREAKTHROUGH

An electric car with motors that make their own electricity and cost nothing to run? Sounds like a story from a sci-fi comic.

Yet Japanese inventor Yasunori Takahashi claims to have done just that. Purely by accident he came across a method of making permanent magnets with extraordinary power. Put these magnets in an electric motor and, he claims, it can generate four times its input electricity.

A standard Honda electric scooter, its motor fitted with the magnets, was demonstrated at a hotel in London. The scooter's original heavy lead-acid cells were stripped out and replaced with four small 12-volt batteries.

On the road, the scooter hit 30 mph in around four seconds. The way it was accelerating, 60 mph would have probably come up in eight.

Takeo Sawai, the inventor's UK representative, told us that he took delivery of the scooter, at London Airport, with almost flat batteries and drove it down the M4 at 70 mph. At the end of the journey, he said, the batteries were fully charged.

The scooter has been demonstrated to Nissan, GEC-Marconi and Philips. Apparently the companies are all taking the idea seriously. Emmerson Linfoot, Senior Engineer in the electrical department at Nissan's European Technical Centre, said that the invention, "if it checks out on our own tests...has huge implications for everything which uses a motor—it could revolutionise the world".

In November, a Mercedes will be fitted with four of the motors. It will, claims Sawai, have performance like a petrol car—but with virtually unlimited range and almost no fuel costs.

Yasunori Takahashi has spent £3 million on his invention, and his company, Sciez, has taken out worldwide patents on the magnet which he will manufacture. The magnets will be supplied under licence to interested companies.

Mr Takahashi says he is not at all interested in making money, only in winning the Nobel Prize, adding: "When tiger dies he leaves his skin. When man dies he leaves his name."

However, scientists we talked to rubbished the invention, saying it defied the first law of thermodynamics.

(Source: *Space Energy Journal*, vol. v, no. 4, December 1994)

FOSSIL FORESTS IN ANTARCTICA

Australian and American scientists have uncovered fossil evidence of leaves, wood, pollen, moss and insect eggs only 500 km from the South Pole in sheltered valleys of the Transantarctic Mountains. The fossil finds have sparked worldwide scientific controversy over the speed and extent of global climate change—and speculation over when Antarctica was last ice-free.

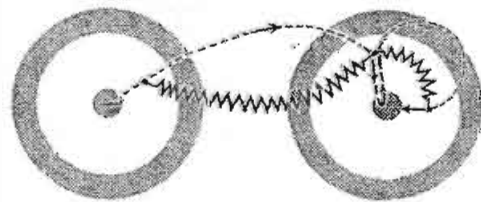
Dr Barrie McKelvey, of the University of New England, NSW, found plant specimens in the windswept, rocky Meyer desert. These have been classified by Prof. Bob Hill of Tasmanian University as members of the *Notofagus* or southern beech family, still widespread in southern Australia (particularly alpine Tasmania), South America and New Zealand.

What's more, beetle eggs were found amongst the plant material, indicating a climate warm enough for insects. According to Prof. Hill, the climate had to have been at least 25°C warmer than it is today for woody plants to exist; there had to have been liquid water and a growing season to allow plants to flower and seed to be set and sown.

As for the age of the plants, some scientists argue at least 14 million years; others, between 2.5 and 3 million years. The latest theory is from Prof. David Harwood of Ohio State University who discovered fossil marine diatoms in the same layers as the plants. As these species didn't appear until approx. 3.8 million years ago, he argues that this puts an upper limit on the age of the plant-bearing rock.

Dr McKelvey believes that the Antarctic ice-cap melted completely around that time, leaving the continent fringed with vegetation and covered with shallow, diatom-rich seas—later gouged out by encroaching ice 2.5 million years ago.

(Source: Julian Cribb, *The Australian*, 2 August 1994)

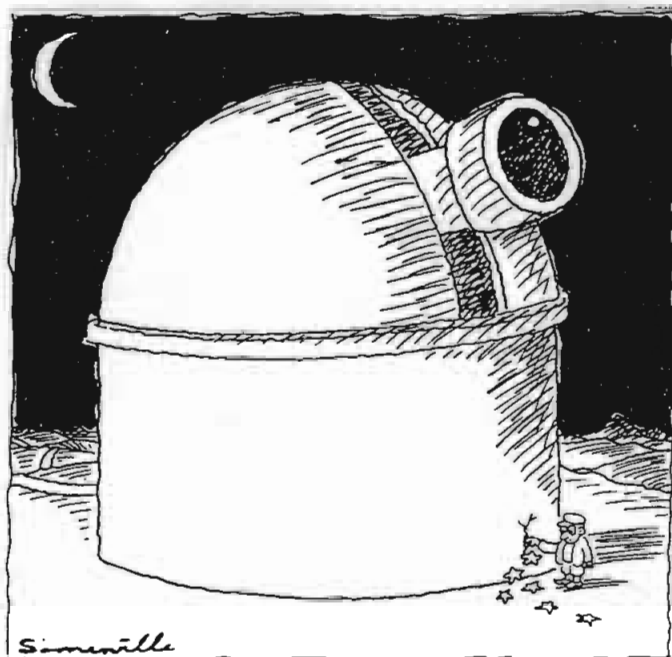


NEW FRONTIERS WORKSHOPS

"This is a turning point. The world will not be the same after this international meeting!" says Australian mathematician/theoretical physicist, Prof. Chris Illert, of the upcoming "New Frontiers in Clean Hadronic Energy" workshop in Italy. The buzz?—the theory predicting novel sources of subnuclear hadronic energy (see diagram above) is to be demonstrated with new technology purpose-built to tap this energy.

Chris Illert is co-ordinating "New Frontiers in Theoretical Biology", one of six workshops to be held at the Institute for Basic Research Conference at the Monteroduni Institute, Italy, 7-13 August. The other "history-making" workshops are: multi-valued hyperstructures, integro-differential geometries, particle physics, gravitation, and superconductivity.

For further information and bookings, contact Chris Illert, East Corral, NSW, Australia, ph/fax +61 (042) 83 3009. For hadronic energy workshop details, contact IBR, Florida, USA, fax +1 (813) 934 9275 (to 15 May); or co-ordinator, Prof. R. M. Santilli, Istituto per la Ricerca di Base, Monteroduni, Italy, fax +39 (865) 49 1145.



The Mystery of Spontaneous Human Combustion

*Every year,
unexplained deaths
by fire are reported
in sufficient
numbers to warrant
further scientific
investigation.*

*Judging by the wild
theories proposed,
the cause of this
phenomenon may
be stranger than
fiction.*

by Richard Giles

Richard Giles is a freelance researcher, writer and astrologer, as well as a valued NEXUS staffer. His book on UFO phenomena is soon to be published by Gateway Books, UK.

Jacqueline had just finished her cookery exam. It was a cold late January day in 1985 in Widness, England, and Jacqueline was seventeen. She left the room to wait by the door for several minutes for two classmates to leave. They met and headed off through the building complex. A couple of minutes' walking took them to some steps and as they descended in the company of other students, Jacqueline's back burst into flames. Her two horrified friends afterwards described how it appeared that a ball of light fell down her back and broke out into fire.

The flames were doused and she was rushed to hospital, but she died fifteen days later. At the inquest, the government chemist theorised that she must have leaned against a cooking flame which caused her catering jacket to smoulder unnoticed. He suspected that when she entered the corridor outside and down the stairs, draughts in the building caused the jacket to burst out in flames. However, no witness to the fire saw any smouldering nor smelt any smoke until the moment of the fire. A report by the local fire brigade disagreed with the chemist's assessment.

The press seized on this extraordinary incident and called it a case of Spontaneous Human Combustion. The official report blamed the smouldering jacket and left unanswered the question of how a healthy seventeen-year-old could burst into flames in the open, in broad daylight, with no obvious cause.

The case attracted ongoing media interest. It also sparked the interest of Jenny Randles and Peter Hough in doing some first-hand research into the mystery of Spontaneous Human Combustion (SHC). That research came to fruition in 1992 with the publication of their book by the same name. I'm indebted to them for the opportunity to draw much material for this article from their book.

The very notion of a human body bursting into flames spontaneously, i.e., without any obvious or outward means of combustion, is a strange one. It's hard to believe that it could happen. It just doesn't appear on the front pages of newspapers every day. Where is the evidence? Where are all the bodies that burst into flame periodically to make this phenomenon believable?

It might surprise you to know that, according to Randles and Hough, anything up to 100 SHC events per year may happen in the United Kingdom alone. That makes one every three days! Fire statistics in the UK for 1989 show 901 deaths from fire. More than half of these were from accidental fires in dwellings caused by smokers' materials and matches. The highest death rates occur in the under five-year-olds and over sixty-fives. Accidental fires in households and other occupied dwellings totalled 110,159. Of these, 2,589 remained "unspecified", which means there was not even circumstantial evidence to allocate a cause. The "unspecified" fires resulted in 90 deaths and 466 non-fatalities (Randles and Hough, p. 245).

Multiply that figure of 90 unexplained deaths by approximately 50 (UK's population is around one fiftieth of the world's), and you get 4,500 cases per year. This figure must be taken as a rough guess, but nevertheless it shows how the occurrence of SHC, while small on a global scale, may be more common than we realise.

CHARACTERISTICS OF SPONTANEOUS COMBUSTION

By far the most common description of death by fire in unusual circumstances fits into the following. The person's remains are usually found in a burnt-out chair or bed. The furniture on which they were sitting or lying is often totally consumed. Often only a small part of the body is found—sometimes part of an arm or the hands, or just the bottom half of one or both legs. There are sometimes pieces of internal organs—some ashed bones or carbonised liver or other organ. The head is sometimes still intact or may be

partly burned, leaving the hair or upper face intact. A common characteristic is the strong smell or stench of fat or a sticky-sweet burnt smell. The same fatty deposits are often found on the walls of the room.

The area around the remains is often untouched. For example, the chair in which the person last sat may be burnt to ash, but everything in the room outside a radius of three feet (one metre) would remain untouched. Newspapers may stay unburnt, and books or other flammable material may be left untouched. Houses made of timber or any combustibles are usually not burnt.

The temperature necessary to consume a human body and turn the bones to ash is estimated to be beyond that of any normal crematorium. Funeral directors quoted by Randles and Hough (pp. 61-62) stated that bodies are burnt at a temperature of between 600 and 950 degrees Centigrade. This process produces ash from human organs—but the skeletal bone is still intact even after one-and-a-half hours. Additional burning only turns the bones blacker but does not reduce them to ash. In the crematorium process, bones must then be raked out and crushed by mechanical means.

In all cases of SHC in this article, the bones are destroyed, leaving only ash. The temperatures necessary to do this in a very short space of time are estimated to be in the order of 2,000 to 3,000 degrees Centigrade. Temperatures of this order ought to conflagrate an entire room, but again and again we'll see this does not happen. Further, many cases of SHC have taken place in open, well-ventilated areas, in gardens, on boats, on a dance floor, and even while walking in the street (the opening paragraphs quote such a case).

Mary Hardy Reeser: Among the more famous cases is the one of Mary Reeser. Photographs of her remains have been used in the *Time-Life Library of Unusual Facts* (1991).

She was a 67-year-old, reasonably plump woman who had left her native Pennsylvania to be near her son, Dr Richard Reeser, in St Petersburg, Florida. It was a hot, muggy July evening in 1951. Mary Reeser had walked home to her apartment near her son's home after he had not immediately taken her home following some babysitting she had done with the youngest child. The family had come home from the beach, and while her son took a shower she walked home. His wife went after her in the car and arrived at her door as she did.

She settled Mrs Reeser in and then left for her home. That was around 5 pm. The son decided around 8 pm to go over to see his mother as she had been depressed and crying earlier that evening. He found her in her nightie, and having taken two sleeping pills she was relaxing smoking a cigarette. He left soon after she had settled, and, according to others at the apartments, her lights went out at around 9 pm.

At 8 am a telegram boy came by with a telegram for Mrs Reeser. Pansy Carpenter, the apartment owner, took the telegram and decided to deliver it personally to Mary. Arriving at the apartment's screen door, she found the knob hot to touch and the door unlocked. She called to the telegram boy and two painters across the road. They came over and one went inside. He backed out, finding the apartment full of smoke, and immediately advised calling the fire brigade. The fire officers arrived, went in and opened windows to let out the smoke. Only a small fire remained on one

overhead beam and it was easily extinguished.

As the smoke cleared, they saw the remains of a foot protruding from some ashes. Most of Mrs Reeser, the chair she was in and most of the table next to her were burnt to ashes. The apartment ceiling was blackened. The walls and drapes were similarly affected. Smoke affected the bathroom as well. Apart from those furniture items, no other furniture was burnt or marked. The electrical equipment was all intact, with the exception of the electric clock which had stopped at 4.20 am.

All that remained of Mrs Reeser's body was a few teeth, a (reportedly) shrunken skull, a charred liver attached to a piece of bone, a piece of what appeared to be a hip-bone, and her left foot in a black satin slipper from the ankle down. Identification of the remains was made on the slipper!

The fire officers, suspecting a crime and subsequent arson of the apartment, called in the FBI. Nothing was missing. The FBI suspected that only some type of fire accelerant could have been responsible for the body being almost totally consumed. Nothing else would explain it. However, they could not find any trace of oxidising chemicals, petroleum hydrocarbons or any other volatile fluids or chemicals which would initiate or accelerate the fire. (Randles and Hough, p. 82).

The "Bert Jones" Case: The name adopted here is a pseudonym to protect the family of the man involved. It happened on a winter afternoon in January 1980 in a small town near Ebbw Vale, Wales, UK. Police who were called to the house found a bizarre and perplexing scene unlike anything they had ever encountered. This fiery death was impossible, yet there it was before their eyes.

Police found a pile of ash heaped on the floor in front of an undisturbed fire-grate. Two human feet wearing undamaged socks were at end of the ash. Further away from the pile was a blackened human skull. The armchair in which the victim had sat when he caught fire was singed but unburnt. Less than a metre away, a loose-covered settee,

which by rights should have been burnt, remained totally unaffected. Only the carpet that was immediately in contact with the remains was burnt, but just centimetres away it was untouched. Plastic floor tiles under the carpet were also untouched. The TV set in the room was slightly affected, but only on its plastic knobs.

When police arrived, the walls were glowing orange, like a furnace cooling off after use. Black soot covered the surfaces of everything in the room. A nearby plastic lampshade had melted. A sticky orange substance found on the light-bulb turned out to be human flesh that had vaporised in the incredible heat. What could raise such incredible temperatures as to totally incinerate the body yet leave adjacent inflammable objects almost unaffected?

SOME HISTORICAL INCIDENTS OF SHC

Historical evidence for strange fires, like the two described above, spans the centuries. These accounts have been drawn from the research of Randles and Hough.

26 June 1613: Dorset carpenter John Hitchen went to bed in the evening after a normal day. His wife's mother, who slept in another room, was awoken by a sound blow to her cheek during an electrical storm in the night. She called out to the family but no one replied. She found her daughter in bed with one side of her body burnt, and Mr Hitchen and child dead. His body, still burn-

In all cases of SHC in this article, the bones are destroyed, leaving only ash. The temperatures necessary to do this in a very short space of time are estimated to be in the order of 2,000 to 3,000°C. Temperatures of this order ought to conflagrate an entire room, but again and again we'll see this does not happen.

ing, was dragged out into the street and had to be left there. It burnt for three days, finally being reduced to ashes.

October 1836: An overweight woman, 74 years old, met her death by fire in Auney, Avalon, France, according to the *Medico-Chirurgical Review* of the same month. Townsfolk broke into the house when they realised they had not seen her for some time. They found her partially combusted remains near the chimney. A blue flame was still burning on the grease remains and could not be put out.

July 1847: At 11 pm, the Count of Gorlitz in Darmstadt, Germany, returned home to find his wife's badly burnt body in her room close to some burnt furniture. No evidence of a crime was found and her physician concluded she had died of spontaneous combustion. The manservant was later charged with murder but the charges were dropped when it was found how hard it is to ignite a human body. Later still, he was supposed to have confessed to the crime but the circumstances remain unclear.

1847: An article published in *Scientific American* reports from a Dr Nott how a 25-year-old man, an "habitual drinker", was seen by the doctor at 9 pm, and two hours later was found incinerated from the top of his head to the soles of his feet. A blacksmith discovered him in his shop, standing up in the midst of a silver-coloured flame. The premises did not catch fire, and according to Dr Nott there was no external cause for the fire.

February 1851: A French house-painter in the midst of a drinking session bet he could eat a lighted candle. He placed it in his mouth and immediately a bluish flame burst from his lips. In half an hour his head and the upper half of his chest were carbonised. His entire body was eventually consumed, leaving only a pile of ashes.

December 1851: A 50-year-old French washerwoman named Marie Jeanne Antoinette Bally had returned, drunk, to her lodgings one evening. At 8 am next morning, her remains were found along with her chair. The top part of her body from the shoulders up, including hair, was untouched. Her lower legs were also intact. The rest of her body was badly charred and there was no sign of fire in the grate. The only sign of a possible source was an earthen pot, full of coals, as used by poorer folk to warm their feet.

1866: The corpse of an Englishman buried thirteen months previously was found on fire in its vault. The day before, a foul smell had been noticed issuing from the floor. The source was the cof-

fin which had burst and a liquid was oozing from the body. Workers put sawdust in to stop the flow, but the next morning they found the body burning with a blue flame and giving off an offensive smell. It was suggested that a workman had dropped in a lighted taper after having a cigarette.

February 1888: Dr Booth of Aberdeen, Scotland, was called to investigate the burnt remains of a 65-year-old man in a hayloft. The body was destroyed, though none of the loose and bundled hay that lay around had ignited. Dr Booth said there was no death struggle, ruling out a crime, and when the body was moved it disintegrated into ash.

May 1890: Dr B. H. Hartwell of Ayer, Massachusetts, while out on a call, found in a wooded area a woman who had burst into flame. Her clothing was almost consumed, and the body, lifting away from the ground due to muscle rigidity, was burning with flames up to fifteen inches high. The fire was smothered with soil. Leaves, a straw hat and a wooden spade handle next to her remained untouched.

January 1899: Two sisters in the Kirby family who lived in the same town across the valley from each other at Sowerby Bridge, Halifax in Yorkshire, England, allegedly died in flames at the same moment. The coroner could find no cause for ignition of the fire in either case. He dismissed the simultaneous deaths as a "shocking coincidence".

December 1904: Mrs Clark, a pensioner of Hull, in Yorkshire, England, was found terribly burned on her bed. She survived the fire, but had no explanation for the flames which did not even scorch her bedsheets.

1907: Two police constables in Manner, Dinapore in India, found the burned body of a village woman. There was no other sign of fire around her. They carried the still-smouldering corpse in unscorched clothes to the district magistrate's office.

July 1938: Mrs Mary Carpenter was on holiday on a cabin cruiser at Norfolk Broads, England, when she burst into flames. There was no apparent reason for the fire which engulfed her entire body and reduced her to a charred corpse.

Samples like these are taken from a list of over one hundred cases. A lack of any real cause for the fires is what they all seem to have in common. Often the fire seems to begin in the body—usually in the chest, abdomen or deep muscles. Sometimes the flames are seen to be blue or other unusual colours. Extremities of

the body are often left intact, and quite commonly there is little evident effect on furniture or clothing in the room near to the body, except for the chair or bed on which the person sat or lay. Sometimes even the bed is left intact! The burnt parts of the body are often totally consumed, leaving just ash. Even the largest bones are turned to powder.

The fire often proceeds with the victim feeling no apparent pain or at least making no sound. In 1905, a case in Binbrook, Lincolnshire, UK, was reported where a housemaid was observed to carry on sweeping the floor while flames engulfed her shoulders. She was saved by quick intervention (Randles and Hough, *Fortean Times* #63). Another frequently reported observation is an unpleasant greasy, fatty tar that coats the walls and other surfaces at the scene. This seems to be fat from the burnt body.



John Heymer's reconstruction of the scene that greeted his eyes when he arrived at the house in Ebbw Vale, taken from his own photograph. (Source: *Fortean Times* #74, April/May 1994)

SPONTANEOUS HUMAN COMBUSTION THEORIES

While many writers have demonstrated their belief in SHC, they have not all come up with a theory that would explain spontaneous fires in so many different circumstances. Randles and Hough put forward a number of propositions for the origins of these fierce, unexplained fires (*Fortean Times* #63, June/July 1992):

- **The Supernatural:** The traditional religious explanation for SHC was that it is some kind of divine retribution for sinners, fanatics and other transgressors of divine law. The thunderbolt from heaven is a form of this retribution. The famous "pillar of fire" that consumes some sinners may be understood in this way. Through the centuries, sudden burnings have often been blamed on demons and witches.

- **Murder Cover-up:** One of the most common reasons advanced in forensic casebooks and studies of SHC is that it is used as a cover-up for murder or crime. The victim is incinerated to cover the evidence of a murder or theft.

- **The Wick Theory:** This has been advanced by an English academic, Prof. David Gee, and used in the BBC TV programme, *Q.E.D.*, when they screened a special, titled "A Case of Spontaneous Human Combustion?", in April 1989. The theory is that burning clothes boil the body water away (the human body is approx. 70 per cent water), and the melted fat of the body becomes like a wick which continues to burn slowly until all the fatty tissue has been burnt away. It consumes everything, including bone, without actually destroying the room around the victim. Drawbacks with this theory include evidence from crematoria experience with human bodies, showing that the extremely high temperature needed to consume bone would be very difficult to generate in a smouldering body. It also ignores the cases where rapid combustion has been seen outside in daylight by many witnesses.

- **Alcohol:** The most popular theory up to the early twentieth century was that victims of SHC were great imbibers of alcohol or were even perpetual drunks, and that the high level of alcohol in their bodies ignited spontaneously from home fires, candles or matches. This theory falls down in the face of all the cases of non-drinkers and children who have been victims of SHC.

- **The Forced Draught:** This ties in with the Wick Theory, in that the person who combusts has been caught in a draught from a chimney and door or window which ignites the smouldering body to such a degree that it can combust the entire frame and flesh. This explanation falls down in cases where the person has died in a sealed or closed room, such as in the "Bert Jones" fire in Wales mentioned earlier.

- **The Human Fuel Cell:** Ex-fireman John Heymer from England proposed it was possible that an unknown electrochemical reaction in the body may split the body's water into hydrogen and oxygen; the hydrogen flame, consuming the oxygen very rapidly and leaping from cell to cell, could consume tissue quickly, burning up the body and extinguishing itself as the oxygen is used up. This happens so fast it doesn't burn the surroundings.

- **Body Chemistry:** Ivan Sanderson, who writes for *Fortean Times*, proposed that loneliness might act on the body to produce an accumulation of inflammable nitroglycerine-like phosphagens in muscle tissue. What if these processes went out of control and were ignited? Dr Joyce Nelson suggested that large amounts of methane can accumulate in the stomachs of cattle and other stock

and cause bloating. Often the only way to release it is to make an incision in the stomach and vent the gas. Perhaps this could happen in humans where excessive stomach gas causes an excess of methane which, when combined with oxygen upon release from the bowels, could cause a spontaneous fire? The result would be a phenomenally fiery fart!

- **Psychic Heat:** Within the yogic tradition and other eastern ways, it is considered quite possible that the the heat mechanism of the body can be controlled. Yogis can sit in the freezing snow and need no protection from sub-zero temperatures. In fact, they can generate enough heat to melt snow. Perhaps in some cases of SHC there is an element in the body's temperature control system that goes haywire?

- **Electromagnetism:** There has been speculation about the effect of electromagnetic and microwave radiation from power sources in SHC cases. Could electrical fields have something to do with it? In 1975, one researcher, Livingston Gearhart, found a correlation between changes in the peaks of the Earth's geomagnetic field and spontaneous human combustion events.

- **Nuclear Disintegration:** The life-force that holds the basic particles of the body together could undergo some sort of malfunction and start giving off heat in the same way that nuclear power stations or a nuclear detonation gives off heat as the product of fission. Could this—a very limited nuclear reaction—be a possible explanation for SHC?

- **Dimensional Breakdown:** This theory has been put forward to me in private conversation. Could it be possible that from time to time other dimensional realities interface with ours, the resultant effect being massive heat or temporary breakdown of the principles of matter and atomic force? If so, the breakdown occurring in an individual might give rise to spontaneous incineration. If it lasts only a few seconds or minutes, this could explain why portions of a body still remain and why furniture and clothing are often left untouched. We have examples of fish, frogs and sometimes even human beings suddenly falling from the sky or appearing on the ground, seemingly from nowhere. Is SHC somehow related to this when things go awry dimensionally?

- **Mathematics:** In an article in *R.I.L.K.O. Journal* (No. 45, Autumn/Winter 1994), Dr A. M. Davie proposes that SHC may be related to geophysical effects. Using Ordnance Survey Maps, he studied the geometric pattern established chronologically from a series of fires in Scotland in the last few decades. He suggests that with sufficient cases, a pattern can be ascertained and SHC predicted in advance. This technique, he claims, can also be used to predict spontaneous combustion in other flammable materials in factories, farms, etc. He suggests certain elements become unstable at predictable times of the day.

A story from the newspapers in 1990 showed another aspect of SHC that adds to the puzzle. A four-year-old Chinese boy had been spontaneously bursting into flame at various parts of his body. His grandmother first saw smoke coming from his trousers, and a hole was burnt through several layers of clothing. Fifty minutes after arriving in hospital, the boy started smoking again. During the next two hours he spontaneously ignited four times. Doctors quoted in Chinese newspapers said the boy's body had a strong electric current running through it (*The Sydney Morning Herald*, 2 May 1990).

A four-year-old Chinese boy had been spontaneously bursting into flame at various parts of his body. Fifty minutes after arriving in hospital, the boy started smoking again. During the next two hours he spontaneously ignited four times. Doctors quoted in... newspapers said the boy's body had a strong electric current running through it.

FURTHER FIERY PHENOMENA

Strange, apparent spontaneous combustion events can also occur in buildings and objects and even affect entire towns and landscapes. One famous occurrence, which received considerable publicity at the time, was a series of weird fires that broke out in Macomb, Illinois, USA, in August 1946.

In the book, *Mysterious Fires And Lights* (Borderland Sciences Research Foundation, 1994), author Vincent Gaddis describes the following scenario. On 7th August 1946 at the Charles Willey farm 12 miles south of Macomb, small brown spots began to appear on the wallpaper in the five-bedroom house. The Willey family consisted of Charles and his wife, his brother-in-law Arthur McNeil and Arthur's two children.

The spots were around two to three inches in diameter (five to nine centimetres) and were in fact scorch marks. On reaching an estimated 450 degrees Fahrenheit they ignited, setting the wallpaper on fire. Day after day, more and more spots appeared. Neighbours came to help keep watch and douse the fires. Pans and buckets were placed at strategic points throughout the house. The Fire Chief of Macomb, Fred Wilson, was called in. He had Charles Willey strip the paper away, but the brown spots continued to appear on the bare boards and even on the ceilings.

Over the next week, fire spots began to appear outside on the porch. Curtains were ignited, an ironing board burnt, and cloth on a bed burnt to ash. The insurance company reported that the wallpaper was not coated with cockroach repellent and was therefore

phosphorus-free. Fire Chief Wilson was quoted as saying: "The whole thing is so screwy and fantastic that I'm almost ashamed to talk about it."

By Sunday 14th August, over two hundred fires had broken out—an average of almost 29 per day! On that day, the blazes reached sufficient frequency that they raged out of control and burnt down the home. Willey set up a tarpaulin and posts in the yard for a makeshift tent. The McNeils moved into the garage.

The next day, the barn went up in flames. Two days later, the milkhouse (now being used as a dining room) had spot fires. On the Thursday, the second barnhouse burnt down. A fire extinguisher salesman was at the scene with his equipment but the fire was so intense that he was helpless. On the Friday, both families left the farm and the US Air Force got involved.

Their chief technician, Lewis Gust, thought perhaps "very high frequencies and short waves" may be responsible. By Sunday 22nd August, over one thousand sightseers and investigators had visited the farm. Fires continued to ignite. Investigators ruled out fly spray, radio waves, underground gas and many other explanations. On 30th August, Deputy Marshal Burgard announced he'd solved the mystery: it was arson and the culprit was thirteen-year-old Wanet McNeil, Charles Willey's niece! Simple!

The Deputy Marshal and the Illinois State Attorney had taken her aside and closely questioned her. She admitted it. She wasn't happy with her father. She missed her mother. She didn't want to live on the farm. Forgotten were all the witnesses to the hundreds

**Strange, apparent
spontaneous combustion
events can also occur in
buildings and objects and
even affect entire towns and
landscapes.**

of spot fires. Forgotten were the spontaneous fires on the ceiling (how did Wanet climb up there?). Forgotten were the mysterious brown spots appearing in front of reliable eyewitnesses.

Apart from the obvious attempt to rationalise by using the thirteen-year-old as a scapegoat, here was an extraordinary set of spontaneous fires that had investigators up to the US Air Force stumped. What did it? We'll never know now, but it is an amazing record of spontaneous combustion that has puzzled investigators for decades.

Two other great and mystifying fires are worth mentioning here. It was Sunday evening, 8th October 1871 when a series of fires began across the midwestern states of the USA at the end of a three-month drought. The Great Fire of Chicago was the one that grabbed the headlines. It began at 9.25 pm in the lumber district of the west side. For twenty-seven hours it raged, destroying 17,500 buildings, taking 250 lives and causing US\$200 million damage. Fire hoses were turned to ash and water turned to spray in the winds accompanying the fire. According to eyewitnesses, each time it was controlled, buildings far away from the fires burst into flames from the interior outwards. The flames melted the hardest stone, fused piles of iron two hundred feet from fires, and at one stage turned on itself and burnt half a mile into the teeth of the massive gales of wind. Green, blue and red flames were seen by eyewitnesses throughout the city. Across the USA, massive tornadoes of fire burnt millions of acres of forest, destroyed dozens of towns and killed several thousand people.

On 16th June 1945 in Almería province, Spain, another strange set of fires occurred. According to reports, they began in white clothing spread out on the ground to dry. For the next twenty days, over three hundred fires began without visible cause, burning barns, farmhouses, threshing bins, and clothing drying in

yards. In almost every instance the objects catching fire were white. Spanish government officials sent scientists to the town of La Roda, seat of the fires, to investigate. One scientist had his box of instruments burst into flames during his investigation. Scientists suggested it was due to St Elmo's Fire or underground mineral deposits. On 5th July, a column of whirling brown wind struck a small settlement, kindling thirty-foot flames. Very soon after this, the fires died away (Gaddis, 1994).

The phenomenon of apparent spontaneous combustion in human beings is one that gets little serious investigation from fire and forensic authorities around the world. Yet we've seen there may be a hundred or more cases a year of unexplained fires that totally consume human beings, leaving little trace apart from the remains of a leg or hand. The room in which the person is incinerated is often unburnt. This type of fire ought to mystify even the most rational of investigators—yet it doesn't seem to inspire sufficient interest in the rigorous scientific research required to pinpoint the cause of spontaneous human combustion. Perhaps the subject will get a more thorough, unbiased airing in the mainstream media some time in the near future.

References:

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- Dr A. M. Davie, "Human Spontaneous Combustion", *R.I.L.K.O. Journal*, No. 45, Autumn/Winter 1994, published by Research Into Lost Knowledge Organisation, UK.
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1994's MOST BIZARRE SUICIDE

At the 1994 annual awards dinner given by the American Association for Forensic Science, AAFS President Don Harper Mills astounded his audience in San Diego with the legal complications of a bizarre death. Here is the story:

"On 23 March 1994, the medical examiner viewed the body of Ronald Opus and concluded that he died from a shotgun wound of the head. The decedent had jumped from the top of a ten-storey building intending to commit suicide (he left a note indicating his despondency). As he fell past the ninth floor, his life was interrupted by a shotgun blast through a window, which killed him instantly. Neither the shooter nor the decedent was aware that a safety net had been erected at the eighth floor level to protect some window-washers and that Opus would not have been able to complete his suicide anyway because of this."

"Ordinarily," Dr Mills continued, "a person who sets out to commit suicide ultimately succeeds, even though the mechanism might not be what he intended. That Opus was shot on the way to certain death nine storeys below probably would not have changed his mode of death from suicide to homicide. But the fact that his suicidal intent would not have been successful caused the medical examiner to feel that he

had homicide on his hands.

"The room on the ninth floor whence the shotgun blast emanated was occupied by an elderly man and his wife. They were arguing and he was threatening her with the shotgun. He was so upset that, when he pulled the trigger, he completely missed his wife and the pellets went through the window, striking Opus.

"When one intends to kill subject A but kills subject B in the attempt, one is guilty of the murder of subject B. When confronted with this charge, the old man and his wife were both adamant that neither knew that the shotgun was loaded. The old man said it was his long-standing habit to threaten his wife with the unloaded shotgun. He had no intention to murder her—therefore, the killing of Opus appeared to be an accident. That is, the gun had been accidentally loaded.

"The continuing investigation turned up a witness who saw the

old couple's son loading the shotgun approximately six weeks prior to the fatal incident. It transpired that the old lady had cut off her son's financial support and the son, knowing the propensity of his father to use the shotgun threateningly, loaded the gun with the expectation that his father would shoot his mother. The case now becomes one of murder on the part of the son for the death of Ronald Opus."



THE TWILIGHT ZONE

There was an exquisite twist. "Further investigation revealed that the son [Ronald Opus] had become increasingly despondent over the failure of his attempt to engineer his mother's murder. This led him to jump off the ten-storey building on March 23, only to be killed by a shotgun blast through a ninth storey window.

"The medical examiner closed the case as a suicide."

The source for this story is obscure. Several correspondents forwarded it from various odd Usenet groups.

(Source: *Fortean Times* #79, February-March, 1995)

MYSTERY LIGHTS, FIRES AND MASS HYSTERIA

During the winter of 1904-1905 there was a remarkable outbreak of mysterious occurrences in many parts of Great Britain. There were reports of apparitions, haunted houses, poltergeist phenomena and uncanny fires.

In Wales there was a great religious revival. And over the singing, shouting crowds there were luminous appearances. Glowing clouds hovered and dipped over

the people, rose and floated away to descend over other assemblies. Shining things, or beings, travelled about, appearing as white lights or balls of reddish fire. These were especially evident at the meetings conducted by a Mrs Mary Jones, one of the prominent leaders. It was said that one light persistently followed Mrs. Jones's carriage and could not be shaken off by abruptly turning from one road to another.

London reporters, who had been sent to Wales, at first sent back flippant stories. Then they, too, witnessed the clouds and lights. The representatives of the *Daily Mail* and *Daily Mirror* told of seeing brilliant lights form over chapels while services were in progress, and of following them as they drifted away from these meetings. There were lengthy speculations on whether the appearances were objective or subjective.

B. G. Evans, in his account in the *London Daily News* (9 February 1905), said he witnessed the lights when he was with Mrs Jones at the meetings in Egryn. "The first light," he wrote, "resembled a brilliant star emitting sparklets. All saw this. The next two were as clearly subjec-

tive, being seen only by Mrs Jones and me, though the five of us walked abreast. Three bars of clear white light crossed the road in front, from left to right, climbing up the stone wall to the right. A blood-red light, about a foot from the ground in the middle of the roadway...was the next manifestation."

Perhaps, from human batteries, religious enthusiasm and ecstasy, under conditions as yet unknown, an outpouring of combined forces can be produced, a projection of psychophysical energy comparable to that found in poltergeist phenomena, but mild and harmless instead of dynamic and destructive. Light has often been associated with spirit and worship. Adepts tell of an interior illumination. Certain saints are said to have been luminous at times. Christ was called the "Light of the World".

"Wales in the grip of supernatural forces," headlined the *Liverpool Echo* on 18th January.

Spreading into Scotland and England, the revival degenerated into mass hysteria. Girl clerks in stores would ignore customers and begin singing and clapping hands. Other bands of girls entered the more sedate churches and started noisy meetings of their own. Men went from shop to shop, 'returning' things they had not stolen; others confessed to sins that, if true, would have meant they were human fiends. There were suicides and mental breakdowns. Bands stood outside football games and theatres trying to keep people from entering; other bands roamed the streets and invaded police stations where they tried to convert the officers.

Groups of women in Leeds, claiming they were directed by visions, stopped carriages and cars and attempted to force the passengers to join them in street meetings. "Holy dancers" appeared in London. In Liverpool, riots broke out when howling revivalists slugged Catholics and stoned their homes. One man, taking a biblical passage literally, chopped his right hand off; another led a procession every night, towing his coffin behind him. "When you see one of these processions," a Liverpool magistrate advised, "run from it as you would from a mad bull."

And it was in the midst of this excitement that there were instances of apparent spontaneous human combustion.

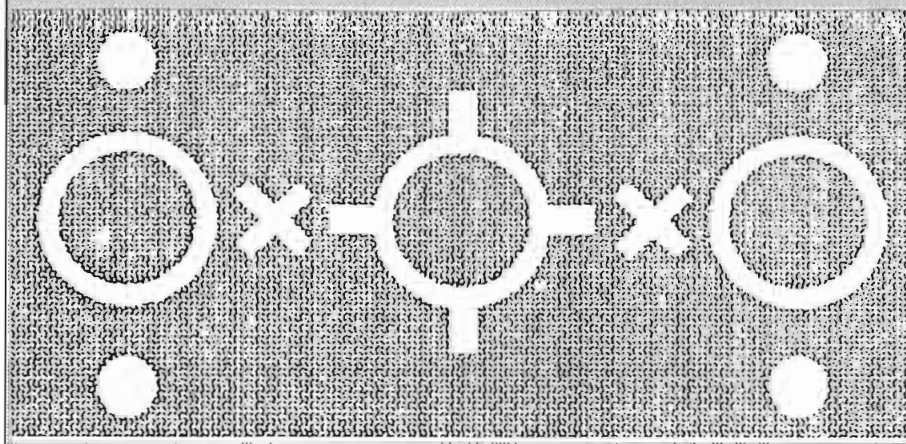
Mrs Thomas Cochrane, of Rosehall, Falkirk, widow of a prominent local man, was found "burned beyond recognition" in her bedroom. The body was in a chair sur-

— AMAZING MAIZE MAZE —

Botswana, Africa — This intriguing glyph sequence was formed sometime in 1994 within a maize crop. It's very notable in being a rare record of a crop formation in Africa, as reported in the newsletter, *UFO Afrinews*.

The diagram is based on a drawing made by the farmer for a Martin Chibanda from Zimbabwe, who met him by chance. Unlike standard formations, the pattern was burned into the crop and the grapeshot appeared to have been "dug into the soil". The farmer was apparently more concerned with the loss of his crop than with the appearance of the pattern!

(Source: *UFO Afrinews* via Lois Horowitz, as reported in *Sussex Circular* #38, February 1995)



rounded by pillows and cushions, but they were not burned. There had been no outcry. No fire in the grate.

Mrs Cochrane died on 16th December 1904. About a week later, another fire victim was Elizabeth Clark, an elderly inhabitant of the Trinity Almshouse in Hull. She was found with her body covered with burns, but still living. She was unable to explain her injuries, and died "without giving a clue to the mystery". Her bedclothing was not scorched. Persons in nearby rooms had heard no outcry. "There was no fire nor light in the room."

Early in February 1905, a woman in London was fatally burned while sitting in a chair asleep in front of a fireplace. The coroner was puzzled. He said a cinder might have shot from the grate igniting the victim's clothing, but she had been facing the fire and the burns were on her back. At about the same time a man, Ashton Clodd, aged 75, died in the Louth Hospital of severe burns. The coroner in Louth was puzzled, too. A witness testified that "if there was a fire in the fireplace, it was very little".

Barbara Bell, aged 77, died on 28 February. Smoke was observed by neighbours coming from the windows of her cottage in Blyth. Her body, found lying on a sofa, was "fearfully charred...as if for a long time it had been in the midst of intense flames".

Did the mass hysteria of that winter have any relationship to these deaths? Could the released emotions of thousands of persons have attracted forces or beings that attack with fire?

Footnotes:

1. Quoted in *Encyclopedia of Psychic Science*, p. 207; other accounts are in *Proceedings*, Society for Psychical Research, vol. 19; *Occult Review*, vol. 1; *Review of Reviews*, July 1905; and *Books of Charles Fort*, p. 655.

2. Harry Price, *Poltergeist Over England*, Country Life Ltd, London, 1945, p. 332.

(Source: Vincent Gaddis, *Mysterious Fires and Lights*, Borderland Sciences Research Foundation, Garberville, CA, USA, 1994, pp. 147-48)

THE GREEN CHILDREN

This story is told by two old English chroniclers, Ralph of Coggeshall and William of Newbridge. The events are supposed to have taken place in the twelfth century, some say in the reign of King

Stephen. This would have been some two generations after the Norman conquest, when people were speaking a mixture of Anglo-Saxon and Norman-French.

One bright sunny day, some good people from the village of St Mary's in Suffolk, found two children wandering and crying near a wolf pit. The children, a girl and a younger boy, were like normal humans in shape, but their skin and hair were green. The children seemed to be dazzled by the sunlight and confused. They spoke in a strange language and did not appear to understand what the villagers said to them.

Not knowing what else to do, the people of St Mary's took the children to the house of Sir Richard de Caine. His was the biggest household in the district and he had room in which to shelter the children. Even Sir Richard, who was a man of the world, could not understand what the children were saying. They were treated kindly, and meat and bread was set before them.

The children appeared to be hungry, but pushed the bread and meat aside and continued to weep. Then, by chance, some green broad beans were brought in from the gardens. Eagerly, the children snatched at them but opened the stalks instead of the pods, and when they found no beans inside they once more fell to weeping. A member of the household showed the children how to open the pods and find the fat beans inside. At last the children ate and became more composed in their manner.

The children stayed with Sir Richard de Caine. At first they ate only green food and the boy became depressed and sickly. Sadly, he died, but the girl learned to eat the same food as the rest of the household and she lost her green colour and took on the appearance of a normal human being.

After a while she came to speak the Anglo-Norman language of her benefactors and at

last she was able to tell her story.

The girl said that she had lived in a land where the light was always dim and dappled, where all the animals and the people were green, as she had been.

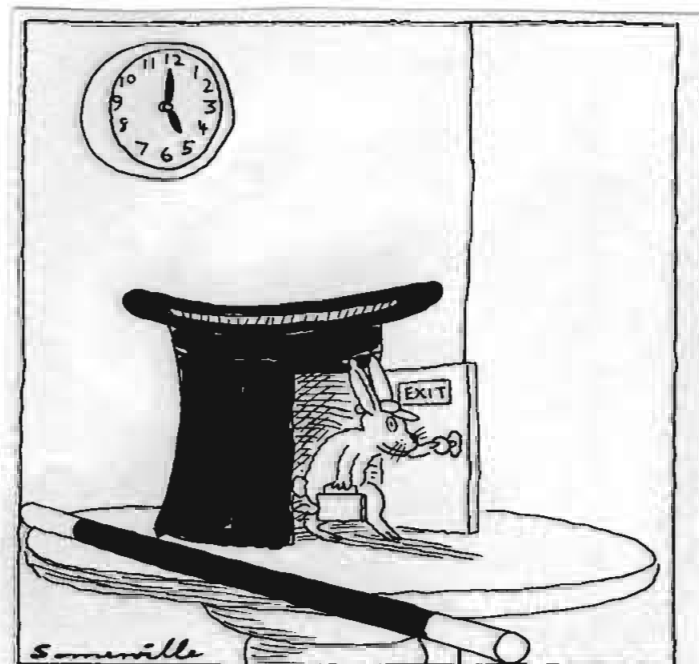
She said that her home was called St Martin's Land and that although the people were Christian, she thought they also worshipped St Martin. The sun never rose in St Martin's Land, but a bright country could be seen far away, across a wide river.

One day she and her brother were tending their flocks when they came to the entrance of a large cavern. They heard the sound of sweet bells and could not resist going into the cavern to see what was making the beautiful music. On and on and up and up they wandered, through twisting passages, until suddenly they came out into brilliant sunlight. They had never seen the sun, nor such bright daylight before. Their eyes hurt and their heads ached. They blundered about in confusion and could not find their way back to the entrance into the cavern. After hours and hours, when they were hungry and exhausted, they were found by the villagers.

Many times after this, Sir Richard ordered a search to be made for the entrance to the cavern, but it was never found.

The girl remained in service in Sir Richard's household, and when she was grown up she married a man from Lenna.

(Source: unconfirmed)





REVIEWS

BOOKS

THE HARMONIC CONQUEST OF SPACE

by Bruce L. Cathie

Published by NEXUS Magazine (1994/5), Mapleton, Qld, Australia
ISBN 0-646-21679-1 (184pp pb)
Price: AUD\$20.00; AUD\$23.00 airmail to NZ; NZ\$40.00; STG£12.00; USD\$20.00 (prices include postage & handling)
Available: **Australia**—NEXUS Magazine, PO Box 30, Mapleton, Qld 4560, ph (074) 42 9280, fax (074) 42 9381; **Europe**—NEXUS Europe Office, PO Box 372, 8250 AJ Dronten, The Netherlands, ph (3210) 80558, fax (3210) 18892; **UK**—NEXUS UK Office, 55 Queens Road, East Grinstead, W. Sussex RH19 1BG, ph (01342) 32 2854, fax (01342) 32 4574; **USA**—NEXUS USA Office, PO Box 177, Kempton, IL 60946, ph (815) 253 6464, fax (815) 253 6300.

NEXUS readers have already had a preview of this much-awaited text from Bruce Cathie, in an extract published in the Oct-Nov 1994 issue (vol.2#22).

Retired Captain Bruce Cathie gained worldwide attention with the publication of his first book, *Harmonic 33*, in the 1970s, in which he postulated the existence of a world magnetic energy grid system, extrapolated from maps of UFO sightings plotted following his original sighting over Auckland in 1952.

Despite the often too-close attentions of the intelligence community over the years, Bruce Cathie has relentlessly continued his research. In this latest work, he sets out the harmonic unified equation that extends Einstein's $E = mc^2$ into a better understanding

of life, the Universe and everything. He has published a set of unified tables that researchers can apply to many areas of scientific endeavour. For example, the tables show that the harmonic of gravity acceleration is the reciprocal of the harmonic of the acceleration—or deceleration—of light: the 'speed' of light is a misnomer.

This book is certainly a must for Bruce Cathie fans, but also for those who would like to become more acquainted with key 'grid science' research and how it fits in with our scheme of things on planet Earth and the Universe beyond.

FORBIDDEN SCIENCE: Suppressed Research That Could Change Our Lives

by Richard Milton

Published by Fourth Estate Limited (1994), London, UK

ISBN 1-85702-188-6 (264pp hc)
Price: AUD\$39.95; STG£14.99; USD\$?
Available: **Australia**—Allen & Unwin; **UK**—Fourth Estate, 289 Westbourne Grove, London W11 2QA, ph +44 (071) 727 8993, fax +44 (071) 792 3176; **USA**—Trafalgar Square Publications, Box 257, Howe Hill Rd, North Pomfret, VT 05053, ph (802) 457 1911.

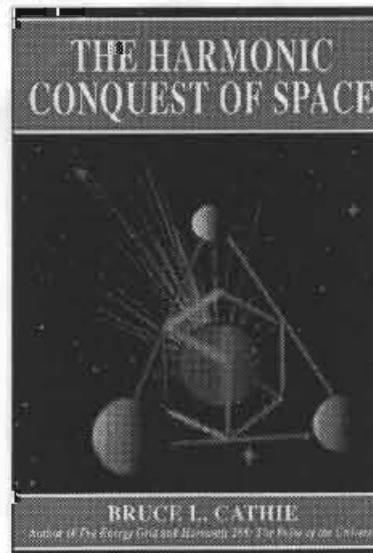
The Western reductionist scientific viewpoint has created a disturbing social and intellectual trend, according to author Richard Milton. It has bred a 'normalised' world view which suppresses any form of scientific dissent or alternative perspective.

Phenomena once described as 'paranormal' or 'alternative' have well and truly moved into the cold light of the lab, and ample evidence exists proving the reality of telepathy, bioenergy, psychokinesis, hypnotherapy, and other anomalous experiences. And, as

Milton points out, so many things we take for granted today were regarded with suspicion and derision when first invented or discovered—e.g., the electric lamp, the airplane, the telegraph, X-rays, to mention just a few.

In *Forbidden Science*, Richard Milton highlights modern examples such as the 1989 Pons/Fleischmann cold fusion discovery where the team's test results have been successfully duplicated in 92 labs in 10 countries, yet ignored by vested interests in officialdom, particularly in the US where open discussion on the subject is taboo.

If you've ever wondered why many great scientific breakthroughs and leaps in our universal understanding don't see the light of day, this book goes a long way in explaining how orthodoxy acts as a 'paradigm police force' through the ages.



REVIEWS



BOOKS

HOW TO AVOID THE COMING CRASH by Laurence F. Hoins

Published by Laurence F. Hoins (1994),
Nowra, NSW, Australia
ISBN 0-646-15647-0 (512pp pb)
Price: AUD\$59.00 (+ AUD\$10.00 p&h
Australia, AUD\$17.00 airmail to NZ,
AUD\$26.00 airmail elsewhere)
Available: Australia—Mountain View
Training Centre, Inc., PO Box 795, Nowra
NSW 2541, ph +61 (044) 23 2962, fax +61
(044) 23 0753.

This weighty tome comes perhaps not a
moment too soon from investigative writer
and financial consultant, Laurence Hoins,
whose previous title, *How To Screw Your
Bank* (1992), (reviewed in NEXUS
vol.2#12), helped earn him the wrath of the
Australian judiciary and banking establish-
ment, as well as a "battler's hero" tag.

Hoins believes a global economic crash far
worse than the 1929-33 depression is
inevitable, and his conclusion is compelling
based on evidence he presents on the history
and plans of the world economic, financial
and banking system.

This book is one eye-opening perspective
dealing with the overt and covert manipu-
lations that have been exerting various forms
of influence over humanity for millennia.

It has particular appeal for open-minded
conspiracy theorists with eyes on both profits
and prophets.

But it's useful for we 'little people' in that it
contains helpful checklists to prepare for
'best and worst case' scenarios. Well, we
have been warned.

A very thought-provoking book!

NOTHING IN THIS BOOK IS TRUE, BUT IT'S EXACTLY HOW THINGS ARE by Bob Frissell

Published by Frog, Ltd (1994), Berkeley,
CA, USA

ISBN 1-883319-01-3 (230 pp pb)
Price: AUD\$26.00; STG£10.99;
USD\$12.95

Available: Australia—Sydney Esoteric
Bookshop, 408 Elizabeth St, Surry Hills,
NSW 2010, ph (02) 212 2225, fax (02) 212
2448; **UK**—Bellevue Books, Unit E4,
Sunbury Int. Bus. Centre, Brooklands Way,
Sunbury, Middlesex, ph (0932) 76 5119;
USA—Adventures Unlimited, PO Box 74,
Kempton, IL 60946, ph (815) 253 6390.



This is an accessible guidebook to con-
sciousness expansion and evolutionary
progress which, in effect, restates age-old
knowledge, and in doing so reminds us of
our heritage as spiritual beings.

Author Bob Frissell tells his account pri-
marily through the experience of one
Drunvalo Melchizedek, a 'walk-in' being
who claims to be from the 13th dimension by
way of several vibration-stepping-down
incarnations along the way—on this occa-
sion, via a mutual spiritual pact with a male
human in 1972.

Part of Drunvalo's mission, as Frissell
writes, is to remind us that we can, through
understanding of sacred geometry and prac-
tice of a "Twenty Connected Breaths"
process, assemble within ourselves the uni-
versal pattern of creation—our own merk-
abah vehicles—which will facilitate the evo-
lution of our consciousness as well as that of
planet Earth. Enlightening reading.

THE MEDICAL MAFIA by Guylaine Lanctôt, M.D.

Published by Here's The Key Inc. (1995),
Miami, FL, USA

ISBN 0-9644126-0-8 (249pp pb)
Price: CAN\$19.95; USD\$14.95 + p&h

Available: Canada—Here's The Key Inc.,
PO Box 113, Coaticook, QC J1A 2S9;
USA—Here's The Key Inc., PO Box 223,
Morgan, VT 05853, ph (802) 895 4914, fax
(802) 895 4669.

This book was born out of a realisation that
unlimited health is possible but cannot be
achieved within a system that is more about
sickness than health care.

Canadian Dr Guylaine Lanctôt is a medical
doctor with 25 years' practice to her credit,
specialising in phlebology (vein disorders).



REVIEWS

She has been active in establishing clinics and training courses in the USA and Canada, in sponsoring the role of women, and in promoting holistic health practices through natural therapies.

Dr Lancôt posed some simple questions: if such therapies offer solutions for overall health, why do people still suffer deteriorating health and untimely deaths? The obstacle is the Medical Mafia, the real beneficiary of the medical system, comprising government, pharmaceutical and insurance industries, medical bureaucracy and other secret players and vested interests. Dr Lancôt details its plays, with special focus on three big lies: that vaccines protect us, that AIDS is contagious, and that cancer is a mystery.

To win back our health freedom, our main strength is the realisation of the power of individual sovereignty, the conscience. Dr Lancôt gives tips on how to apply this sovereignty, reminding us that, collectively, this is indeed a force to be reckoned with!

UNIVERSAL LAWS NEVER BEFORE REVEALED: KEELY'S SECRETS

Edited by Dale Pond

Published by The Message Company (1990, revised 1995), Santa Fe, NM, USA
ISBN 1-57282-003-9 (285pp pb)
Price: USD\$19.95 + p&h

Available: USA—Adventures Unlimited, PO Box 74, Kempton, IL 60946, ph (815) 253 6390, fax (815) 253 6300.

John Ernst Worrell Keely, born in 1837 in Philadelphia, USA, was a scientist who achieved considerable 'underground' recognition in his day, particularly amongst late-19th century occult science circles.

Keely developed the theory of sympathetic vibration, laying the groundwork for an

holistic approach to science which, more than a century later, is still just as valid in explaining our world—and still subject to scorn from closed-minded sceptics.

This compilation should inspire a few more inventive minds to carry on Keely's research into nature's dynamics. The Hydro-Pneumo-Pulsating-Vacuo motor Keely invented over 120 years ago remains a landmark development in free-energy research, with its simplicity and uncanny way of still revealing secrets to those who seek to understand.

Definitely a must for free-energy enthusiasts and for those who wish to get a better grasp on the fundamentals of physics, vibration, music and nature.

IMMUNIZATION THEORY vs REALITY:

Exposé on Vaccinations

by Neil Z. Miller

Published by New Atlantean Press (1995), Santa Fe, NM, USA

ISBN 1-881217-10-8 (204pp pb)

Price: AUD\$25.00 inc. p&h; USD\$7.95 + USD\$3.50 p&h in USA

Available: Australia—NEXUS Magazine, PO Box 30, Mapleton, Qld 4560, ph +61 (074) 42 9280, fax +61 (074) 42 9381;

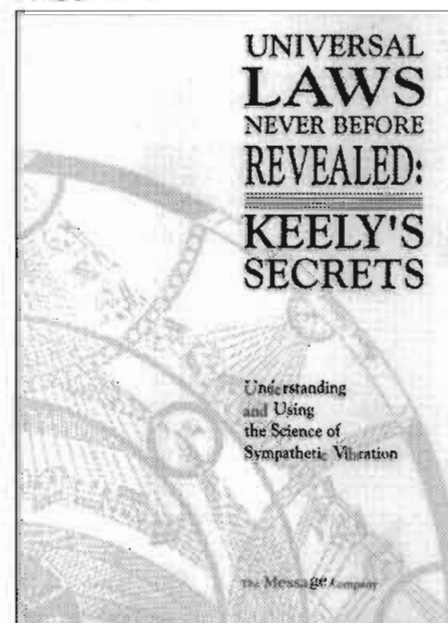
USA—New Atlantean Press, PO Box 9638, Santa Fe, NM 87504, ph (505) 983 1856.

This is the newest book with the latest information on the case against vaccinations—an issue which is not going to disappear. Indeed, it is only a matter of time before massive class-action suits are successfully enacted against the perpetrators of this massive fraud.

Our article, "Gulf War Guinea Pigs", was extracted from this book. Gulf War Syndrome is an extreme case of vaccination experimentation gone mad.

This book is an excellent compilation of statistics and research, proving on every level that vaccinations are a fraud. It exhumes incredible data on those wonderful graphs we see on the TV news, showing how disease has dropped since the introduction of vaccines. If you examine the real graphs in context, you will see that we are being told lies: not exaggerations or mistakes, but lies.

If you are facing or, like myself, have had to face the decision to vaccinate loved ones, take note of the debate that is raging and get informed. You will decide from the research, as I did, that there is no evidence for vaccination, and heaps of evidence to show that it is an unnecessary and life-threatening practice.



REVIEWS



BOOKS

THE PIED PIPERS OF HEAVEN: Who Calls The Tune?

by L. Kin

Published by Edition ScienTerra (1994),
Verlagsgruppe VAP, Wiesbaden, Germany
ISBN 3-922367-28-3 (354pp pb)
Price: AUD\$35.00 inc. p&h (+ AUD\$6.00
airmail to NZ); DM40.00; STG£16.00;
USD\$27.00 + p&h
Available: **Australia**—Ray Harman, 49/49
Leader Street, Goodwood, SA 5034, ph (08)
271 5229, (088) 54 4044; **Germany**—VAP
Book Service, PO Box 1180, D-32352
Preussisch-Oldendorf, ph +49 (5742) 93
0455; **UK**—D. H. Books, PO Box 176, East
Grinstead, Sussex RH19 4FU; **USA**—Art
Matrix, PO Box 880, Ithaca, NY 14851.

Various 'new age' techniques such as medi-
tation have brought an awareness of man's
position in the spiritual cosmos; "chan-
nelling" has opened communication lines
with beings from other worlds; UFOlogists
observe extraterrestrial activities and warn
this planet's population of imminent dangers.
The Pied Pipers of Heaven explores yet
another facet within this context.

One might say that it concerns itself with a
rather specific view of the world—that of
Ron Hubbard and his adherents. (Please
note that neither author nor publisher is con-
nected with the Church of Scientology nor
any of its organisations.)

Hubbard's view of the world might be
boiled down to the simple statement that
planet Earth has been in the process of being
conquered, colonised and practically
enslaved by extraterrestrial powers for mil-
lennia. Hubbard, by the way, is not the only

one to have said as much.

Subjects covered include Spirits, Ghosts,
Demons, Implants, Enlightenment, The Mind
and The Brain, the Aether, Prana, Life Force,
Healing Power, and much, much more.

Chapters 3 and 4 give an account of the
history of this universe and centre around the
myth of Xenu, a mighty spirit Hubbard iden-
tified as controlling the fate of the world.
Chapter 5 follows with a general interpreta-
tion of the data accumulated so far, specifi-
cally with reference to the political and cul-
tural position of Earth within this galaxy.
Very interesting!

FORTEAN STUDIES—Volume 1

Edited by Steve Moore, produced by Bob
Rickard for *Fortean Times*

Published by John Brown Publishing Ltd
(1994), London, UK

ISBN 1-870870-557 (350pp pb)

Price: AUD\$50.00 inc. p&h (AUD\$60.00
airmail to NZ); STG£19.99 inc. p&h;
USD\$44.00 or STG£22.00 inc. p&h in USA

Available: **Australia**—Richard Gwynn-
Seary, 5 Eureka Ct, 9 Palm Ave, Ballara,
Qld 4507, ph (07) 408 9506, fax (07) 408
0027; **UK**—*Fortean Times*, 20 Paul Street,
Frome, Somerset BA11 1DX, ph/fax +44
(01373) 45 1777; **USA**—*Fortean Times*, PO
Box 754, Manhasset, NY 11030, ph (516)
627 3836, fax (516) 627 1972.

From the editors of *Fortean Times*, the
journal of strange phenomena, this is the first
in a new series of volumes of collected origi-
nal source materials and scholarly research
articles exploring the vast range of anomalies
called "Fortean"—in honour of Charles Fort
(1874-1932), the American iconoclast who
pioneered their collection and study.

The series is intended as a repository of

contemporary Fortean research from around
the world, particularly articles which are too
long and too academic to feature in the mag-
azine itself.

Subjects include: the Luminous Owls of
Norfolk, the New England Airship Invasion
of 1909; the Devil's Hoofmarks; the Case for
the Giant Octopus; the Leopards of the
Grand Turk; Ancient Chinese Automata; the
Lake Constance Phenomena; and more.

Serious Fortean researchers will appreciate
the Index to *Fortean Times* 1993 at the back
of the book, listed in a variety of formats.

THE ALLAGASH ABDUCTIONS: Undeniable Evidence of Alien Intervention

by Raymond E. Fowler

Published by Wild Flower Press (1993),
Tigard, OR, USA

ISBN 0-926524-22-4 (350pp pb)

Price: AUD\$34.00; STG£15.95;
USD\$16.95 + USD\$3.00 p&h in USA

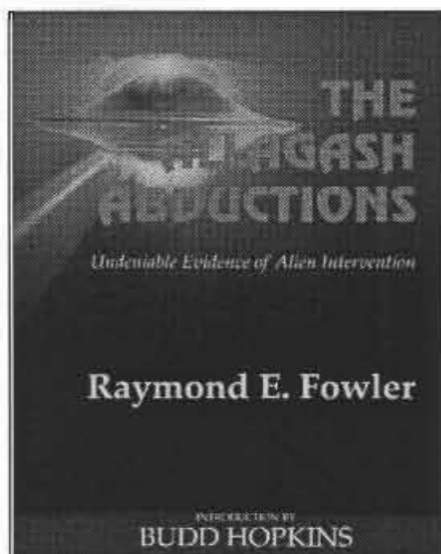
Available: **Australia**—Sydney Esoteric
Bookshop, 408 Elizabeth St, Surry Hills,
NSW, 2010, ph (02) 212 2225, fax (02) 212
2448; **UK**—Bellevue Books, Unit E4,
Sunbury Int. Bus. Centre, Brooklands Way,
Sunbury, Middlesex, ph (0932) 76 5119;
USA—Wild Flower Press, PO Box 726,
Newberg, OR 97132, ph (503) 538 0264, 1
800 366 0264, fax (503) 538 8485.

How does one go about proving that UFO
abduction reports are real? One way would
be to find one iron-clad case that provided
overwhelming evidence that could not be
denied in a court of law. This book docu-
ments such a case.

It involves four highly credible persons
who all shared the same conscious close-
encounter with a UFO in 1976 during a



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canoe trip along the Allagash Waterway in the wilderness of Northern Maine. This case has been dubbed "the Allagash abductions". All four witnesses experienced missing time and each relived a detailed and complementary UFO abduction experience under hypnosis. Two of the abductees are identical twins, which was of great interest to their alien abductors.

The author's inquiry revealed that each of the witnesses exhibited the typical benchmarks characteristic of other abductees, which included:

(1) alien interest in the reproduction system, including the extraction of sperm from each of them; (2) a series of UFO and related paranormal experiences dating back to early childhood and right up to the present time (20 May 1988); (3) physical scars on their bodies that are typical of those on other UFO

abductees; and (4) the overnight appearance of a lump above the tibia of one of the twins which was removed by surgery and, unknown to the twin, sent to an Air Force installation for analysis.

The documentation afforded by this case alone would evoke a positive response from an unprejudiced jury that UFO abductions are real physical events.

A thoroughly researched book.

FATS THAT HEAL—FATS THAT KILL:

The complete guide to fats, oils, cholesterol and human health

by Udo Erasmus

Published by Alive Books (1987, revised 1993), Burnaby, BC, Canada

ISBN 0-920470-38-6 (456pp pb)

Price: AUD\$33.00 + \$AUD7.00 p&h in

Aust; CAN\$27.95; STG£21.95; USD\$22.95

Available: Australia—Natural Therapy Products, PO Box 252, Turrumurra, NSW 2074, ph/fax (02) 44 7552; Canada—Alive Books, 7436 Fraser Park Drive, Burnaby, BC V5J 5B9, ph (604) 435 1919, fax (604) 435 4888; UK—Bellevue Books, Unit E4, Sunbury Int. Bus. Centre, Brooklands Way, Sunbury, Middlesex, ph (0932) 76 5119.

Fats! The very mention of the word makes most people shudder. Is this because we know what fats do? Or is because we have been repeatedly told by advertising agencies that fats are bad for us?

Well, you may be surprised to learn that there are fats that heal, and there are fats that kill.

The fats that kill are found in margarine, shortenings and heated oils. The original oils used for these substances are healing fats, but the manufacturing process itself turns these healing fats into killing fats.

Healing fats are required, together with other nutrients, to prevent and reverse so-called "incurable" degenerative diseases, e.g., heart disease, cancer and Type II diabetes. Healing fats also help reverse arthritis, obesity, PMS, allergies, asthma, skin conditions, fatigue, yeast and fungal infections, addictions, certain types of mental illness, and many other conditions.

This book also contains current research on common and less well-known oils with therapeutic potential: flax, hemp, olive, fish, evening primrose, borage, black currant, and even the much maligned snake oil. You may be shocked and surprised at what you learn.

CHRONIC FATIGUE SYNDROME, AIDS & IMMUNE DYSFUNCTION DISEASE:

The Cause and The Cure

by Suzann Marie Angelus

Published by Symbolic Productions (1994), Moraga, California, USA

ISBN 0-9640559-9-6 (223pp pb)

Price: STG£14.95; USD\$15.95 +

USD\$2.50 p&h (o/s p&h, phone for quote)

Available: UK—Bellevue Books, Unit E4, Sunbury Int. Bus. Centre, Brooklands Way, Sunbury, Middlesex, ph (0932) 76 5119; USA—Symbolic Productions, PO Box 6705, Moraga, CA 94556, ph (510) 631 0360, ph 1 800 615 6011, fax (510) 256 7428.

Stricken with Chronic Fatigue Syndrome over 15 years ago, Suzann Marie Angelus tells her personal story of pain, despair, and finally triumph over this crippling disease.

Her unhappiness with establishment medical treatment prompted her own research into the cause of CFS using alternative healing methods. Unable to work, and basically an invalid for 12 years, she left no stone unturned in her determination to heal herself.

REVIEWS



BOOKS

You will be taken on a step-by-step journey from disease to wellness. You will share her research and discoveries about the cause of immune disorder: toxic chemicals, organophosphate pesticides and nerve gas chemicals, radiation and nuclear waste.

Other subjects covered include: the real cause of CFIDS, AIDS and Immune Dysfunction Disease; the source of systemic candida, bacterial and viral infections; the role of genetics in immune disorder; and why traditional science has not found a cure.

SECRET AND SUPPRESSED:

Banned Ideas and Hidden History

Edited by Jim Keith

Published by Feral House (1993), Portland, Oregon, USA

ISBN 0-922915-14-8 (313pp pb)

Price: AUD\$26.00; STG£11.95;

USD\$12.95

Available: **Australia**—Sydney Esoteric Bookshop, 408 Elizabeth Street, Surry Hills, NSW 2010, ph (02) 212 2225, fax (02) 212 2448; **UK**—NEXUS UK Office, 55 Queens Rd, E. Grinstead, W. Sussex, RH19 1BC, ph (01342) 32 2854, fax (01342) 32 4574; **USA**—Feral House, PO Box 3466, Portland OR 97208-3466, ph (503) 236 8375.

BLACK HELICOPTERS OVER AMERICA

Strikeforce for the
New World Order

As the title of this compilation suggests—and as NEXUS readers would be well aware—there's a whole world of important ideas and significant facts that don't make it to the mainstream.

Here, editor Jim Keith has drawn together some favourite conspiracy subjects from key writers in their fields. *Secret and Suppressed* is divided into sections covering 'menticide', i.e., mind control, cults and casualties (Jim

Jones, Jim Morrison), the disinformation plague (Gulf War lead-up), and the elite controllers (from "AIDS: An Act of God or the Pentagon?" to the Vatican Library's secrets).

Some readers may disagree with the information as presented; others may well be shocked to realise how 'the truth' becomes just as much a casualty today as it has right through the ages. Yet this compendium serves as a guide to alternative views of history, and so has great value as a conspiracy reader for novice and initiate alike.

PYRAMIDS OF MONTAUK:

Explorations in Consciousness

By Preston B. Nichols and Peter Moon

Published by Sky Books (1995), Westbury, NY, USA

ISBN 0-9631889-2-5 (260pp pb)

Price: AUD\$40.00; STG£14.50;

USD\$19.95

Available: **Australia**—Sydney Esoteric Bookshop, ph (02) 212 2225, fax (02) 212 2448; **UK**—Bellevue Books, Unit E4, Sunbury Int. Bus. Centre, Brooklands Way, Sunbury, Middlesex, ph (0932) 76 5119; **USA**—Adventures Unlimited, PO Box 74, Kempton, IL 60946, ph (815) 253 6390, fax (815) 253 6300.

This, the third book in the Montauk series, continues this incredible saga that centres around covert activities at Montauk Base, on Montauk Point, Long Island, New York.

With its special placement on the Earth grid, Montauk is shown to have connections with ancient Egypt, Atlantis, Mars and Sirius—thus providing greater insight into secret government/society workings today.

Preston Nichols and Peter Moon provide plenty of new information about time travel, sacred geometry, psychotronic weaponry and mind control, and even a nuclear particle accelerator now sited at Montauk Base. To top it off, they treat us to a fascinating short (occult) history of the world which is guaranteed to spark a few neural circuits in imaginative minds.

Pyramids of Montauk is definitely a must-read for those familiar with the first two Montauk books. For those unfamiliar, we recommend you catch up quickly!

BLACK HELICOPTERS OVER AMERICA:

Strikeforce for the New World Order

by Jim Keith

Published by IllumiNet Press (1994), Lilburn, Georgia, USA

ISBN 1-881532-05-4 (155pp pb)

Price: AUD\$26.00; STG£11.95;

USD\$12.95

Available: **Australia**—Sydney Esoteric Bookshop, 408 Elizabeth St, Surry Hills, NSW 2010, ph (02) 212 2225, fax (02) 212 2448; **UK**—Bellevue Books, Unit E4,



REVIEWS

Sunbury Int. Bus. Centre, Brooklands Way, Sunbury, Middlesex, ph (0932) 76 5119; USA—Adventures Unlimited, PO Box 74, Kempton, IL 60946, ph (815) 253 6390, fax (815) 253 6300.

Black helicopters and tanks, men in black uniforms, secret black budgets, black science—these are dark days indeed for America and the world, judging by Jim Keith's exposé of the US and its Constitution being taken over by elite military controllers hell-bent on war against the citizenry.

Since the early 1970s, flights of choppers, painted black and bearing no insignia, have been documented in a multitude of locations across America, often in association with mysterious cattle mutilations but also with terror tactics directed against the populace.

But, since 1993, the character of these sightings has changed: unmarked black helicopters are now regularly seen flying in formation over urban, suburban and rural areas throughout the US, and involved in covert military operations and 'urban terrorism' training exercises using American and foreign troops. You have been warned!

VIDEOS

THE SCIENCE OF ETERNITY

Presented by Alan Pemberton

Produced by Summerlands Publishing Ltd (1994), East Sussex, UK

Price: STG£12.50 + STG£1.50 p&h in UK (o/seas orders, phone for postage quote) (60mins PAL/VHS)

Available: UK—Summerlands Publishing Ltd, "Helios", Gillsmans Hill, St Leonards-on-Sea, East Sussex TN38 OSP, ph +44 (0424) 44 4800, fax +44 (0424) 44 4055.

This is a must-see video! From the cover (and the ad on page 70), one could get the impression that this is a spiritualistic mumbo-jumbo presentation—but not so.

The most fascinating aspect about this video is the science involved. If you are wondering, as I was, how science can prove let alone explain life after death, then I suggest you watch this video. You will keep thinking about it for days!

NEXUS science readers will be most interested to note that the mathematical models presented by Ron Pearson, B.Sc. (Hons.) to describe a greater view of reality which incorporates death as a continuation, are inherently based on the existence of an aether.

Don't be put off by the science: there are some spectacular examples of cases where dead people have appeared physically in front of dozens of witnesses, and on a regular basis. These cases alone make the video worth viewing.

Overall, a well-produced, well-presented video that should appeal to NEXUS readers.

VITAL FLOWS

Lecture with Callum Coats

Produced by Rainbow Region Astro (1993), Byron Bay, NSW, Australia

Price: AUD\$80.00 inc. research notes & p&h in Australia (overseas, add 20%) (6hrs PAL/VHS)

Available: Australia—Cliff Pound, Rainbow Astro, PO Box 202, Bangalow, NSW 2479.

These two 3-hour videos are of a lecture given by Callum Coats in Lismore, NSW, during the first part of 1993.

The lecture is extensive and thorough, covering all aspects of Victor Schaubberger's life, discoveries and research into water and its multitude of uses.

Schauberger's main line of research involved water or, more specifically, the utilisation of the flow and shape of flow of water. Offshoots of this research led him to power his own house in the early part of this century, as well as pioneer ways to harness the healing effects of certain types of water.

Those interested in sacred geometry (the golden ratio, *phi*, tetrahedral geometry, and so on) will also gain much from these video lectures, as Schaubberger's research opens avenues of investigation into the fundamental relationship geometry has with all life.

These videos are a must for all the 'mad scientists' out there!

THE BRUCE DEPALMA N-MACHINE

Lecture on Theory & Construction

Produced by Rainbow Region Astro (1993)

Price: AUD\$45.00 inc. notes & p&h in Australia (o/seas add 20%) (3hrs PAL/VHS)

Available: Australia—Cliff Pound, Rainbow Astro, PO Box 202, Bangalow, NSW 2479.

Definitely a video for the scientists out there. After three hours of this, you'd go crazy if you didn't have some understanding of the aether, or the theory of vacuum space zero-point energy density.

This video certainly does cover what the subtitle suggests—theory and construction. It starts off with a lengthy lecture by Adam Trombley, at the 1989 SAFE (Swiss Association for Free Energy) Conference in Switzerland, on the theory of vacuum space zero-point energy density, and is followed by Bruce DePalma's talk to the Tesla Society Conference a few years ago.

For those readers who haven't a clue what I'm writing about, Bruce DePalma is a scientist who came up with what is commonly known as the N-machine. N-machine technology involves rotating magnetic fields and inertial field disturbance. DePalma's work on the N-machine has been furthered by Dr Shuji Inomata at MITI, Japan, and Paramahansa Tewari, of the Nuclear Power Corporation in India.

REVIEWS



VIDEOS

THE MIDWAY SIGHTINGS: UNCLASSIFIED FOOTAGE

A José Escamilla Presentation

Produced by Ultimate Dinosaur Productions (1994), in association with E3, USA

Price: AUD\$29.95 + AUD\$2.00 p&h Aust/NZ (o/s add \$AUD6.00) (30mins PAL/VHS)

Available: Australia—Blue Room Productions, PO Box 763, Glenelg, SA 5045.

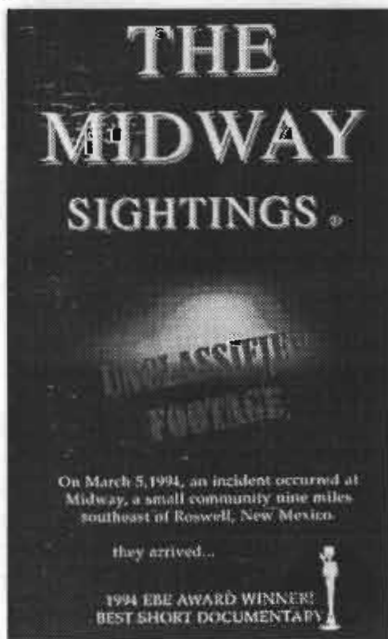
A short but interesting video, especially if you are into UFOs. The advent of home video cameras will, I am sure, result in many more presentations like this.

This is not a documentary; it is literally a compilation of home-movie UFO footage, taken from Midway, near Roswell, New Mexico, USA, between 5th March and 27th September 1994.

If you are expecting close-ups showing rivets and seams on these objects, forget it. What you do see are some intriguing 'things' darting about the sky, or hovering motionless for long periods of time.

One of my favourites is the one where we are watching a stationary UFO hovering near a cloud. Eventually the cloud appears to be caught by the UFO's 'slipstream' and it starts spinning in a vortex formation (something which greatly excited the camera operators, I might add!). The end result looked like a 'cloud tornado'—quite something!

One segment shows what appears to be a jet airplane being 'tagged' on its tail-fin by a fast-flying object which appeared to move like a school of fish darting about in water.



AUDIO

FOR AN INFORMED CHOICE

Compiled by Immunisation Awareness Society Inc. (1995), Auckland, New Zealand

Price: NZD\$9.50 inc. p&h in NZ (o/seas airmail, add NZD\$1.50) (cassette only)

Available: New Zealand—VINE, PO Box 21-654, Henderson, Auckland 8, ph/fax +64 (09) 836 5555.

This is a vital tape in the debate on vaccination that's rumbling through society today. *For an Informed Choice* was put together by the Immunisation Awareness Society (IAS) of New Zealand from public talks and radio interviews with leading doctors and researchers in the fields of vaccination, immunology and health.

Speakers are Dr Lisa Lovett, James Hilton, Dr Eva Snead, Wendy Lydall (IAS) and Dr Viera Scheibner. You'll find some stunning statistics on vaccines and their effects. The connections linking vaccinations to SIDS, asthma, AIDS, brain damage, and other chronic diseases are examined by several of the speakers.

The most engaging and fascinating discussion is between Wendy Lydall of IAS and a National Radio journalist who interviews her on air. The journalist is incredulous that Wendy could even believe that vaccinations don't work and that they have side-effects.

Their on-air session is an excellent example of how mainstream society and the general media lack essential knowledge on this important issue.

If you or your friends are worried about vaccines but haven't decided whether or not to be vaccinated or have children immunised, this tape is an excellent choice to help make up your mind.

Thoroughly recommended!

RETURN

by Sophia

Produced by Sophia/Hidden Waters Sound Sanctuary (1994), Carmel Valley, CA, USA
Price: USD\$10.00 (cass.), USD\$16.00 (CD) + USD\$2.00 p&h (+ o/s p&h) (52mins)

Available: USA—Ivory Moon Recordings, 22 Rutgers Rd, Wellesley, MA 02181, ph (617) 237 6686, 1 800 515 8515, fax (617) 235 6789.

Here is an album with the most graceful, heavenly sounds of Sophia, a woman drawing her inspiration from the deep, meditative, joyful recesses of her mind, body and spirit.

Return is a blend of spiritual and transcendental sounds, backed by the extraordinary keyboards of Raphael (from Music To Disappear In!). Her creamy, satin voice slides through a range of visionary and sacred songs which give power to the depth



REVIEWS

AUDIO

of her flowering harmonies. All are backed up by bamboo flute, violin, tablas, Indian dotar, native percussion and the most soothing devotional singing, giving a strong Middle Eastern/Indian flavour.

In the cover notes, Sophia talks of using sound to invoke the return of the goddess to our planet. She has achieved this worthy purpose on *Return*. Strong, healing music. Very highly recommended.

TOOLS FOR SELF-DISCOVERY VOLUME 1—THE BRAIN TAPE

by Arden & Jack Wilken

Produced by Inner Sound/New World Productions (1993)

Price: AUD\$18.95 (cass. only) (60mins)

Available: Australia—New World Productions, PO Box 244, Red Hill, Qld 4059, ph +61 (07) 367 0788, fax (07) 367 2441.

This is one of a series of thirteen tapes by Arden and Jack Wilken who have been researching developments in human potential since 1978.

The music on these tapes arises from their work with fifteen years' cross-cultural study of sound and emotion. The music is recorded with what's called a Spectrum Resonance System (SRS) and is best used with headphones.

The Brain Tape consists of two parts. Side One uses strings to take the listener through four brainwave states. Side Two uses sounds of strings and harpsichords to help balance the left and right hemispheres of the brain. The effects help boost the intuitive, inspirational side of the self.

This tape, and others in this valuable series, should greatly assist the brain get its act together.

WILD HONEY DREAMING

by Riley Lee & Matthew Doyle

Produced by New World Productions (1993), Red Hill, Qld, Australia

Price: AUD\$18.95 (cass.), AUD\$25.95 (CD) + AUD\$5.00 o/s p&h (57mins)

Available: Australia—New World Productions, PO Box 244, Red Hill, Qld 4059, ph +61 (07) 367 0788, fax +61 (07) 367 2441.

Riley Lee is a grand master of the Japanese Shakuhachi traditional flute, and Matthew Doyle is an Aboriginal dancer and didgeridoo player who has taught and performed around the world.

Together they play two traditional wind instruments associated with the spiritual aspects of their respective cultures. Both instruments require the breath being transformed by the player in total mental and physical concentration. In this album, the

two instruments blend into a gentle and deep journey to the world of the spiritual essence of Australia. I found it a quiet exploration into the inner world of music.

Wild Honey Dreaming is an album for creating a sense of peace in your world and for climbing aboard the sounds to take a trip into the heart of our planet.

Highly recommended.

INSPIRATIONS

by Clifford White

Produced by 21st Century Music (1994), Edgware, Middlesex, UK

Price: STG£6.95 + STG£1.00 p&h (cassette only) (55mins)

Available: UK—21st Century Music, PO Box 235, Edgware, Middlesex HA8 6SW, ph +44 (081) 951 0413.

Clifford White has a number of releases out in the UK. This, his newest offering, conjures up an atmosphere of joy and lightness, weaving pleasant romantic spells through all the tracks.

Inspirations is an album you could play when feeling down with your worries and troubles, and it's sure to lift the spirits back whence they came. These very pleasant, light melodies whisk you along across fields of flowers and trees.

Clifford White has produced an easy-listening album that will appeal to a wide range of tastes. Recommended.

TIME DREAMS

by Bruce BecVar

Produced by Shining Star Productions (1994), USA. (75mins)

Price: AUD\$18.95 (cass.), AUD\$28.95 (CD); USD\$10.00 (cass.), USD\$16.00 (CD)

Available: Australia—Wild Eagle Trading, PO Box 260, East Kew, Vic. 3102, ph (03) 859 3275, fax (03) (03) 819 7182; **USA**—Gus Swigert Management, 1537 Fourth St, #197, San Rafael, CA 94901, ph (415) 456 6568.

Bruce BecVar has a fine collection of albums dating back to 1986. This one is a selection of some of his best, with six new recordings added. It's a wonderful selection showing BecVar's mastery of the guitar, with tracks influenced by flamenco, ambient-relaxation and jazz music styles. He uses acoustic, electric and steel guitars along with a variety of percussion, and gives us an incredibly generous helping of 75 minutes of his sensitive, genuine music.

Time Dreams is an album that I can play again and again, with its appealing sounds carrying through the full spectrum of his masterful playing. It's a treat to hear. I can guarantee that if you buy it, you'll not be able to put it down. This is very highly recommended.

Continued from page 29

heating.' Lysozyme and antibody degradation in the coolest samples may simply reflect the development of small hot spots—potentially 60°C or above—during microwaving, noted Madeleine Sigman-Grant of Pennsylvania State University, University Park. And that's to be expected, she said, because microwave heating is inherently uneven—and quite unpredictable when volumes less than four millilitres are involved, as was the case in the Kerner's study.

"Goldblum considers use of a microwave to thaw milk an especially bad idea, since it is likely to boil some of the milk before all has even liquefied. Stanford University Medical Center no longer microwaves breast milk, Kerner notes. And that's appropriate, Sigman-Grant believes, because of the small volumes of milk that hospitals typically serve newborns—especially premature infants."

CHASING A STORY

Journalist Tom Valentine, after chasing this story, found it interesting that 'scientists' have so many 'beliefs' to express rather than prove fact. Yet facts eventually

snuff out credential-based conjecture.

Researcher Quan, in a phone interview, said that he believed the results of research so far warranted further detailed study of the effects of microwave cooking on nutrients. The summary sentence in an abstract of the research paper is very clear:

"Microwaving appears to be contra-indicated at high temperatures, and questions regarding its safety exist even at low temperatures."

The final statement of the study conclusion reads:

"This preliminary study suggests that microwaving human milk could be detrimental. Further studies are needed to determine whether and how microwaving could safely be done." Unfortunately, further studies are not scheduled at this time.

If there are so many indications that the effects of microwaves on foods can degrade the foods far above the known breakdowns of standard cooking, is it not reasonable to conduct exhaustive studies on living, breathing human beings to determine if it's possible that eating microwaved foods continuously, as many people do, can be significantly detrimental to individual health?

If you wanted to introduce a herbal supplement into the American mainstream and make any health claims for it, you would be subjected to exhaustive documentation and costly research. Yet the microwave-oven industry had only to prove that the dangerous microwaves could, indeed, be contained within the oven and not escape into the surrounding area where the radiation could do damage to people. The industry must admit that some microwaves escape even in the best-made ovens. So far, not one thought has been given by the industry to the possibility that the nutrients could be so altered as to be deleterious to health.

Well, this makes sense in a land that encourages farmers to poison crops and soils with massive amounts of synthesised chemicals, and encourages food processors to use additives that enhance shelf-life of foods regardless of the potential for degrading the health of the consumer.

How many hundreds of pounds of microwaved food per capita is consumed in America each year?

Are we going to continue to take it from established authority, without question, on the premise that *they* know best? ∞

Reproductive Dysfunction:

Additional confirmation regarding the potential damage inflicted on Gulf War personnel—and insight into the magnitude of the problem—continues to accrue. For example, on 5 August 1994,

United States General Accounting Office released testimony given before the Senate Committee on Veterans' Affairs. Here are a few brief excerpts:

OPERATION DESERT STORM

POTENTIAL FOR REPRODUCTIVE DYSFUNCTION IS NOT BEING ADEQUATELY MONITORED

Statement of Kwai-Cheung Chan, Issue Area Director Program Evaluation and Methodology Division

"We are here today to present our report on possible reproductive dysfunction among the US armed forces who served in the Persian Gulf War. Since their return from the war in the Persian Gulf, many veterans have complained of a variety of health problems including reports of an increased number of birth defects and other reproductive problems. It is now known that before, during, and after the war, US troops were exposed to a variety of potentially hazardous substances. These include but are not limited to...investigational drugs and vaccines.

"Questions remain unanswered concerning the potential reproductive and developmental dysfunction that may have occurred..."¹¹⁴

Despite vaccine propaganda claiming the shots are safe and effective, consumers should beware of these potentially dangerous drugs and the unscrupulous forces pressing for our conformity. If you're still unsure as to the safety of vaccines and immunisations, seek out additional information until you're positive the decision you are making is yours alone, and is the right one. ∞

(Editor's Note: It has since come to light that over 500 UK Gulf War veterans are seeking compensation for Gulf War Syndrome. A news item screened on ABC TV's World At Noon, 28 February 1995, indicated that the vaccines and immunisations received by the soldiers were the chief suspected culprits for GWS.)

Footnotes:

100. Geoffrey, Cowley, et al., "Tracking the Second Storm", *Newsweek*, 16 May 1994, p. 56.

101. David Brown, "Diagnosis Unknown: Gulf War Syndrome", *The Washington Post*, 26 July 1994, p. A1.

102. See Note 100.

103. David France, "The Families Who Are Dying For Our Country", *Redbook*, September 1994, p. 116.

104. *Ibid.*, pp. 116-17, 148.

105. *Ibid.*, pp. 116-17.

106. *Ibid.*, pp. 114+.

107. See Note 101, p. A8.

108. See Note 103, p. 117.

109. See Note 100, p. S7.

110. Senator John D. Rockefeller, IV, Chair, "Is Military Research Hazardous to Veterans' Health? Lessons from the Cold War, the Persian Gulf and Today", Opening Statement, Committee on Veterans' Affairs, United States Senate, 6 May 1994.

111. Diana Zuckerman, Ph.D. and Patricia Olson, D.V.M., Ph.D., "Is Military Research Hazardous to Veterans' Health? Lessons from the Persian Gulf", Preliminary Staff Findings, Committee on Veterans' Affairs, United States Senate, 6 May 1994.

112. *Ibid.*, pp. 15+.

113. *Ibid.*

114. "Operation Desert Storm: Potential for Reproductive Dysfunction Is Not Being Adequately Monitored", Statement of Kwai-Cheung Chan, Issue Area Director, Program Evaluation and Methodology Division, United States General Accounting Office, before the Senate Committee on Veterans' Affairs, 5 August 1994.

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certainly surface? The questions may seem so daunting that your current life becomes a sort of 'false reality' in which there are no global threats and in which there is a continuance of life the way it has always been... *Viva post hoc; ergo viva prompter hoc.* I am reminded of Neville Shute's *On the Beach* scenario.

If, however, you believe that there is an afterlife for you when you die, then your options are not limited to the physical preparations. Certainly, you should still choose your domicile wisely, based upon what limited information you might gain beforehand.

However, your mind will be more open to direction from unseen intelligences and powers (whether they be for good or for evil). Your first consideration will always be to consider the long-term view of your life after this one. Your life in this world will not hold as much value as it once did because you will be preparing for the better, longer life... (Here, I must remind you that I speak from a Judeo-Christian perspective of Life, Death, The Universe and that sort of thing.)

We must all be discerning in our choice of spiritual help during these troubled times. We must seek out the advice of those beings who really are from the Creator of the Universe—not the ones who falsely pose cleverly as true 'messengers of illumination, peace and security' from the Creator. The latter tend to be secretive and oriented to materialism.

Certainly, preparing for physical needs is important for the spiritual person as well, but it will be a preparation based upon sharing rather than sequestering of resources. The Aboriginal people of Australia have had this philosophy for thousands of years. It is so foreign to us in the modern world that we do not recognise it as a valuable lesson—but we should. Those of us who will survive the future in this world will have to learn from them or perish. There will be no other long-term solution.

In fact, I am reminded of a tale related to me by an Aboriginal friend of mine some twenty years ago. His grandfather was a fully-initiated tribal elder in one of the central tribes near the Alice. According to the "Old One" in the Dreamtime legends, there is a warning of the time when great climat-

ic disasters will strike Australia's coastlines. During these times, there will be mass migrations of the Australian coastal dwellers inland to the hills and mountains. The Aborigines are told to prepare for that day so that they may help their white brothers to survive. Signs in the behaviour of emus, kangaroos and ants will tell them when the time is near. This would be a good time to make friends with the full-blood tribals who do not need all the 'things' we would need to live in the bush. Why carry stuff you can make or harvest from the environment as they have done for generations?

In many prophetic writings there are promises of a great and enduring period of peace on Earth after these large-scale disasters. The Bible predicts it; Mother Shipton predicts it; the Koran predicts it; and Nostradamus predicts it. My whole household and I believe it will happen—so, if you don't mind, we will pray that you and your household will know the Truth of these things as well. Do consider the biblical warnings and the promises of help during and after these terrible disasters. We will not be without real, physical and spiritual help. We have never been 'alone'.

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Consider the following revelations and warnings from the "The Lion of Judah":

Matt. 24:6 — And ye shall hear of wars and rumours of wars: see that ye be not troubled: for all these things must come to pass, but the end is not yet.

Matt. 24:7 — For nation shall rise against nation, and kingdom against kingdom: and there shall be famines, and pestilences, and earthquakes, in divers places.

Matt. 24:8 — All these are the beginning of sorrows...

Rev. 8:5 — And the angel took the censer, and filled it with fire of the altar, and cast it into the earth: and there were voices, and thunderings, and lightnings, and an earthquake...

Rev. 16:12 — And I beheld when he had opened the sixth seal, and, lo, there was a great earthquake; and the Sun became black as sackcloth of hair, and the moon became as blood..."

Rev. 16:18 — And there were voices, and thunders, and lightnings; and there was a great earthquake, such as was not since men were upon the Earth, so mighty an earthquake, and so great...

If you are concerned for your safety and that of your friends and family, then I encourage you to take solace as I have from the words of Yeshua (Jesus) Ben Elohim (the Son of God) who says that it is His Father's (the Creator's) wish that no soul on Earth should perish and that every-one should have life everlasting. ∞

Footnotes:

1. John Eddy, at 1978 conference: "I suspect...that the Sun is 4.5 billion years old. However, given some new and unexpected results to the contrary and some time for frantic readjustment, I suspect that we could live with Bishop Usher's figure for the age of the Sun (approximately 6,000 years). I don't think we have much in the way of observational evidence in astronomy to conflict with that." Taken from an article by Dr Andrew A. Snelling, entitled, "Is the Sun Shrinking?" in *Creation, Ex Nihilo*, vol. 11, no. 1, Dec 1988 to Feb 1989, p. 15.
2. John A. Eddy, and Aram A. Boornazian, "Secular Decrease in the Solar Diameter, 1863-1953", *Bulletin of the American Astronomical Society*, vol. 11, 1979, p. 437.
3. Dr Andrew A. Snelling, "Is the Sun Shrinking?", *Creation, Ex Nihilo*, Dec 1988 to Feb 1989, vol. 11, no. 1, pp. 16-17.
4. John A. Eddy, in *Scientific American*, May 1977, vol. 236, no. 5, pp. 80-92. Also on p. 83: "I am convinced that in the time of the Maunder minimum [1650AD-1690AD], the streamered corona was

entirely absent or so dim that all one could see was the zodiacal light. ...I can find no description of a structured corona during any eclipse in any era before the Maunder Minimum!"

5. Solar wind: a continuous flux of protons and electrons emitted from the solar corona at about 350 to 700 kilometres per second. It is responsible for the deflection of comets' tails, and its collision with the Earth's magnetosphere produces shock waves in the Earth's magnetic field.

6. P. D. Jose, "Sun's Motion and Sunspots", *Astro. J.*, no. 70, 1965, pp. 193-200.

7. For maps on earthquakes and hazard zones in Australia, contact the Australian Geological Seismological Organisation (AGSO) sales office at: AGSO

GPO Box 378
Canberra, ACT 2601, Australia
Telephone: (06) 249 9519
Facsimile: (06) 249 9982

Professional enquiries may be made to Dr Kevin McCue on an InterNet e-mail address of: kevin@ausseis.gov.au

For more global data on earthquakes, contact Dr Glen Reagor for the Earthquake Database Information Packet, at the:
United States Geological Survey (USGS)
National Earthquake Information Center
Federal Center
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Denver, CO 80225-0046, USA
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