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NEXUS

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OCTOBER – NOVEMBER 2001

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NEXUS

NEW TIMES MAGAZINE

Volume 8, Number 6 OCTOBER – NOVEMBER 2001

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NEXUS MAGAZINE

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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

Welcome again to yet another thought-provoking edition of NEXUS Magazine. Each issue, as I sit to pen the editorial, I mentally glance back over the previous two months to see what 'sticks out'. First is the passing of a couple of inspiring 'crusaders' of alternative information. Ron Bonds, founder of IllumiNet Press, died a few months ago of suspected food poisoning, leaving many in the alternative publishing sector quite stunned. Ron was one of the few publishers brave enough to print politically incorrect books exposing corruption and conspiracies in high places within the USA.

And in August, the legendary Dean Stonier passed away, two days after another successful Global Sciences Congress. He was found, by his wife, suffering from an 'apparent' heart attack and rushed to hospital. He never recovered and was taken off his breathing machine four days later. He is indeed fondly remembered by many. Dean organised the Global Sciences Congress for nigh on 20 years. I remember in the mid-1980s, in Sydney, watching fifth-generation copies of converted ex-US-format videos of some of the first speakers at his congresses. Nearly all his speakers went on to write books or research papers and became key figures in their respective fields. I doubt that I would be doing NEXUS Magazine today if I had not been touched by the outcome of events organised by Dean Stonier.

Another thing that 'sticks out' recently is the growing amount of information coming forth that challenges conventional Christian history. Several reviews in this issue show new books and videos from totally unrelated sources, all questioning the 'accepted' version of the history of Jesus Christ, Mary Magdalene and even the Second Coming scenario. What is it that causes such synchronicity? I'm sure you will be hearing more about *The Bible Fraud*, *The True Third Secret of Fatima Revealed* and other related titles reviewed in this edition.

And speaking of good books, if you've enjoyed the cartoons in NEXUS over the last 10 years, you'll enjoy Phil Somerville's new book of cartoons, titled *I Am Moderately Fond Of Australia*. Phil and I, along with a variety of other characters, shared a house in Chatswood, Sydney, in the early 1980s, and it was a great pleasure that our paths crossed again years later—and in a mutually beneficial way.

Chemtrails are still falling from the sky, but they're not in the headlines of the mainstream news where they should be. We bring an important update from William Thomas on what has been found in samples taken for analysis, but this leaves us with yet more questions than answers. Read on!

Light is also falling from the sky, and readers will know from reading NEXUS articles that this is good for you! However, you probably do not know that organic life utilises light at a cellular level for communication of information. And there's more...

Former LAPD officer Mike Ruppert shines some light of his own on the murky world of how Wall Street interacts with CIA drug-running. Seriously folks, it has got to the stage that if the USA won its 'War on Drugs', Wall Street would take a dive. Illegal drugs, and the attendant money-laundering, are now an integral part of *global* economic stability.

This issue sees the final instalment of the Soviet Mind Power research series. By now you will have realised that the military-intelligence community of both the USSR and the USA treat 'psychic' espionage seriously, and have done so for years. And, of course, they do not want you to know this!

Coral Castle in Florida, USA, has been the subject of much speculation and mystery. Just how did a slightly built recluse move such multi-ton blocks? Bruce Cathie, author and researcher of some of the first books on the world energy grid system, applies his harmonic mathematics to the mystery of Coral Castle.

The crop circle season is over for the year, and as usual it ended with a grand finale! Whoever or whatever is making these incredible glyphs is getting more elaborate and more daring. The black-and-white pictures we publish do not do the formations justice, so be sure to visit the website www.cropcircleconnector.com to see their full magnificence.

There is a growing number of researchers claiming that the 'Tenth Planet', or 'Planet X', is due to pass close by Earth in mid/late 2003. I did a bit of digging around the Internet, and our Twilight Zone has some of the more interesting summaries on the Tenth Planet as well as prophecies for 2003. We'll be watching for developments, so stay tuned!

Finally, this issue marks the 'end of an era' here at NEXUS head office. Janine Carmichael, our office administrator for the last few years, is no longer gracing us with her presence. Instead, she is taking up the wonders of motherhood, with the birth of her first child expected soon. We wish her all the very best and miss her enormously. But while I'm at it, we give a warm welcome to her successor, Jenny Hawke; may she enjoy being with us as much as Janine did!

Duncan

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Letters to the Editor ...

Victory over Mycoplasma!

Dear Editor: Eight years ago I was diagnosed with a virus in my muscles. There was nothing the medical doctors could do. I was told that *if* I lived it would take one to two years for the virus to run its course and up to five years for me to recover. Their outlook for me was not good. I was told to get my life in order. I was 41 years old, with four teenage children and a husband.

A friend told us about a chiropractor knowledgeable in vitamins and convinced us that he could help me. Within three months he had me out of the wheelchair and walking again; but the illness kept attacking my body, causing everything from kidney failure to paralysis. I also fought with the fact that the disease left me with no immune system. A simple cold would put me in a crisis. The pain was awful, but each time my chiropractor and I fought with God's help.

This spring, after two more trips to the emergency room, the doctor concluded I had ALS [amyotrophic lateral sclerosis]. I was encouraged to continue seeing the chiropractor, for there was nothing the medical doctors could do.

I told my chiropractor about the ALS diagnosis and he found your article on Mycoplasma [see 8/05]. He then found the infection, and with the use of a biofeedback machine made by Nature Tronics he was able to kill the infection.

This all happened Monday, August 13, 2001. I was sick for two days as the infection left my body, and today [August 22] I am free from the illness. I no longer have trouble breathing or have muscle spasms and tremors after physical activity. I have lost 20 pounds of fluid, can walk without problems and can go all day without resting every hour. What a blessing your article was for me; I thank you so much.

I am just a farm wife from LeRoy, Minnesota, but need to tell others what has happened to me, for just maybe I can help someone else. Thanks again.

Janice E. Johnson, lhjohnso@smig.net

Death in the Name of Religion

Dear Editor: In the August-September 2001 issue of NEXUS [8/05] you have a very interesting article written by Tom Dark ("African Avatars and the Third Secret of Fatima"). I can relate very much to the reference made to the actions in history by the Church and split-off sects.

Having studied for about seven years in a Roman Catholic seminary with the aim to become a priest, I was fortunate enough to discover very old books and other "forbidden" literature—names of which I do not remember, as it is about 47 years ago when I read them. These books and articles could only be regarded as self-indicting, and for that reason were kept behind lock and key (no problem for me!).

The number of souls murdered by and for religion, which I do remember from those records, was held at 68,000,000-plus, and it would not make me faint at all if that number were to be much higher by the millions.

In essence, 99.999% of wars and murdering in all history was prompted by one religion or another.

On top of it all, religious missionaries have always been used as the avant-garde by imperial forces to infiltrate other countries and have been used at the same time to kill the cultures of the inhabitants. Any interested person will find plenty of obvious evidence every place.

Kind regards,
(Sir) John A. H. Meyer,
Melbourne, Australia

Fingerprinting & Democracy

Hi, Duncan: I am doing some research and came across the following information. I remember when I was at primary school we had a visit by the "local" police who told us about fingerprinting and took the fingerprints of the whole class. They took two sets; one they kept, and one was for us to keep.

I was talking to my children the other day, and both my son and daughter had the same thing happen at their school under the

guise of "learning". This led me to think and research if there is a nationwide (UK) policy of illegally fingerprinting children, so as to maintain a national database from an earlier age. I would welcome any input from your UK readers who have had a similar thing occur; please email me at ian.broadmore@ntlworld.com.

I understand that we live in a democratic society, so I recently wrote to Tony Blair and William Hague, as my elected government representatives, to ask them if they were members of Bilderberg and, if so, when did they join and why, and whether Bilderberg meetings influence UK government policy. To date I have not received a reply from either.

Now I was under the impression that they were both public servants elected by us, therefore they are legally compelled to answer my letter which was sent in June. I would have assumed a democratic public servant is just that, a public servant; therefore, should a member of the electorate ask a simple question before deciding which party to vote for, that the party member should declare his interest? Or then again...

Regards,
Ian D. Broadmore, ian.broadmore@ntlworld.com

IMF Aids Rich Private Investors

Dear Duncan: First, I would like to thank you for presenting important news that is often left out of the mass media.

I am especially interested in your articles on globalisation. I am sure you are all as disturbed as I was to hear of the shocking incidents that unfolded in Genoa, Italy, at the G8 Summit.

The reason I am writing is to draw your attention to an observation I made through examination of the official IMF [International Monetary Fund] website, as well as a little background research. The story to which I am referring involves the identity of the head of an IMF advisory board.

This advisory board is chaired by none other than Mr Richard C. Pozen, a head of one of the IMF's

pet projects called the Investor Relations Program. Mr Pozen's group is known as the Capital Markets Consultative Working Group on Creditor-Debtor Relations.

But Richard C. Pozen wears many hats. You may also remember him as the president of the illustrious American capitalist monolith that goes by the name of Fidelity Investments.

This may come as no surprise to many of the hardened readers out there, but personally I was quite horrified to realise that the IMF is blatantly facilitating dividends for its rich American cronies. Below is a direct quote from an IMF website report:

"Involvement of the private sector in the resolution of financial crises is appropriate in order to have the burden of crisis resolution shared equitably with the official sector, strengthen market discipline, and, in the process, increase the efficiency of international capital markets and the ability of emerging market borrowers to protect themselves against volatility and contagion."

It is not difficult to read between the lines.

Where along the line did things get so mixed up that (American) private investors are now dictating economic policy to Third World nations with the help of the IMF? Forgive me for assuming that Mr Prozen's best interests are about as closely related to those of repressed Third World nations as chalk is to cheese.

Daniel Mugen, Brisbane, Australia, danielmugen@hotmail.com

Painful Syndrome Ignored

Dear Editor: I would like to know if you would be interested in a story about a syndrome that my wife has: RSDS, reflex sympathetic dystrophy syndrome.

Since my wife Pam developed this (Dec 1999), we have found that this illness has been pushed under the rug. No one wants to know about it, including doctors. It is more widespread than people are led to believe. It can be triggered by a simple paper cut or

... more Letters to the Editor

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

soft tissue injury, and can end up crippling a person for life. The condition is now called CRPS (complex regional pain syndrome).

Because of the nature of this, insurance companies are covering it up, similar to what happened with chronic fatigue syndrome. The pain is so bad with RSDS/CRPS that East European doctors are amputating limbs to stop the spread and the pain (some US doctors agree with this practice).

Pam had to fly to WA just to get a diagnosis on paper. She was told what she had, to her face, by two doctors in Brisbane, but neither doctor would write RSDS/CRPS on paper.

It is a spreading disease for a lot of people. It could start in one finger and end up body-wide, even in organs.

If you are interested, please contact me. This is a genuine condition.

Peter Lockwood, Hervey Bay, Qld, Australia, tel +61 (0)7 4129 2682, lockwoodpandp@pocket-mail.com.au

Subtle Subliminal Influences

Dear Duncan: I am writing to draw people's attention to something I noticed during a past news broadcast on Clinton. The image of John F. Kennedy was superimposed on that of Clinton for a few minutes. Has this had a subliminal effect on viewers, making him more popular during his presidency? Who will they superimpose on Bush during his broadcasts, I wonder?

We should be aware of these subtle subliminal influences on our thinking.

I have really enjoyed your magazine over the years; many thanks.

I would also like to say that people using the Internet are vulnerable to psychic attack, and it is a good idea to cleanse your aura afterwards and set up a protection beforehand when visiting some sites.

Regards,

Nicole M., littlehawke76@hotmail.com

Toko and the Fatima Secret

Dear Editor: The article and book extract on Simeon Toko, the African Messiah [8/05], was very interesting; however, Jesus' own words do not confirm the probability that Toko is the Christ returned to Earth. I realise the New Testament viewpoint may be too familiar, and for that reason may not be as captivating as the story of the miracle worker in question, but here it is anyhow.

Traditionally, Jesus didn't pull any punches when He cautioned that many would come who would claim to be Him. He said: "So if anyone tells you, 'Look, here is the Messiah' or 'There He is', don't pay any attention. For false messiahs and false prophets will rise up and perform great miraculous signs and wonders so as to deceive, if possible, even God's chosen ones. See I have warned you." (Matt 24:23-25)

Jesus also specified how He would return. He stated: "For as the lightning lights up the entire sky, so it will be when the Son of Man comes." (Matt 24:27) Nothing like that is reported to have occurred at Toko's birth. With a little study, other references can be found in the New Testament relative to that anticipated event.

Has the "Second Coming" already taken place in Africa? Was Toko's birth as the new Messiah really the essence of the third Fatima message? I simply don't believe Sister Lucy would have said, in effect, that the third message was so horrible she nearly perished for having seen it, if it had given the name and race of the new Messiah.

Therefore I, for one, would need more proof that Toko is not one of the false messiahs who Jesus foretold would perform great miracles. It will certainly be interesting to see the outcome of Toko's claim to divinity.

M.F. Dantone, marifran@webtv.net

[Dear M.F.: *Lightning reportedly burst from east to west across the sky before and after each apparition of the Lady at Fatima between May and October 1917,*

the last time accompanied by the "dancing Sun" phenomenon which many have interpreted as heralding Christ's return. Toko was born in February 1918. There's more in "The True Third Secret of Fatima Revealed"; see our review this issue. Ed.]

Uncovering Balkans Hypocrisy

To the Editor: I am writing in response to the article, "US and UN Finance War in the Balkans" by Michel Chossudovsky in NEXUS 8/04.

I would like to thank Michel Chossudovsky for the article that he has written about the crisis in the Balkans and the current situation in Macedonia. It is about time that the people of the world are aware of what is really occurring in the region and the hypocrisy of NATO and America.

I am pleased that there are people such as Chossudovsky who look to uncover the truth, because it is not being reported by the media. I hope that the Albanian and American propaganda will soon come to an end before more innocent lives have been lost.

B. Resley, Sydney, Australia

Monsanto's Chicanery

Dear Duncan: Regards the Percy Schmeiser vs Monsanto case ["Farmer Unjustly Liable for Violating GE Seed Patent", Global News, NEXUS 8/04], it wasn't that long ago that Robert Shapiro, the then CEO of Monsanto, promised at a public meeting that Monsanto would change its ways and that it was really interested in helping people with its GM program, that perhaps it had made an error, that it was really misunderstood, etc.

Interestingly, at that meeting Shapiro did not appear in person, but his face appeared on a giant screen, which was very Orwellian. In reality, Monsanto has not changed one bit. It is still a greedy, vindictive organisation. The use of patent law sounds like a clever piece of legal chicanery that puts economic interests above all else. Such laws are not in the public interest.

I understand that a company is

incorporated in a certain place, and under certain conditions its charter can be withdrawn. Why has no one made any effort to see if Monsanto's charter can't be withdrawn? Surely there are innumerable grounds for this action. As long as Monsanto is allowed the freedom it possesses, it will continue to be a public menace.

Secondly in Global News 8/04 ["Thanks for the Memory"], Lionel Milgrom is mistaken: scientists are great believers; they believe homeopathy is false with the same intensity that they believe science is a public good. Science is not about scepticism but about investigation.

Brian Souter, Lyons, ACT, Australia

Turning Negative into Positive

Dear Duncan and staff: I have been a fan of NEXUS for some years now. However, I often have felt depressed and helpless after reading your magazine. This was largely due to my perceived inability to "make a difference". After all, what can a mere individual do to influence a giant transnational corporation?

My request is that some space be dedicated in NEXUS for the listing of any politician's contact details that may be relevant to issues discussed in the magazine.

Politicians do not receive many letters from the public—so few that they do stand a good chance of being read. While it may seem naive to believe that writing letters, protesting or posting exposure pages on the Internet will change the world, it *can* make a difference. NEXUS has been criticised for being "negative", but it is what you do with the information presented that can turn that into a positive.

Andrew Briggs, shinjuku@purpleturtle.com

[Dear Andrew: *You're not alone in your feeling of powerlessness. Ironically, as consumers we also have the **most** power. If we choose wisely where we spend our money, our thoughts, our energy and attention, the world **will** change! Ed.]*

**'60 MINUTES' FALSIFIED
HAMAS LEADER'S
COMMENTS**

Muslim leaders in America are outraged over an alleged fabricated quote—attributed to a Palestinian who recruits suicide bombers—in a documentary aired on Sunday August 19 on CBS's *60 Minutes*.

The documentary, presented by reporter Bob Simon, examined the militant Islamic organisation Hamas which has claimed responsibility for dozens of suicide bombings against Israel.

Muslim leaders charge that the report presented false stereotypes of Muslims and defamed their religion.

In the documentary, a man identified as Mohammed Abu Wardeh was filmed speaking in Arabic to Simon, with a simultaneous translation dubbed over his remarks.

At one point the translator quotes Abu Wardeh, saying: "God would compensate the martyr for sacrificing his life for his land. If you become a martyr, God will give you 70 virgins, 70 wives and everlasting happiness."

According to Mehdi Brey, a spokesman for the Washington, DC, office of the Muslim Public Affairs Council, native Arabic speakers listened carefully to the tape and could find nothing even remotely



resembling that translation. Instead, they say, Abu Wardeh said: "As long as I love the land [of Palestine] and as long as it is under occupation, I have no hesitation in doing what I am doing."

Brey said his organisation has asked the show to explain how completely different words were attributed to the person interviewed, but CBS has not responded.

Officials at *60 Minutes* could not explain to Knight Ridder how the discrepancies in the translation occurred, but said they were investigating.

Dr Maher Hathout, a Muslim scholar

with the Islamic Center of Southern California, said he discovered the error and was alarmed at how different the translation was from Abu Wardeh's statements.

"The worst-case scenario is that there is a deliberate spinning of the news. It is very fashionable now to present Muslims as particularly susceptible to being crazy or blowing themselves up."

He said Islam's teachings have nothing to do with myths about virgins and martyrdom.

"There is nothing in the Koran or in Islamic teachings about 70 virgins or sex in paradise. This is ridiculous, and any true Muslim knows that," said Hathout.

(Source: *Knight Ridder Newspapers, Washington, DC, August 23, 2001, www.krwashington.com*)

**PENTAGON'S MISSILE TEST
RIGGED WITH ON-BOARD GPS**

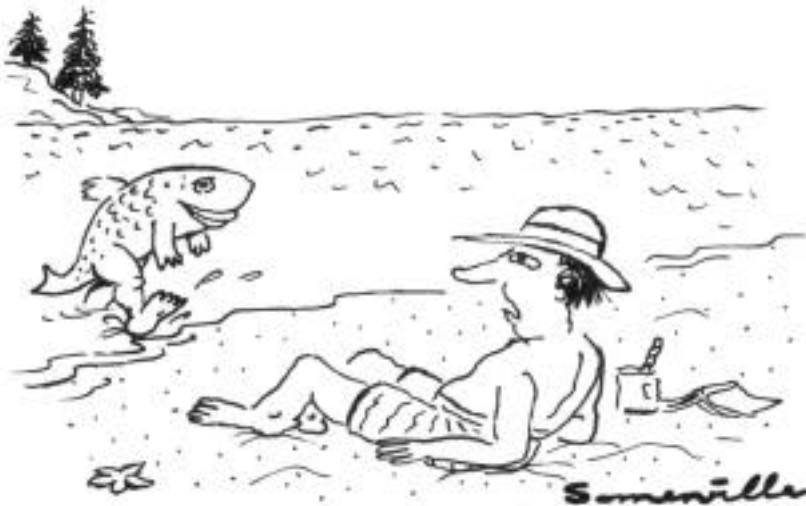
Dr Jeff Patterson, the UW physician who has spent a great deal of his life trying to educate us all about the perils of nuclear weapons, is more than worried, like a lot of other people, that the Bush administration will stop at nothing to get the proposed missile defence shield system underway during its term in office.

Evidence of this is in an article by nationally syndicated columnist Joe Conason, which the doctor sent along to the online magazine, "Salon". It contends that the Pentagon rigged last month's missile defence test.

"Precisely according to plan, the target was instantly vaporized on impact and, along with it, or so the Pentagon's uniformed salesmen hoped, the perennial concern that missile defense won't work," Conason wrote.

"With the cooperation of major news organizations and conservative pundits, that test provided an enormous propaganda boost to the Bush proposal, which conveniently enough had been brought up to Capitol Hill by Defense Department officials just two days earlier.

"There was only one thing that all the happy salesmen forgot to mention about their latest test drive," he continued. "The rocket fired from Vandenberg was carrying a GPS [global positioning system] beacon that guided the kill vehicle toward it. In other words, it would be fair to say that



*Whoa...back up a sec.
We haven't wiped ourselves out yet!*

the \$100 million test was rigged!"

Conason's article complained that the mainstream media didn't pick up on this, even though the Pentagon confirmed the role of the GPS device to a reporter for *Defense Week* magazine several days after the test.

"They either buried the news or ignored it," the columnist said, because they "had so obediently celebrated the technological breakthrough two weeks earlier".

But this is just the tip of what's going on in an effort to sell the defence system, Conason insisted.

"The Pentagon and the Bush White House mean to stifle any dissent about the capabilities of their favorite toy," he added. "They have repeatedly sought to reclassify documents that show that the system doesn't function as advertised. And within the past few weeks they have blatantly attempted to intimidate Theodore Postol, a professor at MIT who is currently the country's leading critic of missile defense."

(Source: by Dave Zweifel, August 21, 2001, posted at www.rense.com)

LIVING BRAIN CELLS LINKED IN ELECTRONIC CIRCUIT

Scientists for the first time have linked multiple brain cells with silicon chips to create a part-mechanical, part-living electronic circuit.

To construct the partially living electronic circuit, scientists at the Max Planck Institute for Biochemistry in Germany managed to affix multiple snail neurons onto tiny transistor chips, and demonstrated that the cells communicated with each other and with the chips.

The advance is an important step towards a goal that is still more science fiction than science: to develop artificial retinas and prosthetic limbs that are extensions of the human nervous system. The idea is to combine the mechanical abilities of electronic circuits with the extraordinary complexity and intelligence of the human brain.

Such combinations of biology and technology may not only one day help the blind to see and the paralysed to move objects with their thoughts, but also help to build computers that are as inventive and adaptable as our own nervous systems and a generation of robots that might truly deserve to be called intelligent.

(Source: Washington Post, August 28, 2001)

LAB ANIMALS DRIVEN SO MAD THAT TESTS ARE INVALID

The multibillion-dollar industry called "animal research" has reached a new peak of madness.

US scientists say they have found evidence that the sheer boredom of life as a captive lab animal may be enough to incur brain damage or insanity and thus render many experiments invalid.

Using animals to test effects of potentially dangerous drugs and chemicals as a measure of human health is insane nonsense in the first place.

Testing on animals is for the legal protection of the manufacturers only, and represents little or no scientific foundation. That is why people die every day from the effects of so-called safe drugs and chemicals.

Piles of data exist showing that animal physiology differs widely between species, let alone among humans in terms of response to drugs, vitamins, chemicals or psychology, so why the concern over whether results are flawed because of insanity?

(Source: The Guardian, London, August 28, 2001, www.newsunlimited.co.uk)

Pfizer Accused of Killing Kids with Untested Drugs

Pfizer Inc. was accused in a lawsuit this Wednesday of causing brain damage and even death to Nigerian children when it conducted "secret testing" of a new

meningitis drug in 1996. The lawsuit, filed in the US District Court in Manhattan, seeks unspecified damages on behalf of 30 children who participated in the drug trial in Kano, northern Nigeria.

The children were among 200 youngsters who were part of the testing of Trovan, an unproven drug administered in a form never before tested on humans, the lawsuit says. The families of seven of 11 children who died after participating in the test were among plaintiffs listed in the lawsuit.

According to the lawsuit, the tests were conducted during an epidemic of bacterial meningitis in Nigeria that left children desperate for medical care.

"Rather than provide the children with a safe, effective and proven therapy for bacterial meningitis, Pfizer chose to select children to participate in a medical experiment of a new, untested and unproven drug without first obtaining their informed consent," the lawsuit says.

The lawsuit asserts that the drug was known to have life-threatening effects, which soon surfaced during the tests in an impoverished city experiencing epidemics of bacterial meningitis, measles and cholera.

It says Pfizer hurried plans to carry out its tests, taking a variety of steps that violated international law, federal regulations and medical ethics.

(Source: Tampa Bay Online, August 29, 2001, <http://ap.tbo.com>)



Clever...they always stock those things around about adult eye-height.

INDIANS URGED TO TUNE IN TO TV AND TURN OFF SEX

India hopes to glue people to their television sets at bedtime so that they stop having sex and help keep a rein on the one-billion-plus population, a local newspaper reported on Thursday.

As part of its family planning policy, the government has decided to make TV sets cheaper for India's entertainment-starved masses, Health Minister C. P. Thakur said.

"Entertainment is an important component of the population policy," the *Times of India* quoted the Minister as telling lawmakers in Parliament. "We want people to watch television."

Deputies said they were worried that India's population, which crossed the billion mark in May, would soon overtake the world's most populous nation, China.

(Source: Reuters, August 30, 2001, at www.iol.co.za/html/frame_news.php)

INCENSE BURNING RELEASES CARCINOGENS

Researchers in Taiwan found that the smoke produced by burning incense is laden with cancer-causing chemicals.

Levels of one chemical believed to cause lung cancer were 40 times higher in a badly ventilated temple in Taiwan than in houses where people smoke tobacco.

Incense burning also creates more pollution than road traffic at a local intersection.

Ta Chang Lin, of the National Cheng

Kung University in Tainan, told *New Scientist* magazine: "We truly hope that incense burning brings only spiritual comfort, without any physical discomfort."

(Source: BBC News, August 2, 2001, <http://news.bbc.co.uk>)

COSMIC RAYS MAY TRIGGER OZONE LAYER DEPLETION

High-energy radiation from deep space may be burning a hole in our ozone layer. A new study, published in *Physical Review Letters* (August 13, 2001), finds a correlation between so-called cosmic rays and ozone depletion and shows with experiments how cosmic rays could destroy ozone. The results may help atmospheric scientists improve their models of ozone depletion.

For 20 years, scientists have recognised that active chlorine molecules from man-made chlorofluorocarbons (CFCs) destroy ozone. Conventional wisdom holds that ultraviolet light from the Sun releases the active chlorine from the CFCs. That theory has a problem, however. During the polar springtime, when ozone depletion is greatest, giant clouds of ice block the Sun's ultraviolet light.

In recent years, researchers have theorised that these clouds could house CFCs and that some process deep inside them breaks CFCs down into active chlorine. But how this process could happen without ultraviolet light has remained a mystery.

Now Leon Sanche and Qing-Bin Lu of the University of Sherbrooke in Canada think they know what's causing the release of active chlorine. The two believe that cosmic rays from deep space are penetrating the clouds and knocking loose electrons. The electrons interact with the CFCs to liberate the active chlorine molecules.

Those molecules, according to Sanche and Lu, can reside inside an icy polar cloud until springtime—when it dissolves and releases them into the atmosphere.

(Sources: Scientific American, www.sciam.com/news/080801/2.html; New Scientist, www.newscientist.com)

EUROPE'S NEW NOTES HAVE SECRET SECURITY FEATURES

The European Central Bank (ECB) says that Europe's central currency, the euro, will be protected from counterfeiters by a string of invisible security measures.

A spokesman says that the new notes will be protected by as many as 90 anti-forgery features, many of which remain a closely guarded secret. The notes are to be introduced in 12 European countries on January 1, 2002.

The introduction of the euro will be the biggest currency transfer in history, and the ECB is keen to prevent counterfeiters taking advantage of public unfamiliarity. "There are no notes in existence that include this many security features," says an ECB spokesman.

The currency has been designed to be easily recognisable and will have familiar anti-counterfeiting characteristics such as a watermark, metal strip, hologram and iridescent markings. This should stop the public being fooled by poor quality fakes.

The notes will also include some hidden anti-counterfeiting measures that are found on existing bank notes, such as micro-printing that can only be seen under a microscope and markings that only show up in fluorescent light.

But the currency will also come with secret features—some of which are only recognisable using special equipment, and some that can be automatically recognised by new bank sorting equipment.

"Professional tellers will be able to check using special equipment, and central banks will have sophisticated sorting machines that can detect special properties," says another Central Bank representative.

(Source: New Scientist, August 31, 2001)



It's bad enough he's kicked us out, but the aliens as well?

COMPUTERS READ BRAINWAVES IN TELEPATHIC NEWS SERVICE

Communication via thought waves and personalised radio stations will challenge traditional news media, according to an American journalism academic.

Former *New York Times* journalist and University of Maryland Dean of Journalism Thomas Kunkel told a conference in Brisbane that technology was not merely marching ahead, it was sprinting.

"Forget the technology of the 21st century; just in the next five or 10 years we will be confronted with Buck Rogers kind of developments," Mr Kunkel said.

"In the past two weeks I have had conversations with serious people about how close we are to being able to communicate via thought. Not telekinesis hocus-pocus, but through the ability of computers to read individual brainwave fingerprints. Imagine the commercial, not to mention the moral and ethical, implications of that."

He said US researchers had also developed the ability to transmit super-micro radiofrequencies.

"This could open up the prospect of personalised broadcasting of information: your own channel, if you will, directed at you only, that operates on your behalf, that operates 24 hours a day," Mr Kunkel said.

He said the changes, coupled with a greater emphasis on profits and corporate rationalisation, meant journalists and news organisations needed to consider more carefully the fundamentals of their profession—such as news values and ethics.

(Source: by Paul Osborne, AAP, Herald and Weekly Times, July 16, 2001)

SILICON-SPEAK AT LIGHT SPEED

In a world first for Australian researchers, Professor Martin Green, who headed a team from the University of New South Wales, has announced that they have found a way for silicon microchips to communicate by light, thus paving the way for even faster and more powerful computers.

The new silicon devices eliminate the need for the circuitry and wiring currently used for communicating between chips.

This means microchips can send signals to each other directly, thus increasing processing speed; and because the light is produced by a small amount of energy, the circuit can be opened up for new operations.

(Source: The Weekend Australian, August 25–26, 2001, www.theaustralian.com.au)

GLOBAL TAXATION SYSTEM ON THE AGENDA

"It will never happen," was the almost universal response to our first reports on global taxation nearly a decade ago. The folks at the United Nations, however, believe that it will happen—and soon. In fact, another World Conference is being planned for March 18–22, 2002, in Monterrey, Mexico, to consider the recommendations of a special High Level Panel on Financing for Development, that has been working since the Millennium Summit last year. The preliminary draft report of the panel is now public, and—surprise, surprise—global taxation is among the recommendations.

Their report is much more comprehensive than just global taxation; it proposes UN control over all economic activity. The entire report is available at www.un.org/esa/ffd/.

At the time, many people dismissed this Millennium Declaration as just more hot air expelled by ego-bloated bureaucrats. In reality, since it was adopted by the heads of state from more than 150 nations, it is *carte blanche* approval for the United Nations to do whatever it takes to achieve global governance.

The report contains 12 major recommendations, ranging from poor countries getting their economic house in order to a global taxing organisation. These include:

- assuring that developed countries contribute 0.7 per cent of GDP to development aid for developing countries into a "common pool" for distribution by the UN;
- creating a global Economic Security Council, as proposed by the Commission on Global Governance;
- creating an International Tax Organization;
- establishing an "adequate international tax source", namely, the Tobin Tax on currency exchange and a global tax on carbon (the use of fossil fuels).

These four recommendations are only the skeleton of global economic control. Other recommendations also call for "closer coordination" of such institutions as the World Bank, the International Monetary Fund, the World Trade Organization, the United Nations Development Program, and "partners" from business, civil society and other intergovernmental organisations.

Economic Security Council

The Commission on Global Governance (CGG) report, "Our Global Neighborhood", devotes more than 40 of its 410 pages (pp. 157–196f) to a detailed discussion of the new Economic Security Council (ESC). It recommends 23 members, selected on a rotating basis, none with veto power and no permanent members, and prescribes the "consensus" process for decisions rather than voting. Under the auspices of this new UN creation would be incorporated all agencies and organisations that have any influence over the international economy. The CGG recommendation goes into considerable detail about incorporating enforcement of environmental treaties into the responsibilities of the new ESC and the World Trade Organization. All the financial exchange mechanisms would fall under the authority of this new entity, a prerequisite to developing a mechanism for collecting global taxes from whatever source.

International Tax Organization

This proposed new UN organisation is quite ambitious. Presenting it in language that suggests there is some virtue in eliminating "tax competition", the High Level Panel explains all the wonderful benefits such an organisation could provide. It could set international taxing policy, for example, to ensure that everyone is getting taxed "fairly", that socialist countries, whose tax rates run to 70 and even 80 per cent, are not at a competitive disadvantage with the United States where the tax rate is substantially lower.

It has visions of such policies as requiring a foreign national, who happens to be working in America, to pay income tax in his country of origin on income earned in America. It also has visions of formulating a global income tax. This recommendation includes "information sharing" among nations, coordinated through the United Nations, in order to track economic activity of every person and every business, everywhere.

This proposed organisation is on the agenda for the March meeting, along with the other recommendations. This is real—it is not fantasy—and it is being promoted by the world's leaders.

(Source: by Henry Lamb, Environmental Conservation Organization, <http://eco.freedom.org/el/20010901/gtax.shtml>)

— CHEMTRAILS —

COVERT CLIMATE CONTROL?

Under the banner of some top-secret scientific agenda, the US military continues to weave chemical-laden contrails in the skies, causing health problems for unprotected people on the ground.

by William Thomas © 2001

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For nearly three years, chemtrail observers have hoped an official would step forward to explain the origin and purpose of broad white plumes criss-crossing the skies above a dozen allied nations. Their wait is over...

It was nearly noon when S.T. Brendt awoke and entered the kitchen of her country home in Parsonsfield, Maine. As she poured her first cup of coffee, the late night reporter for WMWV Radio could not have guessed that her life was minutes away from drastic change.

Her partner Lou Aubuchont was already up, puzzling over what he had seen in the sky a half-hour before. The fat puffy plumes arching up over the horizon were unlike any contrail he had ever seen, even during his hitch in the Navy.

Like breath exhaled on a winter's day, the contrails he was used to seeing would flare briefly in the stratosphere as hot moist engine exhaust flash-freezes into a stream of ice-crystals. These pencil-thin condensation trails are pretty to watch but short-lived, subliming into invisibility as exhaust gases cool quickly to the surrounding air temperature.

But in late 1997, Aubuchont started observing thicker 'trails extending from horizon to horizon. Hanging in the sky long after their creators had flown from view, these expanding white ribbons would invariably be interwoven by more thick lines left by unmarked jets, Air Force white or silver in colour.

On this March 12th morning in 2001, Lou did not mention his sighting as S.T. indulged in caffeine. Sipping gratefully, she glanced out the window. It looked like another gorgeous, cloudless day.

But not quite. Brendt balked at several chalk marks scrawled across the crystalline blue sky. "Contrails or chemtrails?" she jokingly remarked.

Lou got up and looked. What kind of clouds run exactly side by side in a straight line? he wondered. It's just too perfect to happen naturally. When he said he wasn't sure, S.T. stopped smiling and went outside.

Looking up towards the southeast over West Pond, she spotted the first jet. A second jet was laying billowing white banners to the north. Both aircraft appeared to be at over 30,000 feet. Turning her gaze due west, Brendt saw two more lines extending over the horizon. She called Lou. Within 45 minutes the couple counted 30 jets.

This isn't right, S.T. thought. We just don't have that kind of air traffic here. While Lou kept counting, she went inside and started calling airports. One official she reached was guarded but friendly. He had relatives in West Pond.

The Air Traffic Control manager told Brendt her sighting was "unusual". His radars showed nine commercial jets during the same 45-minute span. From her location, he said, she should have been able to see one plane.

And the other twenty-nine? The FAA official confided off the record that he had been ordered "by higher civil authority" to re-route inbound European airliners away from a "military exercise" in the area. "Of course, they wouldn't give me any of the particulars and I don't ask," he explained. "I just do my job."

Excited and puzzled by this information, S.T. and Lou got into their car and headed down Route 160. Looking in any direction they could see five or six jets flying at over 30,000 feet. Never in the dozen years they'd lived in rural Maine had they seen so much aerial activity.

A former US Navy Intelligence courier, Aubuchont was used to large-scale military exercises. But he told S.T. he had never seen anything this big. "It looked like an invasion," he later recounted.

Another driver almost went off the road as he leaned over his dashboard trying to look up. As they passed, he acknowledged them with a nod.

As far as they could see stretched line after line. Two giant grids were especially blatant. Instead of dissipating like normal contrails, these sky trails grew wider and wider and began to merge. Looking towards the Sun, Aubuchont saw what appeared like "an oil and water mixture" reflecting a prismatic band of colours. He couldn't call it a rainbow. Rainbows aren't sinister.

As Lou and S.T. completed their errands, the jets kept them company, leaving lines and even circles that resembled smoke rings. Even living near Kennedy, LaGuardia and Newark jetports, Aubuchont had never seen so many big jets performing identical manoeuvres in the same sky. When they returned to Parsonsfield around four, the lines were starting to merge into a dingy haze.

Richard Dean called back. After receiving S.T.'s message, the assistant WMWV news director had gone outside with other news staff and counted 370 lines in skies usually devoid of aerial activity.

Brendt put in another call to the FAA official. He had never heard of chemtrails. In their first face-to-face interview, the chain-smoking controller responsible for air traffic over the northeastern seaboard repeated his earlier statements on tape. Similar military activities were ongoing in other regions, he added. On his 'scopes he could track the tankers flying north into Canadian airspace.

Speaking before witnesses at WMWV on condition of strict anonymity, our "Deep Sky" source answered a series of yes/no questions I helped Brendt prepare when she contacted me.

After nearly three years on this case, I wanted to corroborate extremely high levels of aluminum [aluminium] powder found in samples of rainwater falling through thick sky plumes over Espanola, Ontario, in the spring of 1998.

The Espanola lab tests were conducted after residents began complaining to the provincial environment ministry. Severe headaches, chronic joint pain, dizziness, sudden extreme fatigue, acute asthma attacks and feverless "flu-like" symptoms over a 50-square-mile area coincided with what they termed "months of 'spraying'" by photo-identified US Air Force tanker planes.

The USAF denied the intrusions. But former Ontario Provincial Police Officer and Supreme Court expert witness Ted Simola reported lingering Xs and numerous white trails, some of which "just ended" as if they had been shut off but remained in the sky.

Another Espanola resident told me that mental confusion and short-term memory loss were so prevalent that forgetting where their cars were parked had become "a standing joke" in the tiny town.

On November 18, 1998, the people of Espanola petitioned Parliament. Addressing the Canadian government on their behalf, defence critic Gordon Earle explained:

"Over 500 residents of the Espanola area have signed a petition raising concern over possible government involvement in what appears to be aircraft emitting visible aerosols. They have found high traces of aluminum and quartz in particulate and rainwater samples.

"These concerns combined with associated respiratory ailments have led these Canadians to take action and seek clear answers from this government. The petitioners call upon Parliament to repeal any law that would permit the dispersal of military chaff or of any cloud-seeding substance whatsoever by domestic or foreign military aircraft without the informed consent of the citizens of Canada thus affected."

The Ministry of Defence eventually replied: "It's not us."

Which was true. While the US Air Force counts 650 four-engine KC-135 *Stratotankers* and 50 KC-10 *Extenders* in its active inventory, Canadian Forces do not fly armadas of tankers. But they do operate the biggest radar installation in Canada at CFB Comox on Vancouver Island, easily capable of tracking the American formations coming up from the south.

"Was the classified operation a radar experiment?" we asked Deep Sky.

"That wasn't what I was told."

Were ATC radars "enhanced or degraded", we wanted to know. The barium spread in exercises conducted out of Wright-Patterson Air Force Base acts as an electrolyte, enhancing conductivity of radar and radio waves. "Wright Pat" has also long been deeply engaged in HAARP's electromagnetic warfare program.

A SKY SHIELD TO COMBAT GLOBAL WARMING?

The puzzle pieces fell into place with Deep Sky's revelation that ATC radars were being "degraded" by tanker-released particles showing up as a "haze" on their screens. This radar characteristic matched the high concentrations of aluminum powder

found along with a preponderance of quartz particles in Espanola's chemtrail-contaminated rainwater.

The tankers' aluminum powder emissions also matched the Welsbach patent. Issued in 1994 to the Hughes aerospace giant "for Reduction of Global Warming", the sky shield blueprint calls for dispensing microscopic particles of aluminum oxide and other reflective materials into the upper atmosphere to reflect one or two per cent of incoming sunlight. Computer simulations by Ken Caldeira at Lawrence Livermore National Laboratory calculated that this would be enough to stop warming over 85 per cent of the planet, despite an anticipated doubling of carbon in the atmosphere within the next 50 years.

Lawrence Livermore priced the aerial spray program at US\$1 billion dollars a year—a cheap fix to maintain massive petroleum profits in the face of Kyoto's internationally agreed carbon cut-backs.

"Over 500 residents of the Espanola area have signed a petition raising concern over possible government involvement in what appears to be aircraft emitting visible aerosols.

They have found high traces of aluminum and quartz in particulate and rainwater samples."

Livermore's founder, Edward Teller, lobbied hard for another chance to play with planetary processes. At the 1998 International Seminar on Planetary Emergencies, the Father of the H-bomb presented his Next Big Idea. Having earlier pressed for detonating nuclear bombs to carve new harbours out of American coastlines, Teller now called for reflective chemicals to be spread like mirror-shades over the Earth. Or at least over allies who could agree in secret for this unprecedented geoengineering experiment to be carried out over their unsuspecting constituents.

In a draft report leaked to me soon after it appeared for peer review in May 2000, an expert panel chosen among 3,000 atmospheric scientists looked at Caldeira's computer simulations and agreed that Teller's scheme might work. But the IPCC warned against unpredictable upsets of the atmosphere, as well as against angry populaces reacting to "the associated whitening of the visual appearance of the sky".

Caldeira was so concerned he went public, warning that deflecting sunlight would further cool the stratosphere, concentrating icy clouds of ozone-gobbling CFCs that could destroy Earth's solar radiation shield.

Was the sky shield experiment already underway? Deep Sky hinted that it was.

Were the tankers involved in weather modification? Our FAA source hesitated before responding. "That approximates what I was told."

For the third interview we rephrased our key question. Were the tankers repeatedly observed on ATC radars involved in climate modification? I caught my breath as Deep Sky confirmed that this is what he was told was the object of the missions.

Here at last was our "smoking nuke" admission. After years of "airliner" double-speak, we could now corroborate Deep Sky's report of military aircraft dispensing reflective materials with an earlier report by a Canadian aviation official.

On December 8, 2000, Terry Stewart, the Manager for Planning and Environment at the Victoria International Airport, had broken this story wide open when he responded to a caller's complaint the previous day of Xs, circles and grids being woven over the British Columbia capitol. Leaving a message on an answering machine tape, later heard by more than 15 million radio listeners, the public servant explained: "It's a military exercise, US and Canadian Air Force exercise that's going on. They wouldn't give me any specifics on it."

Stewart added that he found the incident—one of hundreds reported over Canada's west coast since the fall of 1998—"very odd".

Tasked with defending Canadian airspace in the region, CFB Comox chose instead to defend a classified collaboration. "No military operation is taking place," the base information officer tersely told me when I called for details. But Stewart later told the *Vancouver Courier* that his information had come directly from CFB Comox.

CONTRAILS vs CHEMTRAILS

Across the strait from the island air base, a concerned mother of three children was noticing that people in Gibsons were coming down with ailments that coincided with constant chemtrail activity. Suzanne Smart's husband contracted asthma; their children were always sniffing and coughing. Smart

ended up in the small coastal town's Emergency unit with a sore throat, "super-stiff" neck, pounding headache and ears "ringing like crazy". Even her teeth hurt.

It was all very nerve-wracking. Smart contacted a Transport Canada investigator who had noticed the jet trails too and was convinced it was normal contrail activity. Why he took special notice of normal contrails was not explained. But the TC official told Smart he hoped the Canadian equivalent of the FAA would be notified of any military exercises taking place.

On June 17, 2001, after photographing massive plumes over Gibsons, Smart checked with aviation authorities and found that no airline flight plans had been filed for that airspace at that time. Official weather data showed that when her photos of multiple white plumes were taken, the 30 per cent humidity at 30,000 and 35,000 feet was less than half that needed for contrails to form.

As NOAA meteorologist Thomas Schlatter explains, for even short-lived condensation trails to form, "we're talking temperatures lower than about minus 76 degrees Fahrenheit, and humidity at jet altitudes of 70 per cent or more".

Smart sent her findings to Transport Canada with a request for an explanation of how contrails could form when they couldn't. "It is my understanding," she wrote, "that the only way to form jet trails at yesterday's low humidity is to introduce very fine particulates into the atmosphere."

Smart's homework hit like hardball. According to the National Center for Atmospheric Research in Boulder, Colorado, the only way to form artificial clouds in warm dry air is to introduce enough particulates into the atmosphere to attract and accrete all available moisture into visible vapour. If repeated often enough, the resulting rainless haze can lead to drought.

Following standard procedure to ignore all evidence contradicting the official line, Transport Canada's Randy Phillips responded by advising Smart to check out the "urban legends" website ridiculing chemtrails.

Col. Walter Washbaugh, Chief of the Congressional Inquiry Division for the Secretary of the Air Force in Washington, DC, also calls chemtrails "a hoax". In an April 20, 2001, letter to a US senator, Washbaugh blamed the increased number of contrails on "significant civil aviation growth in the past decade".

He was right. A National Science Foundation study has found that, in certain heavy traffic corridors, artificial cloud cover has



Chemtrail grid pattern over Atlanta, Georgia, USA, October 2000.

increased by as much as 20 per cent since the jet age took off. Dr Patrick Minnis, a CERES atmospheric researcher and ardent chemtrails critic at NASA's Langley Research Center, reports that cirrus cloud cover over the United States is up five per cent overall because particulates in engine exhaust are acting as cloud-forming nuclei. As the number of flights currently exceeds 15 million annually worldwide, the NSF, NASA and EPA predict artificial clouds will intensify as air travel continues climbing sharply.

What about chemtrails? Colonel Washbaugh ascribed widely reported grid patterns to overlapping aircraft flying north-south, east-west airways. The only thing wrong with this explanation, an air traffic controller told me in Texas, is that US airways do not run north-south.

The biggest laugh came when the colonel told the senator: "The Air Force is not conducting any weather modification and has no plans to do so in the future."

In fact, attempts to steer hurricanes by spraying heat-robbing chemicals in their paths began in the 1950s. The recipe for creating "cirrus shields" was outlined in an unusually arrogant US Air Force study. Subtitled "Owning the Weather by 2025", the 1996 report explained how "weather force specialists" were dispersing chemicals behind high-flying tanker aircraft in a process the air force calls "aerial obscuration".

Official denials reached new altitudes of absurdity when another colonel claimed: "The US Air Force does not conduct spraying operations over populated areas." USAF spokeswoman Margaret Gidding told a Spokane newspaper: "The Air Force doesn't do anything that emits anything other than a normal contrail, which is vapor."

So were their replies. Apparently Anderson and Gidding had forgotten how US Air Force spray planes crippled a country and a culture by dispensing over Vietnam thousands of tons of "Agent Orange" defoliants containing dioxin toxins as hazardous as plutonium.



"Weeping" chemtrail photographed over Vancouver, Canada, June 2001.

SEEING IS BELIEVING?

In the end, it has proved impossible to continue skywriting giant billboards advertising government duplicity, while insisting they are not there. By the summer of 2001, the controversy entered a new phase. Pictures of contrails were being distributed to newspapers by the Associated Press, and "chemtrails" could be overheard in coffee shop conversations across an entire continent.

When it comes to chemtrails, seeing is disbelieving official disinformation. As public awareness grows, people like war veteran David Oglesby are looking up. The 11 fat plumes fanning out over his Coarsegold, California, home did it for Oglesby last June.

"The trails formed a grid pattern," he told WorldNetDaily News. "Some stretched from horizon to horizon. Some began abruptly, and others ended abruptly. They hung in the air for an extended period of time and gradually widened into wispy clouds resembling spider webs."

A retired US Air Force radar tech named Shimer called a colonel responsible for all military operations in central California. "What would you say if I said there are three aircraft up there right now?" Shimer asked. "Are they there?"

"No," the colonel replied. "They are not there."

The Houston study is not so easily dismissed. Mark Steadham was looking for contrails when he started

observing the skies over this busy Texas hub last winter. Using FAA tracking software called Flight Explorer to identify each aircraft, Steadham clocked contrails trailing from Boeing, McDonnell-Douglas and Airbus airliners. All but two of these condensation trails sublimed into invisibility within five to 20 seconds; the only exceptions persisted for two and 25 minutes.

Flight Explorer does not show altitudes for military jets, but, according to the FAA, tankers and transports usually transit continental airspace at around 30,000 feet to ensure safe separation from airliners flying between 35,000 and 39,000 feet. Military "heavies" flying below 30,000 feet should not leave contrails at all. Major-General Gregory Barlow confirms that Air Force tankers do not perform refuelling missions at contrail-forming altitudes.

But Steadham found just the opposite in his study. While observing air traffic for 63 days, the Houston skywatcher found that thick white plumes laid by similar-sized military aircraft—at the same time, in the same airspace as 20-second airliner contrails—lingered for four to eight hours.

GLOBAL CHEMTRAIL REPORTS

Sightings of oddly lingering plumes sometimes resembling rocket trails are not confined to North American skies.

While on leave in Italy in the summer of 1999, the US Navy's Kitty Chastain sat on her hotel balcony and watched aerial grids being laid all day just offshore over the Bay of Naples. "People were coughing all over Naples," she wrote. On the bus ride in from the base, Chastain explained chemtrails to many sailors with hacking coughs.

NASA's Langley Research Center, reports that cirrus cloud cover over the United States is up five per cent overall because particulates in engine exhaust are acting as cloud-forming nuclei.

On October 12 that same year, a Paris correspondent reported "...heavy activity from all directions, X upon X. The pilots here seem to like to play chicken; they fly right at each other and then one will swerve, their trails forming pitch-forks and Xs." No contrails were being left by "normal planes" in the same skies. But the next day, planes flying over Paris "from all directions" obscured the sky with more Xs that continued into the evening.

In Spain on April 27, 2000, American tourist John Hendricks dashed off a quick email from El Café de Internet: "Were we surprised to see that the chemtrails are as bad here as they are anywhere, both in Mallorca and in Barcelona." He and his wife "took plenty of pictures" before noticing a postcard they'd bought captured a perfect chemtrail.

"Add Sweden to the list," a Swedish resident wrote after spotting eight to 10 parallel trails and contracting flu for the first time in years. Weather conditions at the time were not conducive to contrail formation. "I know the commercial routes, and we have a bunch of them, but not where these trails were."

Chemtrail activity has been reported in at least 14 allied nations including Australia, Belgium, Britain, Canada, France, Germany, Holland, Ireland, Italy, New Zealand, Scotland, Sweden and the United States. Croatian chemtrails began the day after that country joined NATO.

ATMOSPHERIC ORGANISMS

Many chemtrail observers note that chemtrails are often laid down at the leading edge of approaching frontal systems. While rare "sundogs" form ice-crystal circles around the Sun in advance of strong winds, much more common "chemdogs" create prismatic solar halos during stable weather.

More and more observers, like this Vancouver resident, wonder why "on the days of heavy spraying you will notice a rainbow around the Sun". Many more people who have been healthy all their lives wonder why they keep getting desperately sick whenever the chemplanes appear.

Unlike the refined aluminum in cooking utensils that is tenuously linked to Alzheimer's disease, aluminum oxide is as inert as sand and is not considered toxic.

But in a story headlined "Tiny particles can kill", the August 5, 2000, edition of *New Scientist* reported that "city-dwellers in Europe and the US are dying young because of microscopic particles in the air".

Looking at byproducts of hydrocarbon burning, a Harvard School of Public Health team determined particulates with a diameter less than 10 microns as being a serious threat to public health. (A human hair is about 100 microns across.) In 1987, US environmental regulations limited airborne concentrations of particles less than 10 microns in diameter.

But air pollution has grown worse. On April 21, 2001, the *New York Times* warned: "These microscopic motes are able to infiltrate the tiniest compartments in the lungs and pass readily into the bloodstream, and have been most strongly tied to illness and early death, particularly in people who are already susceptible to respiratory problems."



Chemtrail grid pattern photographed over Las Vegas, Nevada, USA, 1999.

David Hawkins, a lawyer for the Natural Resources Defense Council, speaks for "about a quarter-million Americans who have died prematurely as result of fine-particle exposure".

That number may be boosted sharply by chemtrail spraying. On December 14, 2000, the *New England Journal of Medicine* reported that inhaling particulate matter of a size 10 microns or smaller leads to "a 5% increased death rate within 24 hours".

Teller's sunscreen calls for spraying 10 million tons of talcum-fine reflective particulates of 10 to 100 micron sizes.

Allergic reactions to airborne fallout do not explain the entire syndrome of chemtrail-related illness. Falling blood temperatures accompanying symptoms of intense yet feverless "flu" is a classic sign of chronic fungal infection. Blamed for a host of autoimmune dysfunction, from chronic fatigue to fibromyalgia and multiple sclerosis, the fungus within us also signals its presence in sharp joint pain, sudden extreme fatigue, sudden dizziness, mental confusion and short-term memory loss.

After nearly three years of intense investigation, I have found no proof that chemtrails constitute a deliberate biological attack. Research for my books on the Gulf biowar and earlier germ warfare experiments (*Bringing The War Home*; *Scorched Earth*) show that bio-attacks are conducted at low level and never in daylight, in order to avoid ultraviolet sterilisation of toxins.

The biohazards in chemtrails may be bad LUC. The "Law of Unintended Consequences" states that every human intervention creates unpredictable consequences. Chemtrails can cause drought by soaking up all available moisture, and drooping chemical curtains fall through vast colonies of UV-mutated bacteria, viruses and fungi living in the upper atmosphere. Could these malevolent micro-organisms be piggy-backing on the plumes?

A series of balloon flights made in the US during the 1960s collected startling stratospheric samples swarming with bacteria and fungi as well as viruses bigger than any known at the time.

If viruses fall from the sky, most would land in the sea. Dipping their beakers into coastal seawater, scientists found as many as 10 million large virus-like particles per quart. As one researcher said: "No one knows where they come from or what they do. Their size and shape match the virus-like particles found in the upper atmosphere."

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A NUTRITIONAL APPROACH TO TREATING ADHD

Hyperactivity in children need not be treated with psychostimulant drugs like Ritalin, when nutritional approaches using essential fatty acids can produce beneficial results.

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AN OVERDIAGNOSED AND OVERPRESCRIBED DISORDER

Attention Deficit/Hyperactivity Disorder (ADHD) in children is fast becoming one of the most overdiagnosed and, many would argue, overprescribed childhood disorders both in the United States and now in Britain. It is certainly one of the most fiercely debated.

In the US its incidence is estimated at 3–5%, and up to 10% if less stringent criteria are used. In the UK it is put at up to 2% of children aged 6 to 16, with some 69,000 suffering "severe ADHD" (Baldwin S., *Crit. Pub. Health* 2000;10(4):453-62).

While the diagnostic criteria (see box) are disputed, the standard treatment—especially in the US—is even more controversial. Since the 1960s, the psychostimulant methylphenidate hydrochloride (MPH)—an amphetamine-like addictive drug that mimics the biochemical properties of cocaine—has been administered to thousands of children to the point where it is now estimated that up to one in seven American children may be given the substance daily.

A similar, staggering increase in use has been recorded in the UK, where MPH is designated a class B drug (class A if it is in solution). Professor Steve Baldwin at the University of Teeside (who, tragically, died in the Hatfield rail crash last year) stated that, from 6,000 a year in the UK in 1994, the number of prescriptions by 1997 had risen 15-fold to 92,000 (Baldwin, 2000, *op. cit.*). By 1999 this had reached 131,000 (covering some 21,000 children), but this is likely to be a gross underestimation because official statistics (based on pharmacy returns) do not include all prescriptions in private practices, young offender centres or residential homes.

In France, MPH use is rare, while in the rest of Europe its prescription for minors is uncommon or unknown. However, Baldwin and colleague Rebecca Anderson estimate that if MPH prescriptions were allowed to double year-on-year, by 2007 one in seven UK schoolchildren would be taking the drug daily (Baldwin and Anderson, *Crit. Pub. Health* 2000;10(1):81-6).

Indications that drug companies have this kind of scenario in mind is evidenced by the fact that since the end of 1999 the leading manufacturer Novartis (formally Ciba Geigy and Sandoz) has lost its sole product licence for MPH (as Ritalin), and others have launched their own brand (Equasym, Medeva) while three others (Mallinckrodt Inc., Schein Pharmaceuticals, MD Pharma) are preparing products (Baldwin and Anderson, 2000, *op. cit.*). However, their plans may be severely curtailed because of a number of high-profile lawsuits against Novartis (see box) and because of increasing public and professional awareness of the potentially damaging long-term effects and, in contrast, the growing evidence of the significant benefits of nutritional and other interventions.

THE PROMOTION OF MPH DRUGS

In the US, where Ritalin was first used in 1955, Novartis and other drug companies producing similar drugs used on children, such as dextroamphetamine and methamphetamine, have been very successful in persuading psychiatrists and health authorities of the alleged benefits of these drugs despite their potential risks and contraindications.

MPH is not licensed for children under the age of six (although it is used for those as young as three) or for children with marked anxiety, agitation or tension, symptoms or family history of tics or Tourette's syndrome, hyperthyroidism, severe angina or cardiac arrhythmia, glaucoma or thyrotoxicosis. Caution is required in the prescribing of MPH

US parents sue Novartis and APA for promoting Ritalin

Two lawsuits have been filed in California and New Jersey, asserting that Novartis, makers of Ritalin, and the American Psychiatric Association (APA) conspired to create a market for methylphenidate. These follow a class action launched in Texas in May 2000 by the Dallas law firm Waters and Kraus, alleging that since 1955 and through 1996 when it merged with Sandoz to become Novartis:

"Ciba/Novartis planned, conspired and colluded to create, develop and promote the diagnosis of Attention Deficit Disorder and Attention Deficit Hyperactivity Disorder in a highly successful effort to increase the market for its product Ritalin... It has repeatedly violated Article 10 of the United Nations Convention on Psychotropic Substances, 1019 UNTS 175 (1971)."

It continued:

"The American Psychiatric Association (APA) conspired, colluded and cooperated with the other Defendants while taking financial contributions from Ciba as well as other members of the pharmaceutical industry..."

Specifically, the company is accused of:

- actively promoting and supporting the concept that a significant percentage of children suffer from a "disease" which required narcotic treatment/therapy;
- actively promoting Ritalin as the "drug of choice" to treat children diagnosed with ADD and ADHD;
- actively supporting groups such as Defendant CHADD, both financially and with other means, so that such organisations would promote and support (as a supposed neutral party) the ever-increasing implementation of ADD/ADHD diagnoses as well as directly increasing Ritalin sales;
- distributing misleading sales and promotional literature to parents, schools and other interested persons in a successful effort to further increase the number of diagnoses and the number of persons prescribed Ritalin.'

Mr Richard Scruggs, one of the lawyers in the class actions, is quoted as saying that the Defendants "manufactured a disease. It has been grossly over-prescribed. It is a huge risk." (*BMJ*, 23 Sept 2000, p. 723)

The APA issued a statement last July, saying:

"Allegations that the [APA] conspired with others to create the diagnoses of [ADD and ADHD] as part of its *Diagnostic and Statistical Manual* so that medication could be used to treat these disorders are ludicrous and totally false. The APA will defend itself vigorously by presenting a mountain of scientific evidence to refute these meritless allegations, and we are confident that we will prevail."

The US support group CHADD (Children and Adults with Attention Deficit Disorder/Hyperactivity Disorder), which strongly advocates the use of Ritalin and is mainly funded by drug firms (it received \$748,000 from Ciba/Novartis in the period 1991-94 alone), is accused of deliberately working to promote and increase the use of Ritalin, which has resulted in a huge increase in its use by children across the US, to the enormous profit of Ciba/Novartis. It is also accused of working to reduce or eliminate laws controlling the use of Ritalin in the US.

For further details, see the website www.ritalinfraud.com. [Also see "Class Action Lawsuit on Ritalin Fraud" in DeBriefings, NEXUS 7/06.]

for children and young people with epilepsy, psychotic disorders or a history of drug or alcohol dependence.

Proponents assert that MPH works by correcting a "brain disorder", "biochemical imbalance" or "biological dysfunction", but critics (Baldwin, 2000, op. cit.) assert that no scientific rationale for MPH prescription has ever been made explicit by its adherents (Jensen, P.S. et al., unpublished paper, Walter Reed Army Inst., Washington, 1989; Barkley, R.A. et al., *Pediatrics* 1989;86:184-92; Kewley, G., *BMJ* 1998;314:1594-5).

In November 1998, the US National Institutes of Health held a Consensus Development Conference on the diagnosis and treatment of ADHD. The 31 expert panel members (including Dr Breggin; see below) noted that no valid, reliable, independent test of ADHD exists and that there are "no data to indicate that ADHD is due to a brain malfunction" or that it might be a disease state or brain pathology (NIH, Rockville, 1998; see www.odp.od.nih.gov/consensus).

Despite this, supporters cite a large multimodal treatment study of ADHD, known as the MTA Study, which was sponsored by the National Institute of Mental Health at six separate sites (MTA Cooperative Group, *Arch. Gen. Psychiat.* 1999;56:1073-86). It compared four treatments, and proponents claim that it showed the superiority of stimulant treatment over behavioural and other treatments (although no nutritional alternative was tested).

However, one of America's fiercest critics of MPH, psychiatrist Dr Peter Breggin, of Johns Hopkins University's Education Faculty and author of *Talking Back to Ritalin* (Common Courage Press, 1998), has produced a 16-point critical rebuttal of the study that severely undermines its credibility and results (see www.breggin.com). Chief among his criticisms is that it was not a placebo-controlled, double-blind trial; the blind classroom raters found no difference in any of the treatment groups; there was no control group of untreated children; the children themselves did not rate themselves as improved; and out of 4,541 children originally screened, only 2.7% (123) completed the medication management trial.

His demolishing of the MTA Study is important. While the study lacks any evidence for MPH's efficacy, in Britain the National Institute for Clinical Excellence, which issued its Guidance on the use of MPH last October (NICE, 2000, "Technology Guidance No. 13"; see www.nice.org.uk), accepts in its assessment of any evidence the official MTA results with little critical analysis.

It refers to the study as "well conducted", when only one of the 125 listed references refers to a nutritional trial. It basically endorses the use of MPH, while acknowledging that "if improvement of symptoms is not observed after appropriate dose adjustment over one month, the drug should be discontinued". However, it does not mention that about 30% of children show no response to MPH or that up to 50% show side-effects. Baldwin (2000, op. cit.) states:

"Adverse drug reactions and side effects (more accurately described as 'main effects') from MPH include: CNS [central nervous system] sequelae, gastro-intestinal effects, cardiovascular effects, liver abnormalities, convulsions (including grand mal), drug dependency and addiction, drug withdrawal reaction, hair loss, low white blood cell count, agitation, hostility, depression, psychotic depression, abnormal thinking, hallucinations, psychoses, emotional lability, overdose and suicide [Breggin, *Ethical Hum. Sci. Services* 1999;1(1):13-33]. Paradoxically, the supposed desirable behavioural effects (including passivity, attention, reduced spontaneity) are the primary toxic effects of psychostimulants." [His italics]

The NICE Report mentions only nervousness and sleeplessness as common side-effects, and that other effects reported have been "relatively minor".

Despite the general acceptance by the US and UK psychiatric community to medicate this highly controversial disorder, there are now signs that the debate has reached a turning point with the launch of various legal actions in the US against not only Novartis but also the American Psychiatric Association for alleged fraud and corruption (see box, previous page), with similar actions apparently pending in the UK.

Now might seem an appropriate time for many MPH advocates to pause and consider non-drug treatments, specifically the growing evidence for the efficacy of nutritional and heavy metal detoxification treatments.

NUTRITIONAL APPROACHES AND INVESTIGATIONS

Essential fatty acid deficiency

Twenty years ago, Sally Bunday and her mother, Irene Colquhoun, founders of the Hyperactive Children's Support Group (HACSG) in the UK, were the first to propose that essential fatty acid (EFA) deficiency might be a factor in ADHD (Colquhoun, I., Bunday, S., *Med. Hypotheses* 1981;7:673-9). Surveying a group of hyperactive children, they found an excess of males, a link with asthma, eczema and other allergic conditions, and evidence from hair analysis of zinc deficiency. Clinical signs, such as excessive thirst, frequent urination, dry skin and dry hair, were observed that are consistent with EFA deficiency.

In the United States, a diet developed by the late paediatrician Dr Benjamin Feingold (*Am. J. Nursing* 1975;75:797-803; *Why Your Child is Hyperactive*, Random, NY, 1975) was designed to eliminate certain synthetic additives and some foods, especially fruits, containing natural salicylates, which inhibit the conversion of long-chain polyunsaturated fatty acids to prostaglandins (see below). It was very successful in reducing symptoms, and groups sprang up all across the US and remain active

in promoting and researching his treatment. In the UK, groups also started and the HACSG has adapted the diet for its own use.

Considerable evidence is accumulating that deficiencies in the body's reserve or production of EFAs is a major contributory factor in a range of interrelated childhood disorders, including ADHD, dyslexia, asthma, allergies and even autism, and that supplementation is valuable in a significant number of cases (Richardson, A.J., Ross, M.A., *Prostaglandins, Leucotrienes and Essential Fatty Acids* 2000;63(1-2):1-9). The clinical overlap between ADHD and, for example, dyslexia is around 30–50% in both directions.

Fatty acids play an essential role in brain structure and function. Two of them, arachidonic acid (AA) and docosahexanoic acid (DHA), play a major role in the brain and eye, constituting 20% of the dry weight of the brain and over 30% of the retina. Two others, eicosapentaenoic acid (EPA) and dihomo-gamma linolenic acid (DGLA), are crucial for normal brain development but play a more minor, structural role.

The absolutely essential fatty acids that cannot be synthesised by the body and therefore must be supplied in the diet are linoleic acid (n-6 series, to which DGLA and AA belong) and alpha-linolenic acid (n-3 series, to which EPA and DHA belong). Both AA and DHA are termed "longer-chain polyunsaturated fatty acids" (LC-PUFAs) and can usually be synthesised from their EFA precursors. The latter are critically important as precursors of a complex group of highly biologically active compounds including prostanoids (prostaglandins, thromboxanes and prostacyclins among others) and leucotrienes. These compounds perform numerous regulatory functions in the brain and the rest of the body.

Dr Alexandra Richardson (Physiology Lab, Oxford) and B. K. Puri (MRI Unit, Imperial College, London), in their important paper summarising the evidence ("The potential role of fatty acids in attention deficit/hyperactivity disorder", *PLEFA* 2000;63(1-2):79-87), state:

"EFA metabolism can influence many aspects of brain development, including neuronal migration, axonal and dendritic growth, and the creation, remodelling and pruning of synaptic connections [Crawford, M.A., in Bazan, N.G., ed., *Neurobiology of Essential Fatty Acids*, Plenum, NY, 1992:307-14].

Animal studies have shown that both neural integrity and function can be permanently disrupted by deficits of n-6 and n-3 fatty acids during foetal and neonatal development [Yamamoto, N. et al., *J. Lipid Res.* 1987;28:144-51; Neuringer, M. et al., *Ann. Rev. Nutr.* 1988;8:517-41; Bourre J.-M. et al., *J. Nutr.* 1989;119:1880-91].

"While both n-6 and n-3 fatty acids are required, the n-3 fatty acids such as DHA appear to play a special role in highly active sites such as synapses and photoreceptors, and deficiencies have particularly been linked to visual and cognitive deficits [Neuringer, N. et al., *J. Pediatr.* 1994;125:S39-47; *Proc. Natl Acad. Sci. USA* 1986;83:4021-5]."

Research by M. Makrides and co-workers has shown that infants may

benefit considerably from the LC-PUFAs naturally present in breast milk but which are absent from many formula feeds (*Lancet* 1995;345:1463-8).

Although adequate supplies of EFAs are necessary throughout development and adult life to maintain normal function—and may be available—it is the conversion of the primary linoleic acid and alpha-linolenic acid into their LC-PUFA derivatives that is crucial for proper brain function. Unfortunately, a number of factors can interfere with the *conversion* of these parent EFAs to their respective LC-PUFAs, including:

- saturated or hydrogenated fats
- deficiency of vitamin and/or mineral co-factors (especially zinc deficiency)
- excessive alcohol
- stress hormones
- diabetes, eczema, asthma or other allergic conditions.

Thus, even if the diet contains sufficient EFAs, the child or adult may not receive adequate LC-PUFAs due to deficiencies in

Surveying a group of hyperactive children, they found an excess of males, a link with asthma, eczema and other allergic conditions, and evidence from hair analysis of zinc deficiency.

Fluorescent Lighting can Stimulate Hyperactivity

The pioneering American photobiologist Dr John Ott drew on a range of plant, animal and human evidence in his classic work, *Health and Light* (Ariel Press, Columbus, 1973), to demonstrate how important natural light is for the health of the body and functioning of the brain, endorsing the inescapable fact that light is an essential nutrient.

Others, such as optometrist and light pioneer Dr Jacob Liberman, in his book *Light: Medicine of the Future* (Bear & Co, Santa Fe, New Mexico, 1991), and, in the UK, Dr Damien Downing (*Day Light Robbery*, Arrow Books, London, 1988; out of print), and most recently Dr Richard Hobday (*The Healing Sun*, Findhorn Press, 1999), have strongly supported this premise with a wealth of evidence and research.

By contrast, Dr Ott observed that the lack of the full spectrum of natural frequencies of light in many offices and classrooms had many adverse effects, including hyperactivity in children. Such "mal-illumination" was often caused by fluorescent lighting, which lacks the full spectrum and proper balance especially in the UV and blue/green frequencies. He reported that when fluorescent lighting was replaced by full-spectrum lighting (FSL) in classrooms, children's previous misbehaviour and hyperactivity were replaced by much calmer and more attentive behaviour. A study by M. Painter corroborated his observation and found a 32% drop in hyperactivity in children when fluorescent lights were removed from their classrooms (*Exceptional Children* 1981;47(5):352).

In 1973, a five-month study by Dr Ott's Environmental Health and Light Research Institute in Sarasota found (and filmed) dramatic change in hyperactive children. Under standard cool-white fluorescent light, children in two classrooms demonstrated nervous fatigue, irritability, lapses of attention and hyperactive behaviour. When these lights were replaced with FSL, marked improvement in behaviour began to appear, with children becoming calmer, more interested in their work and paying more attention. The results were published in a peer-reviewed journal, and similar results were obtained in experiments in two schools in California. Psychiatrist Dr Wayne London corroborated in a 1988 study in Vermont, which showed children stayed healthier during winter months, measured by a dramatic drop in absenteeism, if taught under FSL. Russian work reported by others has also confirmed that children exposed to FSL achieved higher marks, were less hyperactive and grew more quickly.

Interestingly, Dr Ott also reported that local dentists observed a 67% drop in cavities in children under similar conditions. Such findings were corroborated by a professor of dentistry at the University of Alberta, Canada, and it was also discovered that full-spectrum lighting even reversed the development of cavities (*New Scientist* 1991; 6 April, p. 13). Other studies have found that the number of cavities varied inversely with the amount of sunlight children were exposed to (*Am. J. Public Health* 1939;29:777; *J. Nutr.* 1938;15:547), an effect explained by the boosting of the photosynthesis of vitamin D (which requires UVB frequencies from the Sun), which is essential for the sufficient uptake of calcium to form strong bones and teeth.

To underline the stress that fluorescent lighting probably causes to young children's developing bodies and biological systems, the research by Professor Fritz Hollwich in Munich, as far back as 1980, should be brought to the attention of all teachers and parents of hyperactive children. Prof. Hollwich found significantly higher levels of the stress hormones cortisol and ACTH in those working under fluorescent lighting compared with FSL (*Ophthalmologica* 1980;180(4):188-97). His findings led the German government to ban the use of such lights in hospitals and medical facilities—an enlightened stand that has doubtless reduced the stress and improved the recovery of many patients, and which other governments and medical associations—not to mention all educational establishments—would do well to follow.

It is time that the above research received the attention it deserves.

conversion. In addition, individuals differ in their genetic constitutional ability to facilitate this conversion.

All the above, as well as disease factors, suggest the potential benefit of a dietary supplement of the pre-formed LC-PUFAs.

Clinical features suggestive of EFA deficiency

The higher ratio of boys to girls with ADHD is well accepted and varies from 2:1 to 10:1 (Szatmari, P. et al., *J. Child Psychol. Psychiatry* 1989;30:219-30). This is explicable using a fatty acid model, since males are more vulnerable than females to LC-PUFA deficiency (Huang, Y.S. et al., *Biochem. Arch.* 1990;6:47-54). The same level of male excess is also found in other developmental disorders that are clinically associated with ADHD, including dyslexia and dyspraxia (Stordy, B.J., *Am. J. Clin. Nutr.* 2000;71(supp. 1):3235-65; Richardson, A.J., Ross, M., 2000, op. cit.).

An excess of minor physical abnormalities is associated with ADHD (Quinn, P.O. et al., *Pediatrics* 1974;53:742-7) and EFAs, phospholipids and their metabolites play important roles in the cell abnormalities likely to underlie them (Hughes, D.A. et al., *J. Nutr.* 1996;126:603-10). Hyperactive children have also been found to have more chronic health problems, such as asthma or allergies, than normal children (Hartsough, C.S. et al., *Am. J. Orthopsychiatry* 1985;55:190-210).

Compared with normal children, ADHD children have been found to have a higher incidence of sleeping problems including difficulty settling, waking in the night and overtiredness in the morning (Trommer, B.L. et al., *Ann. Neurol.* 1988;24:325). PUFAs play a major role in the control of sleep mechanisms and directly affect the structure of neuronal membranes and indirectly affect the dynamics of complex lipids, prostaglandins, neurotransmitters, amino acids and interleukins that are required for the initiation and maintenance of normal sleep (Yehuda, S. et al., *Med. Hypotheses* 1998;50:139-45).

ADHD children exhibit more somatic complaints than normal children, including stomach aches, headaches, proneness to infections and general malaise with no obvious cause. In one study, 24% of ADHD boys and 35% of girls between 12 and 16 fulfilled the criteria for somatisation disorder (Szatmari, P. et al., 1989, op. cit.).

Because fatty acids and their derivatives play a critical role in regulating immune and digestive functions (Alexander, J.W., *Nutrition* 1998;14:627-33), EFA deficiency is known to contribute to general health problems such as proneness to infections and digestive and related disorders.

Symptoms of depression, anxiety and low self-esteem are typical in ADHD, whose co-morbidity with other behavioural and emotional disorders is common, with up to 44% having at least one other psychiatric disorder (Szatmari, P. et al., 1989, op. cit.). Increasing evidence is appearing that n-3 fatty acid deficiency may be important in depression (Hibbeln, J.R., *Lancet* 1998;351:1213; Peet, M. et al., *Biol. Psychiatry*

1998;43:315-19), and a recent double-blind, placebo-controlled study has shown the benefits of omega-3 fatty acids on the short-term course of illness in bipolar disorder (Stoll, A.I. et al., *Arch. Gen. Psychiatry* 1999;56:407-12).

Poor motor coordination is frequently observed in those with ADHD and, similarly, "soft" neurological signs such as motor overflow movements are also relatively common (Denckla, M.B. et al., *Arch. Neurol.* 1978;42:228-31).

Movement disorders in the general population are associated with deficiencies in LC-PUFAs (Nilsson, A. et al., *PLEFA* 1996;55:83-7) and thus poor motor coordination would be consistent with a lack of fatty acids.

ADHD's observed overlap with dyslexia (see above) appears to be stronger for attentional disorder without overt hyperactivity than for the mainly hyperkinetic form (Dykman, R.A., Ackerman, P.T., *J. Learn. Disabil.* 1991;24:96-103). The shared features include particular problems in specific aspects of visual and cognitive function (Connors, C.K., in Ravlidis, G., ed., *Perspectives on Dyslexia Vol. 1*, Wiley, Chichester, 1990:163-95). Deficiency in fatty acids has been proposed as contributing to dyslexia, and there is growing evidence that supplementation can help alleviate aspects of the disorder (Stordy, B.J., 2000, op. cit.).

Evidence of EFA deficiency or abnormality in ADHD

In an early study, Michell and his colleagues found lower plasma levels of DGLA, AA and DHA in 44 ADHD children compared with 45 matched controls (*Clin. Pediatr.* 1987;26:406-11).

They also found that significantly more of 48 ADHD children compared with 49 age- and sex-matched controls suffered from polydipsia and polyuria as well as health problems and language, learning and reading difficulties.

More recently, studies at Purdue University have provided further confirmation of abnormal fatty acid metabolism in ADHD. A team led by Stevens (*Am. J. Clin. Nutr.* 1995;62:761-8) found that, compared with 43 normal controls, 53 ADHD boys:

- were less likely to have been breast-fed (breast milk contains the pre-formed LC-PUFAs such as AA and DHA, whereas most formulas do not);
- were more likely to suffer from allergies and other health problems (already known to be linked with EFA deficiency);
- showed clinical signs of EFA deficiency (excessive thirst, frequent urination, dry skin and hair, and soft or brittle nails);
- had reduced blood levels of certain LC-PUFAs (especially AA, EPA and DHA) but *not* their EFA precursors;
- had an adequate dietary intake of the EFA precursors.

The results support the hypothesis of EFA abnormalities in ADHD and confirm that the problem lies in the conversion of EFAs to LC-PUFAs. Some 40% of ADHD children had a raised frequency of clinical fatty acid deficiency signs compared with only 9% of controls.

Stevens and his team also showed that both clinical signs and blood biochemical indices of fatty acid deficiency were significantly associated with the severity of reported behavioural problems and the incidence of learning and health problems (Stevens, L.J. et al., *Physiol. Behav.* 1996;59:915-20).

Another team (Bekaroglu, M. et al., *J. Child Psychol. Psychiatry* 1996;37:225-7) has reported that the mean serum free fatty acid level in 48 ADHD children was significantly lower than in 45 matched controls. A further, significant correlation was found between zinc and free fatty acid levels in the ADHD children.

Early studies of GLA supplementation showed only equivocal or modest benefits (Arnold, L.E. et al., *Biol. Psychiatry* 1989;25:222-8) probably because, as Richardson and Puri suggest (*PLEFA* 2000, op. cit.), n-3 rather than n-6 fatty acid deficiency is more relevant in ADHD and because of the short treatment duration. Recent research indicates that LC-PUFA levels in the brain may take up to three months to recover from a chronic deficiency state (Bourre, J.-M. et al., *PLEFA* 1993;4:171-80), and this must be taken into account in future studies.

At a National Institutes of Health special workshop on omega-3 essential fatty acids and psychiatric disorders, held in Bethesda, Maryland, on September 2-3, 1998, J. R. Burgess (1998) from the Purdue team presented preliminary results of a double-blind trial with ADHD children with clinical signs of fatty acid deficiency. They found that supplementation with a combination of DHA, EPA, AA and DGLA (weighted in favour of the n-3 fatty acids) successfully changed the blood fatty acid profile of ADHD children, from which followed reductions in ADHD symptoms.

However, another double-blind trial showed no benefits from supplementing with pure DHA (Voight, R.,

NIH, Bethesda, 1998). Richardson and Puri (p. 84) suggest that one reason may be that DHA alone is ineffective and that other fatty acids, especially EPA, may account for the Purdue study's positive findings. They also point to the differences in subject selection; the Purdue study selected children based on prior indications of fatty acid deficiency, while no such pre-treatment indices were used in the other, which adopted very strict exclusion criteria, excluding any co-morbidity and ensuring that the sample consisted of children with "pure" ADHD diagnoses.

To investigate the importance of EPA, Richardson is currently involved in a study of the effects of supplementing ADHD children with Eye Q (www.equazen.com), a product that contains a 4:1 ratio of EPA to DGHA. Results may be available by the end of the year.

Zinc status and colourings/heavy metal toxicity

Complementing Richardson's research on direct nutrition, work by Dr Neil Ward, in the Chemistry Department at the University of Surrey and adviser to the HACSG, and others has emphasised the critical importance of maintaining adequate zinc levels and

Deficiency in fatty acids has been proposed as contributing to dyslexia, and there is growing evidence that supplementation can help alleviate aspects of the disorder.

reducing the ingestion of additives and the burden of heavy metals (e.g., lead, cadmium, mercury) in reducing ADHD symptoms.

Early work found that zinc deficiency caused hyperactivity syndrome in rats (*Pediatr. Res.* 1975;9:94-7). Further studies (*Arch. Gen. Psychiatr.* 1981;38:714-8; *J. Pediatr.* 1994;125:691-8) showed that additives such as tartrazine (E102), one of the 15 azo dyes permitted in food, can trigger hyperactive behaviour in some children. One double-blind, placebo-controlled study by Ward and co-workers showed that in hyperactive (HA) children tartrazine could induce a reduction in blood serum and saliva zinc levels, with an associated increase in urinary zinc output (*J. Nutr. Med.* 1990;10:415-31). This change was related to deterioration in behaviour and emotional expression.

In a further study of HA children, Ward confirmed that the former had statistically lower zinc and iron levels compared to controls for blood, urine and washed scalp hair (all $p < 0.001$) (*J. Nutr. Environ. Med.* 1997;7:333-42). HA children known to react to synthetic colouring showed a significant reduction in their blood serum zinc levels and an increase in urinary zinc output in response to ingesting either tartrazine or sunset yellow (E119). Many HA children also showed significantly high levels of aluminium, cadmium and/or lead in their urine or hair. Raised aluminium levels are associated with antisocial behaviour in children (*Biol. Trace Elem. Res.* 1986;11:5), while cadmium has an adverse effect on brain metabolism, particularly a depres-

sive effect on levels of norepinephrine, serotonin and acetylcholine (Ward, 1990, op. cit.).

Moderate zinc deprivation in prepubertal monkeys has been found to adversely affect their performance in visual attention and short-term memory tasks, without affecting growth rate and without any overt signs of zinc deficiency (Golub et al., *Am. J. Clin. Nutr.* 1994;60:238-43).

Zinc deficiency can cause a hyperadrenal condition (*Physiol. Behav.* 1979;22:211-5), and adrenergic and dopaminergic system dysfunction have been implicated in ADHD (Kaplan, H. et al., *Synopsis of Psychiatry*, 7th ed., Williams & Wilkins, Baltimore, pp. 1063-8). It may also be associated with a reduction in melatonin secretion (*Int. J. Neurosci.* 1990;52:239-41), which, in turn, would lead to a reduction in serotonin secretion, which is known to be linked to aggressive behaviour.

In his most recent paper (*Nutrition Practit.* 2000;2(2):43-5), Ward summarises the evidence for the benefits of diet and trace elements and reports a study of supplementation on ADHD children. Of those given either dietary modification involving elimination, trace elements (zinc, iron and selenium) or EFA, or a combination of trace elements and EFA, the "most dramatic improvement" occurred in those on the combination, in terms of blood serum and hair levels and reduction in behavioural problems over a 10-week period. In a further, as yet unpublished, study, he found a progressive decline in blood zinc levels in four children using Ritalin over a 12-month period.

Given that zinc is an essential co-factor in over 100 enzymes and particularly in the conversion of EFAs to LC-PUFAs, zinc status and appropriate supplementation, plus assessment of synthetic food additives and heavy metals, would seem of primary importance in treating ADHD children.

CONCLUSION

The work of researchers like Dr Alexandra Richardson and Dr Neil Ward point irrefutably to two prime causes of the symptoms associated with ADHD. Given the paucity of evidence for any long-term benefit from MPH, its primary toxic effects and the first report that early MPH treatment in minors does correlate with later stimulant abuse in adulthood (Lambert, N., Hartsough, C., *J. Learn. Disabil.* 1998;31:533-44), it seems only common sense first to assess the nutritional status and heavy metal burden of any presenting child, correct it and observe any improvements in behaviour before considering any highly potent drug therapy. Environmental factors, such as fluorescent lighting, should also first be eliminated.

Let the advocates of MPH remember Hippocrates' primary command: "First, do no harm." He might have added, "especially to children".

Environmental factors, such as fluorescent lighting, should also first be eliminated.

Diagnosing ADHD

ADHD is defined by the "core" signs of inattention, hyperactivity and impulsiveness, according to the American Psychiatric Association's *Diagnostic and Statistical Manual of Mental Disorders (DSM, 4th edition, 1994)*, and is known as "hyperkinetic disorder" in the 10th revision of the *International Classification of Diseases (WHO, Geneva, 1992)*.

There are three subtypes of ADHD:

- combined type, with signs of inattention and hyperactivity/impulsivity;
- predominantly inattentive type, with inattention but not hyperactivity/impulsivity; and
- predominantly hyperactive/impulsive type, with hyperactivity/impulsivity but not inattention.

The diagnostic criteria further require that:

- the signs have persisted for at least six months to a degree that is maladaptive and inconsistent with the developmental level of the child;
- there must be clear evidence of clinically significant impairment in social or academic functioning;
- some impairment is present in two or more settings (usually at home and at school);
- some of the signs that caused impairment were present before the age of seven; and
- the signs do not occur exclusively during the course of a pervasive developmental disorder, schizophrenia or other psychotic disorder and are not better accounted for by other mental disorders (such as depression or anxiety).

The diagnosis of hyperkinetic disorder (HKD), sometimes used by UK clinicians, defines a subgroup of ADHD. HKD requires the presence of all three core signs: inattention, hyperactivity and impulsiveness. It also requires that all of the core symptoms were present before the age of seven years, are pervasive (present in two or more settings) and cause impairment. HKD is broadly similar to severe combined-type ADHD.

Continued on page 81

HEALING WITH COHERENT EMISSIONS OF LIGHT

*According to the
biophoton emission
theory, the key to
life and its
biochemical and
communication
processes is Light.*

Part 1 of 2

by Christa Muths, BSc, MA, MSc,
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BIOPHOTONS – THE LIGHT OF OUR CELLS

Light is linked to life functions and life force. In fact, organic life absorbs light, 'processes' it and emits it. To understand this, we need to look at several pioneering and revolutionary discoveries in this 'novel' science of light. Indeed, they represent the very basis of a colour therapy that I have developed.

In 1922, the Russian doctor and histologist Alexander Gurwitsch and his wife observed that onion cells separated by quartz glass were able to communicate. He assumed that it was a transmission of information via UV radiation.

Only as late as 1954 was it possible to measure this weak luminescence radiation with the help of a new device called a *photomultiplier*. Seedlings of several plants were used to carry out the measurement. The spectrum of the light radiation was between the red and the green field of visible light and showed an intensity of several tens to a hundred photons per second and square centimetre per emission.

In the 1970s, the German biochemist Fritz-Albert Popp asked himself how it was possible that the high loss of cells in the body is always in balance by regenerating on the same timing. Our body is the greatest marvel of nature. Our heart beats 100,000 times every day, we take over 25,000 breaths a day, and every second 10 million cells die and are replaced by new ones. How is this exact timing possible?

Our body seems to possess a dense material shape that is clearly defined. However, on the atomic level we are somebody different every second! Most of our approximately 100 billion cells are constantly replacing themselves. Even our DNA is subject to a continuous regeneration program. The pancreas replaces most of its cells every 24 hours; the cells of the stomach lining are reproduced every three days, white blood cells renewed every 10 days, new skin every four weeks; and bones can even regenerate themselves. On the atomic level, our body renews itself completely, almost 100 per cent, every four years.

In order to replace the dead cells, our body extracts nutrition from the food offered and knows with amazing accuracy to absorb exactly the substances it needs. So how can this process of sub-molecular precision occur even when we eat irregularly or even when our body does not get sufficient amounts of the correct building blocks such as vitamins, enzymes and amino acids? Where does this life energy come from and how does the body work with it? Many researchers have set up experiments in order to find answers to this very question.

An innovative answer in this area of research came in 1975 from a laboratory in Kaiserslautern. Popp was now able to demonstrate the ultra-weak cell luminescence, and he called it *biophoton emission*. According to Popp, the key to the elementary code of life, the communication between all forms of life, the control factor of the biological organism, is simply *light*.¹

An interesting experiment demonstrates this. Two glasses containing fresh pig's blood are put side by side. An agent is added to one glass and the blood reacts immediately by producing antibodies. But then the observer notices that the blood in the second glass has also started to produce antibodies, although no agent was added. If you carry out the very same experiment with two new glasses but put a wall opaque to light between those two glasses, the information to produce antibodies will not be transmitted to the blood in the second glass.

Biophotons, Popp observed, behave like a laser as message transmitters and serve to control biochemical processes. It has been demonstrated that no biochemical reaction on

the level of molecules is capable of managing such a transmission of information in such a short time-frame.

At the beginning, these revolutionary results were declared as metaphysical and thus considered to be unscientific. However, despite the ridicule from mainstream science, some worldwide research teams are actually working in this area. And the results of biophoton emission research are being used in industry and medicine, especially in the wellness movement. I am integrating these revolutionary, proven results regarding the coherence and meaning of light in our cells in my therapeutic work with colour.

Nowadays, single photons can be measured per minute, even per second. The value is expressed in a range from 10^{-19} up to 10^{16} watts per square centimetre. Daylight is about 10^{18} times more intense.

The more vital a system, the more intense is the motion of the photons and the stronger the photon emission will be and the longer it will be possible to store light in the cells. However, photon emission is very weak and can only be demonstrated with much effort and at a very high cost. Biophoton emission must not be confused with thermal radiation or bioluminescence.²

Thanks to high-frequency photography, which was developed in the 1950s, it is possible to show that not just the stars radiate but so too do human bodies. Kirlian photography was developed by the Russian couple Kirlian and Krisanova between the years 1939–1958. Thanks to this method, the aura could be demonstrated to

Western awareness for the very first time; the concepts of subtle energies, auras and meridians had already been long established in China and India and in some other ancient cultures.

Without light, there would be no life on Earth. The Sun is the greatest heat source and energy provider in our solar system. It emits a wide spectrum of energies that can enter into the Earth's atmosphere to varying degrees. Five per cent of the emitted solar energy that enters the Earth's atmosphere is ultraviolet (UV) light. **Illustration 1** shows the radiation spectrum of the Sun, and the wavelength and degree of absorption by the Earth's atmosphere.³

BIOPHOTON EMISSIONS

DNA and RNA have an inbuilt ability to repair themselves. Research about the self-repair mechanism of DNA and RNA has shown that the repair enzymes of DNA and RNA can only work with UV light. This is why this process is called *photo repair*. In experiments, laboratory animals that were kept in light, but with the UV part of the light spectrum removed, developed serious illnesses.

Colours are the children of light, which means they occur when light hits an object. Then light is: (a) mirrored or reflected (a white object reflects all photons); (b) swallowed or absorbed (a black object absorbs all photons); or (c) passed through something (e.g., a window) or deflected or broken (by entering a different medium like water).

Light travels at a speed of 300,000 kilometres per second in a vacuum. This speed is reduced if light has to pass through a transparent medium. When light passes through water, its speed is slower than when it passes through air. When light enters matter like glass or water, its speed slows down.

Biophoton emission must not be confused with thermal radiation or bioluminescence.

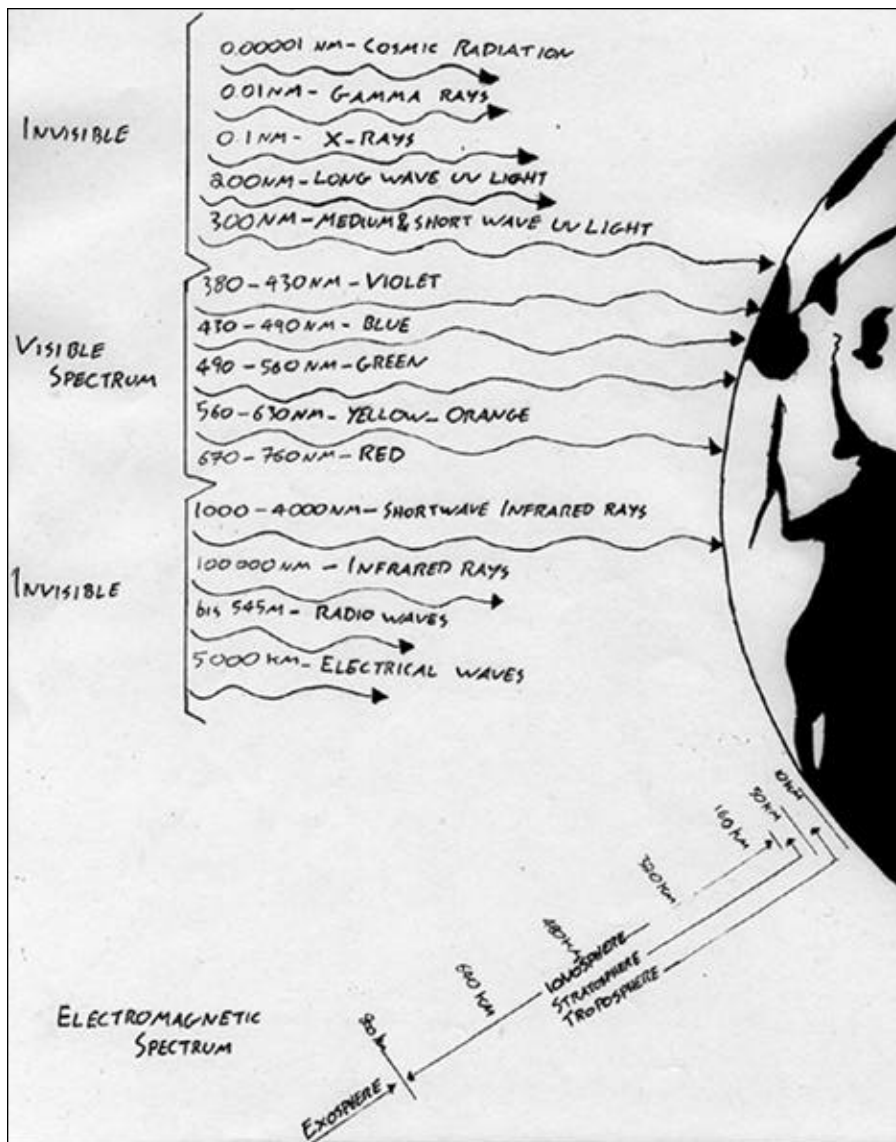


Illustration 1

However, in January this year, two separate scientific institutes in the USA succeeded in stopping light for the first time.⁴ Light was sent through an optically activated supercooled sodium vapour. This made it possible to stop light very briefly before letting it continue to travel on.⁵

Colours are measured in waves from peak to peak, and the measuring parameter is the nanometre (nm). Red can be found between 670–760 nm, yellow, orange and pink between 560–630 nm, green at 490–560 nm, blue at 430–490 nm and violet between 380–430 nm (illustrations 1, 2). Violet light is more curved than red light because it has a shorter wavelength and it can be deflected more. There are as many different listings of nanometre citations for the wavelengths of the colours and other emissions of the Sun as there are scientific books dealing with this very issue!

Through the process of photosynthesis, the Sun's energy is converted into chemical energy by plants and bacteria. Photosynthesis is one of the most significant reactions in nature and a prerequisite for what is generally described as life. Oxygen for breathing is formed by the process of photosynthesis—a process that was 'invented' about 350×10^9 years ago. The atmosphere of the Earth at that time contained much more methane, and the current atmospheric oxygen content of 21 per cent was developed by billions of photosynthetic activities using energy and sunlight.

Light has a paradoxical, dual nature; it is both wave and particle at the same time. However, it is impossible to measure wave and particle at the same time with the type of instruments and equipment that are available at present; traditionally, the scientific methods used measure either one subject or the other.

The model of the atom was developed by Rutherford in 1911, and it has turned out to be the basis for our modern understanding of atomic structure and biophotons, even if this model is no longer regarded as correct by many quantum physicists. Electrons spin in orbit around the atomic nucleus in a similar way to how planets spin or rotate as they revolve around the Sun (illustration 3). The protons of the nucleus are positively charged and the electrons are negatively charged. When a photon hits an electron, it propels the electron onto the next outer and energetically higher orbit or shell. The electron will move on this shell for as long as it can maintain the new energy given to it by the photon. It then jumps back to its old shell, emitting energy during this process in the form of radiation measured in photons (illustration 4). The energy of photons is measured in

electronvolts (eV). This is the amount of energy gained by the electron or particle running through a voltage difference with a charge of one volt.⁶

Nobel Prize-winner Niels Bohr designed a new model of the atom in 1913. In this model, which is still the most widely known today, the electrons spin around the nucleus in stable orbits. He assumed that electrons can jump onto or off their orbits by absorbing or emitting a specific amount of energy: the quantum leap theory. The whole idea of an orbit depends on classical physics, whereas the idea of electrons corresponding to fixed amounts of energy levels comes from quantum theory.

Bohr made his atom model by patching together bits of classical theory and bits of quantum theory. Although his theory gave no insight into what makes atoms tick (and this model turned out to be wrong in almost every aspect), it helped him and the other scientists make progress because it provided a transition to a genuine quantum theory for the atom.

But, because this model is so nice and simple—a "seductive picture of the atom as a miniature solar system"⁷—it is still the most widely used model, although it has outstayed its welcome.

Illustration 5 shows the most modern understanding of the atom. Here the atom is embedded in an electromagnetic field. A 3D animation would beautifully demonstrate the vibrating atom and its electrons. The electron is simply something that moves outside

the nucleus and has a certain amount of energy and other properties. It moves in mysterious ways. The electron 'likes' to stay near the nucleus.

The uncertainty principle postulated by Heisenberg says an atom's exact position cannot be determined.⁸ This is due to the wave characteristics of the particles. "As the electron is much lighter than the nucleus, its uncertainty is much higher and the area where it can be hit is much larger than that of the nucleus."⁹ This creates the paradoxical possibility that the same atom may be in different places at the same time.

The mass of an atom's nucleus and electrons make up altogether only 0.000000000001%.

The remaining 99.9999999999% is free space.

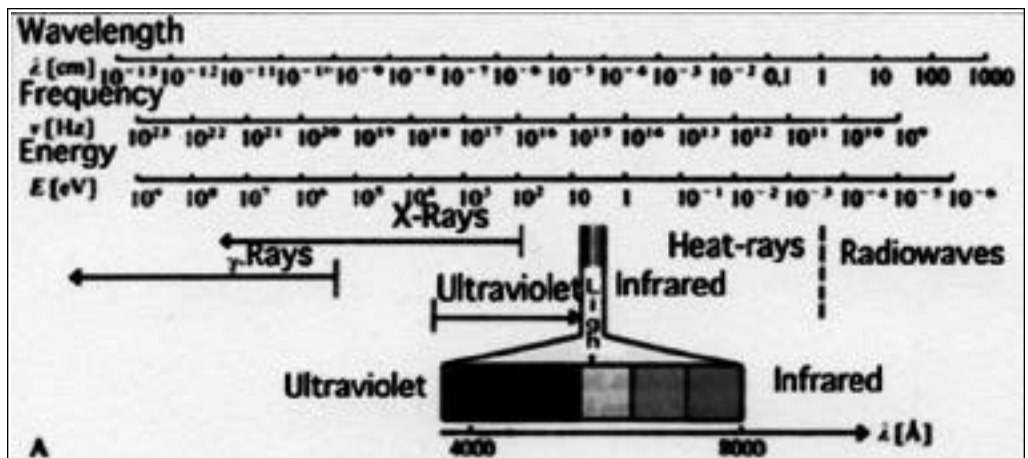


Illustration 2

However, it is important to show these very different models because they:

- are excellent examples of mirroring the changing processes in development;
- show the growing/expanding level of consciousness of scientists;
- illustrate how slowly but gradually such research results enter the minds of school education and the general public after nearly 30 to 50 years;
- illustrate how such developments do not become common knowledge and gain credence in people's minds, despite being widely publicised in many kinds of media;
- represent the basis of our overall understanding of reality.

This rather static model was at its time revolutionary and is still the model predominantly being taught in our schools today. However, it makes a substantial difference whether the world is understood as moving in static orbits or is seen as being embedded in an electromagnetic vibration field. The crucial difference lies in understanding that the movements of the vibration and wave model cannot be calculated exactly but have to be conceived of as a process and in constant motion. All states are possible at all times, and situations can only be predicted with probability. According to our current understanding, they are never exactly calculable and determinable.

The mass of an atom's nucleus and electrons make up altogether only 0.000000000001 per cent; the remaining 99.999999999999 per cent is free space. This corresponds exactly to the distribution of planets and stars in relation to free space in the universe.

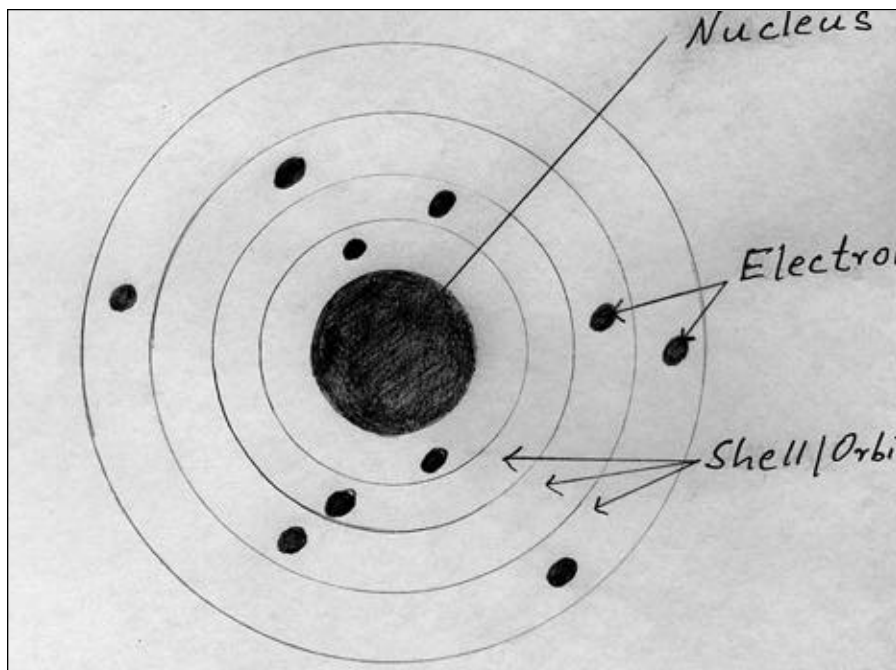


Illustration 3

Light not only transmits energy, it is also a source of information and a carrier of information. It carries the signature of its source. "Every chemical element leaves a characteristic fingerprint in its spectrum of light."¹⁰ This knowledge has been used by industry for many decades. One application, spectral analysis, is an important method for identifying and testing atoms and molecules. In spectral analysis, green stems from oxygen whereas blue and violet colours indicate the existence of nitrogen atoms.

Even the number of photons can be estimated in the observable cosmos: approximately 10^{89} —a billion times more than the number of estimated atoms.

The more vital or healthy a body is, the longer an electron can store light, the energy of the photon. That means that the electron can move longer on the outer orbit, thus allowing the atom, the cell, the organ and the entire organism to react more flexibly by adjusting to any modifications.

Popp scientifically proved that free range eggs have a significantly higher capacity to store light than do eggs from chickens kept in battery cages.¹¹ The same

difference is also evident in organically grown tomatoes compared to greenhouse-grown tomatoes. Frozen food radiates less (and more irregular) vitality than fresh food; so do potatoes treated with artificial fertiliser, compared with those that are organically grown. Any form of manipulation, including the use of pesticides, has a negative impact on the initial electromagnetic state of food.

Electrons are in constant motion around the nucleus; protons and neutrons are in constant motion or vibration within the nuclei; and quarks (even smaller units) are also in constant motion within the protons and neutrons. It is possible to demonstrate the exact orbit and position of vibrations in laboratory tests, but by doing this we can only capture fractions of a moment in time of the position of the particles—protons, neutrons, electrons and photons. We know absolutely nothing about their vibrational relationship to each other, how they relate to each other, and what influences can change the resonance. We focus on many single momentary observations, which we add up to construct a theory, which in turn is basically just a collection of impressions of momentary glimpses. This does not take into account the internal interactions of the observed system.

In modern physics it is very important to understand how the photon moves in the space-time continuum, as photons are the carriers of electrical forces. If two electrons approach each other, they will repel each other because of their electrical charge. The photon is set free from the electron it moves away from, and is then in turn absorbed by the other electron which is going to move

Normal cells and tissue as well as biophotons resonate in specific wave patterns ...

Tumour tissue, however, can be defined as having lost its inner coherent program ...

onto a higher orbit. A photon moving in the space-time continuum spontaneously creates an electron/positron pair. Positrons have the same mass as electrons, but are moving in another direction and are charged positively.

For every particle there is an antiparticle that possesses the same mass, the same spin and the same lifespan but has an opposite charge. If an unstable particle breaks down into other elementary particles, the antiparticle will also break down into antiparticle products. The photon or light quantum is identical to its antiparticle. If one particle interacts with its antiparticle, both particles are being destroyed and energy is transformed into photons or mesons.¹²

Thus we can assume that all material forms and systems—as well as non-material forms, i.e., those that are not visible to us—move in a specific wave-resonance field. Also, that although this balance is very stable, it is at the same time unstable. Any disturbance or perturbation within this vibrational field will trigger changes. If an object is excited to higher pulsations, this will change the whole field, including the entire resonance of its surrounding area, and will also affect its resonance with other objects.

Normal cells and tissue as well as biophotons resonate in specific wave patterns. Free-radical lipids of liver, brain and gall luminesce in the blue-green and red of the spectral image range. Normal tissue can adjust quickly and be flexible to constant changes. In most circumstances, the automatic feedback system of the human body has the ability to restore itself to its optimum state. Tumour tissue, however, can be defined as having lost its inner coherent program and thus lost the ability to react in resonance to changing situations. As a consequence, tumour tissue is no longer able to communicate coherently via the biophotons.¹³

DNA, LIGHT AND INFORMATION

DNA is the central storage repository for light in our body and is twisted around itself in a double helix which can turn right or left. It belongs to the group of nucleic acids, of which there are two chains: the DNA and the RNA. DNA and RNA are built like a helix. Both strands form the structure and consist of sugars and phosphate groups that show a basic reaction. The links are attached to the sugars and are basic. However, there are only four bases in the DNA: adenine, thymine, cytosine and guanine. These are generally referred to by their initials, A, T, C, G, where A can occur only if paired with T and if C is paired with G. The base sequence has been described as our genetic code so far.

Only as recently as early February 2001, researchers realised that the DNA and RNA molecules are a laser-active medium and can produce an optical hologram that communicates with the resonance of the background fields of our Earth and the planets as well as galaxies.

However, 20 years ago, Popp developed an idea about this kind of interaction when he referred to the fact that cells—in particular, the DNA—do not simply absorb light but *emit it coherently*.

This means that they can give off light in a non-chaotic manner. "Coherency is the ability of waves to overlap, where spatially different sources of photons either strengthen or weaken each other. This results in a structured state where waves can form a coherent and communicating field, and this field is interactive to a high degree; in the case of non-coherent photons (chaotic or thermic), any interference causes them to collapse within seconds."¹⁴

Hence, the way ultra-weak luminescent cell radiation works is of significant importance. It does not radiate chaotically but behaves in a stable manner, phased like a laser—which is light in a coherent form.¹⁵

The biophoton theory is based on an interaction of cause and effect that is not linear or target-oriented, as understood by modern science, but instead fulfils its 'purpose' in a cooperative way.

Communication turns out to be one of our most basic properties; i.e., communication within the system as well as communication with the outside. The aim is to counteract entropy, loss of structure, chaos, a state of high disorder, so as to create and maintain a state of excitement. A high level of order within the body enables an undisturbed flow of information and communication. This in turn maintains the metabolism as well as all other life processes. The building and depletion of cells, the synthesis of proteins, carbohydrates and lipids as well as the flow of neurotransmitters and the entire cell

metabolism all work on an extremely rapid transfer of information that can only be achieved by light transmission. Lack of energy and blockages are signs of disturbance in the flow or process of life. This disturbance can occur on all levels,

... the biophoton theory offers a model where life and all particles of a system relate to each other coherently and where they communicate with each other ... to produce the optimal condition for the entire system.

metabolism all work on an extremely rapid transfer of information that can only be achieved by light transmission.

Lack of energy and blockages are signs of disturbance in the flow or process of life. This disturbance can occur on all levels,

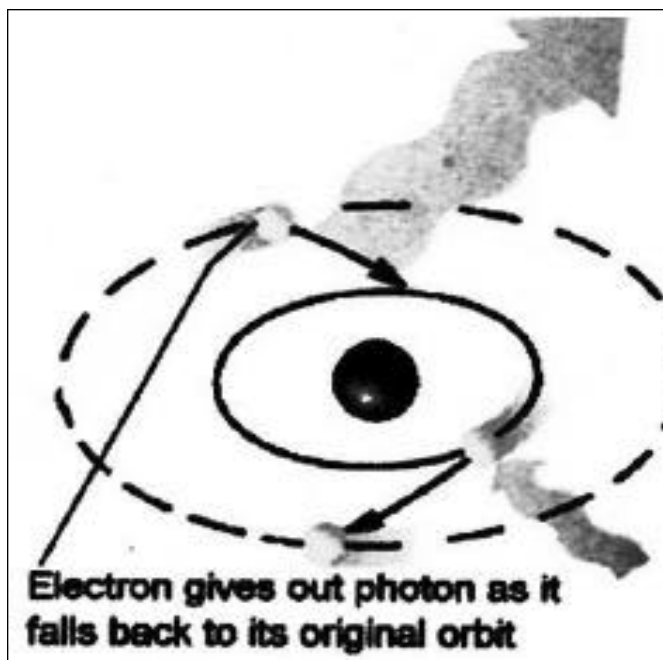


Illustration 4

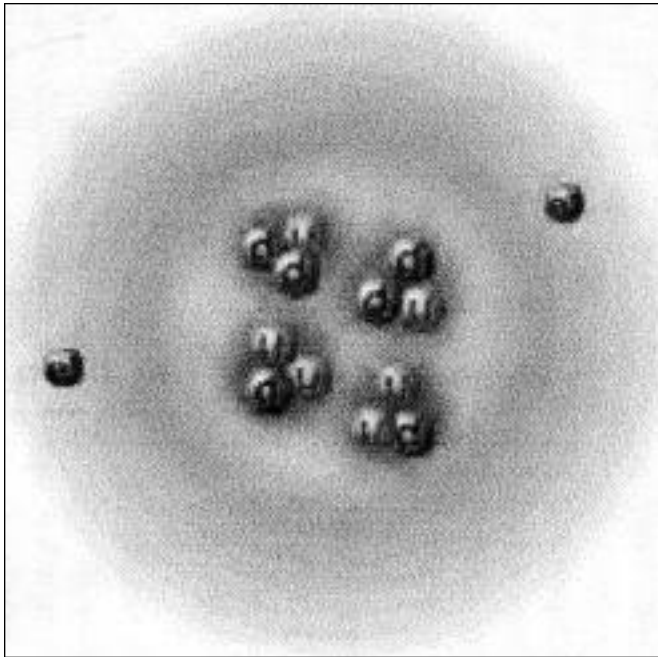


Illustration 5

whether atomic particle or cell, organ or psyche. Hence any disease can be interpreted as a manifestation of a loss of information and communication within the body!

In the world of our materialistic science based on Darwinism, everyone is fighting against everyone and even each gene tries to achieve an advantage over the other gene. In this concept of nature, where everyone is against everyone, there is no concept of interaction or cooperation. This general concept of life as war expresses itself in our medical language. We talk about the immune system as being the army leader against bacteria and viruses.¹⁶

In contrast to this, the biophoton theory offers a model where life and all particles of a system relate to each other coherently and where they communicate with each other to achieve a sensible cooperation in order to produce the optimal condition for the entire system.

Light emission is strongest whenever DNA is reproduced. About 90 per cent of the biophotons are emitted in the cell nucleus by the DNA. However, according to current mainstream scientific understanding, the DNA does not participate in metabolism. I consider this to be a very linear way of looking at

the body and its functions. The DNA is an excellent storage medium for light and thus also for oxygen because of its form, the double helix. Perhaps this is why DNA is the basis for all processes occurring in the body—and thus also participates in metabolism.

At least two functions are currently assigned to the DNA: the coding of genetic information, which is passed onto the next generation in the germ cell, and the storing of information to build all cell components. The coherent light from the DNA controls all important biochemical and changing processes. These processes are the result of information carried by photons.

The knowledge about the tasks, functions and the meaning of DNA is not new. When the anthropologist Jeremy Narby lived in the jungle with the Peruvian Indians, he discovered that their phenomenal knowledge about plants and their biochemical reactions included knowledge about the DNA, which was symbolised by two dancing snakes.¹⁷ These shamans go into contact with the energies, with the resonance field of themselves, the plants and the other person, and thus are able to obtain information not only about the use and application of healing medicines but also about the type of disease and its cause. The Curanderos of Mexico work in a similar way. They go into contact with the resonance field of the sick person as well as their environment to obtain more detailed information about healing possibilities.

The most recent realisation of modern science—that DNA and RNA produce optical holograms and are in resonance with all background fields—corresponds with the understanding and approach of the shamans of old, and also with the world concept of many holistic colour therapists.

Continued next issue...

About the Author:

Christa Muths, BSc., MA, MSc, NFSH, MIAC, is a member of the New York Academy of Science and the Scientific and Medical Network, UK, as well as the author of numerous articles and four books on holistic healing and energy therapy.

Christa is an accredited spiritual teacher and healer, and in 1991 founded *espacio*, the International Centre for Holistic Studies. She is also the publisher/editor of *espacio-time*, a quarterly magazine dedicated to the integration of body, mind and spirit, covering science, medicine, philosophy and spirituality in theory as well as practice. *espacio* offers a range of accredited diploma courses in various holistic modalities including colour therapy.

For further information, visit the *espacio-time* website at www.espacio-time.com.

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WALL STREET, CIA AND THE GLOBAL DRUG TRADE

**Former Los Angeles
policeman Mike
Ruppert blows the
whistle on Wall
Street's role in
laundering drug
money for CIA
enterprises, and
warns that
Colombia will be
the centre of the
next regional
conflict.**

An interview with
Michael C. Ruppert

by Guerrilla News Network © 2000

From the web page:
[www.guerrillanews.com/crack/
m_ruppert.html](http://www.guerrillanews.com/crack/m_ruppert.html)

Please introduce yourself.

I'm Mike Ruppert, and I'm the publisher of *From The Wilderness* newsletter and an ex-LAPD narc and general troublemaker fighting corrupting and evil influence around the world.

When you created the newsletter, what were you responding to and what were your intentions?

Well, in March of '98, it was about four months after I confronted CIA Director John Deutch at Locke High School on world television—he had come to Los Angeles to talk about allegations about CIA dealing drugs. I stood up on CNN and ABC Nightline and I said: "I am a former LAPD narcotics detective. I worked South Central and I can tell you, Director Deutch, that the Agency has dealt drugs in this country for a long time." And the room exploded, and what I saw at that time was there was a crying lack of knowledge in the body politic about how much evidence there really was about the criminal activities of the Central Intelligence Agency, specifically about dealing drugs. I said: "Wait a minute; I can pull out a little newsletter and say, 'If you look at this document, here's the proof for that.'" Because a lot of people were running around with the vague notion that maybe the CIA were bad guys and had done some things wrong, and they didn't know how much actual proof there was. So that's been the mission: to present the real proof that's irrefutable about what goes on.

Let's talk about your experience on the beat and what you confronted as a citizen trying to do right in the streets—must be pretty wild as it is.

I haven't been a policeman now for a long time. I graduated from the LA Police Academy class of 11/73, hit the streets in January of '74 in South Central Los Angeles. It was a vastly different world then; there was no cocaine and we had six-shooters and straight batons and nobody had a radio that you carried around with you. But the world has changed enormously. I specialised in narcotics quickly, and heroin was the predominant drug on the street in my area; it was Mexican brown heroin in those days.

And what happened to me was that I met and fell in love with a woman who was a contract CIA agent, a career agent. Now, I come from a CIA family and they had tried to recruit me, so this was not unexpected to me, but I began to see that she was protecting drug shipments and that the Agency was actively involved in dealing drugs. This happened with her in Hawaii, Mexico, Texas and New Orleans, and I kept saying I'm a narc, that I'm not going to overlook drug shipments. That's what basically set me on the irreversible course of events that determined the rest of my life. That was 1977.

You imagine someone in the CIA as thinking about protecting the country, or at least imagine the intelligence community as something that's ordered around national security. What do you think it is that triggers them to want to reconcile drug shipments in the country in line with that pursuit?

Well, they don't even have to reconcile it. That's what took so long to figure out, but what we teach now with *From The Wilderness* is that it wasn't just CIA dealing some drugs to fund covert operations. It is that drug money is an inherent part of the American economy. It has always been so, as it was with the British in the 1600s when they introduced opium into China to fund the triangular trade with the British East India Company.

The point about the drug trade is not that the CIA dealt a few drugs during the Contra years to fund the covert operation that Congress didn't want it to engage in. The CIA has dealt drugs for all 50 years of its existence—50 plus years, even before it was the CIA. And the point is that with 250 billion dollars a year in illegal drug money moved, laundered through the American economy, that money benefits Wall Street. That's the point of having the prohibitive drug trade, which the CIA effectively manages for the benefit of Wall Street.

Just before the Contra war, the annual cocaine consumption in this country was about 50 metric tons a year; let's say back in 1979. By 1985, it was 600 metric tons a year. We are still consuming 550 metric tons of cocaine a year in this country, and the money that's generated from that is used...let's say some drug dealer in Colombia calls General Motors and buys a thousand *Suburbans*—GM doesn't ask where it came from. Philip Morris is now being sued by 28 departments (the same thing as states) in Colombia for smuggling two billion dollars worth of Marlboro cigarettes into Colombia and getting paid for it with cocaine money! That money boosts Philip Morris's stock value on Wall Street; General Electric the same way...it's documented in the US Department of Justice.

So the purpose of the Agency being involved in the drug trade has been to generate illegal cash, fluid liquid capital, which gives those who can get their hands on it an unfair advantage in the marketplace.

So when you hear the term "War on Drugs"...

Well, it's not a War on Drugs. It's a War on People. Consider this: Joseph McNamara, a former chief of San Jose from the Hoover Institute at Stanford University, published some really telling figures. In 1972, when Richard Nixon started the War on Drugs, the annual federal budget allocation was 110 million dollars a year for enforcement. In fiscal year 2000, 28 years later, the budget allocation was 17 billion dollars a year, and yet, in the year 2000, there are more drugs in this country, they are cheaper, and they are more potent than they were in 1972. That has to tell you that there's some other agenda going on here.

Going back to the idea of China and the Opium War, it is described also as a war on the people of China, to bring them

to a state of passivity where they couldn't actually be a force. Do you see in some way the drugs that come in satisfying a racist goal—with the crack laws especially in black inner city populations?

There are a number of ways to look at that. For the British, the introduction of opium into China was a means to an end. China was a homogeneous culture. When the British arrived there, they were these Caucasian heathens. The Chinese didn't want anything to do with them; they didn't want to give up their tea, they didn't want to give up their silk, and the British said "We can't have this". They went to India and grew the opium poppy in east India, in the foothills of the Himalayas, and smuggled it to China. And what they did over the course of a hundred years was they converted China from a homogeneous culture that was unified, into a society of warlords fighting for turf to see who had which drug-dealing regions.

If you look at what happened in South Central LA in the 1980s, the model is exactly the same; it didn't change. When I talk about narcotics, I come from several different angles. It's not just that I am a former narcotics investigator with the LAPD; I am also a recovering alcoholic who has sponsored men in recovery for 17 years. I've served on the board of directors of the National Council on Alcoholism. Alcohol is a drug. I have written more than 35 articles in the US *Journal of Drug and Alcohol Dependence* on treatment of addiction, recovery from addiction. The issue with drugs is this: people are going to get addicted no matter what you do, and a certain percentage of any population will always get addicted.

What the Agency has done (and I have written specifically on this; it's on my website), through institutions like the Rand Corporation and UCLA's Neuropsychiatric Institute and a number of academic projects which the CIA has funded, is they have deliberately engaged in pharmacological research to find out which drugs are most addictive. For example, in 1978–79, long before the cocaine epidemic hit here in the United States, research scientists from UCLA's Neuropsychiatric Institute, some of whom, like Louis Jolly West, who were very closely tied to the *MK-ULTRA* program, were doing research in South America where South American natives were smoking *basuco*, which has the same effect as crack cocaine. And the addiction was so strong that they were performing lobotomies and the people were still smoking the *basuco* or the paste in Colombia; and they knew that because NI and the Rand Corporation brought that data back.

So the CIA knew in 1980 exactly what the effects of crack were going to be when it hit the streets.

Who benefits most from an addicted inner-city population?

It's not just who benefits most; it's how many people can benefit on how many different ends of the spectrum.

We published a story in my newsletter *From The Wilderness* in May of 1998 that was written by Catherine Austin Fitts, a former Assistant Secretary of Housing [and Urban Development, HUD]. She produced a map in 1996, August of 1996—that's the same month that the Gary Webb story broke in the *San Jose Mercury News*. It was a map that showed the pattern of single



Sorry, sir, it's out of my control.
Officially, from now on, you're Big Metre.

family foreclosures or single family mortgages—HUD-backed mortgages—in South Central Los Angeles. But when you looked at the map all of these HUD foreclosures, they were right in the heart of the area where the crack cocaine epidemic had occurred. And what was revealed by looking at the HUD data was that, during the 1980s, thousands of middle-class African American wage-earning families with mortgages lost their homes. Why? There were drive-by shootings, the whole neighbourhood deteriorated, crack people moved in next door, your children got shot and went to jail and you had to move out. The house on which you owed \$100,000 just got appraised at \$40,000 because nobody wanted to buy it and you had to flee; you couldn't sell it, so you walked on it. And what Catherine's research showed was that someone else came along and bought thousands of homes for 10 to 20 cents in the dollar in the years right after the crack cocaine epidemic.

So the economic model is the same one that's always been in play for the ruling elite: use the poor people's money to steal their own land. You get the poor people to buy the drugs, using their money; you take that money to bring in more drugs, which destroys their property value, and then you steal it back. And the same thing has happened not only in Los Angeles; it has happened in Washington Heights in New York. As a matter of fact, it's been documented by a fabulous researcher, Professor John Metzger at the University of Michigan, who is one of my subscribers; he has a doctorate of urban planning. It was discussed in the Kerner Commission Report in 1967 after the Detroit riots, where it became US government policy that no more than a quarter of the population of any major inner city should be minority. "Spatial deconcentration" they call it, which really sounds Nazi to me, but it's in the Kerner Commission Report.

So the plan is literally to kill, loot...let me make it real simple...it's "Kill the Indians, take the land, take the wealth". So it is something of a misnomer or a misconception to believe that all of the cocaine or all of the crack cocaine was only used by African Americans. There was almost as much crack being used by whites as there was by African Americans, certainly in terms of total consumption.

Whites probably consumed more cocaine than African Americans, but they consumed powder. And what we saw was a deliberate effort by the Agency or Agency-related organisations to make sure that the large quantities of the cocaine, and the high-quality cocaine, got into the inner cities like Los Angeles. It was protected. And that's what I saw with the LAPD. I saw the hands-on working relationship, the interface between local police departments and the CIA.

I was first recruited when I was a senior at UCLA. The Agency flew me to Washington and said: "Mike, we want you to become a CIA case officer. You've already interned for LAPD for three years, you interned for the chief, your family was CIA, your mother was NSA. We want you to go back to the LAPD, and being an LAPD cop will just be your cover."

Now the Agency has done that; we've documented it in New Orleans, in New York, in police departments all across the country. And I've seen the interface where the CIA will deal very quietly with local agencies to protect their drug operations. That's one of the reasons they have to do it; it weeds out competition.

Now the people who go on from CIA training and become police officer covers, are they not inherently crooked? Is it for money or do they actually believe there's a benefit here?

Well, we were talking earlier before about Lenny Horowitz and his great book, *Emerging Viruses*. He has a quote in the front of that book that's one of my favourite quotes of all time; it's from Alexander Solzhenitsyn. And Solzhenitsyn says that men, in order to do evil, must first believe that what they are doing is good, otherwise they can't do it.

Now, not everybody in a local police department who connects with the CIA is a case officer. The Agency will use contractors.

They'll approach guys who have military specialties and they'll hire them on the side. There are some like LAPD Chief Daryl Gates, who I believe was a case officer his whole life—and we can go there later if you want to. Others are just contract employees, but they brainwash themselves. And it's easy to believe—it's one of the worst human vices of all—that if you're making all this money and you have power, then you're doing it for a good cause. So there's an aspect of delusion about it, but it is one that becomes extremely vicious when you try to bring it out of denial.

Solzhenitsyn says that men, in order to do evil, must first believe that what they are doing is good, otherwise they can't do it.

The guy who goes and buys the house at the cheap rate, how is he really connected to the CIA who are bringing in drugs from Nicaragua? Some people would say that's a simplified version of a conspiracy theory. How would you respond to those people?

This is all documentable, this is provable, this is not speculation. We can trace this money very quickly; it's very easy to do. That's one of the reasons we've been so dangerous at *From The Wilderness*, because this is not speculation. Did the guy who was

operating the roundhouse that turned around the train that was rolling to Auschwitz know what was going on in the shower room? I'm not making that argument, but it was all part of the system that produced the same net result. And what you find repeatedly—one of the things that we'll be seeing more of, I think, in *From The Wilderness* and certainly I've seen excellent research on this—is that one of the biggest investors in HUD multi-family units and HUD mortgages is Harvard University. It is a huge corporation that has a long list of ties to organised crime. Well, you take major firms like Harvard or related investment firms that also turn out to be huge campaign contributors, and they find out that there are 200 houses on the market for 20 cents in the dollar and they don't ask how it got that way; they just follow the money.

I was at the Shadow Convention where I interviewed a number of very famous people—Jesse Jackson, John Conyers, Maxine

Waters, Arianna Huffington, Scott Harshbarger of Common Cause, a great many very important American people. I talked to them about the Ninth Circuit Court of Appeals in July of 2000 confirming that there was evidence that CIA was ordering drug dealing by a Contra leader, Reynato Peña. And it was funny, because I got all these political answers.

But one guy I talked to was a guy named Rex Nutting, who was the bureau chief of CBS *Market Watch*—he is the head guy for CBS for the stock market. And we're sitting back in the room—I'm waiting for Huffington to get free—and I'm talking to this guy about the fact that Richard Grasso, the Chairman of the New York Stock Exchange, last July went to Colombia and cold-called on the FARC guerrillas and asked them to invest their drug money in Wall Street. And Rex Nutting says: "Well, of course they always go where the money is. It's obvious."

The drug money is always going through Wall Street. Wall Street smells money and doesn't care where the money comes from; they'll go for the drug money.

And we jokingly laughed that the National Security Act that created the CIA in '47 was written by a guy called Clark Clifford, who was a Wall Street banker and lawyer. He's the guy that brought us BCCI. The job of writing the outline for CIA, the design for the Agency, was given to Clark Clifford by John Foster Dulles and Allen Dulles—both law partners in the Wall Street law firm of Sullivan and Cromwell. In '69 after Nixon came in, the Chairman of SEC [Securities and Exchange Commission] was William Casey—the same guy who was Ronald Reagan's Director of Central Intelligence. And the current Vice President in charge of enforcement for the New York Stock Exchange, Dave Dougherty, is a retired CIA General Counsel. The CIA is Wall Street, and vice versa. When you understand that, and that money is the primary objective, everything else just falls into place.

What is the character of our governing body that's taken on this apparatus? What times do we live in?

Well, this is the Roman Empire. This is the Roman Empire before the fall. There is no question. I have written extensively in *From The Wilderness* and we've been right...we talk about a thing called a map. Have you ever had the experience where you're reading a map—you're trying to go to a party or some place you've never been before—and you follow this map and you read it, and you see that according to the map you're supposed to be at 34th and Main, and you look up at the street sign and it says 34th and Main? You feel good.

But if you look up at the street sign and it says Fifth and Broadway, you get this real sinking feeling inside. Everybody, most of the world, is operating from a bad map. *From The Wilderness* has a good map because we've been able to predict what's going to happen; we can explain it and make sense out of it.

The map that we're following—and this is where I agree wholeheartedly with *Le Monde* in Paris, a fabulous publication that's about to give us a pretty decent endorsement in September [2000], this month—is that organised crime is probably the lubricating force for the entire world economy right now. There's a trillion dollars a year in organised crime money. That trillion dollars a year is liquid, and if you think of money—criminal money, drug money—as water, which is thin, it can flow very quickly from point A to point B. And in the world markets, where you apply money is where you control business. You control markets. You control banks. You control interest rates. Drug money flows fastest. Money that is not criminal money has to go through regulations and banking systems. It has to go through taxations. It's tracked. The lawyers follow it. That money moves like molasses.

So those who have access to the cheapest capital always win. That's why if you don't play with drug money in the world economy today, you can't play at all. That's why, as we have documented, drug money was going directly into Al Gore's presidential campaign. Why? Because the Republicans, going as far back as Reagan, were using drug money, and that's how they put Reagan into office—with Bill Casey. If you don't play in that mode, you can't play at all. But the analogy I use is that it's like a snake eating its own tail: it's got to stop sooner or later.

We were faced with a huge economic lapse in 1997 when the Asian economies collapsed and the whole world held its breath, waiting for the other shoe to drop in the American markets. Well, it didn't drop. But you know why it didn't drop? Because we went to war in Kosovo. We blew up several hundred billion dollars worth of bridges, refineries and factories. The KLA controls 77 per cent of the heroin that's entering into Western Europe. We loosened up that money. American companies got all these new contracts to rebuild the refineries, the bridges, and the economy was saved.

Now we're going to war in Colombia—we have already taken combat casualties—but it's not sustainable because Colombia is and will become another Vietnam. And South America is already saying "We're not going there".

So I think we're on the brink of some really serious economic upheavals in the US economy that are essential, because the system cannot last. The way I see it, this is this very much like Rome. And I see some big changes coming very soon.

Obviously you deploy information in the desire that people might become conscious of it and make a change. What do you think when the average American says, "Why is this not in the major media and, if it's true, then it's gotta stop"? What do you say?

As far as the major media go, it's real simple. First of all, if you look at what just happened with AOL and Time Warner who own CNN. We have proven in *From The Wilderness* that CNN flat lost a lawsuit over the use of sarin gas during Vietnam. The

... the Chairman of the New York Stock Exchange last July went to Colombia and cold-called on the FARC guerrillas and asked them to invest their drug money in Wall Street.

Tailwind suits were settled and the former producer, April Oliver, just bought a six-bedroom house. I mean, CNN cannot afford to tell the truth, because what happened when they tried to tell the truth is that Henry Kissinger and Colin Powell picked up the phone and scared Ted Turner to death by threatening his stock value on Wall Street.

It's very interesting to note that one of the companies I track as far as laundering drug monies go—General Electric—happens to own NBC. Now, everybody knows that GE brings good things to life; they make DVDs, VCRs, television sets, telephones. When drug money in South America says they'd like to buy 100 million dollars worth of TVs and DVDs so that someone laundering drug money in Colombia can open a chain of appliance stores and make that money legal, GE asks absolutely no questions about where that money is coming from. As a matter of fact, there are no requirements for Wall Street to report drug money being invested.

If you and I go to a bank and we take in \$10,001 in cash, the bank has to fill out a currency transaction report because you might be laundering money. GE can accept a check for 100 million dollars from the biggest drug lord in the world, and there is no requirement in the world that GE report that to anybody. But with a thing called the "price-to-earnings ratio" on their shares, a hundred million dollars in net profit for GE in South America—which was very easily done last year—equates to, at a price-to-earnings ratio of thirty to one, an increase in GE's stock value of three billion dollars.

So we're living in a hugely inflated bubble, and not one of the major media outlets in this country—all of which are publicly traded corporations afraid of takeover, trying to maximise profits—can afford to tell the truth. That's why we see these great opportunities for little organisations like *From The Wilderness*, and you guys, and everybody else that's coming up now—because what we're peddling is the truth, and what we find is that the truth sells!

Very well said. So now the second part of the question is this: what do you think the reaction of the American people will be when a critical mass of people actually digests this information in a rational way?

Denial is not a river in Egypt! There's gonna be a lot of wailing and gnashing of teeth. There are several ways that I describe this. America is hopelessly addicted to its consumerism and blinded by the fact that the good things that we enjoy in our lives are at the price of slave labour in Indonesia, East Timor and all over the world. But we're blind to that—the same way that a drunk on a barstool is blind to the fact that he's drunk. Alcoholics don't stop because they don't know *when* to stop, they don't know *how*. One is too many and ten thousand not enough.

There are two models that I use to describe what happens in the American culture. One of them is we're like a family in which the father is molesting the youngest daughter, and everybody in the family conspires in a conspiracy of silence to scapegoat the youngest daughter because they're afraid of what's going to happen to the family if they speak out or, worse yet, they think "Oh my God, he's going to come after me". America very much works that way.

But the other way that I look at it is that we have to hit a bottom. Something is going to have to break. Something's gonna have to fall out—something's gonna have to destabilise the equilibrium here before people will even begin to look at what's going on. Yes, we've made some enormous progress over the last five years because there's a real hunger for good information, but as far as reaching the vast majority of the American people goes, something's gonna have to knock 'em off their barstool!

Cool. How would you characterise our "democracy", the two-party system? Is there any truth to the fact that we elect our officials?

No. It's a joke. There are two ends of the same party. There are two factions. There's what I like to call a Clinton faction—even though he is leaving office—and a Bush faction. But they are like the Genoveses and the Gambinos. If I am going to be the shopkeeper who is going to be oppressed, it doesn't make any difference to me whether there's a Gambino or a Genovese sticking a gun in my face and taking the money out of my pocket. We rationalise this by saying, "Well, they keep the economy good, etc., etc." That's the blind spot.

But no one in the American political system is allowed to rise to the level where they can seriously compete for the White House unless they are already compromised. Period. I know; I've been there. I was the press spokesman for the Perot presidential campaign in Los Angeles County in 1992. I had known Ross Perot before—we had spoken on issues of the POWs, the CIA and drugs—and what I found out is that I have yet to meet a millionaire who has my best interests at heart. And what I saw done was

Ross had no intention of winning; it was all fixed even as far back as '92. I don't think we've had a fair election in this country since John Kennedy, even if that was fair, so...

Can you explain some of the political adventures or misadventures that brought the CIA to the public eye around drug dealing?

Well, if you go back historically, the Agency has been real active in Central America since the Second World War. I mean, the Agency was down there, even before it was CIA, with United Fruit and all the major landowners in Central America. In 1979, Anastasio Somoza, the dictator of Nicaragua, was overthrown by the Sandino movement—the Sandinistas. They were a "Marxist" movement, and Ronald Reagan mobilised the country to stave off this alleged threat of communist imperialism on America's doorstep. It was a whole lot of rubric and Congress didn't really want to get involved in it deeply. Congress passed some amendments to the Military Appropriations Act. They were known as the Boland Amendments, and were passed first I think in 1981 and again in 1984; they were Boland 1 and 2, which limited direct military aid to the Contras, the people fighting the Sandinistas.

And so the CIA and Ronald Reagan and Bill Casey and George Bush (Vice President George Bush) were running the whole operation; we know that now. They circumvented the will of Congress and there was this explosion of drug trafficking all throughout Central America, coordinated by the CIA. And we now have the CIA's own documents, and I can show you one

... no one in the American political system is allowed to rise to the level where they can seriously compete for the White House unless they are already compromised. Period.

later. It's the CIA's Volume 2 of their own Inspector-General's Report from 1998 where, in its own words, the Agency admits that of the 58 known Contra groups, 58 were involved with drugs. And that the Agency dealt with them; it protected six traffickers, kept them out of jail. One guy moving four tons of cocaine a month was using a bank account opened by White House staffer Oliver North. Other CIA assets were caught moving 200 kilos at a time—200 kilos is not personal use—and he was saying, "Well, I can't tell you what I'm doing because I'm doing it for the National Security Council"—that's the White House organ that oversees the Central Intelligence Agency. So we saw this huge explosion.

The point I make in my lectures is that in the mid- to late '70s, we in America—those of us who are old enough to remember—dealt with cartels but we didn't deal with drug cartels, we dealt with oil cartels. We had an oil crisis and it almost crippled the American economy. We had been subsidised by very cheap oil that we acquired by, in a sense, exploiting other countries. Well, then we had cartels of cocaine and we went from 40 to 50 metric tons a year to 600 metric tons a year. And that money was moved through Wall Street and became, in effect, the capital that replaced oil in the US economy.

How do you characterise the true governance in the world, and is this national or international?

Well, I think some of this is really traceable. Some people talk about something called the Illuminati. I've never met any Illuminati. When people start to talk to me about the Trilateral Commission, the Council on Foreign Relations and the Bilderbergers—those are all readily identifiable groups of people who are the wealthiest of the wealthy in the world. And we find the Rothschilds and there are groups of wealth in the world that are so powerful that political movements don't ever touch them. And yes, they are in effect a guiding unseen hand. I have yet to see one individual person—I don't think there's a Mr Big somewhere, like in the Wizard of Oz, pulling levers—that's responsible for all the evil. I've never yet found one person who, if they were killed, would take away all the evil.

I want to talk about Clinton for a bit because it's incredible that most people don't even understand Mena. Is he not the ultimate millennial politician, and can you just tell us a little about who he really is?

Bill Clinton... Well, first of all, he was up to his eyeballs in CIA cocaine in Mena, Arkansas. Again, it's provable; the *Wall Street Journal* covered it. The *New York Times* covered the aspects of that. Gary Webb in his fabulous book, *Dark Alliance*, produced documents showing that CIA contracts at the Mena airport were negotiated by the Rose Law Firm—Hillary's law firm. There is no question that Bill came up in that milieu. My democratic drug money piece also covered this, showing that the CIA

has been under Clinton control, funnelling money into the Democratic Party.

Bill Clinton is a guy who came up with this driving ambition to become President. He would do *anything* to be President. And he *did* do anything to become President. He is a lean, mean, vicious, ruthless streetfighter. Yes, he came from humble beginnings; his mother was a nurse, there was drinking in the background, his father died in a car crash. Some people have speculated that his real father might be Winthrop Rockefeller—who knows? But he is not a guy who came up in the fourth-generation in-bred George W. Bush style, you know, who has never had to fight a fair fight in his life. And my personal belief is that one on one, or politically even, the Clinton faction would kick the Bush faction every time—except the Bush faction just has lots more money!

Clinton played the games he had to play. I firmly believe that Bill Clinton was connected to the CIA as far back as when he was at Oxford. I believe his trip to Moscow was not to protest the war. I believe it was to spy on Americans. He was making his bones. And I've documented this very completely, about how Bill Clinton blackmailed his way out of the impeachment with the proof in the CIA investigations that Reagan and Bush had been dealing cocaine and ordering it, that Bush was involved in it first-hand; and that's where we got it—volume two of the report.

The big side-story of this is that the Gary Webb story was broken in August '96. We were promised all these investigations.

[Democrat Congresswoman] Maxine Waters jumped in and was running all around the country screaming about CIA and cocaine. In March of 1998, the Chairman of the Federal Reserve, Alan Greenspan, did a walking tour of South Central and Maxine received a 300-million-dollar empowerment grant. Then, in May, Maxine Waters received a "smoking gun" letter from Reagan Attorney-General William French Smith to Bill Casey, where it said the CIA no longer has to report drug trafficking by its agents! It's in writing!

Then, in October of '98, CIA Inspector-General Frederick Hitz released a report...well, actually, he didn't release it; he had finished a report as far back as May or June of '98 and it was classified as Top Secret; and it was left to the CIA Director George Tenet to declassify it for public consumption. Well, George Tenet works for Bill Clinton. Bill Clinton appoints the head of the CIA. Head of the CIA takes Clinton's orders. That report—that CIA report that absolutely destroys George Bush—is a public document; you can access it off my website copvcia.com, and I have these extracts that I sell. It was released to the public on October 8, 1998, one hour after Henry Hyde's committee on the judiciary voted to start the impeachment of Bill Clinton. Bill Clinton picked up the phone and said: "They're gonna impeach me? George Tenet, CIA, release the report that sinks George Bush; we'll see how far they want to go." Click. Maxine Waters stops screaming about CIA

One guy moving four tons of cocaine a month was using a bank account opened by White House staffer Oliver North.

Other CIA assets were caught moving 200 kilos at a time—and he was saying, "Well, I can't tell you what I'm doing because I'm doing it for the National Security Council"...

Continued on page 82

AMPLIFIED MIND POWER RESEARCH IN THE FORMER SOVIET UNION

*Behind the scenes,
the CIA had an
abiding interest in
watching the
progress of Soviet
parapsychology and
in exploring ESP
techniques for its
own covert
purposes.*

Part 3 of 3

by Martin Ebon © 1996

From the website:
[www.biomindsuperpowers.com/
Pages/Ebon1.html](http://www.biomindsuperpowers.com/Pages/Ebon1.html)

THE CIA'S EARLY INTEREST IN ESP PROJECTS

The following text, released by the Central Intelligence Agency under the Freedom of Information Act, deals with a twofold project designed to examine the potential use of extrasensory perception for "practical problems of intelligence". The author of the memorandum outlined a project of at least three years in length and estimated the cost for its first year.

The project was envisioned as aiming at reliability and repeatability among "exceptionally gifted individuals" and at the utilisation of "scattered" ESP results through "statistical concentration". Names, telephone numbers and other items that might permit the identification of individuals or departments were deleted by the CIA at the time the document was released in 1981, and such deletions are noted in the text.

There are no indications of whether the project was actually undertaken, nor is it clear whether the text is an interoffice memorandum between two agency officials or was addressed to a CIA official by a researcher working under a contract or grant outside the agency. The memorandum is dated January 7, 1952, and its full text follows:

If, as now appears to us established beyond question, there is in some persons a certain amount of capacity for extrasensory perception (ESP), this fact, and consequent developments leading from it, should have significance for professional intelligence service. Research on the problems of extrasensory perception has been in the hands of a very few workers and has not been directed to the purpose here in mind, or to any practical application whatever. However, having established certain basic facts, now, after long and patient efforts and more resistance than assistance, it appears that we are ready to consider practical application as a research problem in itself.

There are two main lines of research that hold specific promise and need further development with a view to application to the intelligence project. These two are by no means all that could be done to contribute to that end; rather, everything that adds anything to our understanding of what is taking place in ESP is likely to give us advantage in the problems of use and control. Therefore, the Rockefeller-financed project of finding the personality correlates of ESP and the excursions into the question of ESP in animals, recently begun, as well as several major lines of inquiry, are all to the good.

The two special projects on investigation that ought to be pushed in the interest of the project under discussion are, first, the search for and development of exceptionally gifted individuals who can approximate perfect success in ESP test performance, and, second, the statistical concentration of scattered ESP performance, so as to enable an ultimately perfect reliability and application. We have something definite to go on in each case, and it is with this in mind that we are inclined to make a serious effort to push the research in the direction of reliable application to the practical problem of intelligence.

First, a word about the "special subject". On a number of occasions, through the years, several different scientific investigators have, under conditions of excellent control, obtained strikingly long runs of unbroken success from subjects in ESP tests. The conditions allowed no alternative. At least one of them occurred with the target cards and experimenter in one building and the subject several hundred yards away in another. Due to the elusive, unconscious nature of ESP ability, these same

subjects could not reliably repeat, and during the years of investigation under the conditions of extreme limitations with which the work has had to be done, it has not been possible to solve the problem of overcoming this difficulty and bringing the capacity under reliable control. We have recently learned of two persons definitely reported to be able to keep up their rate of almost unbroken success over much longer stretches of time. These investigations have been going on in scientific laboratories, and from reports in our hands we have no reason to question their reliability. We have not been able to bring the subjects here or extend our investigation to the laboratories concerned. It looks, however, as if in these two cases the problem of getting and maintaining control over the ESP function has been solved. If it has, the rest of the way to practical application seems to us a matter of engineering with no insuperable difficulties. Even if there is anything wrong with one or both of these cases, this more extended control must come eventually, we think, and we have had in mind many lines of research, designed to try to bring it [about].

I shall not enlarge on the practical and technological developments that would be followed in bringing a capacity, such as that demonstrated in these card tests, of getting information in a practical situation. It will be seen that if a subject under control test conditions can identify the order of a deck of cards, several hundred yards away in another building, or can "identify" the thought of another person several hundred miles away, the adaptation to the practical requirements for obtaining secret information should not give serious difficulty.

The other practice on which research should be concentrated, we believe, is that of developing ways of using small percentages of success in such a way that reliable judgment can be made. While we are still exploring the advantages of this instrument of application, we have gone far enough to see how it is entirely possible and practical to use a small percentage of success, above that expected by chance alone, so as to concentrate the slight significance attaching to a given trial to the point where reliance can be placed upon the final application to the problem in hand. I believe you went into this matter thoroughly enough with [name of individual or unit deleted] that I will not need to review here the actual devices and procedures by which this concentration of reliability is brought about.

If we were to undertake to push this research as far and as fast as we can reasonably well do in the direction of practical application to the problems of intelligence, it would be necessary to be exceedingly careful about thorough cloaking of the undertaking.

I should not want anyone here in the [word or words deleted], except [two names apparently deleted] and myself, to know about it. We are all three cleared for security purposes to the level of "Secret". I would perhaps feel bound to have confidential discussion on the matter with [name or names apparently deleted]. Funds necessary for the support of the work would understandably carry no identification and raise no questions.

If there is no reason why there could not be, at any time it was justified, a renegotiation of additional needs that might arise that cannot be anticipated at this stage, I should prefer to proceed with some restraint in estimating what such a project would involve in the matter of funds. I shall estimate a research team of five persons working on this project primarily. There will be no careful line drawn. Three will be a great deal of exchange and, of course, no designation in the [several words deleted], a separate unit. For our purposes at the moment, however, the [deleted] can consider that such a test might consist of [names apparently deleted], a well-qualified statistician and two research workers qualified not only to handle groups of subjects but assist in the evaluative procedures as well.

The total salary estimate for these five people would be between \$22,500 and \$25,000. In order to take advantage of mechanical aid in the statistical work and such other matters as travelling expenses, it would be advisable to add \$5,000 as a conservative estimate. I think \$30,000 would be well spent on the first year. It is almost anyone's guess as to what the next year would lead us into, but it would almost certainly be more and probably a great deal more. I doubt if it would be profitable to try to fix it at this time.

Frustrated as we have been by having to deal in short-term projects and the wastefulness of effort that accompanies the attempt to do long-term research projects on that basis, I am about ready to say that without pretty definite assurance of at least a three-year program I should not want to try to assemble the personnel, design and research program and put the overall effort into what is really a major undertaking like this.

Much as I feel the urgency of having our country have as much a lead as possible in this matter, I do not think it is advisable to undertake it unless there is a certain amount of confidence on both sides of the agreement, and these short-term grants-in-aid are, after all, usually measures of limited confidence.

I might add that, while the Russians have both officially and through their leading psychologists disapproved of our kind of work, as they would have to do because of the philosophy of Marxian materialism, I have seen at least one reference to the fact that they have done experiments on our lines, giving a materialist interpretation.

If you can give me any information on this, I would appreciate it. Sometime we might discuss what the Nazis undertook to do...

CONGRESSIONAL ASSESSMENT OF PSI RESEARCH

Between 1969 and 1981, classified documentation regarding Soviet psi research efforts had become abundant but never released to the public, which remained ignorant of the "threat situation". Congressional leaders, however, were provided copies and extracts of the most sensitive documents.

The result was that in June 1981, the Committee on Science and Technology of the US House of Representatives issued a staff report that called for "a serious assessment" of parapsychology research in the United States.

These investigations have been going on in scientific laboratories, and from reports in our hands we have no reason to question their reliability.

The report took note of "the potentially powerful and far-reaching implications of knowledge in this field" and observed that the Soviet Union "is widely acknowledged to be supporting such research at a far higher and more official level" than is the case in the United States.

The report submitted the following questions "for congressional consideration": "Is funding for such research adequate? What is the credibility of such research in the sciences, humanities, and religions? How does the public perceive the credibility of research in this field from both a subjective and objective point of view? What should the Federal role in such research be and what agencies are or should be involved in such research?"

These suggestions and questions were part of a comprehensive "Survey of Science and Technology Issues, Present and Future", commissioned by the committee. In a section on Research on the Physics of Consciousness (Parapsychology), it defined the issue this way:

"Recent experiments in remote viewing and other studies of parapsychology suggest that there exists an 'interconnectiveness' of the human mind with other minds and with matter. This interconnectiveness would appear to be functional in nature and amplified by intent and emotion."

The report noted the history of studies in parapsychology generally, and in telepathy and psychokinesis specifically, and said:

"Attempts in history to obtain insights into the ability of the human mind to function in as-yet misunderstood ways goes back thousands of years. Only recently, serious and scientifically based attempts have been made to understand and measure the functional nature of mind-mind and mind-matter interconnectiveness. Experiments in mind-mind interconnectiveness have yielded some encouraging results. Experiments in mind-matter interconnectiveness (psychokinesis) have yielded less compelling and more enigmatic results. The implications of these experiments is that the human mind may be able to obtain information independent of geography and time."

The report acknowledged there could be "no certainty as to what results will emerge from basic and exploratory research" now underway, so that its potential importance and "its implications for the United States and the world at large can only be speculated upon". It then listed several categories on which parapsychological studies might have an impact. One of these categories had to do with national defence.

"In the area of national defense, there are obvious implications of one's ability to identify distant sites and affect sensitive instruments or other humans. A general recognition of the degree of interconnectiveness of mind could have far-reaching social and political implications for this Nation and the world."

The congressional report noted that studies in parapsychology had "received relatively low funding". It attributed this to the fact that "credibility and potential yield of

such research is widely questioned, although less today than ever before". It added:

"Thus far, the quality of research that even the strongest proponent of such research believes is necessary has been lacking due in part to low funding."

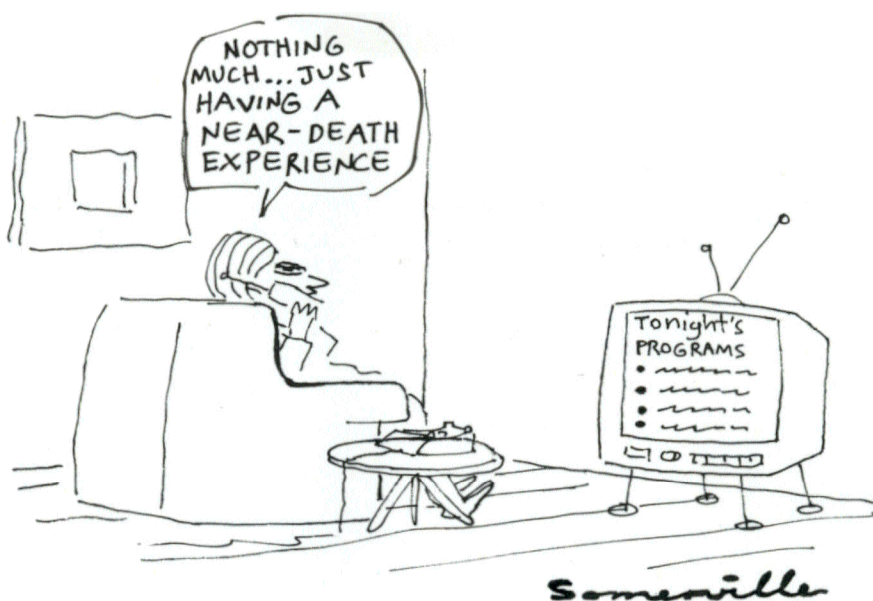
Such cautious, obviously well-informed appraisal of parapsychology on the part of a congressional body was unprecedented. Until then, Congress as a whole had not taken cognisance of ESP potentials in peace or war. Only one of its members, Representative Charles Rose, Democrat of North Carolina and a member of the Permanent Select Committee on Intelligence, had shown long-range interest in psychic studies generally and their warfare potentials in particular.

Agencies of the Federal government sporadically encouraged ESP research. But, given the ubiquitous nature of government concerns, such efforts often seemed no more than an expression of personal interests, the cautious involvement of "closet parapsychologists" at various levels in one or another agency. Individuals and groups that might want to follow the ideas expressed by the staff report on science and technology were likely to be held back by fear of ridicule, whether from within Congress or in the media.

As columnist Jack Anderson had phrased it, the Central Intelligence Agency had its "mouth watering" when it looked into Soviet research on remote viewing. Anderson wrote on March 20, 1981: "Who'd need a mole in the Kremlin when a psychic sitting at a desk in Washington could zoom-in mentally on a super-secret Soviet missile site or a Politburo meeting?"

One of Anderson's researchers, Ron McRae, was alerted to what he interpreted as serious armed forces interest in the psychic when he read Lt Col. Alexander's article in *Military Review*, late in 1980. McRae told another Washington writer, Randy Fitzgerald, that the article had convinced him "there were people in the Pentagon who were really taking it seriously".

"Who'd need a mole in the Kremlin when a psychic sitting at a desk in Washington could zoom-in mentally on a super-secret Soviet missile site or a Politburo meeting?"



Anderson/McRae erroneously claimed that a psychic task force, budgeted at \$6 million per year, had been established in the Pentagon "basement", and that the National Security Agency was examining the use of extrasensory perception in its code-breaking work.

Anderson's flippant terminology seemed designed to ridicule his findings or allegations. He wrote of "wacky projects" that covered "ESP weapons that can brainwash or incapacitate enemy leaders by thought transfer, deliver nuclear bombs instantaneously thousands of miles away by psychic energy, or even create a protective 'time warp' to make incoming Soviet missiles explode harmlessly in the past". He added: "The CIA, though historically less alarmist about the Red Menace than the Pentagon spooks are, also has been monitoring Soviet ESP research and pondering the possibility of less bizarre psychic weapons."

CIA's EXPERIMENTS IN MEDIUMSHIP

While the 1952 ESP project mentioned earlier may never have been undertaken, it seems certain that the Central Intelligence Agency did engage in psychic experiments. One source of information on this subject is ex-CIA employee Victor Marchetti, who wrote several books based on his 14 years with the agency.

Marchetti, who tended to be critical of the CIA's activities, has said that it once sought to establish mediumistic communication with the spirits of agents who had died. He recalled that the agency's "scientific spooks" were "progressing into parapsychology, experimenting with mediums in efforts to contact dead agents, with psychics in attempts to divine the intentions of the Kremlin leadership and even with stranger phenomena".

Marchetti asserted that the CIA had tried to make contact, through a medi-

um, with Oleg Penkovsky, a colonel in the Soviet Army who had been one of its most valuable contacts during his lifetime.

On May 11, 1963, Penkovsky appeared before the Soviet Supreme Court in Moscow, where he was declared guilty of treason and sentenced to be shot to death. As a colonel in the military intelligence branch of the Soviet Army, he had been assigned to artillery in a "civilian capacity". Penkovsky was a member of the Soviet State Committee for the Coordination of Scientific Research Activities, with responsibilities in domestic and international technological liaison and development. He had been an agent for Western intelligence agencies, presumably British services as well as the CIA. There is a simple kind of logic in trying to keep in touch with such a valuable agent, even after death.

It is speculative, of course, whether such contact can actually be established, whether spirit communication can be specific and reliable and could be checked against information from other sources or merely used to fill gaps in existing data.

It may be regarded as imaginative rather than foolish to have tried to reach someone like Penkovsky through a medium (or several mediums, cross-checking any resulting information for correlations and deviations). But the number of qualified mediums is limited and it would be difficult to keep such an assignment secret, even if the mediums concerned did not know whom they were expected to contact.

Marchetti said that, after Penkovsky had been executed, someone in the CIA had suggested, "Why don't we contact him?", and

that this suggestion had led to the agency's becoming "involved with mediums".

"They began to contact our own dead agents," Marchetti said, "as well as dead agents from the other side."

If the project expanded beyond an attempt to get in touch with the spirit of Penkovsky, it may be assumed that at least some of the mediumistic messages had been satisfactory or at least promising to CIA staff members.

"There is no indication that they have stopped," Marchetti said, "and no reason why they would."

At any rate, Marchetti's recollections suggest that the CIA had been alert to psychic potentials, no matter how unproved, in the service of intelligence-gathering.

NOVEL BIOPHYSICAL INFORMATION TRANSFER

The CIA was certainly justified in keeping an eye on Soviet studies. References have earlier been made to a report on Soviet parapsychology commissioned by the Central Intelligence Agency from the AiResearch Manufacturing Company of Torrance, California.

The research group's experts suggested that, in view of Soviet studies, the US government should initiate developments in what it called Novel Biophysical Information Transfer (NBIT) mechanisms that "are functional", although "they may have no relationship to common parapsychological phenomena".

The report (dated January 14, 1976) advised that such studies should be interdisciplinary, as this type of research "crosses so many widely different scientific disciplines".

The report noted that one Soviet researcher, Professor Gennady Sergeev of Leningrad, appeared to have perfected a mechanism capable

of measuring human brain function from a distance of five metres. The report observed that Sergeev's instrument was classified and that "no credible description of it is available—only allusions to its existence".

The AiResearch report traced reference to the Sergeev device in Russian scientific literature, while noting that "there is reason to doubt the Russian claim". It speculated that:

"...it is possible that a sensitive electric or magnetic sensor, or some combination of the two, would detect electrical signals from a human body at a distance of five meters.

"Although it is unlikely that the output of such an instrument would be a direct measure of the EEG, it would provide information of interest to a police interrogator, such as the strength and rate of the heartbeat, the tensing and relaxation of muscles, the depth and rate of breathing, and perhaps the electrical properties of the skin. The uses to which the instrument would be put are reasons enough for official secrecy about its operating principles."

The report noted Sergeev's professional competence, concluded its analysis with the assumption that Sergeev's remote sensor "does exist, in some form", and examined the possible development of remote sensors by Soviet researchers "following the indicated lines of investigation".

Where, the report asked, could Sergeev's findings lead? It made this cautious forecast: "Perhaps the Russians have, in fact, developed such instruments; perhaps they are going to do so. Perhaps they have tried and have not been successful."

**There is a simple kind of logic
in trying to keep in touch
with such a valuable agent,
even after death.**

Possible sensor developments discussed in the following paragraphs are not meant to be exhaustive; rather, they are speculative and offered as examples of what may or might be:

"A tuneable antenna for detecting low-frequency, very-low-frequency, or extremely-low-frequency electromagnetic radiation could be used. The Russians believe both in mental telepathy and in a prosaic physical mechanism for it. The most probable mechanism is electromagnetic radiation.

"A tuneable antenna could be used in two types of experiments: trying to detect the radiation from the telepathic agent, and trying to generate radiation of the right frequency to interfere with telepathic receptions.

"A neutrino detector may be used. Both the Russian Je. Parnov (*Nauka i Religia*, No. 3, pp. 44–49, 1966) and the American Martin Ruderfer ("Neutrino Theory of Extrasensory Perception" in *Abstracts: 1st International Conference of Psychotronics, Vol. 2*, Prague, pp. 9–13, June 1973) have suggested neutrinos as the means of transmitting thought from one mind to another.

"One of the collaborators of the present study, J. Eerikens, had a plausible hypothesis about the production and detection of neutrinos that could be experimentally tested by relatively modest expenditures for equipment and labor. A magnetic field or field gradient detector could be used.

"The Russians and other Eastern Europeans are greatly interested in dowsing, or finding ground water. A currently popular theory of dowsing is that the human body is sensitive to small changes (temporal and spatial) in the magnetic field of the Earth, such as might be produced by water near the surface of the ground. If the human body can generate as well as sense magnetic fields, such a human magnetism might be the basis of some form of thought transference or psychokinesis."

In conclusion, the AiResearch study suggested five areas of research as "the most fruitful lines of investigation", as follows:

1. The Psychophysiology and Psychology of Awareness of NBIT

This area includes such questions as: What are the modes of awareness that facilitate NBIT? How to select and train individuals for high resolution and reliable performance? Which of the possible transmission mechanisms can humans utilise for NBIT?

2. Transmission Mechanisms

This area includes such questions as: What are possible NBIT transmission mechanisms? How is information transmitted from the source to the recipient?

3. The Physiology and Biochemistry of Human Transducer Mechanisms

In this area, research would be conducted on physiology and biochemistry of reception and receptor mechanism.

4. Statistical Development

This area includes nonstationary analysis of random data, deviation from normally distributed data, and new developments in communication and information theory with respect to noisy channels.

5. Development of Non-Contact Physiology Sensors

This area includes development of MEG, thermography, low-frequency electric field monitors and other sensors.

Translated from its technical terminology, the report suggested to the CIA, or other US government agencies, that the conditions under which telepathy and related capacities operate should be more fully explored. Such a study would, of course, be designed to harness, control, boost and direct telepathic and other psi abilities.

SUPERSTITION OR EXPLORATION?

Among Washington's superstitious fears was concern over scathing criticism dispensed by Senator William Proxmire, Democrat from Wisconsin.

The monthly magazine *Discover* (February 1982), which was consistently sceptical of parapsychological claims, spoke of him as "one of the capital's most visible and colorful politicians, and certainly one of the wittiest". It wrote:

"An energetic foe of government waste and boondoggles, Proxmire is perhaps best known for his Golden Fleece of the Month Award, intended to publicize what the senator considers to be examples of foolish Federal spending."

The magazine concluded that the senator at times displayed a

"know-nothing attitude about science", but credited him with "being bright enough to know that scientific curiosity had been responsible for many of the civilization's greatest advances".

Imaginative research was given strong support by President Ronald Reagan on March 23, 1983, when he advocated intensified studies in so-called "Star Wars" technology. The President spoke of futuristic means designed to "eliminate" nuclear weapons. Space-based lasers, particle-beam weapons and similar devices were publicly discussed. Yet open-ended exploration of antinuclear

weaponry might well include "mind amplification" and other psychic warfare elements.

Washington's dilemma over psi studies placed it firmly between the recommendations to the Committee on Science and Technology and the real or imagined wrath of Senator Proxmire. It was thus caught squarely between the two Big Cs: Courage and Caution.

About the Author:

Following service with the US Office of War Information in World War II, Martin Ebon then worked on the staff of the Foreign Policy Association, and with the US Information Agency during the Korean War. From 1953 to 1965 he was administrative assistant of the Parapsychology Association in New York and travelled extensively on behalf of the Association's research endeavours. He has become a well-known figure in parapsychology circles. His lectures, reviews, research reports, magazine articles and books (over 60 of them) reflect serious treatment of the field. He is a lifelong researcher/writer/analyst regarding the political and scientific developments of Eastern European countries, the former Soviet Union and post-Communist Russia as well as Asia and the People's Republic of China.

In addition to his many books on parapsychological matters, Ebon is the author of: *World Communism Today*; *Malenkov: Stalin's Successor*; a biography of Ernesto "Che" Guevara; *Psychic Warfare* (1983); *The Andropov File*, a biography of the former head of the KGB; *The Soviet Propaganda Machine* (1987); and *KGB: Death and Rebirth* (1994).

"A tuneable antenna could be used in two types of experiments: trying to detect the radiation from the telepathic agent, and trying to generate radiation of the right frequency to interfere with telepathic receptions."

THE HARMONICS OF CORAL CASTLE

by Capt. Bruce L. Cathie (Ret.)
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A Construction Technique that Defied Gravity?

During a holiday in the United States in 1975, my family and I visited a fascinating tourist attraction called "Coral Castle". The complex was built over a period of 25 years and consists of over 1,100 tons of sculptured and carved coral rock. In 1984 it was placed on the National Register of Historic Places. It is located at 28655 S. Dixie Highway, Homestead, Florida.

The "Castle" was created by a slight, five-foot-tall, 100-pound man called Edward Leedskalnin, working entirely alone. He was born in a small village close to Riga in Latvia in 1887. In his younger days he worked as a clerk and later took up stone masonry, an unlikely occupation for one so small and frail. In 1912 he was engaged to a girl of sixteen, but she cancelled the wedding the night before the ceremony.

So Edward, completely heartbroken, left the village and travelled first to Europe, then to Canada. During this time he became interested in science, astronomy and particularly Egyptian history. I believe it was possibly during this time of study that he came across some secret knowledge that allowed him to carry out the unbelievable feat of moving massive stone blocks without the help of modern machinery.

For health reasons, Edward eventually left Canada and moved south to the United States, passing briefly through Washington state, California and Texas and finally settling in Florida. By that time it was 1918 and he was 31 years old. He purchased an acre of land in Florida City and it was there that he started using his stonemasonry skills. He began building what he called his monument to his "sweet sixteen".

During the night he worked on his first coral sculptures and during the daylight hours continued his study of the science of magnetism and cosmic forces. He was a

sociable type and often invited visitors to what he called "Ed's Place" and showed them his remarkable accomplishments in the carving of stone. Over time, his work became an attraction for the locals and visitors to the area and he started to charge a small fee for admission.

In 1936 Edward decided to move several miles to another location near Homestead. He purchased a 10-acre block of land and then had the problem of moving a few hundred tons of rock several miles up the road. He borrowed a neighbour's tractor and spent several months loading his bits and pieces by night and moving them by day. No one ever saw how he handled the pieces on and off the trailer. He named his new place "Rock Gate Park", and it eventually became known as "Coral Castle". The legend of Edward Leedskalnin had begun.

Until his death in 1951, Ed lived almost the life of a hermit behind the eight-foot-high walls that surrounded his workplace. He kept the gate to the complex locked at all times, and if he was not too busy with his endeavours he would let visitors in for a small fee and then, with much pride, show them his accomplishments.

Most visitors were obviously mystified as to how he could handle such massive blocks of stone on his own without the aid of heavy machinery. Ed's reply was that he knew the secrets of how they built the Great Pyramids.

The Castle is now known as one of the authentic wonders of the world and the best example of stone construction in the United States. The coral rock in the surrounding walls, alone, raises the question of how such a small person could man-handle such weights.

There is approximately 420 tons of coral rock, each block weighing an average of 6.5 tons, in the southern and western walls and around 240 tons in the eastern wall, within which are included: the Crescent of the East, 23 tons; the planet Mars, 18 tons; the planet Saturn, 18 tons; and the Obelisk, 28.5 tons. The heaviest cut stone in the complex is contained in the north wall and is said to weigh 30 tons. This complete wall contains 149.5 tons of coral rock.

The Castle is entered through a nine-ton rock gate, which is perfectly balanced and swings open with very little effort. It sits on an old truck bearing and is held steady



Aerial view of Coral Castle, Florida. The structure survived hurricane Andrew in 1992.

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by a pipe set in its upper surface. Engineers find it hard to believe that Ed was able to find the centre of gravity in this large stone in order to make it so easy to operate.

Leedskalnin made his living quarters in one corner of the area that is now called "The Tower". This is said to contain 243 tons of rock, each block weighing up to nine tons. Ed used the ground floor as a workshop and lived on the first, and he never allowed anyone to enter his home. He chiselled out a well that went down below the water table so that he could have a constant supply of water; he even put his bathtub near it for easy access.

Scattered about the grounds are many intriguing stone sculptures. There are rocking chairs and what he would call reading chairs, similar to modern-style armchairs, cut out of solid stone but very comfortable to sit in. There's a large table cut into the shape of Florida. And there's a sundial constructed in a unique way. It is accurate to the minute and adjusts to the change of seasons. The Sun's shadow falls on a contoured face of rock that is related to the Earth's curvature and automatically corrects the time. Ed said that it took two years for him to build it. The planets Mars and Saturn and the Moon are cut out of solid rock. There's a Moon Fountain, a "Telescope" whose aperture is focused on

Polaris, the North Star, and the Obelisk that is 40 feet (12.2 metres) in height. These are just some of the many attractions in this wonderful tourist venue.

It is said that Ed carried out all this work with the help of only a minimum of simple tools: tripods made from wooden poles, chain block and tackle, crude winches, and iron wedges made from old truck springs.

It is said that Ed carried out all this work with the help of only a minimum of simple tools: tripods made from wooden poles, chain block and tackle, crude winches, and iron wedges made from old truck springs.

He even had an old wheelbarrow with a brake drum for a tyre.

The question still remains. How did Ed do all this with just a set of primitive tools? Maybe the secret is hidden in a statement he made:

"Every form of existence, whether it be rock, tree or animal, has a beginning and an end, but the three things that all matter is constructed from has no beginning and no end. They are the north and south poles'

individual magnets and the neutral particles of matter. These three different things are the construction blocks of everything."

What he is saying is that everything is created from some kind of unified field. I would agree with this statement, as my own research over the last 37 years has resulted in a series of unified equations that demonstrate the harmonic mathematical relationships of our physical reality.

Harmonic Unified Equations

During my career as a pilot, I spent over 20,000 hours in the air and had several sightings of what are now termed "UFOs" (unidentified flying objects). Hundreds of other pilots around the world were having the same kind of experiences.

I became extremely interested in this phenomenon, and after years of study I discovered a worldwide system of track lines that could be broken down into mathematical co-ordinates. This is now known as the "world energy grid system". The values were found to be harmonically related to light, gravity, mass and the Earth's magnetic field.

The final result was the discovery of harmonic unified equations and sets of unified tables that could be related to Einstein's well-known equation:

$$E = mc^2$$

where E = energy, m = mass, and c = the speed of light.

Einstein said it should be possible to remove the mass symbol and replace it with "c" values, thus unifying the equation. I discovered through my research that:

$$m = (c + 1/c)$$

Therefore, to unify the equation, Unified Equation 1:

$$E = (c + 1/c) (c)^2$$

Two other equations followed, the "c" value being doubled to allow for the matter and antimatter cycles (see my book, *The Harmonic Conquest of Space*, which gives a complete explanation regarding how our reality is manifested in alternate quanta of matter and antimatter):

Unified Equation 2, relating to the Earth's magnetic fields:



The Obelisk weighs 28.5 tons and stands 40 feet (over 12 metres) tall.

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$$(\text{Field A} - \text{Field B}) = [(2c + (1/2c)) (2c)^2]$$

Unified Equation 3, allowing for the matter and antimatter cycles:

$$E = [(2c + (1/2c)) (2c)^2]$$

The tables indicate that the speed of light is not a constant. It is an acceleration or deceleration, which is the inverse value of gravity and related to latitude on the Earth's surface. It is because of relativity that we read the light values as a constant.

I have published this information in a series of six books (the last three of these are still in print), and my business partner Rodney Maupin and I have produced the Gridworks computer program that can calculate all the unified values for research purposes. We now market this program worldwide.

Calculating the Castle's Harmonics

With this information available, I was then able to check out the position of Coral Castle on the computer to see if Edward had knowingly selected this spot in order to manipulate the gravitational forces. The results were extremely interesting. (Note: your computer has to be programmed for harmonic calculation, otherwise errors occur.)

The location of Coral Castle is given as:

Latitude:
25.50126
degrees north

Longitude:
80.443968
degrees west

The gravity reciprocal (light harmonic) for this latitude is indicated to be:

143650.9133
minutes of arc
per grid second
(± 0.01 minute of
arc or nautical
mile)

This value is subtracted from the maximum light value of 144000:

$$(144000 - 143650.9133) = 349.0867497$$

The values can be shifted up or down the harmonic scale by multiplying or dividing by six (6):

$$(349.0867497 / 6^4) = 0.26935706 \text{ harmonic}$$

The harmonic 26935706 is the value of "E" in Unified Equation 3, when the anti-gravity factor of "c" = 143791.3643831903 (see *The Harmonic Conquest of Space*, p. 26).

The longitudinal gravity factor was a bit more difficult to discover, but after checking several coordinate combinations I finally found a position 202.5 feet east of the given value, which fell within the Castle complex (80.4434125° west).

The great-circle distance from longitude zero to Coral Castle at the given latitude proved to be:

$$4,278.75366 \text{ minutes of arc}$$

This value did not show any definite harmonics related to gravity, so I then checked the great-circle distance between the points the long way around.

The circumference of the Earth is 21,600 minutes of arc (or nautical miles), so:

$$(21600 - 4278.75366) = 17321.24634 \text{ minutes of arc}$$

Shifting harmonically:

$$(17321.24634 / 6^6) = 371254422 \text{ harmonic}$$

The reciprocal harmonic of this value:

$$26935706 \text{ harmonic}$$

Harmonic 26935706 is equal to "E" in Unified Equation 3, as discovered in the latitude calculations.

$$E = [(2c + (1/2c)) (2c)^2] \text{ where "c" = 143791.3644 minutes of arc per grid second}$$

Using harmonics:

$$E = [(2875827288 + 5896829800) \times (82703825)]$$

$$E = [(8772657088 \times 82703825)]$$

$$E = 725532290$$

$$E = 26935706 \text{ harmonic}$$

The mathematical evidence does strongly suggest that Ed Leedskalnin chose this particular locality to carry out his work because of its gravitational relationships. The mystery is the method he used to manipulate the gravitational forces to



The Tower at Coral Castle. It consists of 243 tons of coral rock, each block weighing more than those used to build the Great Pyramid. Ed Leedskalnin's workshop was downstairs and his living area upstairs.

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produce weight loss in massive sections of rock.

It is my belief that Ed had learned the secrets of harmonic resonance and that he had some type of apparatus that could be applied to each individual block. Possibly the blocks were cut to particular volumes that could be made to vibrate in harmony with the gravitational values. The physical make-up of the coral stone could also be a factor related to its vibratory properties.

A Message in the Mathematics?

There is another possibility that Ed left a mathematical message behind that would indicate his knowledge regarding the unified fields. I have had an inexpensive book in my library for many years called *The Enigma of Coral Castle*, written by Ray N. Stoner (The Bradford Institute of Ultra Science, PO Box 1766, Cape Coral, Florida). There is one small section in it that really caught my attention:

Ed Leedskalnin proved his mastership in architecture, Pythagorean mathematics, geomancy...in his use of mathematics at Coral Castle. It is indeed, with humble pride, that Ed

referred to this particular structure as his masterpiece. He even went so far as to top this 30-ton wonder with a symbolic four-stone crown. He called this, with tongue in cheek, his crowning achievement... This was the largest stone weight he ever moved.

A diagram shows how circles have been cut into one of the rock faces, the outer one being coincident with the outer edges of the rock. The measurements are given as 124 inches for the diameter of the outer circle and edges of the rock face, and the thickness as 39 inches. I found by computer that a fractional correction of 0.0074167 inches for the rock face and 0.00713975 inches for the thickness produced the following results (note that the corrections are so small that normal measuring equipment would not have picked them up):

The conversion value from feet to geodetic feet is 6076/6000.

124.0074167 inches = 10.33395139 feet
= 10.20469195 geodetic feet

39.00713975 inches = 3.250594979 feet
= 3.209935792 geodetic feet

The volume of the block encompassed by the circle is therefore:

334.2690316 cubic geodetic feet

Shifting harmonically:

$(334.2690316 \times 6^{12}) = 72763092$ harmonic

The square root = 269746348 harmonic

This is the harmonic value of "E" derived from Unified Equation 3, when "c" is 144000 minutes of arc per grid second (maximum light speed). Using the same method for the volume of a sphere with a diameter of the given circle of 3.209935792 geodetic feet, we have:

Volume = 556.414347 cubic geodetic feet

Shifting harmonically:

$(556.414347 \times 6^{13}) = 726715750$ harmonic

The square root = 26957666 harmonic

This is the harmonic value of "E" derived from Unified Equation 2, when "c" is 143909.0655 minutes of arc per grid second (light speed related to the Earth's magnetic field). (These values are demonstrated in *The Harmonic Conquest of Space*, pages 21 and 26.)

I find this too coincidental to be a chance result. The answers can only be calculated with the help of our computer program which is set up to handle the unified values in the harmonic equations.

Monumental Questions

The final question is: why did Ed Leedskalnin initially set up his operations a few miles down the road? He was obviously getting some sort of result there, but maybe this only allowed him to carry out some of the operations he required. The tract of land up the road was the perfect place, but maybe it took him a while to obtain possession of it. More investigation needs to be done here, which I will leave to others.

I'm sure that Ed was telling the truth when he said that he knew how the Pyramids were built. He left us a monument that deserves extensive scientific investigation.

Editor's Notes:

- For more information, refer to Bruce Cathie's article, "The Harmonic Conquest of Space" in NEXUS 2/22 (Oct-Nov 1994), and his books currently in print: *The Bridge to Infinity*, *The Energy Grid* and *The Harmonic Conquest of Space*. These are available from NEXUS offices in Australia, New Zealand, UK and The Netherlands, and from Adventures Unlimited in the USA, telephone +1 (815) 253 6390, email auphq@frontiernet.net.

- The Gridworks computer program is available from Bruce L. Cathie, Quark Enterprises Ltd, 158 Shaw Road, Oratia, Auckland, New Zealand, telephone +64 9 818 4291, email bruce@c@ihug.co.nz; and Rodney Maupin, PO Box 976 Rainier, WA 98576, USA, email gridman@ywave.com.

- Information and photographs were kindly supplied by the management of Coral Castle, 28655 S. Dixie Highway, Homestead, FL 33033, USA, tel +1 (303) 248 6345, website www.coralcastle.com.



The Moon Fountain, carved from three pieces of coral.

HARNESSING THE UNIVERSAL COSMIC ENERGY

Many aspects of the radiant energy receiver are still a mystery, and the exact nature of the energy that Moray was tapping remains elusive.

Part 2 of 2

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THEORY, CONSTRUCTION AND OPERATION OF MORAY'S DEVICE

The exact nature of the energy captured by Moray's radiant energy receiver remains a mystery. Initially Moray thought he was tapping into the planet's electrostatic gradient, as his initial investigations were similar to Franklin's famous experiments with lightning. Next, due to his apparatus somewhat resembling a radio receiver, he thought perhaps he was tapping into natural electromagnetic radiation. In the end, however, he came to the conclusion that the energy was some form of cosmic radiation. Whatever it was, it came in intense bursts—impulses only several microseconds long.

Moray was very ambiguous in his technical descriptions regarding the energy receiver, mainly because of his unfortunate experiences with individuals trying to steal his invention, so it is very difficult to ascertain exactly the type of energy that entered the Moray receiver. The cosmic energy appeared to take many forms as it travelled from its source to the receiver itself; thus, when Moray spoke of the nature of this energy, he may have been referring to its original nature, not the actual energy received by the device. As he used standard capacitors and coils to form the tuning part of the apparatus, the energy that entered the device must have been electromagnetic and at radio frequencies.

However, Moray stated that the energy received was much greater in frequency and that part of the process within the later device was to step down the frequency. But again, it is difficult to tell what is the truth and what are simply red herrings. Moray would surround his device with coils and other pieces of equipment so as to confuse an onlooker. It is not known to what degree he may have used similar tactics in his technical descriptions.

All that is known for sure is that the radiant energy device worked and supplied a substantial amount of high-frequency, high-voltage electrical current when connected to an aerial and earth. Whenever the aerial or earth connection was removed, the current at the output would cease. Also, when either the aerial or earth connection was brought close to the corresponding terminal on the device, a fat white spark would jump the gap; this also suggests the presence of high-frequency electricity.

It was several years before Moray was able to develop his simple crystal set further, but in the mid-1920s he developed the technology to a point where it could deliver up to 50,000 watts of power. The new device contained a whole new system, with the original Swedish Stone circuit at the very front end. This new receiver was able to power a bank of 40 lamps, which all shone brightly when connected to the receiver. The light emitted from them was very strange, very bright but not harsh to the eyes, yet it would produce unusual effects when photographed. This sort of light is often referred to as *cold light*, and it is associated with the operation of zero-point energy devices. Tesla was perhaps the first to generate this unusual phenomenon.

The electrical current delivered by the Moray device had a potential of 250,000 volts and a magnitude of 200 mA at full load. When electrical loads such as the flat iron were connected, Moray would often use a specially designed transformer to step down this massive potential.

This transformer was of peculiar design and was wound with wire that appeared too thin to carry these relatively large currents.

One individual whom Moray allowed to study the radiant energy receiver in quite some technical detail was T. J. Yates, who wrote the following statement:

This is to certify that on the evening of March 16, 1929, in connection with Dr Wilkinson of Cedar City, I witnessed a demonstration at the laboratory of T. H. Moray, Salt Lake City, Utah.

Dr Moray claims to have devised and invented an apparatus that will produce electrical energy without the use of a prime mover, and this is the apparatus demonstrated on this occasion above referred to.

The apparatus consisted of an antenna, specially balanced, or aerial capacitor and a special ground wire. These were connected to the terminals of a switch. Two wooden boxes were placed on a table. On one of these boxes was a high-frequency transformer and in the other box were two sets of condensers, ten large condensers in one set and ten small condensers in the other set; two composition cylinders, each about 1-1/8 inches in diameter and four inches long, each of these weighing about three or four ounces; and another box, approximately hemispherical in shape, about two inches in diameter and weighing about two ounces; and coils of wires and other equipment.

These pieces of apparatus were connected by a number of wires, by which the hook-up was connected. Two of these wires were led out to the switch. One was attached to the blade of the switch and the other to the jaw of the switch, so that when the switch was open the antenna, lead-in, apparatus in the boxes and the ground wire were all in series. The other wires leading out of the box were connected to six 100-watt lamps connected in multiple during part of the demonstration, and to a flat iron during part of the demonstration.

During the demonstration the apparatus was connected in series as above described, except that a small switch connected in series with the coil was left open.

Dr Moray energized and synchronized the device, and in three or four minutes the lamps were lighted and remained bright as long as the circuit was left closed, which was about sixty minutes. He then connected an electric flat iron. In a short time the iron was hot. When the ground wire was disconnected and then the lead-in was disconnected, the lights went out.

Before and after the demonstration I closed the big switch which connects or shorts the antenna and ground and made other tests. If the antenna or lead-in wire were connected to the lighting circuit, this would have produced a short circuit. I further tested by closing and opening the switch several times to see if any sparks appeared, but there were no sparks. I placed my wet finger between the blade and the jaws of the switch and could not feel any electricity. I touched my hand to both sides of the switch and the wall to check for ground but could not feel anything. With the apparatus all connected as when operating the lights, the contacts with the switch were moved but produced no arcing. This indicates that the circuit was dead.

While the demonstration was being conducted and the lamps were receiving the energy through the apparatus, the main switch that controls the lights in the building was opened. All the lights on the house circuit went out but the lights on the radiant energy circuit were not altered—were neither brighter nor dimmer at the time. Thus the lights could not have received their power from that source.

The condensers were thoroughly tested. The terminals were shorted, the positive to the negative. If they had been batteries they would have showed a spark, but no sign of a spark appeared. They were then tested by connecting them to the electric terminals. After thus being charged the large condensers gave a vigorous discharge, showing a brilliant strong arc and a loud snappy sound, showing a sudden discharge as condensers are supposed to do and batteries never do. The small condensers were less vigorous in discharging but had the same snappy discharge of a condenser—not how a battery discharges. These tests proved positively that condensers and not batteries were in the cases supposed by some to contain batteries. Besides, no batteries of such size could produce

such power. The boxes were completely emptied, thus leaving no possible place for batteries to be stored. Besides, the boxes were not large enough to hide batteries in.

During the time that the lights were burning, the connections with the big switch were moved along the switch and a vigorous arcing occurred, thus proving that electrical energy was passing through this apparatus.

The electric lamps were receiving energy from some source, and during the demonstration, which lasted for more than an hour, the lights were brilliant at all times, just as bright at the last as at the first demonstration.

The lights on the demonstration were a different color and brighter and whiter than those on the house circuit.

One is therefore forced to the conclusion that the electrical energy was received from the other source and, difficult as it is to understand with our present generation's knowledge, no other conclusion can be drawn from the demonstration as above described than that the energy was received by and through the apparatus as claimed by Dr Moray.

This testimony gives some insight into the construction of the receiver, how it was often set up and how well it performed. There are no diagrams or detailed descriptions of exactly how the device was put together. The only sources of information are the writings of Moray himself, written at a time when he still wanted to keep the inner workings of his invention secret. However, it is still possible to glean some information on how a few of the inner components operated.

Moray's new, more powerful, device used a range of different 'tubes' to store, release and control the general flow of radiant energy. As has been mentioned before, the device was able to

Moray's new, more powerful, device used a range of different 'tubes' to store, release and control the general flow of radiant energy.

step down the frequency of the oscillations so that normal loads could be powered. For instance, Moray often disconnected the bank of lamps and connected a flat iron, which heated up as normal. Such a load would not be able to use the high-frequency currents initially generated by the receiver. The principle behind stepping down the frequency involved sub-harmonic octaves, but exactly how this worked is unknown.

Much the same can be said for many of the internal components of the receiver as a whole. The only components that were given any detailed description are the ionic oscillators, which stored the incoming energy through a process of resonance. These devices operated on the principle of ion interaction of gases resulting in oscillation. Each consisted of a thin wire running up the middle of a cylinder fabricated from some catalyst; the whole construction was then mounted inside a glass tube filled with low-pressure gas.

When the high-frequency voltage reached the central conductor (the thin wire), coronal discharge formed around it—an indication that the low-pressure gas molecules were becoming negatively ionised and accelerated away towards the cylindrical catalyst. Meanwhile, there were positive ions being formed and accelerated away from the catalyst towards the central conductor. The negative gas ions and the positive catalyst ions eventually met and chemically interacted for a short period of time. However, some of the negative gas ions outside the free mean path reached the catalyst cylinder and became neutralised. These neutralised gas molecules made their way back to the coronal discharge around the central conductor, and then they would again become ionised and repeat the process. This action formed an oscillator as the molecules flowed back and forth between the central conductor and the cylindrical catalyst.

There was also a second mode of oscillation formed by the interaction of negative and positive ions. When these two interacted, they formed a vibrating dipole for a short period of time, much like two masses held together by a spring. These interactions emitted high-frequency electromagnetic waves.

Moray's construction also created a high faradic capacity through the large charge potential formed across the device. These ionic oscillations were set up so as to be synchronised with the frequency of the incoming currents or vibrations of the universe. In general, though, the oscillators tended to be somewhat unstable, so it was left to the tuned LC circuits to give the system frequency stability.

Moray stated that the general laws of electricity, such as Ohm's law, do not apply in ionised gases, and so other rules come into play. In the process of resonance, short impulses of oscillation build up in the resonator, forming a powerful oscillation. Eventually the oscillation becomes so intense that the resonator self-destructs. A wine glass subjected to intense sonic pulses will slowly resonate up until it rings and finally cracks.

The same effect occurred in Moray's ionic oscillators. The short impulses of radiant energy would be gradually stored in the ionised gas. Eventually the gas molecules would take on a pure harmonic vibration until the oscillation became too intense. Then

the ionised gas would become conductive and dump all of its stored energy into a condenser before discharging into a coil. The coil in turn, being part of a transformer, would then resonate up another ionic oscillator; this process continuing down the system, building up usable power ready to be delivered to the output load.

Still, of all the components that made up Moray's energy receiver, the crystal remains the greatest mystery.

MORAY AND THE TRANSISTOR

One of the greatest developments of modern electronic science is undoubtedly the invention of the transistor. However, the history of its invention and development is somewhat unclear, leaving a blurred chronology. The official line is that in 1956 William Shockley, John Bardeen and Walter Brattain received the Nobel Prize for the invention of the transistor in 1947–48.

The transistor is constructed as two rectifiers connected back to back. This construction is clearly represented in Moray's diagrams of the detector tube used in the radiant energy receiver: two pieces of Swedish Stone connected back to back, forming three connections.

One individual who was often in contact with Moray and who witnessed the radiant energy receiver on several occasions was Dr Harvey Fletcher. At the time, Fletcher was head of the Bell Laboratories department that would later develop the transistor. Could it be that it was in fact Moray who invented the transistor and not Shockley? It is certainly true that the modern semiconductor diode used for radio reception was originally developed from the crystal detector. So it is more than possible that the transistor had a similar origin, as a transistor is no more than two diodes connected back to back.

What makes Moray's transistor or detector tube different from these other crystal devices is that it could tap into cosmic energy as well as act as a basic electronic device.

However, Moray is not the only one to have invented a crystal transistor.

Robert Adams, the famous aether-technologist who invented the pulsed motor-generator, claims to have invented a similar device during the years 1929–33. While experimenting with a crystal set radio, Adams formed a contact between two detector crystals and, making a connection at this junction, thus formed a transistor many years before Shockley and his team did.

There are many others who can make similar claims. Curiously, these crystal detectors and transistors are superior to their modern semiconductor counterparts as they have higher gain, generate less electrical noise and in some cases can handle much higher power levels. What makes Moray's transistor or detector tube different from these other crystal devices is that it could tap into cosmic energy as well as act as a basic electronic device.

RADIOACTIVITY AND TRANSMUTATION

By the 1940s, Moray became interested in the works of Gustave LeBon and his theories of radioactivity. LeBon suggested that natural radioactive decay was due to heavy nuclei being bombarded by cosmic energy. This is quite contrary to the orthodox belief that radioactive decay is simply the product of the instability of certain nuclear masses.

Obviously this idea of radioactive decay by some sort of radiant energy was very much of interest to Moray, particularly as such

radioactive materials are capable of ionising low-pressure gases (the principle behind the Geiger counter). Gustave LeBon's theories were considered heresy by nuclear physicists then, as they are today, so it is interesting that when Moray tried to get hold of LeBon's book, *The Evolution of Matter*, he found it had been removed from all the public libraries. This was around the time of Project *Manhattan*—the development of the atomic bomb.

At this time, Moray had very little of the Swedish Stone left and so needed to find a replacement. In the end, he developed a new detector tube that used radioactive material. This detector did not need either an aerial or a ground connection, so the whole device was completely self-contained.

According to the free energy researcher Bruce Perreault, this new detector valve used a synthetic crystal that was composed of some kind of radioactive material (most probably polonium) and pure germanium. However, the greater part of the crystal was made from some detecting compound of a similar chemical composition to galena (lead sulphide), as used in traditional crystal set receivers. In its operation this single manufactured crystal, mounted in its glass tube, could produce several kilowatts of electrical power; it was literally a solid-state free energy device. Like a traditional thermionic valve, this new detector valve used particle streams to carry electrical currents within the glass tube. The difference is that in a traditional thermionic valve, a heated cathode generates the particle stream; but in Moray's device, the particles emitted during radioactive decay acted as an electrical carrier. Again we see similarities between Tesla's cosmic rays and the operation of Moray's radiant energy receiver.

Working on the basis of LeBon's theories, Moray found that the radiant energy is as much present in between the atoms of matter as it is in the depths of the cosmos. This means that the energy produced by this new radiant energy receiver did not originate from the depths of the cosmos but, instead, from within the energetic structure of the crystal.

This discovery led to a new avenue of research that can only be described as *alchemy*. Moray now saw matter as a mass of electrical vibration; and so, through electrical processes, he was literally able to transmute metals.

It is well known that alchemists sought the formula to transmute base metals such as lead into gold. Boaz Mine Laboratory analysed one ounce of lead subjected to Moray's process; it was found to contain 35 cents worth of gold (in 1956 terms)—real, tangible alchemy.

Another test was conducted by the Union Assay Office in Salt Lake City, this time on 50 cc of artesian water that showed no trace of gold before being processed. After Moray's treatment it was analysed again and found to contain \$10 worth of gold and \$3 worth of silver per ton rate (1956).

As well as conducting these more alchemical-type feats, Moray treated metals to give them unusual properties. The melting point of lead is usually around 327 degrees Celsius [620.6° Fahrenheit]; but after Moray treated the metal with the radiant energy process, this temperature rose to 2,000 degrees. Using similar processes, he managed to increase the radioactivity of carnotite, uranium and a special copper-lead alloy.

Now it seemed that radiant energy was not just an unlimited source of energy, but also the means to modify the very structure of matter. How exactly Moray applied this energy to transform matter remains a mystery. However, on the basis of similar research, it may have been done through the application of high-voltage, high-frequency electricity—the type of energy that was generated by the radiant energy device.

A NEW FORM OF ENERGY?

There is still some debate over the true nature of what Moray referred to as *radiant energy*. Moray himself did not perceive it as electromagnetic in nature, yet his energy receiver was most definitely based upon the principles of electromagnetics. His son, John Moray, stated in his biography of his father that the radiant energy was not the cosmic radiation identified by modern physics.

This means that Moray's radiant energy is neither high-energy charged particles nor electromagnetic radiation in the upper part of the light spectrum. So either a new energy form had been discovered, or Moray was simply clouding the issue for security reasons. If the former, then the secret is hidden within the Swedish Stone—a secret that may only be unlocked by studying similar

research, such as Townsend Brown's work in petrovoltatics. However, there have been some more orthodox suggestions for the nature of Moray's radiant energy.

E. E. Richards, an independent free energy researcher, has suggested that the energy is generated by the Earth's complex interaction with the interplanetary solar wind. This theory takes us back to the electromagnetic explanation behind the energy receiver, but with a slightly different slant. The Earth's magnetic field is constantly being bombarded by high-velocity particles (mainly ions and electrons) which distort its natural shape to form the

magnetosphere. The magnetosphere is a plasma sheet protecting the Earth and Moon from the Sun's intense radiation. Acoustic waves are often set up in this plasma sheet, and they generate vast amounts of electromagnetic energy. The electromagnetic energy is induced into the Earth and has a frequency range from about 100 Hz to 30 kHz, so it can be received with the simplest of electronic equipment.

During the First World War, German soldiers on the western front often electronically intercepted British trench telephone conversations. An audio valve amplifier connected to the ground via metal stakes was all that was needed. However, as well as hearing vital information regarding trench warfare, they also heard strange clicks and whistles. It was not until about 20 years later that it was realised that they had in fact been listening to the magnetosphere.

As well as the plasma sheet forming the magnetosphere, there is another electromagnetic entity found in our upper atmosphere: the Van Allen belts. These were discovered during the *Sputnik* and *Explorer* missions—the beginning of the Space Race. Onboard instruments noted a radiation null at specific points in the Earth's upper atmosphere; it was later discovered that the instruments were in fact overloaded by the intense radiation held within these energy belts.

E. E. Richards, an independent free energy researcher, has suggested that the energy is generated by the Earth's complex interaction with the interplanetary solar wind.

The Van Allen belts are formed by high-velocity solar particles becoming trapped in the magnetic lines of force around the planet. These particles spiral from the North Pole to the South Pole and back again several times a second. They are called *belts* because the entire structure is in the form of a doughnut shape, with the Earth at its centre. This spiralling motion of the trapped particles has an associated frequency, thus electromagnetic radiation is found to be emitted by these structures. The belts furthest from the planet have an associated frequency in the VLF band (3 kHz to 30 kHz), while those closest are in the LF band (30 kHz to 300 kHz).

In the Antarctic, from 1974 through to 1989, Dr Robert Helliwell and John Katsufakis conducted several experiments at the Siple Station research facility on behalf of the Stanford University Radio Science Laboratory. Using a 20 km antenna, the team managed to transmit VLF (1.7 to 7 kHz) radiation into a magnetic duct that carried the energy into the Earth's magnetosphere. They found that the signal, when energised, could be received all over the world, somewhat amplified—sometimes by as much as a thousand-fold. They also discovered that the radiation interacted with the ions in this plasma structure, causing a shower of electrons to fall towards the Earth. This would not only alter global communications by supercharging the ionosphere, but would also generate a burst of X-rays. It was later discovered that this release of electrons could also alter weather patterns. These transmissions were carried out intermittently as part of a research program, each transmission lasting only a second or so. It appears that the high-power transmitter actually resonated the Van Allen belts to destruction, throwing fragments into the Earth's atmosphere. Soon afterwards, the belts would rebuild themselves and stay intact until disturbed again, either naturally or artificially.

Interestingly, the US Department of Defense has been funding a bigger and better utility that can do the same and more: the High-frequency Active Auroral Research Program, or HAARP.

So it can be seen that these energy belts hold a massive amount of energy—energy that could somehow be tapped using basic radio engineering. Could this have been the source of energy captured by Moray? The aerial system he used would certainly have been ideal for receiving this electromagnetic energy; so, too, the

initial circuitry. Also, it is interesting how the oscillator valves, which were employed to control the flow of energy, operated on very similar principles to those used in describing the upper atmosphere.

It is also worth noting that any modern LF/MW AM radio receiver will to some degree receive this magnetospheric radiation, commonly referred to as *spherics*. However, radio receivers that use crystals instead of modern semiconductors are completely immune to this natural interference. Could it be that these crystals somehow absorb this magnetospheric radiation? If so, where does it go?

There is still much mystery surrounding the mechanisms of the plasma atmosphere around our planet as well as its solar cousin. There may be many intense, short-burst emissions that remain undetected, which if harnessed could solve the coming energy crisis.

Whether or not Moray actually harnessed this energy remains unknown. If he did not, then he may have found an even more fundamental energy source that remains undetected by modern physics—perhaps LeBon's cosmic source for radioactivity. Either way, the technology was simple and was discovered by intuition rather than through logical deduction, for this is how Dr Moray operated. He stated that with enough financial backing he could have developed a radiant energy receiver that would deliver over 50 kW of power—more than enough for a domestic supply.

In 1961, Moray nearly received a contract from NASA to develop his invention for space travel. A spaceship powered by a single crystal may sound like something from science fiction, but it was nearly a reality some 40 years ago at least. How far behind are we because of greed and ignorance? Where would we be today if we had listened to such individuals as Moray and Tesla? How much of this technology is being developed behind our backs, in secret?

About the Author:

Gavin Dingley has spent several years researching forgotten scientific discoveries and inventions, principally those in the field of electromagnetism and related subtle energies. His main goal is to reproduce many of these discoveries and devices, specifically those relating to Earth energies. Gavin's article, "ParaSETI: ET Contact via Subtle Energies", appeared in NEXUS 8/01.

Interestingly, the US Department of Defense has been funding a bigger and better utility that can do the same and more: the High-frequency Active Auroral Research Program, or HAARP.

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SIGNS OF THE TIMES

CROP CIRCLES OF 2001

This year's crop circle season in England had a slow start, but some spectacular patterns and recurring themes finally graced the landscape.

by Andy Thomas © 2001

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Images from the
Crop Circle Connector website:
www.cropcircleconnector.com

There had been dire warnings from sceptics about this season. The first ever, and much publicised, legal prosecution for a man-made crop formation in late 2000 meant that the land-artists they believed responsible would all stay at home for fear of the law. The threat of hefty trespass fines imposed during the Foot and Mouth crisis afflicting the UK would ensure even further that hardly any circles would appear. Even if a few did, no-one would be allowed in.

None of these doom-filled predictions came to pass, and though the season was later to start than many before it, the first UK formations did actually arrive during the height of the Foot and Mouth outbreak in mid-May. No apologies were forthcoming from the sceptics, naturally. Though access to fields was tighter than before as far as visiting new circles went, the movement restrictions had eased enough by high summer for some farmers to open up their fields without qualms.

The first designs picked up on themes begun in 2000. One recurring motif in Wiltshire was a type of mandala based around triangles with curved edges, while one formation at Badbury revived the chequerboard idea founded the year before, but this time encircled by a coiled snake eating its tail, which had a flavour of Aztec or Mayan culture. Aztec symbolism eventually came big time in what for many people was the best formation of the year, up at Wakerley Woods, Northamptonshire: a circular segmented arrangement of Aztec calendar signs. In fact, some of the year's most ambitious designs appeared in the north of England.

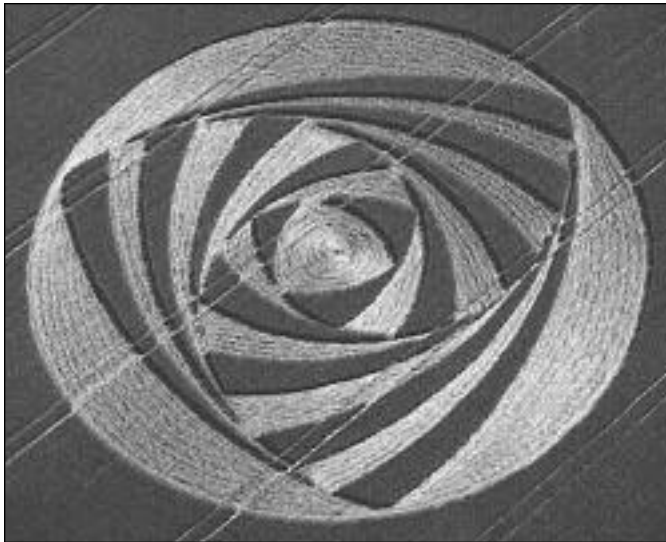
Another spectacular, recurring trait was a form of star mandala, radiating small standing circles in rays, and some other new surprises and unexpected themes such as an ingenious style of interlocking wavy curves which began in July at Windmill Hill, Wiltshire. One universally acclaimed formation, christened "the Angel", was a cluster of crescents with over 70 radiating, perfectly straight lines within it, laid in one continuous sweep of crop without any deviation or wobble.

Despite these, though, for some there was a slightly lacklustre feel to the first 50 or so UK glyphs, with few to match the intense impact and ingenuity of masterpieces from former years. The evolution of the designs was perceived to have faltered slightly—though not everyone agreed, citing unrealistic expectations on the part of some observers.

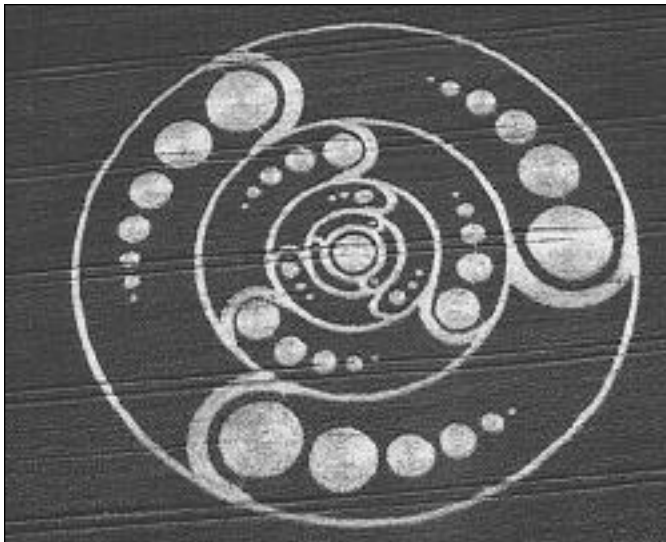
However, at the time of writing (mid-August), a major formation has just appeared—which looks like the season may have saved the best for the latter part of the summer. A six-armed fractal "Julia Set" at Milk Hill, Wiltshire, reminiscent of the classic designs from 1996—around 800 feet (244 metres) across and containing around 400 circles of many sizes—has stunned observers with its scale and genius.

With a late harvest and at least three weeks still left for the chances of something even more remarkable, and with formations appearing almost by the day, perhaps the circles have just been pacing themselves. But those who believe the phenomenon to be psychically interactive with human expectation have pointed out that the seeds of deliberately spread confusion may have stunted the early development of the crop glyphs in 2001. Certainly, for a year that began with doom-ridden prophecies and low expectations, there was much confusion and hoax paranoia—similar to the feeling which prevailed in 1993, a year which preceded a major renaissance in 1994.

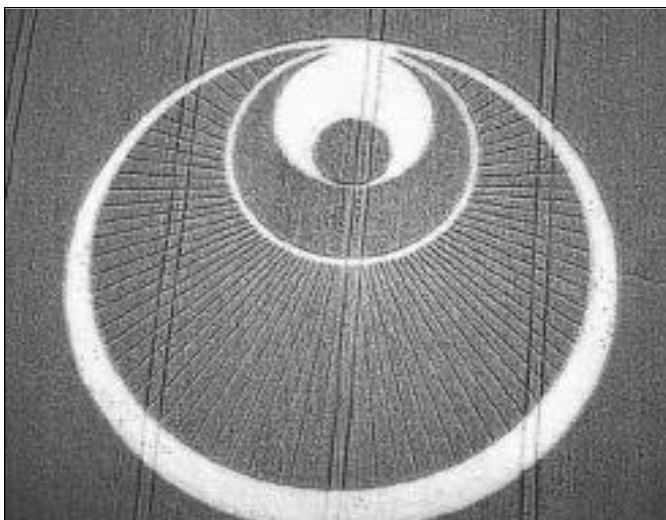
The paranoia was boosted late in 2000, with the aforementioned prosecution for the making of *one* man-made formation. The paltry £100 fine given to the hoaxer hardly proved a disincentive to others, and the upshot was that the wide media coverage given to the story brought an unbalanced focus onto the man-made component of the crop circle phenomenon. This was deliberately stirred further by the prosecuted individual by way of



Berwick Bassett, near Avebury, Wiltshire. Reported 9th June. Photograph © Steve Alexander 2001.



Knap Hill, near Alton Priors, Wiltshire. Reported 5th August. Photograph © Steve Alexander 2001.



Gog Magog Hills, near Cambridge, Cambridgeshire. Reported 25th July. Photograph © Steve Alexander 2001.

a campaign of emails, leafleteering and further circlemaking.

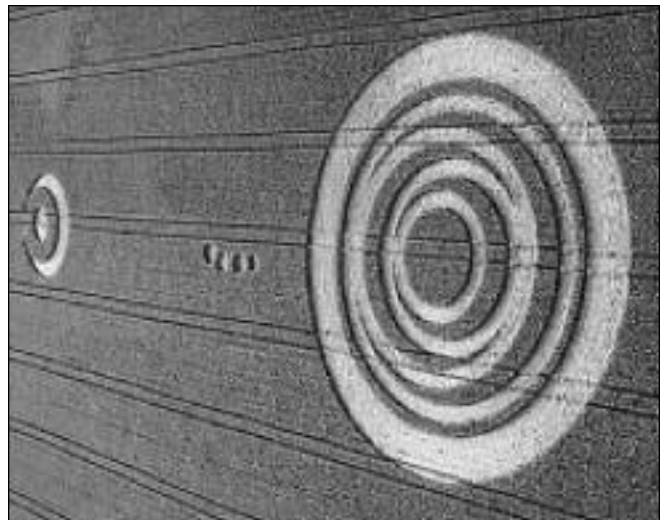
The creation of several man-made formations for either research purposes or TV shows hardly helped matters. The fact that some high-profile circle researchers were themselves involved in sponsoring some of these projects sat badly with many enthusiasts, and some were critical of their methods, protocols and uncertain motivations, questioning their conclusions. The making of a well-executed direct copy of a 1995 astronomical crop design for a UK film production (for a fictional story) further shook the faith of some, though to the discerning the differences were clearly apparent and it lacked the important subtleties which had so distinguished the original.

Despite the subterfuge exercises, there seemed to be a resurgence of interest in the crop circles from the realm of film and television, with no less than five camera crews from around the world filming video, TV and movie documentaries, following "croppies" around in fields, pubs and conferences. The results of most of these will presumably surface in 2002.

But away from the circus that habitually surrounds the UK crop circle scene, other countries received formations of their own to explore with rather less stressful intensity. Germany scored highest with 10 (at the time of writing), each as elaborate as many of their UK counterparts but each with its own flavour. Canada, the Czech Republic, Israel, Serbia and Poland also reported several new crop glyphs.

The Netherlands, which had seven formations, has meanwhile become the focus of attention for important scientific work into the circle phenomenon. The US-based BLT Research, led by Nancy Talbott, which has done much to promote Dr W. C. Levengood's studies of biological anomalies inside circle-affected crops, has continued its investigations into circular appearances and their links with balls of light in The Netherlands—and in particular with a young man in the Amsterdam area who seems to attract such phenomena. Their findings have found his stories to be true.

Meanwhile, Dr Eltjo Haselhoff has been conducting his own studies into physical effects and the link with aerial light phenomena. He has become, after Dr Levengood, only the second person to have a scientific paper on the subject of cerealogy published in the peer-reviewed journal *Physiologia Plantarum*. (A layman's version of his paper can be found at www.swirlednews.com.) Dr Haselhoff found himself part of an intriguing mystery while



Newhouse Farm, near Acton Turnville, North Somerset. Reported 5th August. Photograph © Steve Alexander/Karen Douglas 2001.

investigating a "scorpion-shaped" formation at Stadskanaal with a team from the Dutch Centre for Crop Circle Studies in early August. As they strolled around the formation, an extra circle appeared even as they surveyed it, though no one saw it happen; suddenly, there it was. Photos proved that it had not been there when they first entered. They began to feel ill effects as they approached it, and decided to leave in case the newly formed shape had dangerous properties. The batteries immediately drained in one of the cameras present, and a digital camera was later found to have had its data corrupted.

This is but one demonstration that, despite all the intrigues and paranoia which may infect the crop circle community from time to time, a sizeable mystery still remains around this most beautiful of unexplained phenomena.

Science may also explain why some of this year's earlier UK formations seemed subdued: evidence has shown that crop circle appearances are linked to underground water and the state of geological aquifers. BLT Research's data from previous years shows that summers where the aquifers are low seem to produce the most numerous, vibrant designs. The extensive flooding of late 2000 left the aquifers abnormally high at the start of this season.

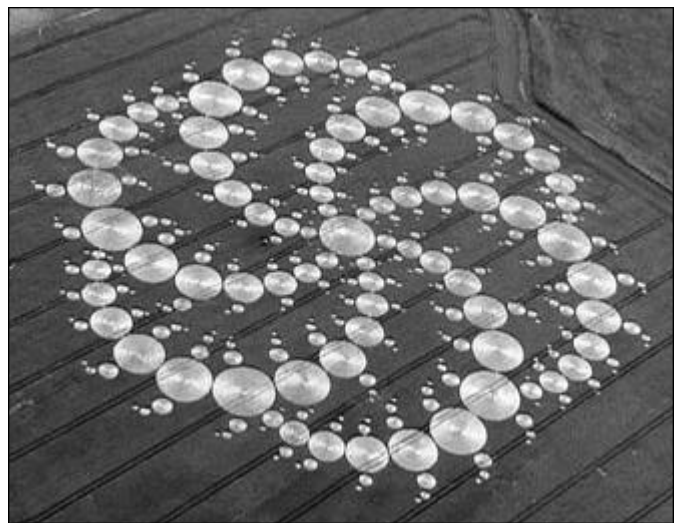
It is interesting to note that BLT Research is still finding uniform biological anomalies in samples from crop patterns sent in from around the globe, and yet man-made tests—despite unfounded claims by hoaxers—have still been unable to replicate the core findings of these results. Whatever man-made formations there may be, some are not easy to explain away so quickly.

In addition to the British film being planned, 2002 will see the release of a new Hollywood blockbuster starring Mel Gibson as a farmer whose life is turned upside down by the supernatural arrival of a crop design on his land. Whatever spin Tinseltown puts on the mystery, attention towards the non-fictional circles will almost certainly intensify a hundredfold when the movie arrives, and a whole new generation may discover something going on that has hitherto passed them by.

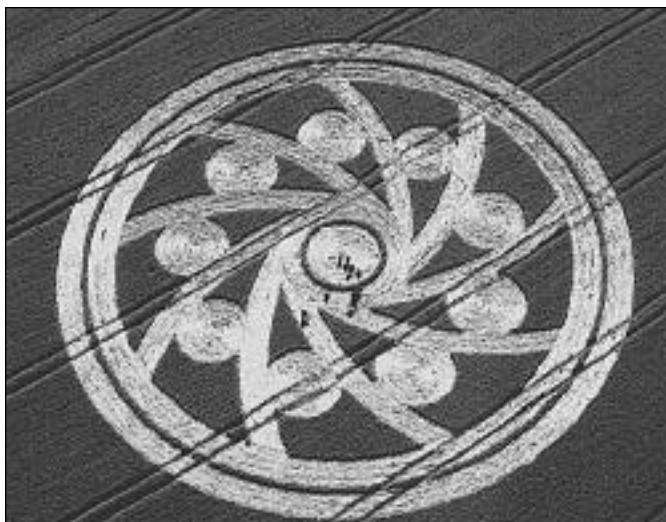
With all this new attention partly in mind, Southern Circular Research this year successfully launched its website www.swirlednews.com, a rolling news service for the crop circles (replacing its long-running journal, *SC*) to balance sceptical propaganda and disinformation with incisive commentary and analysis. Readers are invited to log on for the real stories about what's going on in the fields.



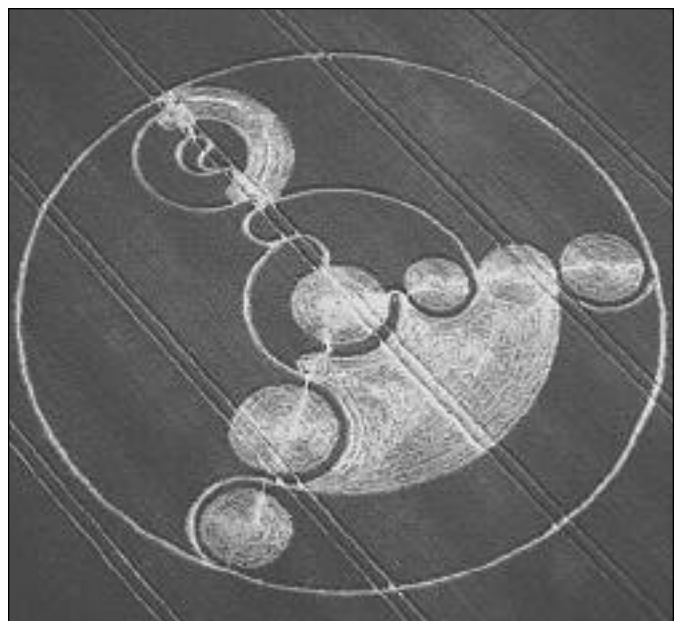
Englishcombe, near Bath, Somerset. Reported 12th August. Photograph © Gary Howe 2001.



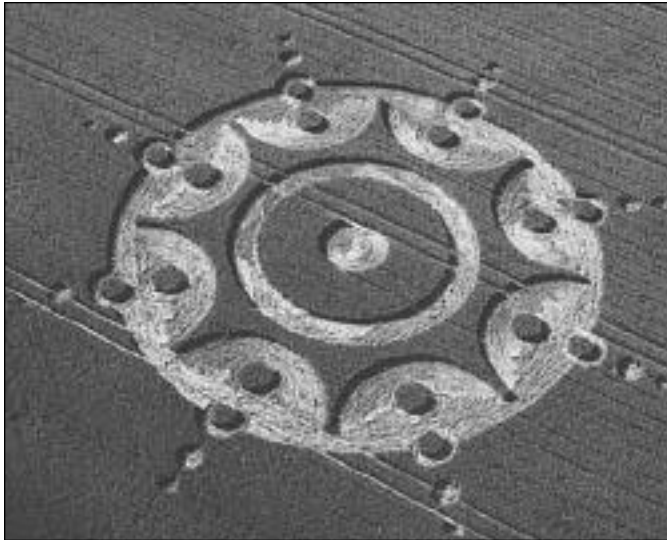
Milk Hill, near Alton Barnes, Wiltshire. Reported 13th August. Photograph © Steve Alexander/Karen Douglas 2001.



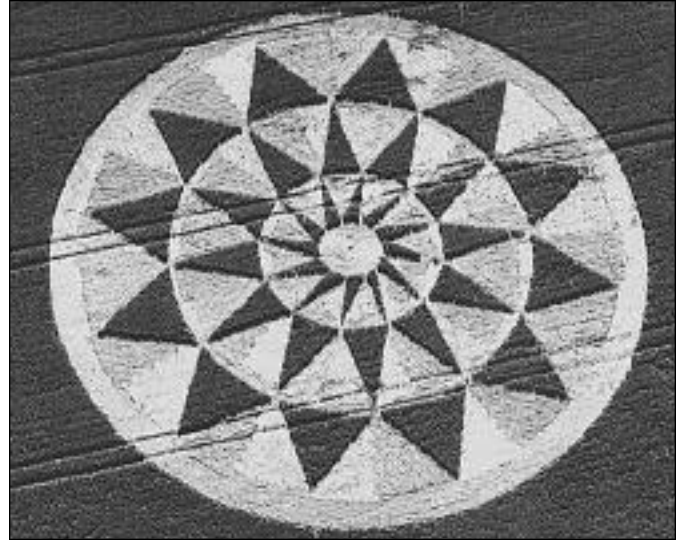
Woodborough Hill, near Alton Barnes, Wiltshire. Reported 10th August. Photograph © Steve Alexander 2001.



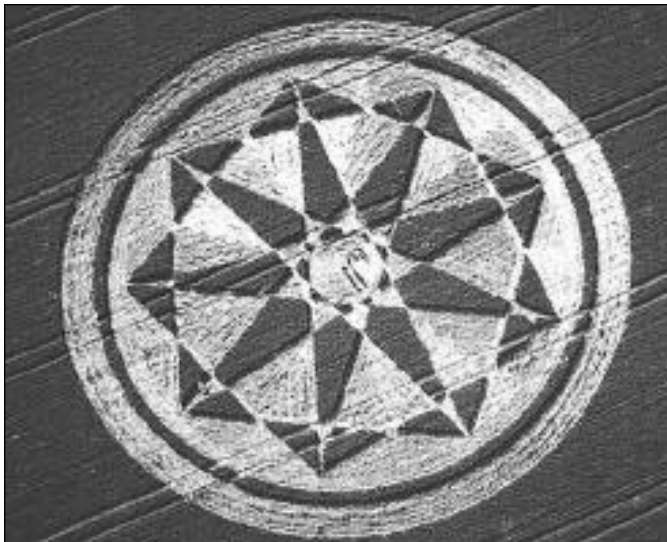
Yatesbury, near Avebury Trusloe, Wiltshire. Reported 22nd July. Photograph © Steve Alexander 2001.



Lane End Down, near Kilmeston, Hampshire. Reported 22nd July. Photograph © Steve Alexander 2001.



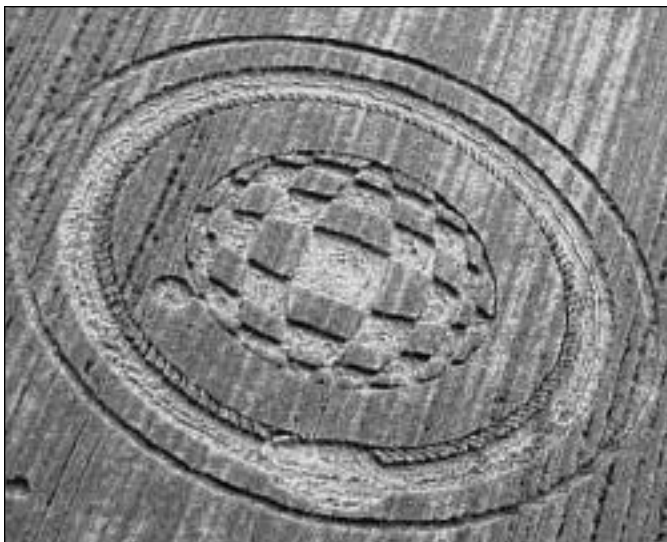
All Cannings Bridge, near All Cannings, Wiltshire. Reported 30th June. Photograph © Steve Alexander/Karen Douglas 2001.



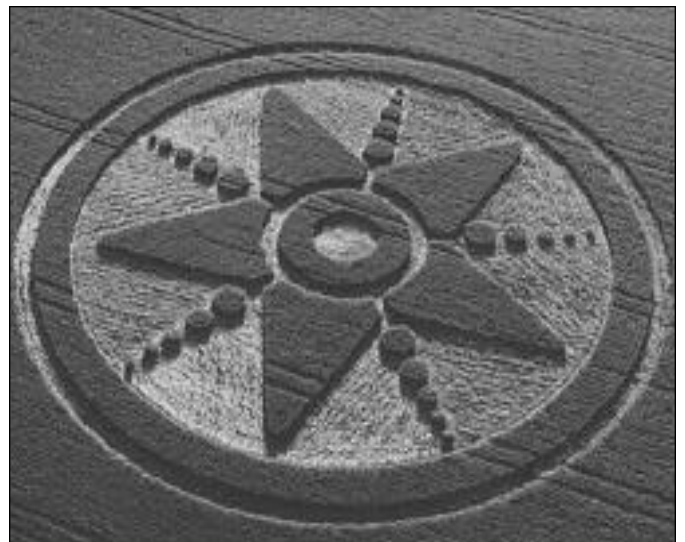
Milk Hill, near Alton Barnes, Wiltshire. Reported 12th July. Photograph © Steve Alexander 2001.



Silbury Hill, near Avebury, Wiltshire. Reported 24th July. Photograph © Stuart Dike 2001.



Hill Barn, near Badbury, Wiltshire. Reported 17th June. Image © Stuart Dike 2001.



Chilcomb Down, near No Man's Land, Hampshire. Reported 15th July. Photograph © Steve Alexander 2001.

THE CHILBOLTON OBSERVATORY FORMATIONS Response to a 1974 Earth Transmission?

by Linda Moulton Howe © 2001

For the past few years, crop formations have appeared in the wheat field near the Chilbolton Observatory in Chilbolton village, south of Andover, Hampshire. The one from August 2000 now seems linked to the August 2001 formations. Last year's was one of England's largest formations in terms of square footage, and it appeared next to the government-owned land upon which the radio telescope complex was built in 1965. The facility is sectioned off from the public and is surrounded by a high barbed-wire fence.

The estimated measurements of the code formation are 200 feet (60.9 metres) long and 85 feet (25.9 metres) wide; the estimated face measurements are approximately 160 feet (48.8 m) wide and 180 (54.9 m) feet long. Both are framed by wheat laid down in almost identical fashion, according to field researcher Charles Mallett from Roundway, Wiltshire.

According to an employee at the Chilbolton Observatory, on Tuesday 14 August 2001 a framed "face" appeared, followed the next Monday, 20 August, by a "binary code". When Paul Vigay, the director of the Independent Research Centre for Unexplained Phenomena in Southsea, Hampshire, England, first saw the aerial photograph of the "code" formation, he immediately recognised it as extremely similar to the digitally encoded transmission sent on 16 November 1974 from the Arecibo, Puerto Rico, radio telescope out into space. The Arecibo transmission was planned by astronomers, including the late Carl Sagan, at Cornell University. Cornell operates the 300-metre-diameter (985 feet) radio telescope, built into a mountain, under a cooperative agreement with the National Science Foundation.

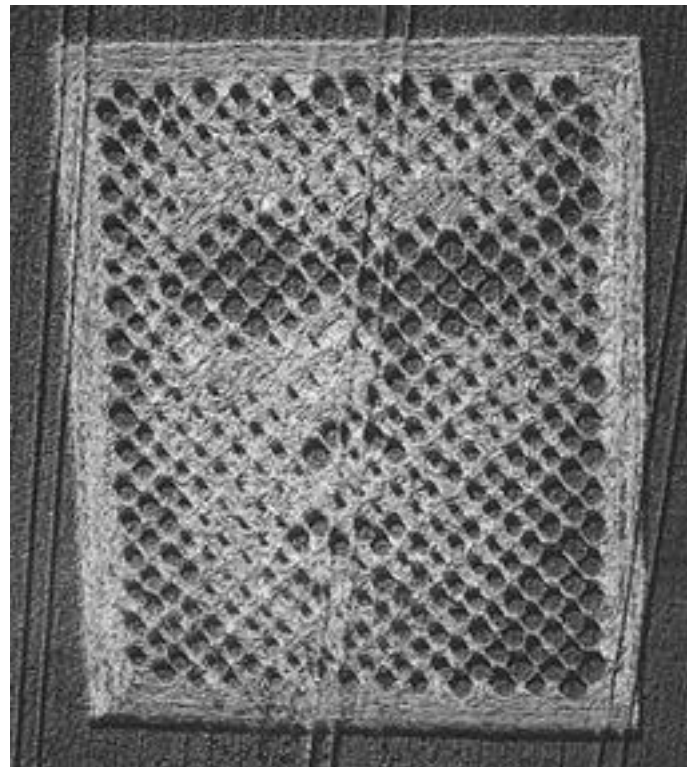
That original 1974 Arecibo transmission is shown here in a black-and-white graphic of the binary code beamed at a star cluster called M13, about 23,000 light years from Earth. The Chilbolton 2001 "transmission code" is presented for comparison with Arecibo's.

The 1974 Arecibo transmission indicated human double-helix DNA with the double arched lines above the humanoid figure. In the crop formation at Chilbolton, there is a difference in the pattern compared with the schematic of the Arecibo transmission.

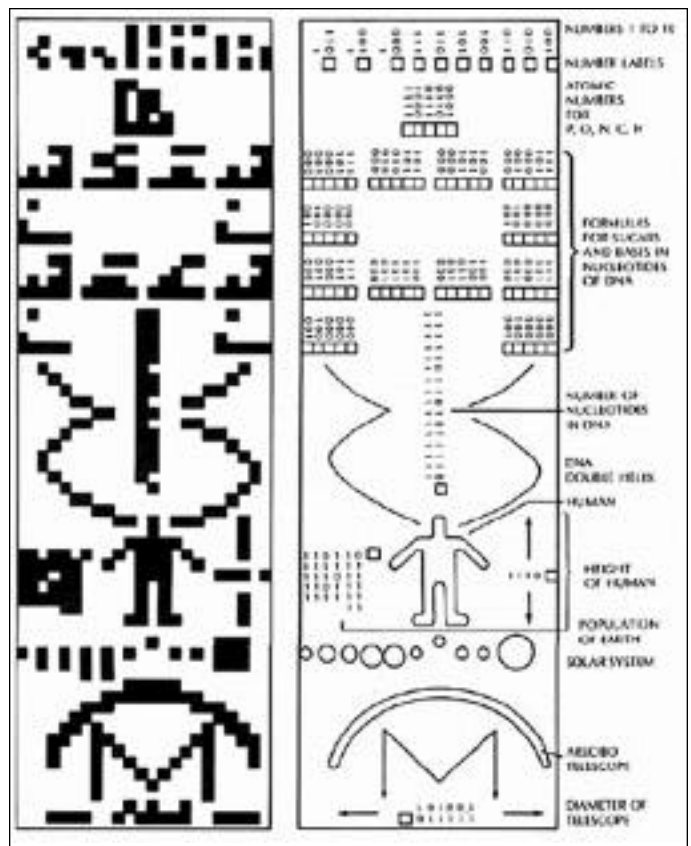
(Source: by Linda Moulton Howe, www.earthfiles.com)



The "binary code" on the left and "face" to the right in the wheat field near Chilbolton Observatory near Wherwell, Hampshire, England, were first seen on different dates, according to a Chilbolton Observatory employee. The "face" near top centre was reported on Tuesday 14th August. The "binary code" to the left was reported on Monday 20th August. Aerial photograph © 2001 by Steve Alexander.



"Face" in the wheat field near Chilbolton Observatory, Wherwell, Hampshire, first noticed on Tuesday 14th August. Aerial photograph © 2001 by Steve Alexander.



Comparison produced to show the Chilbolton "transmission code" on the left, and, on the right, the schematic of the transmission sent on 16th November 1974 from the Arecibo radio telescope towards the M13 star cluster (from *Cosmos* © 1976 Carl Sagan).



COLONEL PHILIP CORSO'S CLOSE ENCOUNTER

from Paola Harris © 1997, 2001

On 5 July 1997, Colonel Philip Corso granted me this exclusive taped interview at the Sally Port Inn in Roswell, New Mexico. At the time, and for several years, I deemed it inappropriate to publish it because it might have distracted those who were interested in Col. Corso's book, *The Day After Roswell*, which mainly deals with back-engineering "alien technology".

There are those of us in ufology who are interested in the craft and how they fly, and there are those of us who are more interested in who is inside. I was taken totally by surprise by what the Colonel told me. I was not ready to hear the following story from a respected US Army officer. It changed my life forever.

[Note: Col. Philip Corso died on 16 July 1998, just over a year after Paola Harris conducted this interview with him. Ed.]

Harris: Let's return to the Roswell crash. What happened with the gates you said were in that area? [I think he was describing dimensional electromagnetic pillars.]

Corso: The night that this crash happened, Brazel said there was a lightning hit. Wilber Smith, the Canadian physicist, told me about the electrically charged electromagnetic pillars. If a plane or ship in the water hits those gates, the nuclear binding comes apart. When these electromagnetic pillars are moving and something hits them, they create wildfires. The gates are invisible and if the electric-magnetic binding comes apart, even a human can disappear.

So on that particular night there were three of them, three craft, and all these storms happened and they must have come through the gate and they hit, and one came through a split second behind the other. The time sequence was off and one ship became two and happened to arrive ten years later! I saw it. I went out to it.

Harris: Ten years later?

Corso: I saw it right there in the desert, right near the Trinity site. I put my hand on it. It kept disappearing and coming back. My trajectory....my radar kept picking it up.

Harris: You saw the ship? How did you know to go there?

Corso: I flew over in a plane first. Then I had them bring me over a big command car. I went across the desert in a command

car by myself. I did not go near it. I was a bit scared, but then I threw some cactus in there and it crushed it. It was solid. It was 110° in the sun and I put my hand on it. It was as cool as ice. Right there in the desert, near the Trinity site.

Harris: Were you alone? Did anyone else see it? Was it intuition that you knew to go there?

Corso: I was alone, but when I told my German scientists...and Wilber Smith, he said "you have experienced one of the truly great events that ever happened in the world". In a gold mine, I met one of those things [beings]. (I had taken my gun out, but I put it back.) You know what message he left me? I'll write it down for you: "A new world if you can take it!" He asked me to come aboard.

"I know what you have done to my people," I responded. Then like a human, I asked him, "What can you offer me?" He said, "A new world if you can take it." Then he asked me to shut down my radar down for ten minutes. I said to myself, if I shut my radar down, ten minutes could be an eternity. How did that thing know that I was the only man that could give that order?

Harris: Was it a grey?

Corso: It had a glass helmet on with a

silverfish band and a red jewel or sensor in the middle. Do you know what that means, "A new world if you can take it"?

Harris: No. But did you write this in your book?

Corso: No.

Harris: Colonel, you act like this is normal. It doesn't scare you at all?

Corso: I was in combat. If you don't act normal, you're in trouble. Or you go out of your mind. Do you know what I asked him when I first pulled out the gun? "Friend or foe?" Guess what the answer was?

Harris: Neither

Corso: That's right, neither. A new world if you can take it. I asked Jacques Vallée what that means. Well, I walked back from the cave, I put my gun, my knife away and I walked to the Jeep. I picked up my radio and called range headquarters and gave the order: "Captain Williams, this is the Colonel. Shut the radar off for ten minutes. I'm on my way. I repeat, shut the radar down!" But as I looked back, the thing was still at the entrance to the gold mine. Whatever the hell it was, it was standing at the entrance. There was water there and everything. I looked back and I saluted him.

Harris: And he let you go? Sometimes they try to control you.

Corso: Yes. But I can shut my mind off to mental telepathy. I used to do that during the war, or how else do you get through it? When I got back, the Sergeant said, "Colonel, you'd better pick up the tape at E battery... There's something going 3,000 or 4,000 miles per hour on the screen." When I was in the air, I saw a green light flashing and I heard in my mind, "I return your salute". Was I just imagining this or was this thing a soldier, too?

Postscript

I have always been very protective of the Colonel, so although I was given this interview in Roswell in 1997 I decided against publishing it due to the ridicule factor. However, Colonel Corso came to Italy twice to speak at conferences and on those occasions he told many this story. It was important to him that he tell it because of the message stated here.

(Source: Paola Harris, Rome, Italy; see her website, <http://utenti.tripod.it/paola-harris/>, for the full text of this interview. Colonel Corso's book, "The Day After Roswell", was reviewed in NEXUS 4/06.)

RETURN OF "PLANET X" AND THE PROPHECIES FOR 2003

A few psychics too many are warning of a huge comet or planet entering our part of the solar system in mid- to-late 2003. I looked into what others are saying, and here is a sampling of what I found. Make of it what you will. Editor.

"There is one more planet in our own solar system, not light years away, that comes between Mars and Jupiter every 3,600 years. People from that planet came to Earth almost half a million years ago and did many of the things about which we read in the Bible, in the book of Genesis.

I prophecise the return of this planet, called Nibiru at this time. The planet is inhabited by intelligent human beings like us, who will come and go between their planet and our planet.

— Zecharia Sitchin

I prophecise the return of this planet, called Nibiru at this time. The planet is inhabited by intelligent human beings like us, who will come and go between their planet and our planet. They created Homo sapiens. We look like them. I call them the Annunaki."

— Zecharia Sitchin

(Source: Excerpt from a speech; see www.surfingtheapocalypse.com/sitchin.html)

THE MYSTERY OF "PLANET X"

Does our solar system contain a tenth planet on an extremely long and elliptical orbit? Does an elusive tenth planet still lurk undiscovered in the distant dark depths of space?

Astronomers are indeed sufficiently certain of such a planet's existence that they have already given it a name: "Planet X", i.e., the Tenth Planet.

In 1978, the theory of Planet X took a giant leap forward when Robert Harrington and Tom van Flandern from the US Naval Observatory in Washington, DC, were able to determine that the orbits of Uranus and Neptune had been disturbed by the gravitational pull of an as-yet-unidentified celestial body.

Harrington and van Flandern went on to use sophisticated computer modelling to

propose that the tenth planet, named "Planet X", had somehow ejected Pluto and Charon from their previous positions as satellites of Neptune. They proposed that Planet X might have been an "intruder planet" which had been captured in orbit around the Sun "in a highly eccentric and inclined solar orbit with a long period". Harrington and van Flandern's calculations suggested that Planet X would have been three to four times the size of the Earth.

In 1982, NASA themselves officially recognised the possibility of Planet X, with an announcement that "some kind of mystery object is really there—far beyond the outermost planets".

One year later, the newly launched IRAS (Infrared Astronomical Satellite) spotted a large mysterious object in the depths of space. The *Washington Post* (30 December 1983) summarised an interview with the chief IRAS scientist from the Jet Propulsion Laboratory, California, as follows:

"A heavenly body, possibly as large as the giant planet Jupiter and possibly so close to Earth that it would be part of this solar system, has been found in the direction of the constellation Orion by an orbiting telescope...

"All I can tell you is that we don't know what it is", said Gerry Neugebauer, chief IRAS scientist."

Subsequent years saw little new information in the search for Planet X. Scientists, however, continued to carry out mathematical modelling of its characteristics. Their experiments suggested that Planet X was three to four times the size of Earth and had an orbit inclined to the ecliptic by a massive 30 degrees; also, that its position was three times farther from the Sun than Pluto.

In 1987, NASA made an official announcement to recognise the possible existence of Planet X. The American journal *Newsweek* (13 July 1987) reported:

"NASA held a press conference at its Ames Research Center in California last week to make a rather strange announcement: an eccentric 10th planet may—or may not—be orbiting the Sun. John Anderson, a NASA research scientist who was the principal speaker, has a hunch Planet X is out there, though nowhere near the other nine..."

(Source: by Alan F. Alford © 2000, author of "Gods of the New Millennium", "The Phoenix Solution" and "When The Gods Came Down", www.eridu.co.uk)

A CASE FOR THE HIDDEN PLANET

The lead paragraph in a report in *Science News* of April 7, 2001 headlined "A Comet's Odd Orbit Hints at Hidden Planet", states:

"Far beyond the solar system's nine known planets, a body as massive as Mars may once have been part of our planetary system—and it might still be there..."

The article reports the conclusions of an international team of astronomers who have studied an unusual comet discovered last year, designated 2000 CR/105. It follows a vast elliptical orbit around our Sun— an orbit that takes it way out to some 4.5 billion kilometres from the Sun, and brings it back at its closest to the Sun to the vicinity of Neptune; it is an orbit whose period "takes roughly 3,300 years" (according to *Sky & Telescope News* of 5 April 2001).

"Such an oblong orbit is usually a sign that an object has come under the gravitational influence of a massive body," wrote R. Cowen in *Science News*. Was this the gravitational pull of Neptune? In a study to be published in the journal *Icarus*, the team of astronomers (led by Brett Gladman of the Observatoire de la Côte d'Azur in Nice, France), after analyzing all the possibilities, does not think so.

"An alternative solution, they say, is that 'the comet's orbit could be the handiwork of an as yet unseen planet'—as massive as Mars—that would have to lie some 200 AU from the Sun' in the so-called Kuiper Belt of cometary and other planetary debris. This would also explain 'why many members of the Belt have orbits that angle away from the plane in which the nine known planets orbit the Sun'.

"Undoubtedly, something massive knocked the hell out of the Belt," Harold F. Levison of the Southwest Research institute in Boulder, Colorado, told the magazine. "The question is whether it is still there now."

(Source: by Zecharia Sitchin © May 2001, www.sitchin.com/lurkingplanet.htm)

END-TIMES PROPHECIES FOR 2003

In her article, "Stepping through the Concordance Paradox", Jan Mirehiel writes of Inca prophecies related by Alberto Villoldo, PhD. These say that as we come to the close of the current era of time, the last great Paccachuti, or period of cleansing, is underway. The shaman Villoldo quotes tell us that this will be

completed by the end of 2003.

Out of curiosity, we undertook a survey to see what others might be thinking about the events during that last year of the Paccachuti. Not to our very great surprise, we found prophets, priests, preachers, psychics and shamans (and more!) who, although coming from a wide variety of ideological and philosophical backgrounds, identify 2003 as a most important year for humankind.

Noted psychic Sylvia Brown has said that 2003, rather than 2012, is the final year of the Mayan calendar.

For example, it seems that the authors of most of the (numerous) web pages offering interpretations of biblical prophecies of the End Times designate 2003 as *the* year that the final prophecies begin.

The Reverend Sun Yung Moon has also gone on record with many statements that express his belief that: "The physical world and spirit world can be united... This is what we have to finish by the end of 2003. It should not extend beyond that."

From yet other sites, we have learned that Robert Ghostwolf predicts a pole shift in 2003, followed by several days of darkness; Richard Hoagland purports to have insider info on a 2003 catastrophe; and various other sites predict that a nuclear holocaust is in the offing. Others say that a comet will collide with the Earth that year, or that the erratic orbit of a "rogue" planet will cause the destruction of the Earth.

As might be expected, our highly unscientific web search also turned up

a number of references to 2012, commonly known as the year that the Mayan calendar comes to its end. Even in this, however, there are some who claim that this date has been miscalculated. Noted psychic Sylvia Brown, for example, has said that 2003, rather than 2012, is the final year of the Mayan calendar.

Several "channelled" sources are also indicating 2003 as the year of the return of the 10th planet. "Nancy", speaking as the emissary for the "Zeta-Reticulans", tells us: "We have given the correct dates for the return of the 12th Planet [the Nibiru of Sumerian myth] as the year 2003 for the devastating first pass."

At the Troubled Times website, we saw that Peter Lemesurier, author of *The Great Pyramid Decoded*, found an uncanny correspondence between what he calls the "Progress of Materialist Humanity Line" and historical events of world significance. What is interesting about his finding is that when the line hits the year 2004, it drops completely off the scale!

Finally, Peter Moon, in *The Music of Time*, which deals with the Philadelphia and Montauk experiments, cites 2003 as the year that those experiments, taking place originally in 1943 and 1983 respectively, will be completed due to (or through) a disruption or distortion of time as we know it.

(Source: by Jan Mirehiel, *Astrosite*, http://astrosite.com/_JanM3.htm)



REVIEWS



BOOKS

Reviewed by Ruth Parnell

AUSTRALIA'S DRINKING WATER:

The Coming Crisis

by John Archer

Pure Water Press, Australia, 2001

ISBN 0-9578009-0-8 (207pp tpb)

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(0)2 4343 1075

Just as the rest of the world faces a crisis over water supplies, so too does Australia. This is a message that John Archer drives home again in this, his fourth, book. He has been an active campaigner for the cause of clean water since 1990 when he published his 'watershed' book, *On the Water Front*.

The water reserves of this arid continent have reached critical point in terms of quality and quantity, and each city and region has its own special problems. Demand is overtaking supply for household and irrigation purposes; rivers and reefs are allowed to be polluted with pesticide and nutrient run-off; salinity is reaching drastic levels; privatisation is overtaking a nation that has no Safe Water Act. Chlorination and fluoridation treatment is the norm for much of the nation's water supplies, despite the proven health risks and the safer options available.

Treatment infrastructure needs revamping, mere patch-up jobs posing a threat to water supply in the immediate future. Rivers and the life therein are in decline from the stress of irrigation and blue-green algae, dams are contaminated with *Cryptosporidium*, rivers

are flooding and taking the topsoil away.

It's time to be angry, says John Archer, for national complacency, unenlightened thinking and practices, and lack of political will at all governmental levels have contributed to the crisis we're in. What's the solution? Well, we can lobby for legislation, install water tanks, utilise the safest filtration systems, protect our water catchment areas, and call scientists to account on their funding. But John urges us to take a further step and adopt an attitude that regards this most basic of resources as a sacred, healing gift.

DEATH IN THE AIR: Globalism, Terrorism and Toxic Warfare

by Dr Leonard G. Horowitz, DMD

Tetrahedron Publishing Group, USA, 2001

ISBN 0-923550-30-5 (523pp hc)

Price: US\$29.15 + US\$4.50 s&h in USA;

international orders, add US\$9.50 p&h;

NLGf83,90, Euro38,90

Distributors: **USA**—Tetrahedron

Publishing Group, tel (208) 265 2575, 1-

888 508 4787 (toll free), website

www.tetrahedron.org; **Europe**—NEXUS

Office, tel +31 (0)321 380558

The title of Dr Len Horowitz's latest book, *Death in the Air*, may be depressing, but this is reality and the truth is that populations all over globe are being subjected to "white collar bioterrorism". Make that white coat, too, for scientists and doctors, in their work for the organs of "institutionalised terrorism", have a history of co-opting in all manner of biological, chemical, electromagnetic and nuclear assault.

This is a massive "plagues for profit" scam which Dr Horowitz can only describe as "genocidal". What's being served up

includes pesticides to "control" West Nile virus "outbreaks" in New York, herbicides sprayed on Colombian peasants' coca and food crops, and fluoride to poison our water supplies. Populations around the planet are being zapped with microwave radiation and sapped from the residues of "chemtrails" criss-crossing their skies for some sinister climate and/or biological control purpose (see William Thomas's article this issue; he's also contributed to this book). Targeted groups are infected with disease organisms engineered in prestigious US labs, and sold drugs that will only make their conditions worse. It's Machiavellianism gone mad!

Dr Horowitz (a speaker at this year's NEXUS Conference) closes with an "end times" perspective in his extensively researched book. Readers get an unexpected side-trip into "breaking the heart of the beast" numerologically, with the revelation that "Kissinger" (the brains behind many genocidal programs), "vaccination" and "NVIC" all add up to triple six!





REVIEWS

THE HUNT FOR ZERO POINT

by Nick Cook

Century, UK, 2001

ISBN 0-7126-69531 (285pp hc); 0-0994-

1498-8 (tpb, available Aust/NZ Oct 2002)

Price: A\$57.90 (hc), A\$24.95; NZ\$64.95

(hc); £17.99; NLGf70,90, Euro32,90

Distributors: **Aust/NZ**—Random House;

UK—TBS, tel 0120 6256000; **Europe**—

NEXUS Office, tel +31 (0)321 380558

Ten years of solid research went into *The Hunt for Zero Point*, a pursuit by Nick Cook, Aviation Editor of the renowned *Jane's Defence Weekly*, to find the truth about the race for antigravity technology. The last time it was readily bandied about in the Press was in 1956, then all went quiet.

Of course, the research didn't stop there. But it hadn't begun there, either, for part of it had a strange genesis in Nazi Germany under the Third Reich's secret weapons program. It doesn't take a great leap of the imagination to realise that the scientists smuggled out of Germany via the ratlines in Operation *Paperclip* had a whole new future ahead of them in America, not just in rocket science. Or to understand why the Nazis were so keen to apply Viktor Schauberger's vortex discoveries. Or why T. Townsend Brown's antigravity propulsion patents were of so much interest to the US military.

Cook has pulled some captivating details out of the quagmire of American, German and Russian secret history, and draws on his considerable resources in the military aviation field. The light he sheds on the development of the "Stealth" aircraft, announced as it was 20-odd years after its development, and other more recent ultra-high-tech "black" craft which we sometimes see as they traverse the sky in a blink, makes you

wonder whether the rumours are true: that the US really *does* have a vehicle that can get to the Moon and back on one tank of fuel. Cook didn't intend to get caught up in UFOs along the way, but for this exposé he's necessarily had to enter this zone.

THE TEMPLARS AND THE ASSASSINS: The Militia of Heaven

by James Wasserman

Destiny Books, USA, 2001

ISBN 0-89281-859-X (320pp tpb)

Price: A\$36.00; NZ\$49.95; £14.99;

NLGf47,90; US\$16.95; C\$26.95

Distributors: **Aust**—Gemcraft, tel (03)

9888 0111; **NZ**—Southern Publishers, tel

(09) 309 6930; **UK**—Deep Books, tel 0208

6930234; **Europe**—NEXUS Office, tel +31

(0)321 380558; **USA**—Adventures

Unlimited, tel (815) 253 6300; **Canada**—

Ten Speed Press, tel (416) 213 1919

James Wasserman has assembled here a **J**vital history from the point of view of the "vanquished" rather than the "victorious".

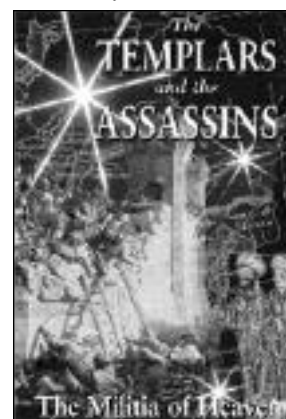
His focus is on those two great, but opposed, religious orders: the Knights Templars of the Christian world, and the Assassins of the Islamic. It seems hard to believe that two such great occult warrior orders could be destroyed and declared heretical, but 700-odd years ago and more it happened—yet their flames have been kept burning.

Both groups are still alive and well, Wasserman insists, if not somewhat understated; the latter, better known as the Nizari Ismailis, continue to flourish under the leadership of the Aga Khan, though they met their official demise at the hands of the Mongolians in 1256 and the Mamelukes in 1273. The Knights Templars had to go

overseas and underground by the time of their excommunication in 1311, even though they'd discovered the secrets of Solomon and acted as the Pope's private guards.

Wasserman fills in some of the details of the background to the ongoing Western esoteric tradition, taking in all eight crusades including the role of the Cathars. These mediaeval battles still reverberate today in the Middle/Near East. The same sects instrumental in persecuting these orders are alive and well today. How the worm turns!

In the final part of *The Templars and The Assassins*, Wasserman (a member of the Ordo Templi Orientis) traces the path of the mysteries to today, taking in the Kabbalah, Gnosticism, Grail mythology, Renaissance Hermeticism, Rosicrucianism, Freemasonry, Crowleyism, the infamous Temple of Set in just two sentences, and much more. This could have been a much bigger book, but its import is enormous as it is, written with an authority that comes from a life steeped in esoterica and a commitment to communication and, ultimately, transformation.



REVIEWS



THE FIELD: The Quest for the Secret Force of the Universe

by Lynne McTaggart

HarperCollins, UK, 2001

ISBN 0-7225-3764-6 (227pp hc)

Price: A\$45.00 (Jan 2002); NZ\$64.95 (Jan 2002); £17.99; NLGf70,90, Euro32,90

Distributors: **Aust/NZ/UK**—Harper

Collins; **Europe**—NEXUS Office, tel +31

(0)321 380558

The Force is with us, even if mainstream science is taking its time to get up to speed in acknowledging it. Fortunately, as UK-based scientific/medical writer Lynne McTaggart highlights in *The Field*, frontier scientists have been performing experiments that prove the reality of a realm that hitherto had been the domain of Eastern mystics and Western witches who met their demise at the stake. We've come a long way...

To prove her point, McTaggart traces the developments of quantum physics and the discovery of the zero point field—the ocean of energy that permeates everything—focusing first on the work of Hal Puthoff and Ken Shoulders in attempting to tap its powers and find the "Holy Grail of energy research". Naturally, this line of enquiry had to extend to areas of a biological nature and ultimately into the field of human consciousness. But before plunging headlong into this, McTaggart delves into the research of luminaries like Fritz-Albert Popp, who observed coherent light emanating from living systems; Jacques Benveniste, whose molecular memory research confirmed the efficacy of homoeopathy and showed that chemical signatures can even be transmitted by email; Karl Pribram's perception of the brain's holographic memory storage capability; and Stuart Hameroff's understanding of

intercellular language. These findings pegged out the territory for a much greater reality territory, one that we can all tap into if we're open to perceiving it.

The next steps were in creative observation, collective mind-power, and realisation of our relationship with the infinite here and now, helped along by Jahn and Dunne at the PEARS Lab, psychic/remote viewer extraordinaire Ingo Swann, William Braud with his intercultural ESP studies, and others.

The vast scope of this book lifts the veil on a state of being that is our birthright.

VATICAN ASSASSINS

by Eric Jon Phelps

Halcyon Unified Services, USA, 2001

ISBN 0-9704999-2-2 (694pp + CD-ROM)

Price: US\$34.95 + \$5.50 s&h in US;

Aust/NZ/UK/Eur orders, US\$34.95 +

US\$30.00 airmail or \$25.00 surface mail

Distributor: **USA**—Wisdom Books, PO

Box 1567, Tehachapi, CA 93581, tel +1

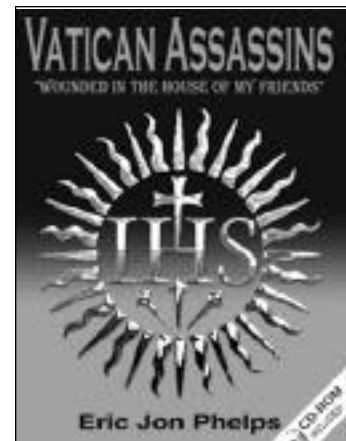
(661) 823 9695 (credit card orders)

The Roman Empire never died; it merely metamorphosed into the Holy Roman Empire and then into the Roman Catholic Church, arguably the world's most powerful player with around 980 million followers around the globe. Who says it's not a political force, or that politics hasn't *always* been on its agenda, reasons Eric Jon Phelps, when its secret agents and foot-soldiers occupy powerful positions even in non-Catholic countries, when it's installed dictators, seeded counter-revolutions and ordered murders throughout its history. In 1540, when Pius III gave his blessing to the new Jesuit Order, the shadow agenda gained momentum.

Phelps gives even the JFK assassination the Ultimate Conspiracy treatment here

within the context of this catchy subtitle, "The Diabolical History of The Society of Jesus", i.e., the Jesuits—and along with them the Knights of Malta, the Illuminati, Scottish Freemasons, the Nation of Islam, the Mafia Commission, Opus Dei and other groups. The shadowy power behind these secret societies? Says Phelps, none other than the "Black Pope", the Superior-General of the Jesuits—at this time, the Dutchman Count Peter Hans Kolvenbach (and "Black" is not a racial reference here). God's warriors even have a hand in so-called "black projects"—and you thought it was just the military-industrial complex in charge!

Phelps (an American Protestant) launches a venomous attack on the Roman Catholic Church and its highly placed minions in *Vatican Assassins*. He seethes with rhetoric and religious fervour, but also covers some stunning information. It's a book the Jesuits would happily gather up and burn—after they snaffled copies for their own archives.





REVIEWS

HOW I OVERCAME PSORIASIS

by Kent Trussell

Sally Milner Publishing, Australia, 2001
ISBN 1-86351-283-7 (288pp tpb)

Price: A\$29.95 + p&h

Distributor: **Australia**—Bookshops; overseas orders: Sally Milner Publishing, POB 2104, Bowral, NSW 2576, tel +61 (0)2 4862 4212, fax +61 (0)2 4862 4214, website www.sallymilner.com.au

Psoriasis is a skin affliction that affects millions and is considered by orthodox medicine to be "incurable". Contrary to such opinion, it is controllable and treatable, but this requires not just a skin-deep approach, but one that encompasses the whole person, including the mind and emotions, as Kent Trussell found out in his own long journey of denying, confronting, coping with and overcoming the syndrome.

Brisbane-based Trussell has had psoriasis on and off for 40 years since the age of ten, and here he tackles the questions you're just itching to ask, especially about the precipitating factors. He considers vital areas related to skin health, such as balanced nutritional intake, metabolism, the digestive and other systems and organs, blood health, free radicals and detoxification. He explains the various triggers for outbreaks, including genetic disposition and stress, but also foods (such as the nightshade family, animal protein and gluten), alcohol, food additives, vaccinations, infections, medications, skin injury as well as psychosomatic factors.

Kent's time-tested advice includes making changes to diet, cooking technique and lifestyle. He gives tips for reversing skin loss and promoting surface healing and healthy skin growth using natural treatments such as fresh air and sunlight, and soothing

essential oils and creams for sensitive spots. For effective healing, the conscious and subconscious selves need to be co-opted in creative visualisation, and adjunct treatments including acupuncture and homoeopathy are helpful in stimulating the subtle energies. For Kent, self-hypnosis was of great benefit.

If psoriasis is a burden in your life, you owe it to yourself not to bypass this book.

IN THE NAME OF THE GODS: The Mystery of Resonance and the Prehistoric Messiah

by David Elkington

Green Man Press, UK, 2001

ISBN 0-9539-9300-0 (525pp hc)

Price: £24.99 + £4 p&h in UK, + £5 to Europe, + £10 to Aust/NZ/USA/Canada; NLGf89,90, Euro40,90

Distributors: **UK**—Green Man Publishing Ltd, 1 The Green, Sherborne, Dorset DT9 3HZ, tel +44 (0)1935 389555, website www.greenmanpress.co.uk; **Europe**—NEXUS Office, tel +31 (0)321 380558

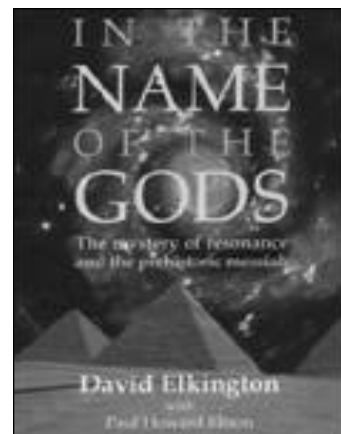
To the ancients, sound was the essence of spirituality and religion. They created their sacred spaces so that initiates in the mysteries could tune into the resonant frequencies that would transport them to extradimensional realms. They even used sound to lift huge stone slabs in the construction of their temples. In mediaeval times the European Gothic cathedrals were built with sonics in mind by Masons who had inherited an ancient tradition, though whether the intended purposes and results are comparable is another matter.

In his book, *In the Name of the Gods*, David Elkington brings to bear the benefit of many years of travelling and investigating

all those key cross-over subjects like acoustics, archaeology, architecture, linguistics, mythology, neurophysics, sacred geometry, theology and more. They meet in a place where superscience and supersense are one. The ancients found the most conducive sites to enable their structures to tune into the Earth's resonance; they designed them so they could resonate certain vibrational frequencies through their music and voice, and thus tap into a wider universal resonance.

Elkington takes us on a guided tour through the barrows and labyrinths of the British Isles, Europe and much of the ancient world, sites of special acoustic potentialities and spiritual significance—though none quite as awesome as the Grand Gallery and King's Chamber within the Great Pyramid of Giza.

He also gets to the heart of language as a kind of acoustic consciousness, sourced by the power of the Word itself, shaped by environment and preserved in the heroic myths common to myriad ancient cultures. An uplifting, rigorously researched work.



REVIEWS



THE BIBLE FRAUD

by Tony Bushby

The Pacific Blue Group, Hong Kong, 2001
ISBN 0-9579007-0-8 (272pp hc),

0-9579007-1-6 (272pp tpb)

Price: A\$54.95 (hc), A\$32.95 (tpb),
US\$28.95 (hc), US\$16.95 (tpb) + p&h;

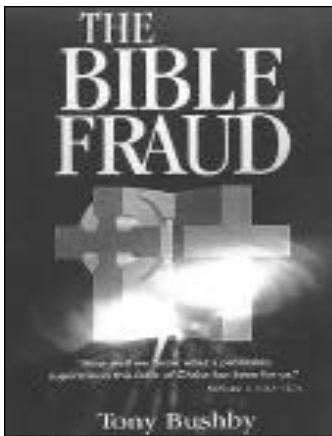
NZ\$45.00 (tpb) + p&h; NLG£50,90

Distributors: **Australia**—Joshua Books, tel
+ 61 (0)7 5444 1971, fax +61 (0)7 5444
1491, email joshuabooks@bigpond.com,
website www.thebiblefraud.com;

Aust/NZ/UK/Eur— Enquire NEXUS offices

What has been passed down to us as the New Testament is a very confused historical account, yet these facts as presented by the Church of Rome have become matters of faith and dogma based on deliberate concealment of the truth—a deception the Church is keen to uphold to this day.

Now, Australian publisher/entrepreneur Tony Bushby has uncovered some of the



deceit of the last two millennia in *The Bible Fraud*—the result of 12 years of painstaking full-time research. The central thesis is one that other scholars and mystics, as far back as Michelangelo and Sir Francis Bacon, have known about and have referred to in codes and ciphers: that the figure we know of as Jesus Christ is a composite character.

According to Bushby, the real story is about twin brothers, the illegitimate sons of the Roman Emperor Tiberius and Princess Mariamne Herod, the granddaughter of King Herod, who had Nabatean Arab/Hasmodean ancestry. The two boys were brought up in the Essene community; indeed, the Essenes had a prophecy about twin Messiahs, so the brothers seemed to fit the bill. The elder, Judas Khrestus, became the sword-wielding Galilean revolutionary ("the Wicked Priest"), while the younger, the Rabbi Jesus (or Yeshu'a), had a ministry with strong links to the Druids of Gaul and Britain and actually became a Druid King.

Bushby analyses many Gospel passages

where it seems that two completely different personalities are interwoven. He charts the early genealogies showing that the genetic heritage of the Rabbi Jesus mingled with the Druidic/Celtic lines and was reseeded into the Roman imperial line several times down to Constantine, and thus he dovetails along the way with Laurence Gardner's narrative. He also delves into how the Church, along with its dogma and official texts, was created. Bushby's thought-provoking book is recommended reading for anyone who is on the search for truth in history.

VOYAGE TO CURIOSITY'S FATHER

by Bruce Moen

Hampton Roads, USA, 2001

ISBN 1-57174-203-4 (303pp tpb)

Price: A\$36.95; NZ\$46.95; £10.00 (special offer); NLG£39,90, E18,90; US\$13.95

Distributors: **Aust**—Gemcraft, tel (03)

9888 0111; or NEXUS Magazine; **NZ**—

NEXUS Office, tel (09) 405 1963; **UK**—

Airlift Book Co., tel 0800 018 5450;

Europe—NEXUS Office; **USA**—Hampton

Roads Publishing Co., tel (804) 296 2772,

website www.hrpub.com

Bruce Moen has moved through some major transformations since his first "curiosity's father" perception in 1975. But it wasn't until 1991 that his visionary capabilities were given an extra boost when he signed up for The Monroe Institute's Gateway Voyage program. This opened up doors to previously undreamt-of possibilities, and not just in extrasensorial realms. Ten years later he has four books to his credit, is tinkering with engineering projects with links to the other side, and conducts workshops in everything from soul retrievals in disaster scenarios to getting to know the lay of the astral landscape.

The emphasis in Moen's fourth book is on partnered exploration, a technique where at least two people agree to meet nonphysically, perhaps at a specified time according to time zones, and embark on an astral journey. The Focus 27 level identified by Robert Monroe is a suitable jumping-off point for such forays, and here it's off to the Planning Centre for pointers on how time and events unfold in our physical reality.

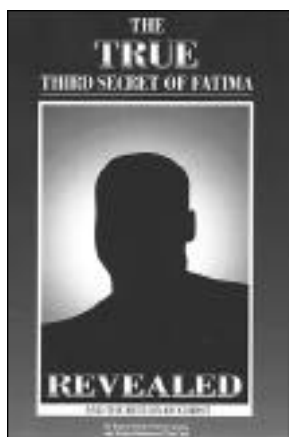
According to the regimen, after their forays the partners write down their recollections and share and compare their experiences, often by email these days. And while each version may have individual differences, the similarities can be flooring! Nothing really quite compares with having someone else validate the essence and details of your own out-of-body journeys. And judging by the quality of Bruce's cooperative ventures, he's had some remarkable women assisting him in his quest!



REVIEWS

THE TRUE THIRD SECRET OF FATIMA REVEALED and the Return of Christ by Pastor Melo Nzeyitu Josias

with Rocha Nefwani and Tom Dark
NeKongo Press Publishing, USA, 2001
ISBN 0-9710852-0-X (260pp tpb)
Price: US\$19.85 + US\$6.25 in USA, for-
eign s&h add US\$7.74 (or \$11.80 for
express post); NLGf79,90, Euro36,90
Distributors: **USA**—NeKongo Press
Publishing, 5425 East Broadway, PMB Box
192, Tucson, AZ 85711-3704, fax +1
(775) 871 6696, email Nekongo2001@
aol.com; **Europe**—NEXUS Office



What is it about the Third Secret of Fatima that it has been suppressed by so many Popes? Why did John XXIII collapse on reading its content, only to refuse to announce it in 1960 as instructed by the Lady of Fatima to Lucia dos Santos? Why did Pope John-Paul II authorise the release in May 2000 of what's widely believed to be a fraudulent Third Secret? What could be so shocking to the Vatican, more shocking even than Armageddon? That Jesus Christ was back—and (again) was black?

Nine months after the first 'appearance' by the Lady in Fatima, Portugal, in May 1917, that (arguably) selfsame Messiah, as prophesied by Isaiah, John in Revelation and various persecuted black African prophets, was born in Portuguese Angola. Simeon Toko was his name, and, as Pastor Melo of the Tokoist church explains in this controversial book, he performed miracles and ministered to the sick and poor—to the horror of the colonial and church powers. (Readers had a preview in Tom Dark's article last issue.)

In 1983, just months before Toko's death, Pastor Melo had a revelation from the Lord, and he's devoted the ensuing years to substantiating the details, spreading the word of the Messiah Returned and clarifying aspects of His former life, heritage and works. Drawing on biblical references, semantic

and numeric analysis and a sigil-like script he's devised, the Pastor introduces us to the ancient Kongo Kingdom, whose populations and influence extended through the African continent into the so-called Holy Land. They are the original twelve tribes of Isolele or Israel, and their language, Ki-Kongo, seeded umpteen others. Their descendants can still be found in Angola and the Congo.

Pastor Melo's thesis, while deserving of expansion in a follow-up book, is a paradigm-shifter that uncovers some of history's great lies and truths. Its message of equality, unity, love and compassion may well move even the sceptical and the cassoched.

TSUNAMI: The Underrated Hazard by Edward Bryant

Cambridge University Press, UK, 2001
ISBN 0-521-77244-3 (hc),
0-9521-77599-X (323pp tpb)
Price: A\$59.95; £19.95; NLGf77,90,
Euro36,90; US\$27.95
Distributors: **Aust/UK/USA**—Cambridge
University Press, www.cambridge.org;
Europe—NEXUS Office

Often we hear from readers who have had visions of a series of massive tidal waves hitting Australia's east coast (yes, we've even had a few ourselves). As Edward Bryant has been telling us for years, such events happen regularly, as confirmed in the geological record, and will happen again, soon. This part of the world can expect a tsunami every 500 years at max, or 200–250 at least. Aboriginal legend attests to this, and the proof of past disasters is etched in the headlands. Inevitably, the east coast is in for another king hit.

An associate professor and Geosciences head at the University of Wollongong, NSW, Australia, Bryant is a world-leading academic in his field, having written over 50 papers and two previous books on subjects as diverse as climate change, beach erosion, tsunami dynamics and the catastrophic agents of coastal evolution. This exhaustively researched new title has particular relevance for coastal populations all over the world, for there's a global history of destructive tsunamis caused by earthquakes, volcanic eruptions, submarine landslides and even meteorite and comet impacts.

Bryant gets into the cut and thrust of geomorphology in *Tsunami: The Underrated Hazard* (an underplayed subtitle, if ever there was one). He also strikes home the need for coastal communities to hook up to early-warning systems and adopt counter-disaster strategies to prepare for these very real tsunami risks and offset the potentially deleterious effects. We have the science; now there's no excuse for complacency.

REVIEWS

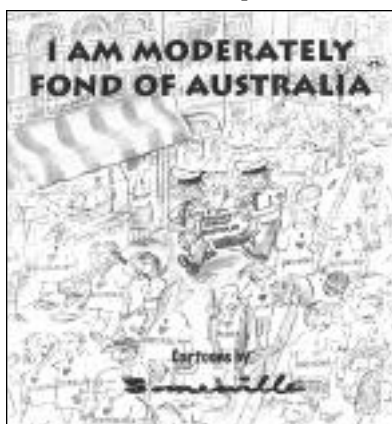


I AM MODERATELY FOND OF AUSTRALIA

Cartoons by Somerville

Hardie Grant Books, Vic., Australia, 2001
ISBN 1-876719-84-2 (104pp tpb)
Price: A\$26.95 + international p&h
Distributor: **Australia**—Bookshops;
NEXUS Magazine, PO Box 30, Mapleton,
Qld 4560, tel +61 (0)7 5442 9280, email
editor@nexusmagazine.com

The jester of old, who has always somehow been able to get away with finger-pointing the lies, hypocrisy and vanity of mankind while at the same time acknowledging and transcending the human condition with humour and compassion, has its



modern-day counterpart in the cartoonist, particularly of the ilk of Phil Somerville.

As destiny willed it, Phil's cartoons have been gracing these pages for over 10 years, and have gone on to enlighten readers of the *Sydney Morning Herald*, the *Bulletin* and even *Penthouse* in Australia.

At last, here is the first compendium of Somerville's collective offerings, and they are truly worthy of a worldwide audience. Phil tells me that about 40% of the cartoons have never been published before, and says the selection (eight pages in colour) reflects the last 15 years of his journey into the "whimsical, lyrical, frank or refreshingly strange". The one thing he asks is that you "laugh till you think". His cover title cartoon, "I Am Moderately Fond of Australia", featuring a guy wearing a T-shirt bearing those words amidst a swarm wearing "I Love Australia" slogans, has as much punch in these latter-day CHOGM-atic times as it did in the late 1980s Australia Card protest era. And my favourite Time Machine Repairs cartoon is here: "Leave it with me. You can pick it up last Tuesday."

I could continue waxing on lyrically about Phil's cartoons, but get the book yourself; get several copies (I am). By some strange quirk, Phil has a way of restoring one's faith in humanity through the power of humour.

SPIRITUAL HEALING: Scientific Validation of a Healing Revolution

by Daniel J. Benor, MD

Vision Publications, USA, 2001
ISBN 1-886785-11-2 (600pp tpb)
Price: £19.99 + £1.50 p&h in UK, £3 to Europe; £4.50 elsewhere; NLGf78,90, Euro35,90; US\$28.00 + s&h cost on application; NLGf78,90, Euro35,90
Distributors: **UK**—Counterculture, tel 01823 698895; **Europe**—NEXUS Office, tel +31 (0)321 380558; **USA**—New Leaf; Amazon; Vision Publications, 21421 Hilltop St #28, Southfield, MI 48034, tel +1 (248) 948 8112, fax +1 (248) 948 9534, email center@reiki.org, website www.spiritualone.com

We can expect some incredible medical breakthroughs in the 21st century, but none will be quite as significant as those that involve the mind and the nature of consciousness. The groundwork has been laid, and from the studies gathered by Dr Daniel Benor for *Spiritual Healing* it's obvious that there is a significant body of scientific and anecdotal knowledge that proves the mind's ability to effect healing. This is primarily age-old knowledge, Dr Benor reminds us, but knowledge that has been rediscovered, reassessed and increasingly is being applied.

Fundamental to the study of this special type of healing is consideration of biological energy fields and the nonlocality of the mind, and many studies here involve experiments with energies of plants, animals, single-celled organisms, enzymes and DNA. Many of the studies utilised highly sensitive technologies to provide measurements.

But the types of spiritual healing covered require no particular technologies; just the healing power of touch, the laying on of hands, the channelling of energies as in Reiki, the attunement and focus of mind, but the utilisation of energised crystals and water helps. Collected in this valuable manual are the views of many consciousness researchers and spiritual healers from around the globe—the Russian, Chinese and Hawaiian kahuna input displaying unique approaches to energy dynamics.

There's an impressive array of studies documented (though some are more successful than others), including using red blood cells to study psychokinesis, kinesiography to show changes in internal *qi*, negatively charged water to show the effect of depressive thoughts on a plant, and prayer to effect distant healing and self-healing. Described are all sorts of spiritually based healing practices that can effect change on the physical, mental and emotional levels.

This book should connect and inspire healers across a broad range of modalities.



REVIEWS

VIDEOS

Reviewed by Duncan Roads

HEALING THE TOXIC DOMAIN

with **Eve Hillary**

Eve Hillary/Direction Pty Ltd, Australia, 2000 (65mins PAL/VHS)

Price: A\$30.00 + A\$5.00 p&h in Australia; foreign orders, contact distributor

Distributor: **Australia**—Direction Pty Ltd, PO Box 745, St Ives, NSW 2075, tel/fax +61 (0)2 9979 7580, email evehillary@smartchat.net.au

This is a powerful and informative presentation by the respected author of *Children of a Toxic Harvest*, Eve Hillary. Eve served as a healthcare professional at a major Sydney teaching hospital, in such areas as neonatal, neurosurgical and cardiothoracic intensive care as well as coronary care. Her own environmentally related illness led Eve on a journey of inquiry and discovery that resulted in her defeating devastating illness and regaining new health.

Eve has gone on to become a heroic crusader in the campaign to alert the public and health care practitioners to the health dangers from chemical pollution. If you have a friend or loved one who suffers from the effects of environmental pollution, multiple chemical sensitivity, chronic fatigue, etc., show them this video. In fact, everyone should watch this video, it is *that* important!

REDISCOVERING MARY MAGDALENE

with **Laura-Lea Cannon and David Tresemer, PhD**

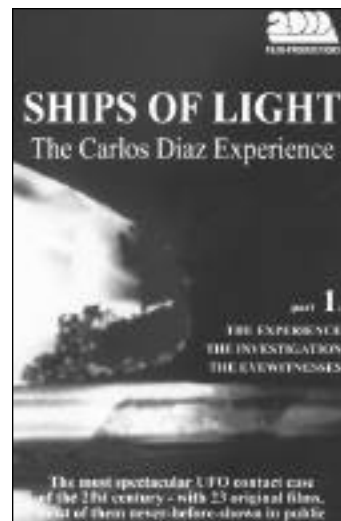
CANCOM, USA, 2001 (50mins NTSC/VHS)

Price: US\$19.95 + \$5.00 s&h

Distributor: **USA**—All Seasons Chalice/StarHouse, PO Box 180, Boulder, CO 80306-2180, tel +1 (303) 245 8452, email ascpr@dim.com, website thestarhouse.org

Who was Mary Magdalene? In AD 600, Pope Gregory labelled her a penitent prostitute, yet there are no direct references in the New Testament to confirm this assertion. Why was information about this intriguing woman deliberately distorted and kept from history?

For years, playwrights Laura-Lea Cannon and David Tresemer have followed Mary Magdalene's enigmatic trail throughout Israel and France. Their video production is an excellent, thought-provoking combination of historical facts, cultural effects and personal perceptions, blended with excerpts from the theatrical production, "My Magdalene". It also contains great footage of sacred sites of the Middle East and Europe.



SHIPS OF LIGHT: The Carlos Diaz Experience – Parts 1 & 2

with **Michael Hesemann**

2000 Film Productions, Germany, 2001 (78mins each; PAL/VHS & NTSC/VHS)

Price: £n/a; NLGf130,00, Euro63,90; US\$n/a

Distributors: **Germany**—2000 Film Productions, Worringer Strasse 1, D-40211 Düsseldorf, tel +49 211 352968, website <http://hesemann.m-n-d.com>; **UK/Europe**—NEXUS offices; **USA**—Adventures Unlimited, tel (815) 253 6300, www.adventuresunlimited.com

Debate is still raging between various factions of UFO researchers as to the authenticity of Carlos Diaz's UFO experiences, so I'm sure this documentary will be viewed with interest by many.

Part 1 of this two-video set covers three subjects: The Experiences of Carlos Diaz (which began in 1981 in a remote area of Mexico); The Investigation (which includes an impressive group of qualified scientists); and The Eyewitnesses (12,000 witnesses over a 20-year period).

Part 2 is also split into three sections: The Evidence; The Analysis; and The Message. Some of the video and photographic footage is extraordinary, to say the least.

I was most impressed with the thoroughness of the research conducted, both on location and indoors in studios and laboratories. The eyewitness interviews, the painstakingly illustrated details of photographic and video-graphic analysis, and the very different nature of these strange, pulsating, beautiful-looking orange/yellow/red-glowing UFOs, all add up to give the impression that this is one of the most remarkable cases of the last two decades. I certainly find it very hard to believe that this is an elaborate hoax.

REVIEWS



MUSIC

Reviewed by Richard Giles

THIS SENTENCE IS TRUE

by Sheila Chandra

Shakti Records, USA, 2001 (48mins)
Distributors: **Australia**—MRA, tel (07) 3849 6020; **USA**—Real World, tel (414) 961 8350, www.shakti records.com

Sheila Chandra is a woman of amazing voice. If you've heard her before, you'll understand how she connects with sound (see review, 7/01). Of Indian parentage, born and raised in England, Sheila has released several albums inspired by both Indian and Celtic vocalisation styles. Accompanied by the Ganges Orchestra on *This Sentence is True*, she finds a musical vehicle that utilises emotion rather than words to express music and sound. Expect the experimental with this "edgy" stuff, as Sheila calls it. An exciting offering.

RED SANDS DREAMING

by Global Collective

New World Music, USA, 2001 (51mins)
Distributors: **Aust**—New World Music, tel (02) 9565 4522; **UK**—New World Music, tel 01986 781682; **USA**—New World Music, tel (303) 415 1040, website www.newworldmusic.com

Created with the support of Aboriginal and Australian musicians and creators, *Red Sands Dreaming* is a special collaborative project. CAAMA, an Aboriginal-owned organisation helping Aboriginal communities, set the process rolling for *Red Sands*.... Each musician and singer was consulted on the final product before its release. The music was recorded in the bush and studio, then mixed in Sydney with the cooperation of all participants. A remarkably deep and exciting recording of many clans from across Australia, and a real and powerful tribute to reconciliation.

ZEN BREAKFAST

by Karunesh

Real Music, USA, 2001 (57mins)
Distributors: **Aust**—New World Music, tel (02) 9565 4522; **USA**—Real Music, tel (415) 331 8273, www.realmusic.com

More of a blend of healing, relaxation and classical music with an element of the sacred, *Zen Breakfast* is a welcome and needed fusion of the quiet with the visionary. Karunesh uses guitar, voice, keyboards and sitar with some sampling to guide us through the Zen archery story about being one with the target before you loose the arrow. Tracks like "Flowing with the Tea", "Moon Temple" and "Breathing Silence" are

indicative of the sound of Zen. An album of the peaceful and sacred to touch and resonate with the heart chords.

SOUL MAKASSAR

by Tarika

Triloka Records, USA, 2001 (61mins)
Distributors: **Aust**—MRA, tel (07) 3849 6020; **USA**—Triloka, tel (310) 456 9063, website www.triloka.com

Hanita Rasoanaivo of the group Tarika had been hatching a project since the 1980s when she discovered that the music and customs of her native Madagascar were very similar to those of Polynesia and Indonesia. In 1999 she found out for herself when she visited Sulawesi. Her album is a cross-pollination of these forms, recorded in Bandung, Jakarta and London. The lyrics are pleas for the traditional music of each culture to be loved and preserved. She writes against globalisation "which kills us all" and drives us to "dollars and flashy cars". This is true roots music: finding the commonalities amongst all of us.

BARO

by Habib Koité and Bamada

Putumayo, USA, 2001 (62mins)
Distributors: **Aust**—MRA, tel (07) 3849 6020; **USA**—Putumayo World Music, tel 1888 788 8629 (toll free in Nth America), website www.putumayo.com

Born in Mali into a family of *groits*, the heirs to a musical line in West African culture, Habib Koité studied at Mali's most prestigious music school and learned traditional as well as modern forms. In 1988 he founded Bamada and began touring the world, achieving great success as a live performer. This album is evenly beautiful and lyrical music, anchored in Mali tradition but having a worldwide appeal. *Baro* features the balafon, the wooden-keyed West African xylophone, along with many Malian instruments. Marvellous melodies.



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Other life-forms, even tinier than bacteria, are also thriving in our atmosphere. The discoverer of nanobacteria, Dr Robert Folk, describes the most populous organisms on Earth as "dwarf forms of bacteria, about one-tenth the diameter and 1/1000th the volume of ordinary bacteria".

The Professor Emeritus at the University of Texas figures that these ultra-tiny bugs are "possibly an order of magnitude more abundant" than normal bacteria that swarm everywhere.

Since chemtrails are commonly spread over populated areas where temperature differentials are greatest and solar shading most needed, it is probable that particulate-laden plumes are precipitating airborne viruses, bacteria and fungi down into human lungs and respiratory systems unable to recognise or resist the alien invaders.

This possibility was further strengthened when Dr Folk chose a lightweight metal as a matrix to grow bugs too small to be seen by optical microscopes. Folk viewed under electronic magnification entire ecologies of swarming nanobac. The bacteria were feasting on (he called it "metabolising") aluminum.

PUBLIC CONCERN SPREADS

Are we worried yet? An August 2001 WorldNetDaily poll asked Americans: "Do you think 'chemtrails' are anything to worry about?"

Forty-three per cent answered "Yes"; another 30 per cent wanted more information on chemtrails—a total 73 per cent of US respondents concerned about chemtrails.

As lawyers across the US discuss filing the "Mother of All Lawsuits" against Boeing, Bush and the US Air Force, their case now appears tight enough to force further disclosures.

The last glaring evidential gap—photos of ground-based chemtrail operations—may soon be forthcoming.

What to do?

A British campaigner involved in another bid to reclaim individual sovereignty and local autonomy held out the best hope for change when she told a CBC radio interviewer:

"The only way to get government to do anything is if enough people stand up and shout, 'This is ridiculous!'"

Stay tuned. With chemtrails confirmed as a military operation aimed at climate modification, the biggest trial is about to begin—in the court of public opinion.

References

- *Vancouver Courier* chemtrails coverage: www.vancourier.com/085101/news/085101nn1.html
- WorldNetDaily chemtrails coverage: www.worldnetdaily.com/news/article.asp?ARTICLE_ID=24152
- Mark Steadham's Houston contrails study: www.chemtrailcentral.com/report.shtml
- "Tiny Bits of Soot Tied to Illness", *New York Times*, April 21, 2001, www.nytimes.com/2001/04/21/science/21AIR.html
- NOAA meteorologist Thomas Schlatter: www.weatherwise.org/qtr/qry.chemtrail.html

About the Author:

William Thomas specialises in health and environment issues. His award-winning writing has appeared in more than 50 publications in eight countries. His editorial commentaries have been published in *The Globe and Mail*, *Toronto Star*, *Vancouver Sun* and *Times-Colonist* newspapers as well as *Earth Island Journal* and *Ecodecision* magazines. He has also appeared on CBC radio and TV, CNN and New Zealand national television. His articles, "Poison from the Sky: the 'Chemtrails' Crisis" and "Probing the 'Chemtrails' Conundrum", were published in NEXUS 6/03 and 7/02 respectively. He can be contacted by email at willthomas@telus.net, or via his Lifeboat News website, www.lifeboatnews.com.

A Nutritional Approach to Treating ADHD

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Resources

ADHD Support Groups

United Kingdom

• Hyperactive Children's Support Group

(HACSG): The oldest support group in Britain, this voluntary group was founded in 1977 by the late Irene Colquhoun and her daughter Sally Bunday and registered as a charity in 1979. It is concerned with counselling, education and research and provides a quarterly journal to members. It takes a nutritional approach focused around elimination diets and the use of EFAs, and also advocates heavy metal assessment. It does not advocate the use of MHP. Free information is provided (send SAE to HACSG, 71 Whyke Lane, Chichester, W. Sussex PO19 2LD), and phone advice is offered between 10 am and 1 pm during weekdays on 01903 725182. Visit the HACSG website at www.hacsg.org.

• **Overload Network International:** This network is run by Janice Hill who provides advice (tel 0131 5554967) and information (send SAE to 58 North Fort Road, Edinburgh EH6 6HN). The Overload

Network and **Attention Fife** (run by Barbara Naumann, tel 01592 890346) advocate a nutritional/detox approach, reject MHP and are calling for a public inquiry into a recent Scottish guidance committee's report advocating MHP.

• **ADHD National Alliance:** This new group is being forged by Jim Hedgeland of Contact a Family (170 Tottenham Court Road, London W1T 7HA, tel 0207 3801261) and is funded by the Department of Health. Its aim is to bring together the various approaches to ADHD, and it has a list of various other groups, from pro-medication to users of certain herbs and complementary therapies, which offer help/information on ADHD.

Australia

- Hyperactivity Association, 24/29 Bertram Street, Chatswood, NSW 2067
- Queensland HA Association, PO Box 107, Yeronga, Qld 4104
- Sue Dengate, Darwin ADD Support Group, PO Box 85, Parap, NT 0804
- Anne Swain, Allergy Service, Suite 210, RPAH Medical Centre, 100 Carillon Avenue, Newtown, NSW 2042

New Zealand

• Diane Wellacott, Auckland Hyperactivity Association, Box 51-675, Pakuranga, Auckland

USA

- Feingold Association of the United States, Box 6550, Alexandria, VA 22306; membership office: 127 East Main Street, Suite 106, Riverhead, NY 11901
- The Carl Pfeiffer Treatment Center, 1804 Center Point Drive, Suite 102, Naperville, IL 60563
- Dr Bernard Rimbaud, PhD, ARI, 4182 Adams Avenue, San Diego, CA 92116

About the Author:

Simon Best, MA, is a UK-based medical journalist and co-author of *Electromagnetic Man: Health and Hazard in the Electrical Environment* (Dent, London, 1989; St Martins Press, NY, 1989). He is also Editor of the *Electromagnetic Hazard & Therapy* news report, a newsletter which investigates EM fields, their health hazards and their positive applications in areas such as electrotherapy and magnetotherapy.

Simon's article, "Mobile Phones: Time to Take Precautions", was published in NEXUS 8/01.

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and drugs, and she starts supporting Bill Clinton.

Now the interesting thing that my investigations have revealed is that one of the people who helped negotiate the smoking-gun memorandum was a guy on the Attorney-General's staff named Ken Starr. That's the guy who was prosecuting Clinton! Clinton was blackmailing the Republicans. Both sides played the same game, and Clinton basically says: "You wanna take me down? I'll bring the whole government down!"

I had six hits on my website on February 11, 1999, when the Senate was doing the trial of Bill Clinton. They were reading my stories on the impeachment, and that's when the whole story caved in.

What would you say to young people now? Do we have to be guerrillas? Once we get what you're saying, what should we do?

Follow the money. Understand how money works. If you have a sense in some part of your body, some part of your soul, that something's not right, you're probably

right. Something isn't right. I grew up in the '50s and '60s and, you know, one of the things was to question authority. Question authority. Do not accept the mind control that's being fed to you; just don't do it!

With Colombia, explain how that war is being constructed and how it is being played out in the press?

Let's work on the structure of the war in Colombia first. I think that's far more important to understand why Colombia is like Vietnam. There are so many similarities between Colombia and Vietnam. First of all, Colombia will be a regional conflict like Vietnam was. The Vietnam War was not just Vietnam; it was North Vietnam, South Vietnam, Cambodia, Laos, Thailand, Guam, China, the whole surrounding region. And the Colombian conflict will be Colombia, Venezuela, Peru, Bolivia, Ecuador, Panama, maybe even Mexico, Puerto Rico certainly. We've admitted that we are going to stage for invasion or for intervention in Puerto Rico when we go in. Marines are now training and they've been landing on Colombian beaches. You haven't been hearing that.

One of the reasons why Colombia is like Vietnam is because we already have about 300 Special Forces Green Beret advisers on the ground, training Colombian troops, but we have maybe 500 to 1,000 former—and I use that term real loosely—CIA Special Forces personnel who have supposedly retired from the military and are now working for two corporations: Dyncorp and MPRI. And they're in Colombia as "civilian advisers" but they're going out on combat missions. They're flying airplanes, they're shooting, they're being shot. We've had Army personnel shot down already. About a year ago we had an Army plane shot down by a SAM [surface-to-air missile].

We have major investment corporations like Nicholas Brady's Darby Investments. Nicholas Brady was George Bush's Secretary of the Treasury. He has just opened a billion-dollar investment partnership with a group called Corfinsura, based in Medellín, Colombia, to build roads and dams. And it's like what we saw in Vietnam with major companies like Brown & Root going in to build Cam Ranh Bay, making billions of dollars in profit.

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So we're going in to suck out. You see, for twenty or thirty years now, the drug money has been building up in Colombia. There's trillions of dollars in equity that's accumulated and it's become a threat to Wall Street's control, so we have to go down and blow the country up to take the money back to make sure it doesn't become powerful. Venezuela is not going along with this, like Cambodia would not go along with the Vietnam War and Laos wouldn't either. President Hugo Chavez is denying overflight to American planes, so we're gonna sabotage the Venezuelan economy! This is going to suck us into a hemispheric conflict just like Vietnam.

This is the difference. With Vietnam, we were told we were going in to fight the evil Communists. Well, we don't have any more Communist bogeymen. I mean, China is there but it's not really a military threat unless you're on the far right and totally needing lithium. But what we see is that we're being told that we're going to fight the evil drug lords. Well, the American Press even now is having trouble selling that to the American people. And

even now, in the first or second week in September of 2000, we're starting to have body counts turn up in the news. It's just like Vietnam, but the Press is having a real hard time dealing with it. This is the sign of the end of the road for this system. It's starting to crumble right now.

But they are reporting this like Vietnam. And I will never forget the coverage from Vietnam exactly the way it played out, because these were my high school classmates that were dying. And it's sounding very similar right now.

Last question. What is the power of money? At the end of the day, drugs means money. Talk a bit about that and what it does to policemen, or to law and order?

Well, I think it's the whole system. Most rank-and-file policemen on the street are not what I would call innovative free-thinkers. They aren't the kind of guys who would see an opportunity to go illegal and just kind of do that on their own initiative. They have to see or sense that it's going on in a climate that allows them to get away with it. So we see the corruption working throughout society. When drug money is

going directly into Wall Street—well, why not, you know, if you're a cop...

About the Interviewer:

Guerrilla News Network (GNN) interviewed Mike Ruppert at the CIA-Drugs Symposium II in Los Angeles on September 23, 2000. GNN is an underground news organisation based in New York City, with production facilities in Berkeley, California. Its mission is "to expose people to important global issues through guerrilla programming on the web and on television". Visit GNN's website at www.guerrillanews.com.

About the Interviewee:

Michael C. Ruppert, former LAPD officer, is Editor/Publisher of *From The Wilderness* newsletter. His article, "The Bush-Cheney Drug Empire", was published in NEXUS 8/02. He can be contacted at: PO Box 6061-350, Sherman Oaks, CA 91413, USA, tel +1 (818) 788 8791, fax +1 (818) 981 2847, email mruppert@copvcia.com. Visit his website at www.copvcia.com.