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NEXUS

NEW TIMES • Vol 2, N° 7

APRIL - MAY 1992

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NEXUS

New Times

Volume 2, Number 7

April - May 1992

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See Coupon on page 72

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STATEMENT OF PURPOSE

Nexus recognises that humanity is under-going 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 organisation.

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EDITORIAL

At last the magazine is finished, and boy what an episode this issue was. First, I want you all to appreciate that this issue is actually out on time for a change! This is despite the flooding and subsequent move of house and office (note new phone and fax numbers only) and associated running around.

Once again I would like to thank everyone involved with this issue, from the writers to the helpers, to the advertisers and the readers. Thanks to you all, Nexus is now on sale across New Zealand (hello all you Kiwis), and we are now sending quite a lot to America too. The demand for the information in Nexus seems to get stronger each issue.

Speaking of issues, this one has a couple of great articles. Pity the photos in the Subliminal Advertising article were not able to be reproduced in colour, because you would be able to discern the relevant images more clearly.

Apart from the move and the floods, we have had a few visitors of late (not that I associate visitors with disasters). Among these was a friend of mine, recently re-elected to the ACT Legislative Assembly (much to the annoyance of the major political parties).

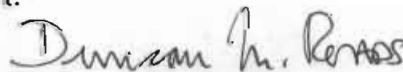
He also stands up for the truth, and as a result is often targeted for slander and "character assassination". Despite all the attacks he maintains a charmingly positive mental attitude, and basically operates on the premise that politicians are elected by the people, to represent the WILL of the people. You can appreciate his colleagues in Parliament do not appreciate being reminded that they are supposed to serve the people, not the other way around as it has become. In fact his 'colleagues' are REALLY annoyed that he was re-elected, so watch for some more flak.

The reason I bring this up in the editorial, is not just to give a free plug and congratulate Dennis Stevenson, but to point out the relationship between taking responsibility for our lives on a personal level and on a national level.

What I am saying is that we the people, do not take responsibility for who we vote in. We should vote in candidates who desire to represent the will of the people in each electorate, and if they do not do what we ask, get rid of them. But more often than not we are only too happy to whinge about the mess the government has gotten us into. Correct, it is a mess, but we voted in the mugs who let it get messed up didn't we. I wonder how much worse things will get before we, the people, decide enough is enough!

Anyway, enough editorialising for now, I hope you enjoy this issue of Nexus enough to subscribe and tell your friends about it.

Thank you for your support.



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Letters to the editor...

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

RE: SUBLIMINAL WARFARE

Dear Sir,
I must admit that I read the article "Subliminal Warfare" (Vol.2 #6) with considerable reservation and skepticism, not because I think it is impossible but because I never attributed ELF Magnetic Fields as being capable of mood manipulation. However, I confess that my doubts were removed on reading in *Popular Science* magazine (Dec 1991), a feature article questioning the possibility whether "EMFs Cause Cancer?" The proof uncovered so far is convincing - so if EMFs can cause cancer, surely it can control minds. If there are any non-believers still out there, I suggest they read the forementioned article and then re-read "Subliminal Warfare". You maybe surprised by the similarities you will find. Yours faithfully, - a believer - U. Chand. Brisbane Qld.

RE: LINK UP SERVICE

Dear Duncan,
I enjoy reading your magazine tremendously. Is it by any chance possible to have a special "Link Up" service in your magazine as in the the NSW Southern Crossings Magazine? This is not a dating service, but enables readers to connect up with like-minded "searchers" in their areas to communicate either by letter, phone or get-togethers. I am an Aries (3/4/51) who would love friends with similar interests who also seeks to understand the meaning of life's experiences and help me explore this exciting new world. Please give me some feed back. Regards.

Margot, Golden Beach. Qld.
(Dear Margo, I am happy to provide such a service via Nexus as long as there is enough demand for it. So readers, what do you think?)

RE: CONTENTS REQUEST
Dear Duncan,
Hello. Enclosed is a request for a back issue of Nexus, being issue #2, and a money order for \$5.00.

Sorry, but I can't subscribe at the moment (as much as I enjoy reading Nexus) as I'm just a poor 'doley' and I can't afford it. ha ha. Nexus is still really great, but if I may, I have one tiny criticism (constructive of course): The stories are good quality, however I think the content is less mystical and 'hippy' than it was before. How about venturing more into Wicca, Shamanism and the Occult. You dig? I loved the "Venturing into Nature" Stories. No offence man; I'm only expressing what I think folks who read Nexus would be interested in. Well thanxs for your attention. Bye. I'd love a reply to see what you reckon. Warmest wishes.

Kathryn M.
(Dear Kathryn, Thank you for your order and letter. When I took over the magazine we did a survey to determine what people were most keen on reading Nexus for. The results were highly in favour of suppressed information on science, technology, suppressed news, UFOs and the unexplained. I decided to cut loose the "hippy" market for two reasons. 1: There are heaps of magazines and newsletters covering health, occult, new age, environmental and similar issues, but none covering suppressed news and info; and 2: If I did cater to the hippy market I would go broke!)

RE: UNDERGROUND "FACILITIES"

Dear Duncan,
A friend of mine who also received in the mail the material that I am passing on to you, rang me in a state of excitement last Saturday to tell me that some months ago he was with a group of people, most of whom he didn't know, when the conversation got around to the state of the nation, (as it often does nowadays), and speculation regarding the future etc. He said the conversation then drifted into secret facilities, such as Pine Gap, North West Cape etc, when one of the people he didn't know

said that a relative of his had been working for some years on a very large facility "way out the back of nowhere, miles from any town". The relative did not have any idea as to its purpose. He said it was a very large complex and surrounded by very high walls, and as the place was riddled with gas pipes he thought it must be for experimenting on some secret fuel or whatever. My friend thinks he said it was in western NSW. The workmen were paid huge salaries and were sworn to secrecy. My friend would not be surprised that this is to become Australia's "Auschwitz". Would you post an "Information Wanted" piece in Nexus regarding this 'facility'? Norman. Nambour, Qld.
(Dear Norm, I am as interested as you are in this. I have received numerous other rumours which maybe other people can clarify, such as a huge underground base at The Stockman's Hall of Fame at Longreach, Qld; an underground tunnel connecting the Cape York Space Station to the Ocean for submarine access; a huge underground complex under the Blue Mountains, running to the Burrigalong Valley and the Warragamba Dam, and much more. Anyone out there throw light on these or other rumoured 'facilities'?)

RE: EARTH GRIDS AND AGRICULTURE

Dear Duncan,
Congratulations on bringing Bruce Cathie and Stan Deyo together in Brisbane - we certainly hope to be there. Last year we put up our first, 1/2 size "Cathie" aerial/grid system in the garden, and have it full of test crops at present. At 6 weeks into the experiment, all is really growing well, especially underground crops! (See his diagrams on pages 156-159 of "Harmonic 695"). Our Sweet Corn passed 12 feet with 12" cobs.. We have been trying to locate Bruce Cathie for a number of years, and would be

delighted if you could pass on his address, so we can give him some direct feedback re: crop boosting and crop protection.

R. Martin, Northern Light Farm, Ravenshoe. Qld.
(Bruce Cathie's address is published in his books, as: Quark Enterprises, 158 Shaw Rd, Oratia, Auckland. NZ. Ed)

RE: FLUORIDE REGISTER
Dear Duncan,
The National Health & Medical Research Council (NH&MRC) has dismissed claims that certain individuals are allergic to sodium fluoride. Some react from drinking artificially fluoridated water (or products containing such) tablets, gel treatments or fluoride toothpaste. Because water-based products and dried products such as infant formula do not have the presence of NaF declared on the labels, some people may be aware of an allergic reaction but may not be sure of the source. This situation is in contradiction to laws requiring ingredients and food additives to be declared. Certain people have ceased using products with NaF and found their symptoms to quickly disappear; thus proving the source of the allergy. Others were diagnosed as being allergic to NaF by a doctor, or naturopath. Because these cases have been recorded in a rather ad hoc way, or not recorded at all, we feel the need for each state in Australia to compile a central register of victims.

We will record NSW cases on our computer. The address is 182 Lake Road, Port Macquarie, NSW 2444. Professionals honouring patients confidentiality could merely give initials, town and details of problem. Individuals may indicate whether or not their names can be passed on to the Health Minister, NHMRC or merely recorded on the register. Anyone with names of other colleagues able to assist? Thank you for your time. D & T Mackay, Port Macquarie.

EARTH'S MAGNETIC FIELD REVERSALS

As you probably know, every few hundred thousand years, the direction of the magnetic field of the Earth reverses itself.

Everyone assumed until now, that this strange phenomenon happened gradually.

But a team of geophysicists from France and the USA has found evidence that reversals maybe much more sudden.

So sudden in fact that you may even be able to watch a compass needle move when it occurs.

An unusual property of volcanic lava makes it possible to track past magnetic reversals. As molten lava cools, it remains magnetised in the prevailing direction of the magnetic field at the time it solidified.

The team discovered two lava flows from Steens Mountain in Oregon, USA which revealed opposite magnetic field directions. By calculating the cooling rate of the two flows, they were able to show that a field reversal had occurred in a very short period of time.

(Source: New Scientist 25 Jan '92)

PROJECT CENSORED - 1991

Project Censored, a national media research effort now in its 16th year, locates stories about significant issues which are not widely publicized by the national news media.

Following are the top ten under-reported stories of 1991, from the USA:

1. UNCENSORED IRAQ COVERAGE SPIKED BY NETWORKS.

CBS and NBC rejected professional videotape footage taken at the height of the airwar in Iraq by two Emmy-award-winning documentary producers. The footage substantially contradicted U.S. administration claims that civilian



damage from the American-led bombing campaign was light.

2. OPERATION CENSORED WAR.

The Gulf War set new, questionable standards for wartime secrecy. Many important stories, which the public had a right to know, are still not being reported by the major media. It took a freelance journalist, posing as a mortician, to get a more accurate estimate of battlefield casualties from the Dover AFB mortuary, the only one handling Desert Storm casualties.

3. VODOO ECONOMICS.

The media failed to explain how bad the national deficit was and why the economy went into a tailspin in 1991. The interest alone on the federal debt will be the nation's single largest expenditure this year, exceeding even the military budget.

4. THE \$250 BILLION POLITICAL COVER-UP.

An hour-long television documentary, produced by PBS Frontline and the San Francisco-based Center for Investigative Reporting, revealed the truth about the extent of the savings and loan scandal and how it was covered-up so that it would not threaten George Bush's candidacy in 1988.

5. DOD'S UNTOLD SCANDAL.

A Justice Department investigation into possible fraud and bribery in securing defense contracts could equal or exceed the "Teapot Dome" scandal or the publication of the Pentagon Papers in its scope but we may never know. Search warrants and affidavits that contain transcripts of wiretapped conversations of employees with a major defense contractor have now been sealed by court order.

6. NO IRAQI THREAT TO SAUDI ARABIA?

Satellite photos of Iraq and Kuwait on September 11, 1990, revealed no evidence of a massive Iraqi army threat to Saudi Arabia as cited by President George Bush that same day in his efforts to rally public support for the Gulf War.

7. FOIA IS AN OXYMORON.

The erosion, and possible obsolescence, of the Freedom of Information Act over the past ten years coincides with a new and particularly hostile attitude towards the public's right to know which has characterized the Reagan-Bush administration.

8. CORPORATE AMERICA'S ANTI-ENVIRONMENTAL CAMPAIGN.

Recent corporate anti-environmental innovations include multi-million dollar SLAPP suits, the harassment and surveillance of activists, the infiltration of environmental groups by "agent provocateurs," and the creation of dummy ecology groups to locate whistle blowers.

9. THE INSLAW SOFTWARE THEFT.

In a little-publicized but potentially explosive legal battle, the Inslaw Corporation charges that the U.S. Department of Justice robbed it of its case-management and criminal-tracking

software program, conspired to send the company into bankruptcy, and then initiated a cover-up.

10. THE BUSH FAMILY'S CONFLICTS OF INTEREST.

In recent history, no president has had the blatant but unexplored familial conflicts of interest comparable to that of George Bush. These include his brother, Prescott, a financial consultant with influential contacts in Japan, South Korea, and the Philippines; his sons: Neil, a former director of Silverado Savings and Loan whose failure cost taxpayers about \$1 billion; Jeb, a Miami real estate developer with questionable ties to a drug trafficker; and George W., a director and consultant to Harken Energy Corporation which has a lucrative oil-production agreement with Bahrain, a tiny island off the coast of Saudi Arabia.

THE OTHER 15 "CENSORED" STORIES

The other 15 under-reported stories of 1991 were: (1) The Strange Death of Danny Casolaro; (2) Dan Quayle: Lobbyist for Big Business; (3) FinCEN: A Threat to Privacy and Property; (4) The Failure of Congressional Oversight; (5) The Untold October Surprise Story; (6) The Specter of Environmental Racism; (7) Inside Bohemian Grove: The Story People Magazine Censored; (8) Federal Seizure Laws: Making Crime Pay; (9) The Rejected Syrian Hostage Offer; (10) Judicial Manipulation of the Agent Orange Case; (11) EPA Fails to Pursue Fraud and Abuse; (12) Public Health Service Takes a New Look at the Fluoridation Issue; (13) Congressional Intelligence Oversight Law is Meaningless; (14) The Canned Hunt: Killing Captive Animals for Sport; (15) Toxic PCB Contamination Above the Arctic Circle.

PENTAGON TO KEEP GENETIC RECORD OF U.S. SERVICEMEN

Maybe this is a sign of the times, when bodies on the battlefield are becoming so hard to recognise that the army has to use genetic records to identify who is who from the remains. The *New York Times* says the Pentagon would obtain DeoxyriboNucleic Acid (DNA) samples from servicemen's blood and store them in a repository. For those who did not already know, every cell in a human body contains the total genetic 'blueprint' for the entire human body. This means that one only needs a hair, drop of blood, bone fragment to be able to identify the person to whom it belongs.

"ATLANTIS" OF THE SANDS DISCOVERED IN THE MIDDLE EAST.

The lost city of Ubar would appear to have been found, thanks to scans from the space shuttle.

Ubar was apparently built some 5,000 years ago, and was a thriving trading capital for highly valuable resin. According to Islamic legend, its rulers became wealthy and wicked, so wicked

that God allowed the city to be swallowed up by the desert.

Ubar was located in what is now Oman, in an area known as the Empty Quarter because it is so barren.

The archaeologists engaged the help of NASA scientists, who used a radar device on the last successful mission of the shuttle Challenger to pick out the features of the geology beneath the desert sands. Using this technique, they located ancient trade routes, which were packed down into a hard surface by the passage of many camels. Once an area where the trade routes converged was identified, researchers on land were able to begin excavations.

"After four days of digging, it was clear we had hit pay dirt," George Hedges, and organiser of the expedition told the *The New York Times*..

(Source: UPI, Feb 5th 1992, via MufoNet New Wire)

CO₂ EMISSIONS DROP WORLDWIDE DESPITE OIL FIRES

According to the Worldwatch Institute, a Washington based environmental organization, global emissions of carbon dioxide dropped in



... GLOBAL NEWS ...

1990 and appear to be declining this year (1991).

Worldwatch attributed the drop primarily to the collapse of economies in Eastern Europe and the Soviet Union, which rely heavily on coal.

(Source: *Public Power Weekly*, a weekly publication from the American Public Power Association, December 16th 1991. Accessed via Pegasus Networks, Byron Bay)

GLOBAL WARMING TO INCREASE ICE CAPS?

According to Dr Gifford Miller, of the University of Colorado, and Dr. Anne de Vernal of Quebec at Montreal, if global warming proceeds as forecast, it could cause the northern hemisphere's ice sheets to expand, much as they did at the beginning of the last ice age.

Their study concluded that in the past, warmer seas caused more water to evaporate, producing the moisture for increased precipitation in winter. It would have fallen as snow and compressed into ice which accumulated and advanced southward.

Source: "Will Green House Warming Lead to Northern Hemisphere Ice-Sheet Growth?", *NATURE*, 16th January 1992, pages 244-246)

FAKE NEWS FROM PR COMPANIES

"FAKE NEWS, A SPECIAL REPORT: WHAT WE SEE ISN'T ALWAYS NEWS - ITS PUBLIC RELATIONS" is the title of TV Guide's February 22-28 1992 (US) cover story.

This is a surprisingly hard-hitting exposé of how TV newsrooms use the "Video News Release" (VNR) in their news programmes. Examples show how companies, foreign countries, and candidates, get practically free advertising. Their PR people create VNRs, distribute them to 700-plus local TV outlets, where resource strained organisations incorporate the material into newscast. *TV Guide* deplore the common practice of TV outlets using VNRs without identifying the source.

Included is an excellent sidebar, "Portions of the GULF WAR were brought to you by ... the folks at Hill & Knowlton." A shocking revelation: "... the PR firm's operatives were given free rein to travel unescorted throughout Saudi Arabia, while journalists were severely restricted."

The editors of *TV Guide* made a strong statement: "Recommended: When a TV news organisation includes film or tape prepared by an outside source in a broadcast, the label 'VIDEO SUPPLIED BY [COMPANY OR GROUP NAME]' should

be visible for as long as the material is on-screen."

(Source: *David Leiber*man, *TV Guide*, USA)

YET MORE ON THE GULF WAR

The people's mood in America and overseas is changing about the Gulf War, but down under in little old "media controlled" Australia, we just concentrate on the same old news on every TV station (except SBS), every radio station, and every newspaper.

The anniversary of the Gulf War has brought with it revelations about the myth of a surgical, video game war.

The Patriot anti-missile shot down NO Scud missiles! Only 6% of the bombs were "smart". In fact, one third of the bombs dropped on Iraqi targets DID NOT EXPLODE at all, causing some 1400 people to date to be killed in explosions of unexploded weapons in Kuwait alone!

The deliberate allied bombing of 95 hospitals and health centres, 686 schools, 25 electrical installations, 8 major dams that provided power and irrigation, sanitation plants, factories, roads, bridges, food treatment plants, sewage treatment plants, and populated civilian areas has been exposed in recent investigations.

Some estimates put the number of deaths during the war as high as 300,000!

Since the war, nearly 100,000 civilians have died due to lack of food, clean water, and improper sanitation resulting from the bombing campaign.

On February 22nd, the Pentagon released a report admitting U.S. bombs and rockets destroyed Iraq's electric, water and sewage systems, seriously damaging civilian life. The Pentagon now merely insist the death and destruction was "an error, a result of poor communication".

PETER SAWYER, THE BILL OF RIGHTS, & AUSTRALIA'S NEW DICTATOR?

On Friday, January 10th, Peter Sawyer, editor of *Inside News*, put to air on the "Inside Hotline" [0055 63307] a story about the Governor General, Bill Hayden, approving a totally illegal, totally seditious "Bill of Rights", officially known as The



... GLOBAL NEWS ...

First Optional Protocol to the International Covenant on Civil and Political Rights (ICCPR). This is a United Nations inspired 'treaty', otherwise known as, and promoted by the UN as, "a universal declaration of human rights". This "Protocol" was designed to come into effect on Christmas Day 1991, conveniently placed so as to avoid public or government debate maybe?

After putting the story to air, Peter sat down and telephoned just eight people, to let them know the hotline had been updated. (This was done because the service had not been updated for some time, and obviously interest would have dropped off). He also asked that those people with fax machines let others know via that medium, and to fax him if they wanted more information.

The result was stupendous. It created uproar. By Monday there were so many incoming calls to the Inside Hotline [0055 63307], that the 0055 leasing service computer was jammed. (This computer can handle 300 simultaneous incoming calls!) Between 1pm Monday afternoon and 6am Wednesday morning, over 14,000 people had called and listened to the message, and politicians all over the country were being called for explanations. He received over a quarter of a kilometre of faxed requests for more information!

The story created a furor. First came a denial that any such document had been signed. Then an admission that it had been signed, but that it did not mean what Peter Sawyer claimed. It became quite obvious that most of our elected representatives did not know about the "Bill", what it meant, or even (like the Attorney General below) were confused about Australia's constitutional makeup.

The predictable lies and defamatory remarks about Peter Sawyer got quickly published by cheap journalists who also did not bother to check anything beforehand.

Then on top of all this, that very same "Bill of Rights" which our politicians said was not applicable to anything inside Australia, was used to squash a proposed legislative change by the Western Australian government to deal with juvenile offenders.

(Refer to the front page of *The Australian*, Jan 22nd 1992).

This article implies that, not only was Peter Sawyer correct in his allegations, but that the Human Rights Commissioner, an unelected bureaucrat, has the power to override the will of the Australian people, as expressed by their duly elected representatives!

A Christmas present from the New World Order perhaps?

(*Inside News* is available for \$30.00 for six issues [pensioners \$25.00] from PO Box 311, Maleny Qld 4552. Australia)

WHAT IS THE BILL OF RIGHTS?

Many readers would have no doubt by now that something happened early this year which involved something called "A Bill of Right".

A Bill of Rights is a set of rules, imposed on the Crown and on the Parliament, as laid down in law by the people. It is put in force to control the way in which police, military and public servants are used against the people. A Bill of Rights can also be used to overturn oppressive laws, unjust taxes, undue political force and seizure of property.

Under our present laws, politicians DO NOT present us with a Bill of Rights and then advise us that we have now got it. WE

tell them what standards of behaviour WE require of them.

Australia has a Bill of Rights, plus the Magna Carta, which is also a Bill of Rights. These documents are in force "forever" and "hence forth". They cannot be rewritten or repealed by the Queen or the Governor General, or by the Parliament. They can only be replaced if we, the people, vote at a Referendum to do so.

What follows is an extract from a letter from Gary Johns MP, Federal Member for Petrie, dated 20th November '91, addressed to Mr P. Hunter of Albany Creek, Qld.

"I have sought advice in this matter from the office of the Attorney General who advises that the 1688 Bill of Rights has never been applicable to Australia and is not part of our constitution. Nor can it be made binding under any Westminster System of Government."

For any Attorney General to assert that the Bill of Rights has never been applicable is either madness or is part of a hidden agenda to rework Australia's constitutional framework by the major political parties.

If the Bill of Rights (1688) is not part of our law then neither are the other Acts and Bills listed in The Imperial Applications Act (see list below). I would love to know what your local "pollie" has to say about this!

4 Imperial Acts Application Act, 1984, No. 70

FIRST SCHEDULE IMPERIAL ENACTMENTS CONTINUED IN FORCE

[s. 5]

Citation	Short title and enactment
(1297) 25 Edward I c. 29	Magna Carta
(1640) 16 Charles I c. 10	The Habeas Corpus Act, 1640, s. 6
(1679) 31 Charles II c. 2	The Habeas Corpus Act, 1679, ss. 1-8, 11, 15-19
(1688) 1 William & Mary Sess. 2 c. 2	The Bill of Rights
(1698) 11 William III c. 7	The Piracy Act, 1698
(1700) 12 & 13 William III c. 2	The Act of Settlement
(1702) 1 Anne c. 2	The Demise of Crown Act, 1702, s. 4
(1702) 1 Anne St. 2 c. 21	The Treason Act, 1702, s. 3
(1707) 6 Anne c. 41	The Succession to Crown Act, 1707, s. 9
(1750) 24 George II c. 23	The Calendar (New Style) Act, 1750
(1772) 12 George III c. 11	The Royal Marriages Act, 1772 ss. 1 and 2
(1816) 56 George III c. 100	The Habeas Corpus Act, 1816

SUBLIMINAL SEDUCTION

This article was extracted from an article which appeared during the mid-seventies in a magazine called "Heart". There was no author indicated, and the magazine is now believed to be out of print.

Selling products to the subconscious mind.

Warning: You may be
subconsciously manipulated
by the advertisements
reproduced in this article!

In less time than it took you to read these words, you perceived at least two subliminal messages in this article. In fact, it happened so fast that these subliminal messages could have entered your subconscious mind, even if you had merely glanced at them while idly thumbing through this magazine. They may have already secretly determined your future behaviour.

This is not the first time that you have unconsciously perceived subliminal messages that could change your behaviour. It's happened to you before - thousands, perhaps millions of times.

You are not alone. It has happened to virtually everyone who watches television, reads a popular magazine, takes in a movie, goes shopping in a major department or food store, sees a political poster or brochure, listens to the radio, rock'n'roll, or background music, handles money or sees a billboard. In short, virtually everyone in the western world who isn't the most dedicated of hermits - is inundated by subliminals.

Few have even the slightest inkling that someone is communicating directly with the unconscious part of their being or shy it's being done, much less what they can do to protect themselves against it - or even why they should protect themselves.

Subliminal communication consists of presenting a stimulus - usually auditory or visual, but they can be gustatory, tactile, or olfactory (taste,

touch, smell) - that is not perceived consciously or liminally, but rather *subconsciously* or *subliminally*. What we deal with consciously we are likely to critique, analyze, or consider in a rational or logical manner. What bypasses the conscious mind on its way into the subconscious we are much more likely to deal with in an uncritical fashion - and thereby carry out the instructions or suggestions subliminally communicated to us.

Dr. N.F. Dixon, a British psychologist, author of *Subliminal Perception* (which according to one ad agency president is their "operational bible"), wrote: "It may be impossible to resist instructions which are not consciously experienced. There would seem to be a close parallel between these phenomena and those associated with, on the one hand, posthypnotic suggestion and, on the other, neurotic compulsive responses."

Practically applied, subliminal communication can be very useful to anyone who wanted to secretly manipulate the behavior of another. When it's used to seduce you into unconsciously buying, consuming, subscribing, attending, voting for the "right" candidate, remaining loyal to your brand of cigarettes or true to your favorite Scotch whiskey, it's called subliminal seduction."

Dr. Wilson Bryan Key, a psychologist with extensive experience in communications and advertising research, has published three popular books on subliminal manipulation: *Subliminal Seduction*, *Media Sexploitation*, and *The Clam-Plate Orgy*.

In most instances, the manufacturers are totally unaware that subliminal advertising is being used to sell their products. In fact, many employed by the advertising industry are similarly unaware. But while the ad industry claims they are guiltless - whiter than white - it appears that *some* in their ranks are blacker than black. Judge for yourself.

Study the Kanon advert for a moment (next page)... According to Dr. Key's students, this ad appeared in so-called men's magazines, such as *Penthouse* and *Playboy*. How does it make you feel?

Using a one way mirror, Dr. Key found that as people thumbed through a magazine containing this ad, each potential customer was exposed to it for about one to two seconds. About one in ten stopped to read the copy. After all, how much is there to see?

In the lower left-hand quadrant of this ad, we see an upturned left hand holding a bottle of Kanon cologne. In the upper right, we see the right hand holding a knife.

This is an awfully nice picture of a hand holding a bottle of cologne. But how will that alone sell the product? Particularly since most of the millions of readers who saw it will not recall it, nor will they give it more than a glance. Yet the agency who handled the account, in all likelihood, tested its reliability and determined its sales capability before inserting it in high-circulation men's magazines that cost a great deal of money for advertising space.

According to Dr. Key, at the time this ad appeared, it would have cost about \$55,000 to run it one time in a magazine like *Playboy*. The artwork alone probably cost \$5,000 to \$8,000-. Why would the admen be so confident that a photo of a hand holding a bottle would work? No promises, no coupons to send in, no suggestion of the immediate materialisation of beautiful women (if only you use it!).

Alcohol product manufacturers plow about 6% of their gross receipts back into advertising. Based on industry norms, this ad would have had to sell about 1.2 million dollars worth of cologne just to break even. And everyone knows that the nice people who make Kanon cologne are in business to



make a profit.

If the bright young men of Madison Avenue couldn't do better than create an ad that breaks even, they would soon be gainfully employed as night watchmen and there would be a new agency selling Kanon cologne. Dr. Key estimates that one insertion of this ad in one of the big men's magazines probably sold about 3 to 5 million dollars' worth of cologne - not bad for a picture of a hand holding a bottle that did its work in a one-to-two second exposure and then was promptly forgotten *consciously*. But not *subconsciously* - a fact that no agency could overlook.

What made this ad sell Kanon cologne?

Almost everyone has seen perceptual illusions like the one shown in figure 1. They were first described in 1910 by Dr. E. Rubin, a Danish psychologist. In this case, the profiles form a vase - or the outline of the vase forms two profiles, depending on which way you see it.

In Gestalt terminology, this is called a figure-ground reversal. The mind can flip-flop effortlessly from one image to the other. Very few people can see both images simultaneously. This kind of perceptual effect can be used to convey subliminal information.

This ad uses a perceptual illusion similar to the "Rubin's profiles." In this case, it's a *syncretistic*, or two-sided image. One way of looking at it, it's merely a hand. But look at the hand, then look at your own hand at the same angle (or anyone else's, if you can) and see if the picture and a real hand look the same. And then you begin to find out why a picture of a hand holding a bottle costs so much money.

Notice the thumbnail on the far left of the picture wrapped around the cork on top of the Kanon bottle. It is anatomically impossible for the thumbnail to be where it is in relation to the thumb knuckle. Similarly, it's impossible for the thumb, the thumbnail, the bottle, the upper right hand, and the knife to be photographed in a straight shot. They were photographed separately, pasted together, and then retouched with an airbrush - a good deal of expensive work just for a picture of a hand and a bottle.

Study the area where the base of the thumb meets the wrist in the lower, left-hand quadrant of the ad. Notice the two rather bulbous areas at the base of the hand which happen to resemble testicles. The rigid thumb resembles a semi-erect penis.

What you are looking at is a two sided illusion, which is a hand on one side and a male genital on the other. It is interesting to note that the underside of a wrist does not have that much hair on the skin.

Now you might be thinking, "OK, so they put a male genital in the picture ... if you want to see it that way. So what? How does that influence sales, even if it is repressed in the subconscious?"

To answer that, let's examine what else is in the picture and ask a few questions like, "What is a picture of an erect penis doing in a men's magazine?"

Dr. Key explains, "The symbolism is predictable repressible, in view of readers' macho self-fantasies. The over macho image is often considered a camouflage for a more ambiguous, covert sexuality, and a large amount of psychoanalytic theory suggests the illusion's appeal is directed at latent homosexual tendencies - which all men presumably share in some measure.

"The ad is clearly not directed at *overt* male homosexuals ... As yet, there are not enough homosexuals to justify sizable magazine marketing investments. This maybe changing in America, however, in response to such manipulations of the human unconscious," which could increase the number of homosexuals.

Dr. Key also points out that the hand-genital symbolism could allude to masturbation. Or the content could suggest that it will help the reader achieve a large, erect penis.

While these factors alone might be enough to activate someone's perceptual defenses, there is much more. Consider the knife. It's about to slip. The artist has activated a fairly universal male fear of castration. And if you look in the lower, right-hand quadrant of the ad, just below the bottle, you will see the head of a dog with an awl through it.

Dr. Key isn't sure why a dead dog sells cologne. Animals, while frequently used in women's hygiene products, are seldom used in ads aimed at men. But, as Dr. Key points out, "If it didn't sell the product, they wouldn't use it." In one to two seconds, this ad is hardly memorable *consciously*. At subconscious levels, it's unforgettable.

Men's magazines have millions of readers. This Kanon ad (and a multitude like it) is probably still sloshing around in the readers' subconscious, influencing their behavior.

Let's find out more about how subliminals work. Look at the Jantzen bathing suit ad. There is nothing especially unique about this ad. Or is there?

Examine the details critically. As Anton Ehrenzweig wrote in *The Hidden Order of Art*, "Superficially insignificant or accidental looking detail [in art] may well carry the most important unconscious symbolism." And as political scientist Wyndham Lewis pointed out in *The Art of Being Ruled*, "To ignore your environment is eventually to find yourself a slave to it."

This ad appeared in the Canadian edition of *Reader's Digest* in April of 1972. It's a patriotic ad of sorts. The two models are wearing swimsuits patterned after the Union Jack and the red maple leaf - Canada's national emblem.

According to Dr. Key, "At the unconscious level, every minute detail in a photograph is recorded instantly within the brain." Conscious perception seems to work more slowly. But if the designer has done his job properly, the eye will cover most of the detail in a second or two. Like the Kanon ad and virtually every other major ad, this one is designed to do its work in a matter of a second or two.

The eye's fovea - an area smaller than a pinhead located near the centre of the retina, which appears to be the major source of consciously perceived visual information - jumps from place to place in involuntary movements called "saccades." Less than 1/1,000 of the visual fields is in sharp focus at any given time. Not even 10% of the total visual content of a typical ad would be perceived in a normal viewing. Yet all the information and its meaning are recorded instantaneously at subconscious levels.

Considering the nature of perceptual defenses, it is almost certain that some critical details would be suppressed by most people - those details which don't seem to make sense. Take, for example, the female model's

The Short Copy Ad.

A picture is worth a thousand words. In this case, it may be worth more (see previous page). At the conscious level, the picture shows one hand (on the lower left) holding a bottle and the other hand (in the upper right) ready to shave off part of the wooden bottle top. There is another side to this syncretistic (two-sided) image, but it's predictably repressed: a male genital (formed by the left hand) about to be castrated by the knife hand held in the right hand. This ad exploits castration and rejection fears. By the way, see the dog in the lower right, just below the bottle? Why did they put an awl through his head?

Figure-Ground Reversals.

Two faces, a vase - or both? (fig 1) This figure-ground reversal can be seen either way. The mind flips back and forth, viewing one image or the other. Few people can see both simultaneously.

Death Sells.

Airbrush-created ice cubes in the Johnnie Walker ad (fig. 2) have monsters, skulls, and other gruesome sights. The subliminal appeal of this ad is so strong, they don't even bother to show the product.

Case of the Missing Person.

How many people do you see in the Jantzen ad? (fig. 3) Two? There's really three. The third is a woman, just off camera, with her hand on the hip of the female model shown in the picture. This subliminally suggests a "ménage à trois." She's wearing his trunks (with a zipper) and he's wearing hers - a sex role reversal. PS: Can you find the face hidden in this ad?

It's the Ritz.

Sex embedded in your Ritz crackers. (fig. 4)

The Old Bat.

When the advertisers for Yago Sant'gria (fig. 5) concealed a vampire bat - almost no one saw it. But the old bat probably sold a lot of wine.

Take Advantage of a Softie.

Parkay margarine's "least memorable" ad (fig. 6) exploits a housewife's subconscious fears of losing her husband and subliminally suggests a solution - castration.

America's Favorite Cancer.

(Fig. 7) "Cancer" retouched into the hockey glove.

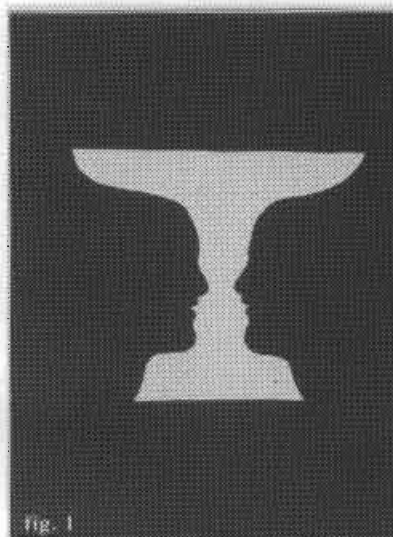


fig. 1

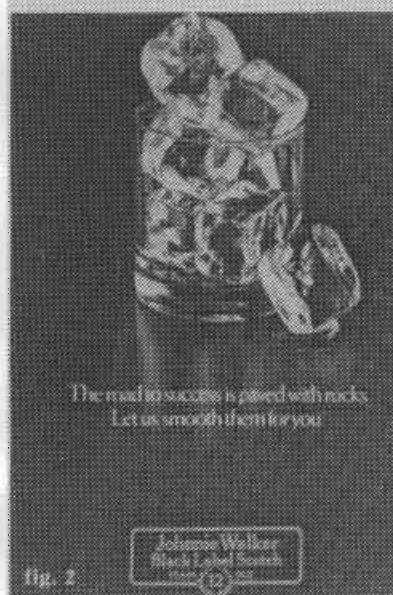


fig. 2



fig. 3

Jantzen

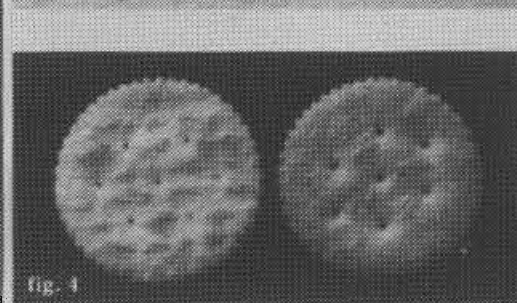


fig. 4

trunks. They have wrinkles in the front and they are sagging. Considering the high cost of advertising and the importance of how the product looks, it's surprising that neither Jantzen nor their agency demanded a better fit or took the trouble to airbrush out the wrinkles and the zipper.

The zipper? - on a woman's suit? It seems like someone made a terrible mistake when this ad was photographed. For she's wearing his trunks. And his are too snug and, oddly, match the design of her top. In other words he's wearing her suit and she's wearing his.

It's no accident, however. It's an intentional sex-role reversal calculated to be consciously screened out but which will be instantly perceived at the unconscious level.

Whoever created the ad - probably an ad agency art director - took the ad several steps further to be sure its subliminal appeal sold bathing suits. Look at the female hand resting on the female model's hip. Who does it belong to?

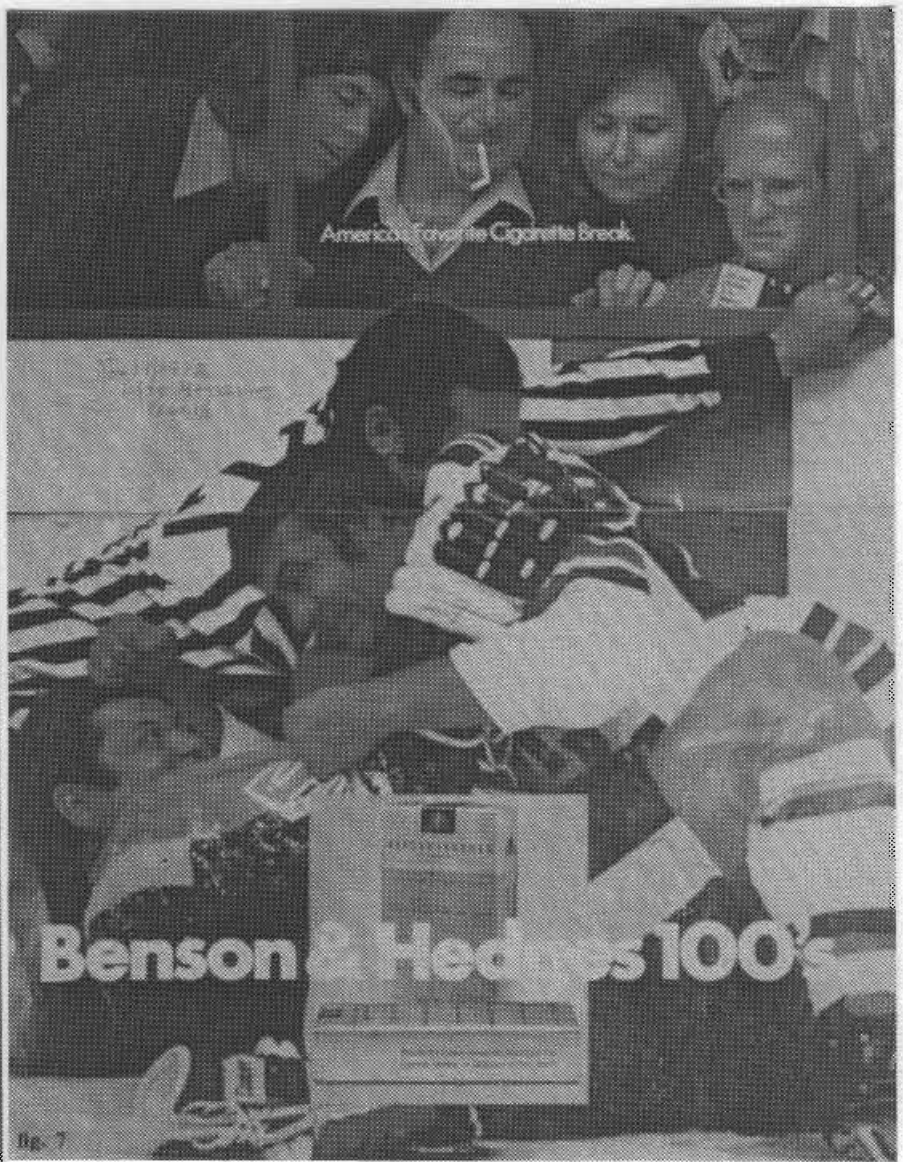
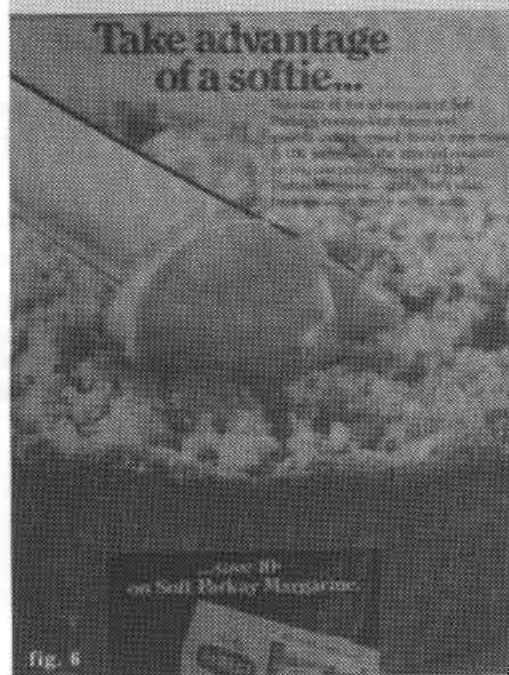
At the angle show, it couldn't belong to the female torso in the picture. The model's arm

would have to be six feet long. There is a third model entirely off camera - with the exception of her hand resting on this erogenous zone. According to Dr. Key, this suggests the possibility of *ménage à trois* relationship - a man and two women.

Just in case that failed to push enough subconscious buttons, an artist airbrushed a face into the surf. See if you can find it. Located right between the female model's legs, it appears to be a face with the cheeks puffed out, blowing on a sensitive portion of her anatomy (see diagram).

This subliminal "embed" (embedded image) is only one of many, many ways used to invade your consciousness. In two seconds or less - subliminal seduction.

How do subliminals work? The answer is that no one really knows. The reason for this is simple: no one knows exactly how the brain works. Despite our vaunted knowledge, scientists do not fully understand the processes that go into raising and lowering a finger. But that doesn't mean subliminal advertisements don't work.



Indeed, it can be demonstrated that subliminal ads do work. Moreover, if admen are true to their colours, it's highly unlikely that they are spending a fortune to amuse themselves playing perceptual games that do not sell a product, especially since they are taking a terrible risk. Most people would be outraged at the invasion of the most sensitive and private areas of consciousness by the admen in the pursuit of sales.

Subliminal advertising seems to appeal to the two dimensions of life common to all people: the origins of life (love or sex) and the end of life (death and its related implications of aggression and violence). These two symbolic polarities - sex and death - lie deep at the root of all the world's literature, art, philosophy, science, religion, and human behaviour.

As Dr. Key explains, "North American society has a vested interest in reinforcing an individual's failure to achieve sexual maturity. By exploiting unconscious fears, forcing them to repress sexual taboos, the media guarantees blind, repressed seeking for value substitutes through commercial products and consumption. Sexual repression, as reinforced by media, is a most viable marketing technology."

Experimental data suggests that substimuli can change a person's attitude toward anything. After enough exposure to subliminal data like this or the clam-plate orgy, many people would change their attitudes toward orgies or group sex. And the theories suggest that it is not the lecher who would be most affected. Similarly, a well adjusted 'swinger' (although one may not really exist) would be far less affected. According to Dr. Key, "Fantasy modification would be most pronounced in individuals with strong, rigid,

moralistic preoccupations - just the opposite of what conventional logic would lead us to believe."

One of the keys of subliminal seduction is to simply bypass the conscious mind. The more memorable the ad is, the less effective it is likely to be. The more common, plain, and unexciting it is, the more likely it is to do its job - which in many cases is to provide a "cover" for substimuli which increase the sales of the product for reasons the buyer is entirely unaware of.

The Parkay advert (see diagram) is a good candidate for "least memorable". It was published in *Family Circle* magazine in November of 1973. Observers found that really no one paid attention to the ad. Average exposure time was one to two seconds. Maybe one in fifteen readers spent an extra second or two to read the copy.

It looked like money in the bank. But how? What is so sales-worthy about this photograph of some margarine on the end of a knife that would justify the millions of dollars invested in space for it?

If you are really an intrepid investigator, you might buy some Parkay margarine and try putting some on the end of a knife so that it looks just like the picture.

You'll probably try for quite a while. Dr. Key has tried and was unable to get a glob of Parkay to even faintly resemble the photograph - an instant indication that this is an airbrush-created fantasy.

It turns out that the two globs of Parkay form glans, or the heads, of two penises. The larger of the two has a highly identifiable coronal ridge.



detail fig. 2



detail fig. 2



detail fig. 2



detail fig. 5



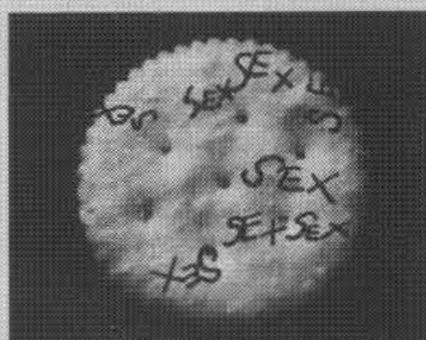
detail fig. 3



fig. 6



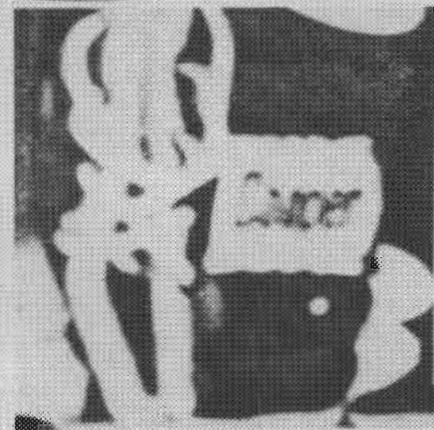
fig. 6



detail fig. 4



page 26



detail fig. 7

The heads of two penises on the edge of a knife blade could suggest male castration. But who is this ad aimed at? Unlike the Kanon ad which appeared in men's magazines, the Parkay ad appeared in *Family Circle*, a magazine read primarily by women.

According to Dr. Key, the suggestion of castration could be an unconscious motive for an insecure American housewife. What ad agency could resist the urge to exploit her fear that her husband might be attracted to a younger woman by suggesting that if she fattens him up, he'll be less vulnerable. And presumably, "old softies" - men whose age has rendered them impotent - get castrated as punishment. As the last sentence in the copy explains, "... guess that's what happens when you're an old softie."

Subliminal advertising is designed to activate a buying decision days, weeks, months, or years after it is perceived. By 1919, Dr. Otto Pötzl established that there was a strong relationship between subliminal stimuli, posthypnotic suggestion, and compulsive neurosis. An individual will perform acts - buy Parkay or anything else properly introduced at subconscious levels - without any conscious knowledge of why he is doing such a thing, although he would most definitely have a conscious rationale highly compatible with his or her self-image. So "least memorable" enters her subconscious and sits there like a time bomb waiting to go off.

Advertising agencies try to steer clear of the messy business of ethics and morality. Their job is to sell products. They often appeal to heavy users of a product in their advertising - for an alcoholic beverage, those who drink fifteen or more drinks per week.

But if we look at the Johnnie Walker advert, (see diagram), we might find the advertisers a little remiss. All they did was to photograph a glass of ice cubes. They didn't even bother to display any of the liquor itself. Yet this ad appeared in virtually every major U.S. national magazine, including *Time*, *Newsweek*, and *Playboy*.

Considering the average figure for return on investment, the \$2 million invested in this advert for advertising space would have had to yield about \$50 million in sales to pay for itself.

Those are facts of life, advertising style. Anyone who believes the frequently repeated statement "Advertising doesn't work" isn't aware of the economic of the situation. Indeed, advertising works - particularly when the customer believes that it doesn't.

Nevertheless, this rather unimpressive picture of six ice cubes must have something going for itself to stimulate \$50 million worth of sales - and that "something" is in the ice-cubes, or rather, in the airbrush painting of ice cubes.

If you look at the "ice cubes" close up, you'll notice melting faces, one face screaming, a skull, a bird, a monster, a castrated penis, a devil mask, and more. The brain is able to perceive these images, although some are

upside down or highly distorted.

Heavy alcohol drinkers, those to whom this ad was aimed, are involved in a monstrous self-destruct syndrome. Many are consciously aware that they are destroying themselves. Nevertheless, they compulsively and, in the case of the alcoholic, addictively drink on.

Having shown this slide at several Alcoholics Anonymous meetings, Dr. Key found that many recovered alcoholics were able to relate their withdrawal hallucinations to the imagery. It's entirely possible that this Johnnie Walker ad could have been researched at an AA meeting simply by listening to the testimonials of hallucination experiences.

The great majority of all alcoholic beverage advertising has subliminal stimuli, many using subliminal death and self-destruction imagery. Indeed, it may be that the appeal to the death instinct or the suicide urge may be used to sustain the alcoholic beverage industry at its present size.

One of the most important inventions of the last thirty years is the tachistoscope. It's a hand little gadget that allows someone to flash an image at speeds of up to 1/3,000 of a second - well below the conscious threshold of perception. Using this device, researchers found that they could flash the words *happy* and *angry* on an expressionless face. Test subjects reacted far better to the face when *happy* was flashed. Now stop and consider: if the mere flash of the words *happy* and *angry* change a person's evaluation of a neutral, expressionless face, what results could be obtained if the word *sex* were somehow permanently but subliminally displayed on, say, a product someone was advertising.

The advertiser might become so enthused that he'd want to use it everywhere, for he'd have to search far and wide for a more powerful motivator - the promise of sex form trying or using a product. Advertisers might want to put the word *sex* on everything - display ads, photographs, display boxes, billboards, mailers, crackers, magazine covers, everything ...crackers?

You might think this is a bit far-fetched, but Ritz crackers not only have the word *sex* embedded on the box, but the word appears numerous times on each cracker (see diagram). Researchers have found that words and pictures, when considered as subliminal stimuli, are mutually reinforcing, integrative, and similar in their effects upon behavior.

Now imagine how a crackerjack advertising man might feel about giving Ritz crackers sex appeal, like alcoholic beverages whose ads often show beautiful men and women in suggestive poses. Imagine his sense of conquest by embedding the word *sex* on those homely little wafers, thereby transforming them into luscious, round, bit-sized morsels. Dynamite!

Sex is virtually embedded in everything. It's in ads for liquor, cigarettes, film, cars - just about every consumer product. It's embedded in the covers of magazines - not just *Playboy*, and *Penthouse*, but *Time*, *Newsweek*, *Life*, and most other large circulation magazines.

Although it is by far the most commonly used, *sex* is not the only word embedded in advertising. The same principle that works for *sex* also works for other verbal substimuli. And although the advertisers' choice of hidden words doesn't identify them as masters of Elizabethan English, it does show them to be cunning exploiters of the language, willing to use emotionally charged words - always associated in the vernacular - that are associated with sex and death.

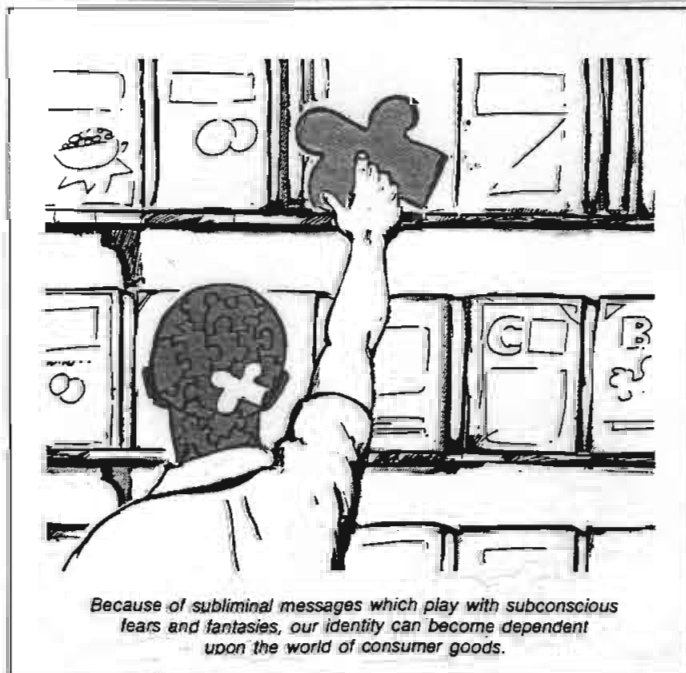
About nine such words are frequently used in national advertising: *sex*, *f_k*, *c_nt*, *p_ssy*, *pr_ck*, *penis*, *dead*, *die*, *kill*. Occasionally, phrases akin to posthypnotic commands are embedded: *U Buy* and *Get It*. But among the embedded words, *sex* is king and hidden virtually everywhere.

One of the great calamities in the world is the frenzied pursuit of expensive consumer items such as alcoholic beverages and cigarettes - that have demonstrably deadly effects. Yet most people accept this usage where we spend billions for the privilege of slowly and painfully destroying ourselves ... with remarkable calm.

Much subliminal advertising is apparently directed toward the self-destruction fantasies we have at subconscious levels. Not only do we find it in alcoholic beverage ads and a variety of other products, but it's in cigarette ads also. Apparently, "death" sells!

The tobacco industry spends nearly one billion dollars a year on advertising, most of it aimed at people under twenty.

Take a look at one ad Benson & Continued on page 64



Because of subliminal messages which play with subconscious fears and fantasies, our identity can become dependent upon the world of consumer goods.

Ancient Chinese in Australia

Were the Dutch
explorers really the
first discoverers of
Australia?
Or was it the Spanish
or Portuguese?
It certainly was not
Captain James Cook!

by Rex Gilroy

Indeed, if you knew as much as I do about our early history of discovery & exploration, you would feel sorry for our teachers of history. They have to confine themselves to the old story of how James Cook (1770) discovered our east coast, although the Dutch visited our west coast fully 164 years before that date.

In fact, the earliest sketchy outline of a great southern continent can be found upon one of a number of carved stone world maps preserved in Iran, carved by Persians up to 3,000 years ago.

The Greek scholar Eratosthenes, included a southern continent in his world map, drawn as a sphere, in the 3rd Century BC. He approximated the Earth's diameter to within 1.3% of today's estimates, and also calculated that the continent of America comprised one third of the Earth's circumference, which was astonishingly close to the truth.

Crates of Mallus, in Asia Minor, constructed a 5m diameter world globe in 150BC. Crates reasoned the Earth was a sphere and needed balancing continents to keep it in equilibrium.

He therefore envisaged four continents divided by two great oceans. Africa, Europe, and Asia he described as a single continent, "Oecumene". Crates then drew in "Perioeci", which we now call North America.

In the vicinity of Panama, and south of it, he placed "Antipodes", which is now called South America. His fourth land mass balancing out the other continents and situated far below what we now call the Indian Ocean, he named "Antoeci", now known as Australia.

How much this great forward thinker depended upon reason, deduction or vague reports from seafarers we may never know. Nevertheless, he anticipated Columbus' discovery of America by more than 16 centuries and the discovery by European seamen of Australia 17.5 centuries later.

Lucian of Samosata (120-180AD) wrote of a distant land far across the [Indian] ocean, where the savage inhabitants carried their young in pouches. Samosata stood on the Euphrates River, which flows into the Persian Gulf, from which vessels sailed for India and beyond. Had Lucian obtained a confused account of Australian aborigines and kangaroos from some mariner?

Evidence of contacts with Australia by explorers from the ancient world abounds. Take, for example, the remains of an ancient shipwreck, thought to be that of a Phoenician trireme at least 2,000 years old, and which was located by the late Perth skin diver, Allan Robertson, in King Sound, Western Australia, some years ago. (A future article in Nexus by this author will explore the extensive evidence of middle east contacts with

Australia in biblical times).

But what of the ancient Chinese, who were voyaging the Pacific Ocean centuries before the Europeans? Evidence is accumulating to prove that they too played their part in the discovery of Australia.

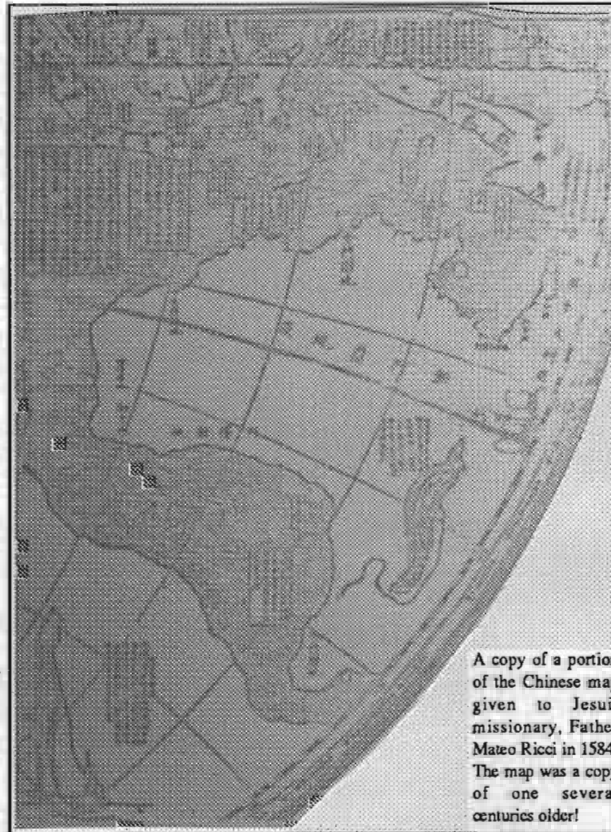
The Javanese, with whom the Chinese traded, had an extensive knowledge of our waters, and could have been instrumental in directing Chinese explorers to our shores.

Like the earlier civilisations of the near and middle-east, the Chinese certainly possessed often enormous wooden ships and navigation aids to enable them to undertake world-wide voyages in antiquity.

For example, some of their huge junks were capable of carrying over 1,000 people each. One type of huge junk measured at least 140 metres from bow to stern, and more than 30 metres across the beam. Between the fifth and eighth centuries, the Chinese invented paddle-wheel operated vessels. These were operated by slaves working tread-mills inside the ships. By the 12th Century, they were building huge war ships with up to 23 paddle-wheels on each ship. A 15m rudder of one of these massive vessels has in recent years been unearthed on the coast of China. It is now preserved in a Peking museum.

According to ancient writings preserved in China, a Buddhist monk, Fu Shai in 458 AD may have landed in southern California after an 11,000km voyage in one of these enormous ocean-going junks. Another Chinese explorer, Shu Shan Gee, is credited with having visited the same coastline about 1,000 years before Columbus "re-discovered" America.

However, unlike the later European explorers, the Chinese were less interested in establishing colonies in far-off lands than in establishing temporary colonies solely for the purpose of trade or for mining of precious stones or minerals which they shipped home to China.



A copy of a portion of the Chinese map given to Jesuit missionary, Father Mateo Ricci in 1584. The map was a copy of one several centuries older!



The 80mm tall statuette of the Chinese god Shou Lao, unearthed at Darwin in 1879, from beneath the roots of an ancient banyan tree.

It was Franciscan missionaries who went to Chia in the 16th Century, who were the first Europeans to obtain written evidence pointing to Chinese contacts with Australia.

This evidence included copper scrolls dating from the 6th Century AD onwards, including a crude 6th Century map of Australia.

These scrolls are still being translated.

They tell of such things as voyages across the Pacific Ocean in the 10th and 11th Centuries in gigantic fleets of junks - 60 to 100 ships carrying up to 200 or more crewmen each.

It is obvious the Chinese possessed considerable knowledge of Australia as evidenced by their ancient writings. For example, Confucius in his "Spring and Autumn Annals" (481BC), records two solar eclipses having been observed by Chinese astronomers, possibly in Arnhem Land - one (by

modern calculation) on April 17th, 592BC, and the other on August 11th, 553BC.

Another record, "Atlas of Foreign Countries", written between 265 and 316AD, describes the far north coast of the mysterious great south land as being inhabited by a race of one-metre tall pygmies - an obvious reference to the pygmy sized Aborigines identified by Australian anthropologist Norman B. Tindale, in 1938, in the mountains above Cairns, Queensland.

In 338 BC, Shin Tzu wrote of the presence of apparent kangaroos kept in the Imperial Zoo, Peking and further similar reports continued in several later dynasties.

Emperor Chao about this time dispatched a fleet of junks with orders to return with marsupials from the "southern land of Chui Hiao", and a Chinese book "The Classics of Shan Hai", written some time before 338BC describes our Aborigines and their use of the returning boomerang.

About 213BC, Emperor Qin Shih



This mystery aboriginal rock carving, found in 1970 near the waterfront at Berowra near Sydney, has been called the "Dancing Chinaman", from the figure's pose, and the garments depicted which are reminiscent of those of ancient Chinese seafarers. Did aborigines depict a pre-Cook visit to the Sydney district by Chinese mariners centuries before European exploration of these shores?

Huang-ti (who instigated construction of the Great Wall), obsessed with finding the "magic fungus of immortality", dispatched an enormous expedition of some thousands of men and women, including several thousand children, in an armada of huge junks, to the fabled lands of Peng Lai (Java), Fong Zhang (New Guinea) and Ying Zhou (another ancient Chinese name for Australia), the "great golden land".

This enormous expedition of mushroom-pickers was never heard of again and Qin Shih Huang-ti, unable to obtain the "magic fungus" of immortality died in 210BC, at the age of 49.

The Chinese appear to have been wary when navigating Torres Strait. Many of their expeditions through the Strait came to grief due to the dreaded Torres Strait Islanders, who, until early this century, were head-hunting cannibals.

In fact, the islanders regarded Chinese as being just about Number One for flavour as they found them nowhere near as salty as white men!

Ancient relics are further proof of Chinese visits to our shores.

In 1948, fragments of Ming Period (14th Century) blue and white porcelain were dug up on Winchelsea Island, north-west of Groote Eylandt; and a large Chinese copper urn of this age was unearthed in Arnhem Land some years ago.

In 1961 a 2,000 year old vase bearing a crude map of the Australian east coast was discovered in Hong Kong.

Another map, dating back 2,000 years and drawn on porcelain, exists in Taiwan. It shows the southern coastline of New Guinea, the east coast of Australia as far south as the Melbourne area and the crude outline of Tasmania.

Another porcelain map has since been found in China - dating to 1477, it not only describes much of the American west coast, but some Pacific Islands; including the North and South Islands of New Zealand, Australia and New Guinea and the islands of south-east Asia and the coast of China.

Another map, uncovered in Peiping earlier this century, describes the great south land of "Chui Hiao", drawn by a Chinese trepang captain in 1426.

In 1584 the Jesuit missionary, Father Mateo Ricci, during a lengthy stay in China, was given a copy of a large world map, the original at least centuries older. The portion dealing with the islands of south-east Asia includes the unmistakable outlines of New Guinea and Australia.

In the late 1940's, a discovery proving ancient Chinese voyages into the west Pacific region was made by a team of anthropologists while researching in the Yasawa Islands to the west of Fiji.

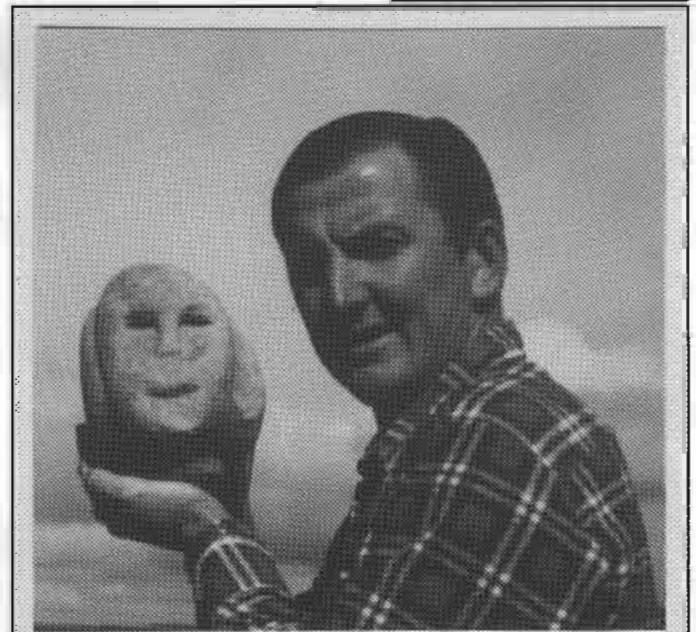
The men found an ancient copper mine cut into a hillside.

Lettering surrounding rocks they discovered numerous centuries-old Chinese letterings.

Natives on the island were later found to possess Asian racial features. They say the island was visited by a race of "yellow men" long before the coming of the Europeans.

Thirty-five years ago, a jade Buddha was unearthed near Cooktown in far north Queensland, deep below ancient soil deposits.

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Historian/archaeologist Rex Gilroy, holding the carved stone head of the ancient Chinese goddess Shao Lin, unearthed in 1980 by a woman from ancient sediments of a beachfront hillside outside Milton, on the NSW south coast.

SKELETONS IN THE CLOSET - Part 2

A History of Secret CIA Mind Control Research

Written by Sid Taylor

This concludes our chilling look at just some techniques used by Government agencies for mind control.

MKULTRA SUBPROJECT-68

This was Dr. Cameron's ongoing "attempts to establish lasting effects in a patient's behaviour" using a combination of particularly intensive electroshock, intensive repetition of prearranged verbal signals, partial sensory isolation, and repression of the driving period carried out by inducing continuous sleep for seven to ten days at the end of the treatment period. During research on sensory deprivation, Cameron experimented with the use of Curare, (the deadly poison used by South American Indians to tip their arrow heads), to immobilise his patients. After one test he noted: "Although the patient was prepared by both prolonged sensory isolation (35 days) and by repeated depatterning, and although she received 101 days of positive driving, no favourable results were obtained." Patients were regularly treated with hallucinogenic drugs, long periods in the "sleep room", and testing in the Radio Telemetry Laboratory that was built by Rubenstein under Dr. Cameron's direction. Here, patients were exposed to a range of RF and electromagnetic signals and monitored for changes in behaviour. It was later stated by other staff members who had worked at the Institute that not one patient sent to the Radio Telemetry Lab showed any signs of improvement afterwards.

MKULTRA SUBPROJECT 3

A project designed to assess the use of sexual entrapment in covert operations. It became known unofficially as Operation *Midnight Climax*. Included in the operation were attempts by CIA agents to infiltrate public gatherings, such as cocktail parties, where unsuspecting guests were sprayed with LSD in canisters variously labelled as insect repellent, deodorant, and perfume. An operation conducted in an apartment in New York's Greenwich Village focused specifically on drug testing. Another apartment was rented on Telegraph Hill in San Francisco and used for further drug testing. It was also set up as a brothel at which was used to discover more about the psychological aspects of sexual behaviour and prostitution, and to scout for potential CIA "assets." (Moles, Informers, snoops, field agents). A report by a Senate investigating committee recorded in 1975 that, "Prior consent was obviously not obtained from any of the subjects. There was, obviously, no medical pre-screening. In addition, the tests were conducted by individuals who were not qualified scientific observers. There was no medical personnel on

CIA MIND CONTROL RESEARCH

hand to administer the drugs or to observe their effects and no follow up was conducted on the subjects.”

OTHER MKULTRA OPERATIONS

There were an enormous number of MKUltra operations. The project farmed out work to eighty institutions, of which forty-four were colleges or universities, fifteen research facilities or private companies, twelve hospitals and three prisons. The estimated total cost of the operation was 10-25 million dollars.

Prisoners were used in experiments conducted at the California Medical Facility in Vacaville State Prison by Dr. James Hamilton. Funded by another chain of front organisations, Dr. Hamilton conducted “clinical testing of behavioural control materials.” In New Jersey, testing was conducted by Dr. Carl Pfeiffer at the Borden Reformatory, on similar materials. At Holmesburg State Prison in Philadelphia volunteers were used to test a particularly violent incapacitating drug. Around the same time as these tests were being conducted by the CIA the US Army initiated two projects, *THIRD CHANCE* and *DERBY HAT*. They conducted experiments both home and abroad, and at one time the New York State Psychiatric Institute was conducting research under contract to the Army. Between 1955 and 1958 the Army also tested LSD on 1,000 volunteer US servicemen at Fort Bragg and the Army’s Chemical Warfare Laboratories at Edgewood.

MKDELTA

This operation focused on the interrogation of people who were suspected as being foreign agents spying upon US installations, or native Americans suspected of being foreign agents. Much of the testing was conducted off the American mainland in CIA safe houses and American occupied war zones.

OPERATION MINDBENDER

A covert operation conducted in Mexico City that involved the use of undercover hypnotherapists to determine whether an unsuspecting victim could be influenced, by a combination of drugs and hypnosis, into becoming an assassin who would carry out an order to kill after being triggered into action by a pre-programmed signal.

MKSEARCH

An operation that included over a dozen sub-projects. The projects were under the control of Dr Sydney Gottlieb. Most were a continuation of projects conducted under *MKUltra* that were renamed after Dr. Cameron’s time with the Agency had come to an end. Some were to be conducted in CIA safe houses set aside in a number of American cities including, Washington, New York, Chicago, and Los Angeles. The intention was to use them as locations where “expendables”, (that is a subject who might die, but whose disappearance was unlikely to arouse suspicion), could be

tested under full medical supervision. Other sub-projects concentrated specifically on exploiting human weaknesses and destabilizing personalities.

One operation funded under *MKSearch* by Dr. Gottlieb was researching micro-organisms with the capacity to kill. The work was carried out by two separate laboratories who were unaware of each other’s activities. One was a private research facility in Baltimore, the other was at the Army Biological Laboratory at Fort Detrick, which had been running an operation since May 1952 known as *MKNaomi*. The civilian researchers in Baltimore were instructed to attempt to find chemicals that could induce anything from the desire for kinky sex, to simulating death by carbon dioxide, that is, to produce a chemical that could be used to fake suicide. At Mount Sinai Hospital an immunologist by the name of Dr Harold Abramson was allocated \$85,000 by Dr. Gottlieb and was told that the Agency wanted experiments done on disturbance of memory.

They wanted disturbance by aberrant behaviour, changes of sex patterns, suggestibility and the creation of dependence, to be used in the obtaining of information.

OPERATION BIG CITY

In their search for a chemical material “which would cause a reversible non-toxic aberrant mental state, the specific nature of which could be reasonably well predicted for each individual”, Operation *Big City* was launched.

A 1953 Mercury car was modified so that it’s exhaust pipe extended 18 inches beyond it’s normal length. The car was then driven a total of eighty miles around New York emitting a gas to test it’s effect on passers-by. In another test operatives travelled on the New York subway with battery powered emission equipment fitted into suitcases, to see if LSD could be sprayed in confined areas and affect people. The operators wore nasal filters. In San Francisco a biological gas was released off the Golden Gate Bridge, with the intention of covering the city and monitoring the gases disorientating effects. It blew away before it could cause any harm. In 1957, the CIA Inspector General, Lyman Kirkpatrick issued an internal memo which stated that “precautions must be taken not only to protect the operations from exposure to enemy forces, but also to conceal these activities from the American public in general. The knowledge that the Agency is engaging in unethical and illicit activities would have serious repercussions in political and diplomatic circles and would be detrimental to the accomplishment of its mission.”

OPERATION RESURRECTION

In this *MKSearch* sub-project the isolation chamber that had been constructed earlier by Dr. Cameron at the Allan Memorial Institute was rebuilt at a laboratory of the National Institutes of Mental Health. This time, instead of humans, apes were to be subjected to a

... involved the use of undercover hypnotherapists to determine whether an unsuspecting victim could be influenced ... into becoming an assassin who would carry out an order to kill after being triggered into action by a pre-programmed signal.

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cruel combination of treatments. After first being lobotomized, the animals were kept in total isolation. The radio telemetry techniques developed earlier by Leonard Rubenstein were adapted so that radio frequency energy could be beamed into the brains of the highly disturbed animals. Many were then decapitated and their heads would be transplanted onto another body to see if the RF energy would bring them back to life. The apes that were not killed in this way were later bombarded with radio waves until they fell unconscious. Autopsies revealed that their brain tissue had literally been fried. These experiments were conducted around 1965/66, so it is a frightening reality that it is around 25 years since intelligence agencies covertly started experimenting with the use of radiated energy to control behaviour.

Around the same time the Agency set up the Amazon Natural Drug Company in Iquitos, Peru. It acted as a channel for the Agency to collect drugs for their operations. A small team of botanists gathered leaves, roots and barks from the jungle, which were then sent back to the TSS laboratories where they were pulverised into dust and fed to more apes to see if they were driven mad or would kill each other. They did both.

OPERATION SPELLBINDER

On June 30th, 1966, Richard Helms became Director of Central Intelligence. He was the first DCI since Dulles to push hard for results in the mind control field. Operation *MKSearch* went into overdrive. Old projects were resurrected, abandoned projects reactivated. The safe houses were told to expect a steady supply of Viet Cong expendables to experiment on. One of the projects to be revived was the less than successful Operation *Mindbender*. Renamed Operation *Spellbinder*, the assignment was to create a sleeper killer, a real life "Manchurian Candidate." A hypnotist was recruited from the American Society of Clinical and Experimental Hypnosis. He became known amongst the Agency staff as "Dr. Fingers" and was selected because his file stated that he would have no qualms about conducting potentially terminal experiments. The intended victim of the experiment was Fidel Castro. After attempts to program several would-be assassins, the operation was discontinued and written off as a complete failure.

DIGGING DEEPER INTO THE BRAIN .

What the Agency wanted more than anything was the capability to influence or control subjects remotely. This would open an entirely new set of operational possibilities to the world of covert intelligence. Due to the obviously sensitive nature of any research in this area, special precautions were taken to isolate operations financially from other projects and the Agency.

MKULTRA SUBPROJECT 142 AND SUBPROJECT 94

Subproject 142 was "a small biological program of electrical

brain stimulation involving some new approaches to the subject." The project would "engage in some very practical experiments at some point in the work that would present security problems if this effort were to be handled in the usual way. Some of the work proposed for these animals would involve possible delivery systems for direct executive type action operations as distinguished from the eaves dropping application." The term "executive action" was the CIA's euphemism for assassination.

Subproject 94 was similar, its purpose "to provide for a continuation of investigations on the remote directional control of activities in selected species of animals. Miniaturized stimulating electrode implants in specific brain center areas will be used."

These projects were initially conducted on animals. Dogs, cats and monkeys were tested as guided microphones and bombs. By 1960, "the feasibility of remote control of several species" had been demonstrated. By April 1961, Sidney Gottlieb's team had "a 'production' capability." After successful testing of electrode implants in animals brains, it was only a matter of time before human subjects were to be used.

In July 1968 an Agency team flew into Saigon to experiment on three Viet-Cong prisoners at Bien Hoa Hospital. Working in an enclosed compound, the team's neurosurgeon and neurologist inserted tiny electrodes into their brains. Behaviorists then experimented on the men, arming them with knives and trying to induce violent behaviour in them using the direct electrical stimulation. After a week of

experimentation which failed to incite the men to attack each other, they were shot dead and their bodies were burned. One cannot even begin to guess at the number of people who have been subjected to brain implants since these early experiments.

OPERATION OFTEN

By 1969 TSS had been replaced by the Office of research and Development (ORD) as the Agencies "department of the unorthodox." The most innovative and daring doctors were transferred to ORD and a number of bizarre and far-reaching experiments were put into action. The roots of the new research could be traced back to the earlier work Dr. Cameron had approved which tried to establish links between eye colouring and mental illness.

The ORD chemical and biological team started off trying to create a deadly virus by exposing a range of already deadly bacteria to ultraviolet light. While they continued with that line of research, the psychiatrists and behaviorists on the ORD team set off to explore an even stranger possibility. The world of the supernatural and black magic. Agents spread out across the country in search of fortune-tellers, palm readers, psychics and clairvoyants. The agents would introduce themselves as researchers from the Scientific

One cannot even begin to guess at the number of people who have been subjected to brain implants since these early experiments.

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Engineering Institute.

They worked with their new found subjects searching for ways to use the paranormal in spying and counter-intelligence. By May 1971, Operation *Often* had three astrologers on its payroll whose specific task was to predict the future. They would sit for hours in soundproof booths scouring magazines and newspapers looking for items that would alert them psychically. They then taped whatever thoughts came into their minds about how the particular situation may develop. By 1972 two Chinese-American palmists has been employed to probe how hand reading could be developed for intelligence work. Palmists had already been consulted after the Agency went to considerable lengths to obtain Fidel Castro's palm prints. A medium was used to scout the United Nations headquarters for "evil types" and an approach was even made to the minister in charge of exorcisms for the Catholic archdiocese of New York. Whatever the offer, it was firmly rejected. Research was conducted into black magic, complete with an analysis on the covens operating in the United States. The Scientific Engineering Institute funded a course in sorcery at the University of South Carolina. The CIA's scientists carefully studied the results of the classes devoted to fertility rites and raising the dead. Simultaneously, research into brain implant technology was stepped up.

THE SCHWITZGEBEL MACHINE

After consultation with the DCI, Richard Helmes, Dr. Gottlieb hired the former director of the Agency's Office of Scientific Intelligence, Dr. Stephen Aldrich, and set him up in a safe house where a KGB defector had recently been interrogated and tortured continuously for almost three years, so that he could experiment with a device known as the Schwitzgebel Machine. This was a 'Behavioural Transmitter-Reinforcer' (BT-R) fitted to a body belt that received signals from, and transmitted signals to, a radio module. The machine was "linked to a missile-tracking device which graphs the wearer's location and displays it on a screen." It was developed by Ralph K. Schwitzgebel in the Laboratory of Community Psychiatry at Harvard Medical School. His brother,

Robert, subsequently modified the prototype into a more refined final product. The machine drew enthusiastic praise from criminologists who were supportive of ORD's concepts for the intelligence techniques of the new world order.

On December 10th, 1972, Helmes cancelled Operation *Often*. The memo sent to Dr. Gottlieb to notify him was marked READ - DESTROY. Dr. Gottlieb resigned from the Agency in January 1973. Before he left he was ordered by Helmes to shred all records from *MKUltra - MKSearch*.

130 boxes would later be discovered in the Langley archives that, inexplicably, Dr. Gottlieb had failed to destroy. It was thought that the records had been misfiled and would have been to destroyed if Helmes and Gottlieb had been aware of them.

SKELETONS IN THE CLOSET

In July 1974 the Watergate scandal climaxed with the resignation of President Richard M. Nixon, and Vice-President Gerald R. Ford stepping in to take the reigns. Ford immediately became aware of scope of the CIA's wholesale misbehavior. They had tried everything from blackmail, bribery, and sexual harassment, to violence and murder, in a genuinely horrific abuse of their privilege to classify anything they deemed fit to cover up TOP-SECRET, ULTRA, or EYES-ONLY. Upon hearing the truth, Gerald Ford's reaction was reportedly to shake his head in disbelief and mutter, "My God. Oh, My God."

In December 1974 The New York Times ran a story exposing some of the Agency's illegal activities during the Johnson and Nixon administration, and a public outcry ensued. President Ford quelled the public reaction by appointing a committee, chaired by Vice -President Nelson A. Rockefeller, to investigate the allegations. Ronald Reagan, who was Governor of California at the time, was one one of the eight members sitting on the committee. He rallied strongly in favour of the CIA and claimed that "in any bureaucracy of about sixteen million people there are going to be individuals who make mistakes and do things they shouldn't do." Over dinner with William Casey, Reagan vowed that if he were ever elected President he would make sure that the CIA would never have to fight with one arm tied behind it's back. George Bush became DCI on January 31, 1976, and departed to become Reagan's running mate on January 20, 1977. On January 26, 1981, William Casey made his first trip to the White House as Director of Central Intelligence. Within a short space of time, the Director of the National Security Agency (NSA), Admiral Bobby Ray Inman, who had also been in the running to become DCI, helped forge closer ties with the CIA. Attempts were made to smooth the competitive relationship between the two agencies, the NSA allowing the CIA unprecedented access to their extensive data and computerised intelligence gathering facilities.

On December 11 1980, a law suit was filed against the

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A Hundred Years of Water Chlorination

Toward a Second Century of Misgivings?

by John F. Ashton, Chief Chemist
Australasian Food Research Laboratories
and

Dr. Ronald S. Laura, Professor in Education, University of
Newcastle, and Chairman, Sports Medicine and Health
Education Committee, Hunter Academy of Sport, NSW.

After a workout in the gym, a training run or cycle, a game of squash or a mountain hike, the thought of a refreshing drink of cool, clear water is often uppermost in our minds. Adequately quenching that thirst is a vital aspect of maintaining fitness, health and even beauty. But how pure is the water we drink and are the chemicals used to purify it serving paradoxically to contaminate it? Unless we are fortunate enough to live in an unpolluted rural environment collecting our own water (or have affixed some type of water purifier to our tap), the peculiar odour and taste of the liquid in our glass stand as persistent reminders that the water we drink contains chemicals. Generally, the most noticeable of these is chlorine.

We have come to accept the presence of chlorine in our drinking water as one of the necessary, though slightly unpleasant aspects of maintaining community health. Somewhere along the way, most of us have learned that a number of contagious diseases such as typhoid and cholera have been virtually eradicated by filtering and chlorinating our municipal water supplies. The crucial question which many of us never learned to ask, however, is whether chlorinated water represents a health hazard in its own right. In what follows we shall urge that in the light of recent research on the subject, it is clear that water treated with chlorine should be regarded as potentially detrimental to the health of the community.

WHAT IS CHLORINE AND HOW DOES IT WORK?

The Australian bicentenary year, 1988, marked the centenary of water chlorination. In 1888 a patent on chlorination of water was granted to Dr. Albert R. Leeds, professor of chemistry at Stevens Institute of Technology, Hoboken, New Jersey. Professor Leeds showed that chlorine could be used as the basis of a method of disinfection to control pathogens responsible for waterborne diseases. In the following year the first chlorination of a public water supply

100 YEARS OF WATER CHLORINATION

was initiated at Adrian Michigan, though it was not until 1908 that chlorination was introduced on a large scale at the then huge Boonton Reservoir waterworks in Jersey City, New Jersey. By World War II, the practice of chlorination was widely established in the United States.¹

The process of water chlorination involves a relatively straightforward chemical process. Chlorine is one of the most reactive elements in nature and is found in a free form only in volcanic gas. Even a small amount of chlorine will dissolve in water, some of it combining with water to form hypochlorous acid and hypochlorite ion. Chlorination of water is achieved by adding chlorine gas directly to the water or by adding the chemicals calcium hypochlorite or sodium hypochlorite. In these latter forms chlorine is known as 'free available chlorine' and has effective germicidal powers because of its ability to combine with or oxidize classes or organic compounds essential to life.

One theory of how chlorine works suggests that there is a physiochemical reaction between chlorine and the structural proteins of the bacterial microbes, thus causing the disintegration of their cell walls. Another popular theory holds that the process of disinfection works by inhibiting a key enzymatic process which oxidizes the glucose of the cell; the bacterial cells die, that is to say, because the chlorine destroys the oxidation process upon which the cells depend.

Chlorine was originally added to the water just prior to



filtration, though the more common practice now is to apply chlorine both before and after filtration. The idea is that prechlorination serves to reduce the accumulation in filters of biological material such as algae. Postchlorination is alleged to minimise the number and variety of bacteria which would otherwise enter the distribution system. Chlorine also combines with ammonia and organic nitrogen compounds forming chloroamine. When ammonia is combined with chlorine, a slower acting disinfectant results which has been found to be beneficial in the suppression of iron-fixing or slime-forming types of bacterial growths.

Chlorination is not employed as a substitute for other forms of water treatment; on the contrary the effectiveness of the process to some extent depends upon other treatments such as filtration. Being a very reactive element, chlorine will readily react with many other substances which may be found in water. If a range of these substances are present in the water even in minimal quantities, they may create a chlorine demand which significantly reduces the available chlorine for germicidal purposes. Consequently, chlorination is usually accompanied by filtration to reduce the presence of substances which may create excessive chlorine demand.

Chlorine is notorious for its pungent and disagreeable odour. The human olfactory sense is capable of detecting only a few parts of chlorine per million in the atmosphere, and a concentration of only 50 to 60 parts per million can cause serious illness within one-half hour to one hour. Being a toxic substance, it is capable of causing major congestion of lung tissue and even death if breathed in sufficient quantities.

The odour and taste of chlorinated water may be produced by the presence of excess chlorine or strangely, it may also occur if insufficient chlorine has been added. In the latter case the characteristic odours and taste are produced when chlorine reacts with organic matter such as algae in the water. When stronger chlorine levels are used, the organic matter in the water is destroyed completely, and the result is water which is virtually odour free. From the fact that water odour is minimal it would thus be misleading to conclude that chlorine levels are low and vice versa.

THE POTENTIAL HEALTH RISKS FROM CHLORINATED WATER

It is amazing to think that a very reactive and poisonous chemical could be deliberately added to public drinking water without an extensive study of the possible harmful health effects being carried out beforehand. Yet with chlorination, this appears to have been the case. In 1951, Dr. W.J. Llewellyn wrote to the editor of the *Journal of the American Medical Association*:

What studies have been made to determine the

100 YEARS OF WATER CHLORINATION

deleterious effects of heavily chlorinated water that is used for drinking purposes? The water supply in our town is chlorinated but not filtered. At times it is possible to smell the chlorine. Could this harm the gastrointestinal or the genitourinary tract?²

The editor replied:

A search of the literature did not reveal any organized investigations on the problem of the effect of heavily chlorinated water on the human body. Allergic manifestations of chlorinated water have been reported. Many cases of asthma have been traced to an allergy to chlorinated water. In all these cases the asthma was relieved or disappeared when the patient drank distilled or unchlorinated water.³

That same year an awareness of the detrimental health aspects of chlorination was expressed by H.M. Sinclair, Director of the Laboratory for Human Nutrition, Oxford University.

Commenting on heart disease, Sinclair raised what in those times must have seemed an almost incredible accusation. He wrote: "It is possible that one of the greatest public health measures ever introduced - the chlorination of public water supply could assist the [heart] disease".⁴ Sinclair himself could hardly have perceived how prophetic the alleged association would be between chlorination and heart disease. In a suggestive study by Ronald Pataki, an astounding correlation of just these factors was discovered in Jersey City, New Jersey, the place - it will be recalled - where the first comprehensive chlorination of municipal water supplies

began eighty years ago. Pataki found that the severity of heart disease among people over 50 years of age correlated directly with the quantities of chlorinated tap water they were accustomed to drinking. Interestingly, he also found a statistically significant correlation which showed that those people over 50 who did not suffer from heart disease standardly drank mostly non-chlorinated fluids, bottled water, or boiled water (it is known that chlorine can be released as a gas from water which is boiled).⁵

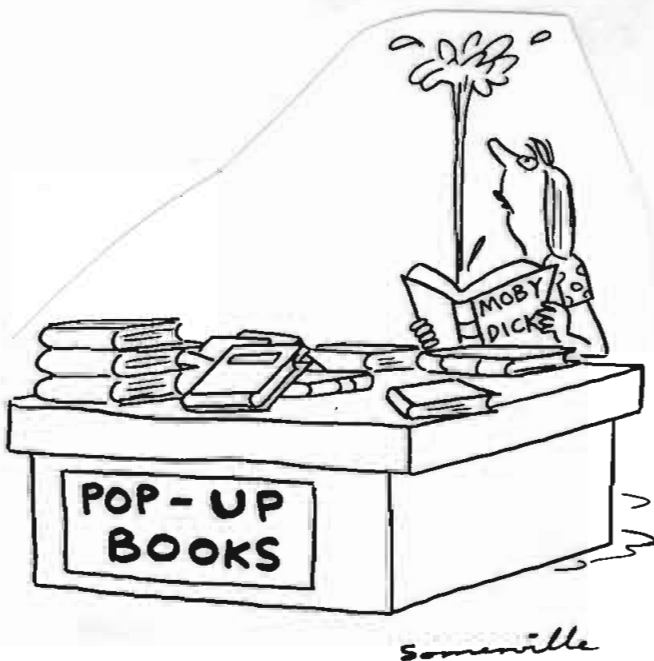
Passwater reports that in South India the water is chlorinated, while in North India, it is not, and consistent with Sinclair's original intuition, the incidence of heart disease in the South is considerably higher than in the North. He also points out that since the drinking water of the northern capital, New Delhi, has been chlorinated, the heart disease rate of that city has sadly begun to climb.⁶ In the *National Enquirer* (December 24th, 1974) Dr. Joseph Price of Saginaw General Hospital in Michigan is quoted as saying:

Chlorine is the cause of an unprecedented disease epidemic which includes heart attacks and strokes. Chlorine is an insidious poison. Most medical researchers were led to believe it was safe, but we are now learning the hard way that all the time we thought we were preventing epidemics of one disease, we were creating another. Two decades after the start of chlorinating our drinking water in 1904, the present epidemic of heart trouble and cancer began.⁷

In his book titled *Coronaries, Cholesterol, Chlorine*, Price reports a study in which contrast to the control group, chickens reared on chlorinated water all showed evidence of either atherosclerosis of the aorta or obstruction of the circulatory system.⁸ Chlorine is further implicated in heart disease by the work of E.P. Benditt, Professor, Department of Pathology at the University of Washington, whose research in 1974 associated plaque formation in the arteries with chlorination. His research suggested that because of mutations in their genetic program caused by mutagenic or even carcinogenic substances in the bloodstream, and other substances released by the arteries as a result of high blood pressure, cells in the arterial wall proliferate to form plaque.⁹

Recent studies by Revis et. al. add further strength to the insidious link between water chlorination and heart disease. They report that they observed "hypercholesterolemia and cardiac hypertrophy in pigeons and rabbits exposed to chlorinated drinking water"¹⁰ and "significant increases in plasma cholesterol and aortic atherosclerosis in pigeons exposed to three commonly used drinking water disinfectants" [chlorine, chlorine dioxide and monochloramine].¹¹

In the mid-seventies the issue of the health hazards



100 YEARS OF WATER CHLORINATION

associated with chlorinated water was raised from yet another perspective. Awareness of increasing levels of toxic chemicals in water, particularly chlorine containing organic compounds prompted the Environmental Protection Agency (EPA) to undertake a national survey to determine the quality of drinking water throughout the USA. Of particular concern was the formation of chloroform resulting from the use of chlorine for water purification. In 1975 the results of the survey were published,¹² and revealed that drinking water from all the 79 cities tested, contained some amount of the suspected carcinogen, chloroform. Concentrations of chloroform varied from less than 0.1ppm in Strasburg, Pennsylvania, to 311ppm in Miami, Florida. Despite these astonishing results, the EPA representative assured the press that the American people should not react with any sense of panic. Although more than 240,000 sizable drinking water supply systems in the US were deemed likely to be contaminated with one or more of six toxic chemicals, at least two of which are suspected carcinogens, the representatives were warned against any overreaction to the findings of the survey saying that "... the benefits of using chlorine far outweigh the potential health risks from chlorine-derived organic compounds".¹³ Despite these assurances, it is clear that the health hazards associated with the presence in drinking water of chlorination induced chemicals are of the utmost seriousness. In 1975, in New Orleans, Louisiana, the tap water was found to contain more organic chlorine compounds than untreated Mississippi River water.¹⁴ The EPA's assurances seemed less convincing when in the following year a major research study reported a statistical correlation between the incidence of cancer among the New Orleans population and their municipal water supplies.¹⁵

By 1987, a number of studies documented the wide range of toxic substances in drinking water which derive from chlorination.¹⁶ In 1987, a study undertaken by M.K. Smith et.al, demonstrated that a number of the chlorine induced components found in drinking water have in laboratory animals caused reduced fertility and increased failure of early implantation. The birth weight of the pups was reduced significantly and the perinatal survival of the pups was adversely affected by at least two of the halogenated compounds. Short term tests for the carcinogenic effects of several of the chlorinated compounds also proved positive, thereby reinforcing earlier findings which linked chlorination and cancer.¹⁷

THE CHLORINATION OF WATER AND THE NUTRITIONAL CONNECTION

We have seen that chlorine is a very reactive chemical in water, but what are the effects once this chemical enters our body where it is exposed to a complex and delicately

balanced biochemical organism? The potential health hazards are staggering, but to keep this paper within manageable bounds we shall confine ourselves to a consideration of the impact of chlorination on nutrition.

Chlorine is a powerful oxidising agent with a redox potential in aqueous solutions 1.36 volts. This means that it readily destroys, oxidizes or combines with organic substances such as certain vitamins, enzymes, unsaturated fatty acids and beneficial bacterial.

Let us first consider its impact upon ascorbic acid (Vitamin C). Amongst other important functions this is a vitamin associated with the body's protective action against pollutants. Vitamin C, however, is destroyed by chlorine.

At the same time, if Vitamin C is present in sufficient quantities, it can during the course of time, reduce chlorine to harmless chloride ion, provided the chlorine has not combined with some other organic compound in the meantime. Thus fruit juices, which contain Vitamin C might plausibly offer some protection against the chlorine contained in the water added to reconstitute them.

Another important vitamin affected by chlorine is Vitamin E. It is well known that Vitamin E is an essential factor for maintaining the integrity of the coronary and reproductive systems. Once again, chlorine destroys Vitamin E, and thus drinking large amounts of chlorinated water may destroy Vitamin E in the body. This particular connection may help explain the purported correlations between chlorinated water and heart disease mentioned earlier. Saturated fats in the diet have been associated with heart disease for some time now, and most people are aware of the increasing emphasis in health education to encourage people to replace saturated fats in their diets with unsaturated fats, couple with a reduction of their overall fat intake. Chlorine reacts readily with unsaturated compounds, and whenever chlorinated water and unsaturated fats are mixed the relevant compound may well be toxic. When drinking chlorinated water before or after a meal containing unsaturated fats, or using chlorinated water in food preparations, it would seem that chlorinated compounds could be formed whose carcinogenic effects we considered above. Chlorinated water could thus bring about the very mutagenic processes which lead to cancer.

CHLORINATED WATER AND THE UNKNOWN HAZARDS OF THE SHOWER

There is another side to the chlorine-water story. When we return from a gym workout or a jogging session or a game of squash, not only are we thirsty but we usually shower or bathe to wash away waste products and perspiration. We have been taught that cleanliness and health go together, and indeed they do, when chemical free water is used. When chlorinated water is used, however,

100 YEARS OF WATER CHLORINATION

bathing may be much less healthy than we ever supposed.

Gasses are as a rule less soluble in hot water, and when water is heated or boiled, dissolved gasses are released. Boiling water is as we noted earlier a way in which the free chlorine content in water is greatly reduced, the chlorine escaping into the air. When we have a hot shower or run a bath, we can sometimes smell the chlorine released as it escapes from the hot water. In a confined shower recess, however, especially one with poor ventilation, the chlorine escapes from the water as we continue our hot shower and steadily increases in concentration in the air we breath. The olfactory threshold for chlorine is about 3.5ppm (parts per million) so when we can smell chlorine, the concentration is already above this level. The lethal concentration for 10 minute exposure is about 600ppm and we suggest that regularly taking long hot showers with chlorinated water could pose a health risk. Chlorine causes pulmonary oedema, and it would seem likely that regular exposure to chlorine gas even at low levels such as in normal showering may reduce the oxygen transfer capacity of the lungs. This could be a critical factor for athletes and for others prone to heart failure.

Another aspect to be considered is our skin. Our skin is an

important protective barrier for our bodies. When we shower with chlorinated water we are essentially exposing our skin to a relatively large volume of a dilute chlorine solution. Some of this chlorine reacts with the oils in the skin to form chlorinated compounds and it is these compounds which may then be absorbed by the body. It seems very likely, considering the strong oxidising power of chlorine, that regular exposure to chlorinated water serves also to promote the ageing processes of the skin, not unlike extended exposure to sunlight. Moreover, chlorine may actually enhance the ageing effects of ultraviolet radiation by reinforcing the process of cell deterioration.

Another skin factor to be considered is the destruction by chlorine of the natural bacteria on our skin. Our skin has an ecology all of its own, which needs to be preserved in order to maintain healthy skin and its associated beauty.

THE EDUCATIONAL GOAL

The complete chlorine-health picture is even larger and more disconcerting than we have intimated in the limited space available. Whenever a toxic substance is deliberately added unreflectively in large quantities to the environment, the overall balance of nature

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TO BE OR NOT TO BE?

150 Years of Hidden Knowledge

by Christopher Bird ©1991

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THE MYSTERY OF PLEOMORPHIC MICROBIAL ORGANISMS

"At the heart of science lies discovery which involves a change in worldview. Discovery in science is possible only in societies which accord their citizens the freedom to pursue the truth where it may lead and which therefore have respect for different paths to that truth."

John Polanyi, Canadian Nobel Laureate (Chemistry); commencement address, McGill University, Montreal, Canada, June 1990.

W

hat follows is an attempt to provide a brief overview of astounding findings made by a band of intrepid and heretical searchers in a field of knowledge that deals with the very smallest forms of life.

Hard as it is to believe, these findings, made over more than a century ago, have been consistently ignored, censored by silence, or suppressed throughout all of that time by ruling "opinion-makers", orthodox²¹ thinkers in mainstream microbiology.

Instead of being welcomed with excitement and open arms, as one would a friend or lover, the amazing discoveries have been received with a hostility unusually only meted out to trespassers or imposters.

To try to present the vastness of a multi-dimensional panorama, is a little like trying to inscribe the contents of thick manuscript onto a postage stamp, or reduce the production of an hour-long drama into a few minutes of stage time.

Involved on the one hand is not only the sheer volume of material, but with books on the subject being hard to obtain, it is also not easily accessible and is sparsely referenced in ordinary bibliographical sources.

On the other hand, the protagonists in what amounts to a gripping saga were, more often than not, completely isolated from one another in space, time or both. They, and their parallel work and research, were consequently often unknown to their potential colleagues and natural allies. It was as if they were adventurers who, thinking themselves to be the sole explorers in virgin territory, were actually all opening up various parts of the same *terra incognita*.

Furthermore, as we have already said, the reports of the discovery of a whole "New World" by these many "Columbuses" were unwelcome. "Old World" cartographers had already made their maps and were satisfied with them.

Therefore, since maps of this territory are sketchy at best, or non-existent at worst, outsiders seeking to penetrate it should remember the Buddhist saying: "The only trails are those that are made by walking." And the ones upon which they set foot will be not so much selected by intention as stumbled upon by chance.

It is for such reasons that, when I thought about how I might approach this subject today, I decided to eschew the formality of any academic approach in favour of telling the tale of my own foray into the little known land of pleomorphic organisms as it actually unfolded. Unlike other speakers at this symposium, I am neither a scientist, an academic or a health professional, but a writer who, for some 20 years, has roved the "frontiers" of science.

I am certain that if any of you have been propelled by some similarly strange twist of fate to go on the same quest, you have taken a different trail from mine.

Yet, as they say, "all roads finally lead to Rome."

FIRST STEPS ON THE TRAIL: WILHELM REICH AND THE BIONS

My first exposure to the world of pleomorphic organisms - though I did not recognise it at the time - came in 1969 when, after returning to the United States from a stint as a foreign correspondent, I was asked by Peter Tompkins, an established author, to help him research a biography on the life and work of a "maverick" scientist, the late Wilhelm Reich M.D.²²

If "maverickness" is a quality attributable to innovators unafraid of developing new ideas and inventions - and often unscorched by the brand of any formal education into the subjects of their research - then that term suits Reich to a "T".

After first making his mark in psychoanalysis as Freud's protege and leading collaborator, he abruptly broke with the International Psychoanalytic Movement to take up an independent career in an aspect of what today has come to be called biophysics. When he bolted the Freudian "herd" in the mid-1930's, most of his colleagues became his bitter enemies.

Exiled from central Europe to Norway, he began working with an unusual microscope equipped with special lenses that could magnify living organisms to 2 - 3000X their normal size, well over twice the magnification achievable with the ordinary microscopes of his day.

Among his extraordinary discoveries were "vesicles," minuscule fluid containing bladder-like sacs, that appeared in infusions of hay and other substances such as animal tissue, earth and coal.

After much experimentation during which he noted a marked increase in the number of vesicles that could be cultured when the preparations containing them were boiled, he concluded that the strange forms he had discovered were "transitional" one lying midway between the realms of the animate and the inert.

To these heretofore unrecognized elementary stages of life, he gave the name: *Bions*.¹

Most microbiologists, not to speak of other life-scientists, undoubtedly looked upon Reich's new creatures as if they had come straight out of Walt Disney's old film, *Fantasia*. If so, they were in for an even ruder shock. For when Reich poured some of his boiled preparations onto nutrient culture media, the cultures began to generate peculiar looking bacteria and amoebae, creating, as it were, well-known life-forms, at least forms akin to them.

There was, of course, the possibility that the newly generated "animacules" - as Leuwenhoek, inventor of the microscope called them when he first viewed them - could have invaded the cultures from the ambient atmosphere or that they could have appeared because the culture media had been improperly sterilized. To rule these out, Reich superheated his bion cultures to find that the ostensibly "dead" mixtures still gave rise to the higher microbic forms.

This led to the further conclusion that bions, as preliminary stages of life, were embodiments of an indestructible life force that defied death. This life energy he called "*Orgone*."

So apparently outlandish a discovery as that of a new "life energy" could not but rile biologists who had long sought to dispose of "vitalistic theories" such as those of the French philosopher, Henri Bergson, who postulated an *elan vital*, or the German biologist, Hans Driesch, who, borrowing the term from Aristotle, referred to *entelechy*. Biology was coming increasingly under the cold sway of a physics which adamantly rejected any "mystical" notions such as those of a "primal creator" or a "force of life", and therefore dutifully took its cue from the branch of science considered "first among peers."

Were all his disclosures not already so heretical as to alarm orthodox, or "correct opinion-making" science, to them Reich next added that microbial bion structures could also be detected in, and cultured from human blood, which, then as now, was and is considered to be *sterile*, an unchanging doctrine still taught in medical schools.

This, in turn, next led him to examine blood samples taken from persons suffering from cancer in which he saw extremely tiny bacterial forms that he connected to that lethal disease process. He therefore labelled them *T-bacilli*, the T standing for *Tod* which in Reich's native German means "death."

It seemed to Reich that there was something unaccountable going on in the bodies of the cancer-afflicted, a degeneration causing healthy life-promoting bions to develop into a death-dealing T-bacilli. Since he had also found these "death bacteria" in the excreta of healthy people, he assumed that they were able to dispose of cancer causing particles, and that disposition to cancer was determined by a level of biological

resistance to putrefaction.

It is at this juncture that I shall ask a leading question that only came to my mind many years after I had, via Reich, begun to delve into pleomorphic bacteriology and its connection with cancer and other degenerative diseases. I ask it because I later found that researchers working in this pioneering field who discovered microbes associated with cancerous states - to which each gave his or her own special nomenclature, thus creating a kind of "Tower of Babel" - instead of looking upon the appearance of the alien forms as an "alarm signal" or "warning light", that is an *indicator* of an incipient disease state, held them to be the cause of the disease.

The question, a central one in this discussion, therefore is: "Could germs appearing in the body be the result rather than the cause of afflictions, if not always, at least often?"

It may be that they are both.

Reich's life ended tragically. For his pains, he was submitted anew to viciously virulent attacks for questioning sacred dogmas of medical science in general and cancerology in particular. The story of this towering, often cantankerous, scientist ended when he was brought to trial and sentenced to a term in a U.S. Federal penitentiary where, in 1964, he died.

The government of our American free republic also ordered that all of Reich's publication on which they could lay their hands - including a privately printed journal, *Journal of Orgonomy* - be destroyed in a New York City incinerator. That order was carried out less than 20 years after the Nazi government in Germany had ordered all of Reich's then existing publications burned on an enormous pyre in downtown Berlin.²³

SECOND STEPS ON THE TRAIL: ROYAL RAYMOND RIFE AND THE "UNIVERSAL" MICROSCOPE

For many reasons, our biography was never written.²⁴ Yet the two years spent researching it was hardly wasted, because it was through the opportunity given to delve into Reich's fascinating research that I first fell, like Alice down the hole or through the looking glass, into a wonderland of scientific "no-no's."

In many ways it was a thrilling, yet troubling experience. Disturbing because, as one long trained to accept things as they supposedly "were", I was brought face to face with an investigative world in which those same things actually "were not". As I went along my trail, I also found that there were many other "were nots" and "are nots" that *were* and *are*!

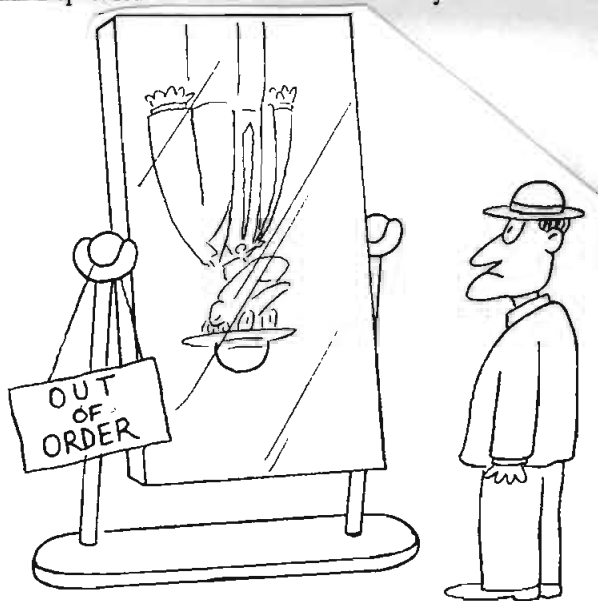
One question was especially rankling: What was preventing new discoveries from being recognised for what they were? Was this because "established" researchers, comfortable with orthodox scientific thinking, or "received knowledge", could not change their mini-sets - in Dr. John Polanyi's words, their "worldview" - to accommodate innovative thinking, or "vanguard knowledge?"

How was it that, in the precincts ruled by the "arbiters of knowledge", the evidencing of "unknown" things, instead of being viewed with excitement, was often castigated as "illusory" or tabooed as "fantasy"?

In 1965, I came across an article that more than just attracted my writer's attention in that, in 1944, it was published in, not just one, but two prestigious journals, that of the Smithsonian Institute in Washington, D.C. and that of the Franklin Institute in Philadelphia.

One third of its contents was devoted to the new electron microscope just put on the market by the Radio Corporation of America, the other two thirds, the lion's share, to a "Universal Microscope" that had been designed and developed in the 1920's by a Californian autodidact, Royal Raymond Rife.

The electron microscope, I knew, while capable of attaining magnifications surpassing 500,000X at excellent resolution, was incapable of examining living things because its radiation killed them.



Somerville

But, as clearly stated in the article, Rife's instrument was able to view living matter at unheard of magnifications reaching at least 60,000X, also at excellent resolution.⁸⁵

With this extraordinary device, Rife could easily view a family of microbes in the blood of sick people which seemingly miraculously transformed, under various conditions, one into the other, like so many caterpillars metamorphosing into so many butterflies. Sixteen stages in all, the same number in Gaston Naessens' somatid cycle.

As a result, he came to the independent conclusion - to which, as we shall see, others had come independently both before and after him - that, depending on its inner state, germs arose within the the body itself that, in Rife's opinion, *were not the cause but the result of disease states*.

That single conclusion completely overturned everything I had learned about bacteriology and disease during a four year course in general biology at Harvard.

Barely able to believe what I had read, and recalling what I had learned during my studies of Reich's bion research, I dropped a book⁸⁶ I was working on to spend two months at the National Library of Medicine trying to track down everything I could on Rife and his superscope. Not only was there precious little printed on the subject but the microscope itself seemed to have vanished from the surface of the earth.

The story of my fruitless search has been told elsewhere,³ so here, I will simply say that my library research showed that for several decades up to 1930, a now all but forgotten, if not entirely lost, school of microbiologists had maintained that, far from holding everlastingly to one shape, bacteria could be caused, under the right conditions of culture, to metamorphose into forms small enough to pass through filters capable of blocking any microbe smaller than a virus.

Because of their sharp disagreement with a camp of orthodox bacteriologists known as "non-filtrationists". These rebels were known as "filtrationists".

One of the earliest members of this school was a Swedish physician, Ernst Bernhard Almquist, who, because he was also an Arctic explorer, had islands off the north Siberian coast named after him.

Almquist made hundreds of observations of pleomorphic bacteria in his laboratory as did researchers in France, Italy, Germany, Russia, and the United States and probably other countries. In 1922, after two long decades of work, Almquist came to the conclusion that "nobody can presume to know the complete life cycle and all the varieties of even a single bacterial species. It would be an assumption to think so."

The furor unleashed in the microbiological world by Rife's microscopic discoveries, as well as by his subsequent electromagnetically-based cure for cancer and other diseases, led to his being put, like Reich, to trial by U.S. medical authorities. The trial proved so traumatic to the highly sensitive inventor that it led, first to a total nervous breakdown, then to alcoholism.⁸⁷

The opposite fates of two microscopes, the electron, and the "Universal", have ever since continued to plague my mind, incessantly pricking it with a philosophical question: How was it that the first, able to see only inert, inanimate matter was universally adopted in the world's laboratories while the second, able to view animate organism as they lived and breathed, went into universal limbo?

What did the triumphant success of the one, and the sad demise of the other, have to say about the basic 20th century outlook in the bio-sciences supposedly dealing with life?

While asking that question, let us add a few more. What is it about the "politics of science" that led two scientific titans - or three, if, by anticipation, we include our host, Gaston Naessens - men who were self trained experts in microscopy, and cancerology, to be brought to trial? How is it that the discoveries of all three have been put on an "Index" as bogus and worthless? What explains their being denounced, all three of them, as deceivers and charlatans in the United States, France and many other countries?

It would take a moment of silence to contemplate the answer to these

questions.⁸⁸

THIRD STEPS ON THE TRAIL: GASTON NAESSENS AND THE SOMATID

From where it had first led to Reich, thence to Rife, my trail next took me, surprisingly enough, to Rock Forest, a small village in that portion of Quebec, just north of Vermont, that is called *L'Estrie* in French, and *The Eastern Townships* in English.

I was tipped off to the existence of Gaston Naessens by Eva Reich M.D., Wilhelm Reich's daughter. Since part of the story of my initial meeting, and 12-year association, with him has been told in the first chapter of my book, I shall not repeat it here.

What I can, and should say, is that if my studies of Reich's research had opened a narrow vista onto the world of pleomorphic microbiology, and those of Reich's work had greatly widened it, then what I came to learn as result of my encounters with Naessens began to afford me a view of the whole horizon beyond it.

My first visit to see Gaston Naessens was in 1979, ten years after a footlocker of Reich's writings had been handed to me by Peter Tompkins for study. During the next half decade I was to learn, through my own experience, the help of friends and particularly through hundreds of hours spent with Gaston Naessens and his wife, a great deal more about what he has discovered in his fascinating research life than is reported in my book. And to learn about the many vicissitudes he has gone through as a result.

As time went by, one of the main things that became most shockingly clear to me was the unwillingness, or the inability of many scientifically trained people to accept or believe what they were seeing through Naessens' microscope.

Instead of heralding the somatidic forms as excitingly brand new, they simply wrote them off as *artifact*, something not naturally present but introduced in error.⁸⁹

A whole essay could be written about how such beliefs spring, within seconds, into the minds of so called "competent" observers the most authoritarian of whom pass along as "certainties" to their followers. All such observers - and they are the vast majority - have, if they have ever heard it, forgotten Reich's dictum for scientific work: "Do not automatically believe in anything, especially what you are told. Convince yourself of something by observing it with your own eyes. And, after having perceived a new fact, *do not loose site of it again until it is fully explained.*" (emphasis added)

If, in this connection, it appears that the aphorism, "seeing is believing", does not necessarily hold true, one may add that the same is the case for the reverse: "believing is seeing".

During one trip to Europe with the Naessens' in the mid 1980s, we were privileged to meet a Swedish physician, Erik Enby M.D. who had experience working with what I learned was one of the earliest, and most talented, pioneers in the field of pleomorphic microbial research. This was a German zoologist of whom we shall say more of in a few moments.

It was because of the language barrier - Enby's spoken English was halting and Enderlein's publications were in German, a language I neither speak nor read - that I could not subsequently penetrate that part of the *terra incognita* where the German scientist had laboured, at least not until 1990.

The peaks in a mountain chain of discoveries made by Naessens have been reviewed in part one of my book. In retrospect, given the whole "patchwork quilt" or other discoveries in this field made by a small platoon of researchers, I would say that his *crowning* find was to have traced the the whole cycle back to its origin, the tiny form he calls the *somatid* and to show how that form not only is all but indestructible, but through experimentation, how it acts something like a "DNA precursor".⁹⁰

All this and more, raises the question as to whether Naessens, in addition to everything else he has done, including the development of a

promising approach for the alleviation of degenerative disease, has not come as close as anyone to unravelling the skein within which lies hidden the very mystery of the *origins of life* that has for so long continued to confound science, as it still continues to confound it. I use the qualification "as close as" because the next twist in my trail was to confront me with the realization that another French scientist of rare genius might have been unravelling the same skein a century before Naessens began to take up the task.

FOURTH STEPS ON THE TRAIL: BÉCHAMP AND THE MICROZYMAS

It was in France, in 1984, that I met a pharmacist, Marie Nonclercq, who after a life spent practising her profession, was spurred to write an award winning doctoral dissertation under the title: *Antoine Béchamp, 1816-1908: The Man and the Scientist, and the Originality and Productivity of his Work.*⁴

The disappearance of Rife's microscope, along with most of his research documentation, constituted what amounted to a lost chapter in the history of microbiological science.

What Nonclercq had been able to dredge up from the annals seemed to be no less than a whole lost book.

I had stumbled, again by happenstance, on a controversy involving a battle between two scientific titans that had for so long been swept from memory that several generations of scientists knew nothing about it.

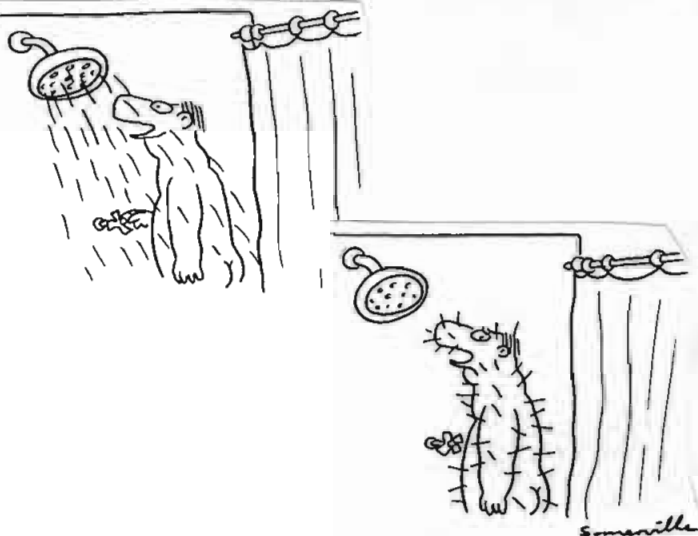
One of the adversaries was Béchamp, the other, his nemesis, the world-famous Louis Pasteur whose name is inscribed on the lintels of research institutes all over the world. The controversy centrally involved their opposing views about the genesis of microbe-fostered disease.

Through a physician in Brittany, Nonclercq came across a thick tome on the history of a medicine⁵ in which she read that, on his death bed, Louis Pasteur had declared: *Claude Bernard was right ... the microbe is nothing, the terrain is everything.*"

In his recantation, the father of the theory - still enshrined as gospel - that the primordial role in many diseases is played by germs invading the body from *without*, seemed to be submitting to evidence that, in actual fact, that role is often played by the body's internal environment, its terrain, its "soil" if one wills, that, changing in nature due to various causes, fosters the development of germs from *within*.

What Pasteur omitted was that his confession had been based not on single insightful statement by France's leading physiologist, Bernard, but by Antoine Béchamp, the man with whom he had been locked in struggle for decades.

Nonclercq's painstaking digging into historical sources uncontestedly



proves that this battle was won, not on the basis of scientific facts, but by Pasteur's being able to overcome his nemesis, a dedicated, but retiring, searcher with no flair for self-promotion, with his highly developed skills in what today is called "public relations."

If the justice of history prevails, the Pasteurian victory will one day prove entirely pyrrhic, at least in terms of the staggering losses suffered by medical science in having, for so long, been constrained to follow the Pasteurian track.

Béchamp's own trail of discoveries began when, attacking the problem of fermentation - chemical reactions that split complex compounds into relatively simple substances - he isolated from living organisms a series of "ferments" he called *zymases*.^{6,11}

Working with a class of organisms called *molds*, fungoid growths that disintegrate organic matter, Béchamp saw them to be formed by a collection of tiny "granulations" which, because of their connection to zymases, he called *microzymas*, or "tiny ferments", lexical forerunner of Naessens' *somatids* ("tiny bodies").⁶

Very importantly, for the purposes of this narrative, he also found that these granulations, under certain conditions, evolved into single-celled bacteria and that, therefore, *cells could no longer be regarded as the basic units of life*, there being something far smaller to replace them.

More than that, the microzymas were seemingly so indestructible that Béchamp could find them even in limestone dating to a geologic period going back 60 million years during which the first mammals appeared on Earth. And he was astonished that *all his efforts to kill them proved fruitless*.

As he was to write, in his third masterwork, *The Blood*, "I am able to assert that the microzyma is at the commencement of all organisation. And, since microzymas in dead bacteria are also living, it follows that they are also the living end of all organisations, living beings of a special category without analogue."⁷

Because microzymas appeared at the inception of the life process - for instance in an ovule that became an egg - and were also to be found, fully active, in decaying life-forms, Béchamp, in a biological parallel to Lavoisier's chemical rule: "Nothing is lost, nothing is created ... all is transformed," was to state: "Nothing is the prey of death .. all is the prey of life."

This seems to recall the old biblical phrase: "Ashes to ashes, and dust to dust ..." On the final page of *The Blood*, Béchamp was even more explicit:

"After death, it is essential that matter be restored to its primitive condition, for it has only *been lent for a time* to the living organised being ... Living beings, filled with microzymas, carry in themselves the elements essential for life, or for disease, for destruction and for death. This variety of results need not surprise us for the processes are the same. Our cells - as can constantly be observed - are being continuously destroyed by means of a fermentation very analogous to that which follows death. If we penetrate into the heart of these phenomena we could really say, were it not that the expression is a trifle offensive, that we are constantly rotting!" (emphasis added).

FIFTH STEPS ON THE TRAIL: GUENTHER ENDERLEIN AND THE BACTERIAL LIFE CYCLE

It was only in the 1990 that, a year after our sequel¹² to *The Secret Life of Plants* came out, and 22 years after I began studying Reich and the bions, I finally had access to the work of another researcher that made the chain of mountain peaks on the horizon of pleomorphic microbial research stand out in clearer historical detail. This access was provided by a book, the first in English on the subject, dealing with the research begun during World War I by German zoologist, Guenther Enderlein, whose discoveries were characterised by the book's author as "some of the most important ever made."⁸

Working as a bacteriologist in a military hospital on the Baltic Sea,

Enderlein, in 1917, finished a manuscript heralded by colleagues as "opening totally new observations of the microbe world." It revealed many different pleomorphic development phases of bacteria and showed that illnesses and their healing processes are bound to exact cyclical and morphological laws.

The manuscript was published as a book, *Bakterien Cyclogenie*, (The Life Cycle of Bacteria) in 1925, shortly after its author's appointment as curator of the Zoological Museum in Berlin.

For inspiring his work, Enderlein gives great credit to Antoine Béchamp as well as several Germans who took up where Béchamp left off, including zoologist Robert Leuckart, founder of the science of parasitology, and Otto Schmidt, who first reported parasites in the blood of cancer patients as far back as 1901.

Given the focus of interest at this meeting on darkfield microscopy, it is of great interest to add here that only by working at this instrument did Enderlein learn that microorganisms go through a forming-changing cycle that, in his view, could take on countless variations leading him to label the phenomenon a "1000-headed monster."

He unequivocally asserted, while different types of microorganisms normally live within the body in a mutually beneficial symbiotic relationship, with severe deterioration of the body's environment they develop into disease-producing (!) forms to create what he called *dysbiosis*, or "a fault in the life process."

Their action, said Enderlein, was not due to any perverse intent on the microbes' part to harm it, but to their *urge to survive* at its expense! In their early development phases they lived in the blood to perform functions beneficial to health, in the later ones, they abandoned that role to assure their preservation.⁹

Since, today, *Bakterien Cyclogenie* has become virtually unknown, it is curious to note that, before World War II, it brought the researcher a modicum of international recognition. It was apparently well received at an international biological congress held in Pittsburgh, Pennsylvania in 1930, and Enderlein's contributions were recognized by his being honored, in 1939, at the Third Microbiological Congress held in New York City.

Despite personal attacks on him by powerful members of the orthodox German medical community, Enderlein was strongly supported by a few courageous colleagues such as the physician and microbial researcher, Dr. Wilhelm von Brehmer, who identified as causal agent in the uncontrolled and malignant growth of cancerous cells.¹⁰

Enby's book also filled me in on historical aspects of how the doctrine that microbes were *monomorphic* - as opposed to *pleomorphic* - had risen to ascendancy, aspects which I had missed while researching my paper on Royal Raymond Rife.

This rise can be attributed not only to the influence of Pasteur (1822-1895), but also to that of Robert Koch (1843-1910), whose "principles" are one of the "Ten Commandments" in microbial research, and his compatriot the naturalist and botanist, Ferdinand Julius Cohn (1828-1898), who insisted upon the *constancy* of bacterial types and their classification into rigidly set groups and species based on their structure and form.

Entrenched as dogma, the Cohn-Koch view was taught to many Americans who went to Germany to study medicine after the turn of the century and who, in turn, brought it back to the United States where, becoming the ruling outlook, it brooked no opposition.

IN LIEU OF A CONCLUSION: THE TRAIL WINDS AHEAD

What I have presented to you is only an account of a personal trek into the mysterious country inhabited by pleomorphic organisms. I gave it to you "piecemeal" so that you could share the uncertainties and surprises met along the trail that are normal to any exploration.

The country surveyed has been only superficially charted but, as a result of my exploration, my knapsack is filled with a heap of sketches, that, given the time necessary to accomplish the task, would one day allow me to prepare a map of the territory in all detail.

In book form, this map could easily provide a tale as exciting as any told in the best detective thriller. All that is lacking is its ending, and the ending "devoutly to be wished" is that the labors of so many stalwart workers in the field of microbial pleomorphic research will find their fruits in the acceptance of their findings - and the applications of therapeutic modalities to which these have led - for the benefit of the sick and the suffering everywhere.

The first chapter of Dr. Enby's book was entitled: "Origins of a Medical Revolution." That revolution, still in progress is not over. Since Enderlein's book came out 65 years ago, its conclusions, like those of Béchamp before him, have continued to remain unacknowledged by the scientific community as a whole. This is not because many other researchers have not bent every effort to bring out the truth, to make the revolution happen. Consider, for instance that, way back in 1927, an American microbiologist, Dr. Philip Hadley, who much admired Enderlein's work, published, in the *Journal of Infectious Diseases*, a 312 page article, "Microbic Dissociation", based on work conducted at the Hygienic Laboratory of the University of Michigan. In this article, Hadley foresightedly noted:

"It will probably be many years before a true appraisal of Enderlein's contribution can be made. In the meantime, we may regard with not little admiration his manifestly careful attempt to put a degree of order into the chaotic state of the study of bacterial cells. I believe that Enderlein has blazed a trail which, at least, in many lines of advance, other bacteriologists sooner or later are sure to follow."

Those words were written 64 years ago, but few have been the bacteriologists to take up Hadley's challenge.

One who did take up that challenge was born only three years before Hadley laid it down. We are in his presence today. In a life of devotion and, isolation, half of it in his native France, the other half in Quebec, the land of his adoption, he has kept alight, and borne forward, the torch lit

and carried before him by Béchamp, Enderlein, Rife, Reich and so many others.

Now he has emerged from cherished anonymity into the limelight at a symposium of his summoning to which you have come, many of you from far away, to hear what he has to say and to see what he has to show you.

It maybe that his discoveries will determine whether the field of microbial pleomorphic research will at last emerge onto scientific center-stage.

Will that emergence soon happen?"

Is it "to be or not to be?" For that, as Hamlet put it in another context, is the question.

Let us salute Gaston Naessens and his triumphant accomplishments.

REFERENCES:

R1 The word "orthodox", stems from Greek ortho - (meaning "correct", or "right", or even "upright") and doxa ("opinion"), the latter coming from the verb, dokein ("to think," or "to seem"). Traced to its roots, orthodoxy thus connotes "opinions that seem, or are thought to be correct."

R2 Untranslatable into any other language, the word "maverick" denotes one who refuses to abide by the dictates of his group, in other words, a "dissenter". Most people do not know that its etymology comes straight out of the cowboy culture of the "Old West" where the term was applied to an unbranded, or orphan, range calf or foal traditionally considered the property of the first person who brands it. The English speaking word is indebted to an early Texas cattleman, Samuel A. Maverick (1809-1870) who did not brand his calves, for involuntarily donating his name to its lexicon.

R3 The world, and perhaps the only, expert on Reich's bion research is Dr. Bernard Grad, professor of biological sciences recently retired from McGill University in Montreal. In his student days, Grad spent much time working with Reich at

Continued on page 68

SECRETS OF RADIONICS

Pt 3

MACHINES THAT CAN PROGRAM REALITY - A FUTURE PERSPECTIVE

by Peter Nielsen ©1992

TIPPING THE ICEBERG

If you've read the last two articles in this series, you may not believe that each material thing is no more than a condensation of cosmic energy, brought about by invisible, converging lines of force. Interdependency is the web of life. You saw plans for building a simple device, capable of altering reality by refocussing these where they originate, in a world of instantaneous cause and effect parallel to our own. Instant equates to no space, no distance ... or all possibilities accessible "here", relative to each Radionic operator. It objectifies the inner freedom of the mind.

This final part offers practical advice for improving life, in the form of a utopian fantasy. You know, like tie-dyed curtains in Parliament House. So we can speak freely about health customs, the "people" in our story are not really human. We'll call them "Partians", because they eat Mars candy bars ... but only halfway at a time. Certainly, they get progressively closer to the end, but never actually finish. It's a survival adaptation to the recession. Every one of them is just now completing their own Radionic set ... and has been for the past five months. That's why we could wait till this issue to reveal the final SECRETS. Sit back and be confounded.

UP THE SYSTEM

The circuit illustrated is an electronic upgrade of the one in "Part Two" (Nexus Vol.2, #5). Some of the wiring paths need to be changed. If you've been using the previous design, you should notice a marked difference in performance. And why not? Look at all those extra bits, each one an ever-bubbling atomic stew, frozen like a TV diner in the present moment of our awareness. Don't look now, but their immediate future is being coagulated out of the formless ethers "up there" in H.Y.P.E...R...S...P...A...C...E... - and you are holding the cookbook. Eternal change IS matter, nodes of compacted vibration

that appear solid to other solids. Aside from projected "mind powers", physical objects themselves, with their inter-dimensional cording, represent our only handle on that realm of predestination. Move things around down here in an ordered fashion, and interpenetrating emanations, sustaining a whole network of conceptually related phenomena, must realign back at their ultimate source. Life is a two way street that meets where you're at. "As above, so below", AND vice versa. Grasp the reciprocal threads of creation with SYMBOLISM, and dreams become reality.

Radionics adheres to electronics as a self-contained system of manifestation ... an amplifying waveguide for sheltering our PERSONAL intent from the cosmic storm. Unlike ritual articles, limited in potential associations by their OWN identity, its tuning is the UNIVERSAL language of mathematics, enacted upon a pure carrier energy, in numeric proportions of inertia, resistance or stress. Although some persons insist a diagram, talisman, or macramé works as well, these rely on personal empowerment, and fall outside the advantage of our self-propelled devices.

If you've been watching television, you know there's more to reality than meets the eyelids. The signals are propagated as abstract intelligence codes which are translated into believable magic by the idiot box. We cannot disguise the fact that we are also hapless receivers of sensory fields, but we can change the content of the incoming signals at their source, by programming their REFLECTION from our end. This implies a conscious balance between receptivity and projection, the razor's edge of occultism. Anything else is locked into toy land, karma, or secondary resonance effects. In optical science, this retroactive process is termed "time-reversed waves". Of course, 100% true reflection is BEING the storm.

CLASSIFIED MATERIAL - NOT FOR HUMANS

Armed with Radionic fervour, our intrepid Partians now set out to finish the world. Let's take a few excerpts from their own "Reality Engineer's Handbook". The order roughly follows the flowchart in the previous article. Oh, perhaps you're wondering how they ever finished their instruments? Upon reading the above paragraphs in pre-publication form, they realised that while half a chocolate bar is always half of a chocolate bar, the whole chocolate bar is half of some larger reality ... and so on in ascending order of significance. They declared the recession over, and entered upon the graduated path of completion. With broader horizons, the smaller things are starting to get done.

UPDATED TECHNIQUES

Consult previous articles for preliminary instruction. Your new equipment has an on/off switch, and self-flashing LED to pump electricity through a 250 ohm reed relay coil. All, including "donut" magnets, are sold through Tandy. This serves two purposes. It transfers the tuning to external carriers in nature, without the need

for an earthing wire, and the interrupted signal has greater reactivity on target. By substituting the ELF oscillator on pages 38-41 of Nexus Vol.2,#3, and "errata" on page 36, of Nexus Vol.2, #4, the magnetic coil can be ADJUSTED to stabilise the operator's mental activity when tuning, or coincide with the vibrational affinities of an intended recipient during broadcast. Set it with a dowser's pendulum, "stick plate", or just knob it until the flickering LED feels "right". Subliminal intervention from competing realities at all points along the "line-of-action" is also reduced.

Also, when the mind is over-active, IN-tuition may be obscured. Calm it with the radiated influence of SLOWER frequencies in the more receptive alpha and theta range. You can then selectively isolate what is happening inside the box, as though it were an extension of your own consciousness ... like listening for cockroaches at a CWA luncheon.

CONDUCTIVITY

Remember, each energy source you choose has its own "rules", and advantages. Its movement MUST be only one-way, and relatively free of identity, like clear water from a dam. Tuning

**Eternal change IS matter,
- nodes of compacted
vibration that appear solid to
other solids.**

requires linear motion, not turbulence. Electrons seek a hard-wired conductive path to lower potential, with minimal added resistance. Run wire in gentle curves, always insulated, ideally black. In addition to travelling that route, as "virtual" particles, focussed magnetism, light, and mechanical stress can jump open space to a zone of lesser concentration. Varying this parameter is a tuning in itself, analogous to microwave cavity resonators. Make your circuit consistent with these properties. For instance, exclude light totally, unless part of the process. Some purists use silk thread for non-electronic instruments. Well, even unflavoured dental floss might work in a pinch. One yet-to-be-explored area is fibre optics or lasers, with controlled reflection, refraction and amplification of image-carrying photons into radiant geometric forms.

PHI IN THE SKY

Dimension the box itself to cosmic proportions, as represented by the Phi "golden" ratio, Teleois, Fabacini series, etc. From the interaction of these energy templates, in the form of cyclic waves, the infinite diversity of nature is woven. In other words, within them lies ALL potentialities, as a divine symmetry hidden behind the biological limits of our own perception. Science's fragmented attempts at control, by short-circuiting minute features of this Grand Design, have created a superficially elaborate world in conflict with itself. Work in concurrence with higher dynamics, such as planetary and lunar cycles, for unrestricted power. As you ascend the scale, you will transmigrate into spiritual resonance with them. Wood is easy, but no diminishing factor has been noted from opaque plastic or metal in active circuits. A circular enclosure, with harmonising flowpaths and tuners around its centre, results in a futuristic art object resembling a Disneyland space ride. Photos of our Nexus instrument will appear in the next issue.

OBTAINING ENERGY SURCHARGE

The added input socket admits extra force to the whole circuit, using a single lead from EXTERNAL COLLECTORS ... the Radionic motorist's equivalent to burning rubber. Attach an insulated wire to the apex of a pyramid, a shiny disk in the sun, magnets, holy water, spiral coils, photo of the guru, wrap it around a crystal, run it up a tree, tape it to your head while meditating on the void ... in short, anything perceived as an untainted power source. Some are bipolar, with retrun lines of force to a "negative" zone. Help isolate the outgoing energy by setting up other sources in geometric opposition to the return flow. Don't use the mains, please. Partians used this technique to demonstrate not being half dead. God seize it all.

Want an amplifying jolt from electrons in the wild? Place a "magneto-hydrodynamic" loop of wire around falling water, or send up some thin wire on a helium balloon. Both will produce a respectable voltage gradient, but at infinitesimal current. Direct this through your targeting input plate, and tuners, to the lower potential of earth. Use a zero-resistance circuit employing substance transfer, or inertial vectors ... see section below. Try diode and capacitor arrays to rectify stray EM energies from the air.

Compressed springs, stretched wires, sprung plates, Zen archery, your mother-in-law ... or anything else held in a state of tension, are reservoirs of compensatory force. Attach them by one wire to that section of the circuit you wish to enliven. These can emit directional lines of force, suitable for in-series amplification, through curvature, like a lens. Visualise the pressure leaking off where stress is strongest, and drawing in where less. When the input and output terminal is wired to your right and left hand, respectively, a "bio-circuit" is created. This accentuates the dowsing response, or influence upon a living (non-human) subject when present. NEVER place an actual voltage potential across the body, or use other than small batteries.

SUPER-SONIC DIVERSION

The hyperspatial half of magnetic tape is sensitive to an unsuspectedly wide range of environmental influences. It allows us to take a recording at a known power spot, and play its quality of energy back through a small speaker placed over the specimen and plate for amplification. This obscure technique can also be used for targeting and/or tuning. For instance, make three tapes ... yourself reading something emotionally involving, a running stream, and a noisy street. Have each of the second two played with the first, where you can't hear them, and see if you can inwardly feel a difference. For optimal results, sit in the exact place where you made the voice recording, and at the same time of day. As always, keep the mind receptive and awake.

PILGRIMAGE TO POWER

Here's why it's best to make your own Radionic Set. You can "charge" any object, or your life's path, through CONSCIOUS, extraordinary effort. Vitality, or prana, is yet-to-be actualised mind essence. Why blow it? The energy expended in constructing your instrument, when so directed by mental imagery, confers upon it a "bank balance" of psychic force. Better yet, try building it with one hand, and not get irritated. Simulation of this optional stress input is accomplished by the three opposing magnets in our Nexus Radionic Set, but in theory, there is no limit to your added input. Some claim the Soviets were "tuning" convergent radar beams, and nuclear explosions to create or destroy tangible interference patterns at a distance. This is technological asceticism. The American plains indians hung themselves from fish hooks. At peak thresholds of faith and penance, miraculous transmutations occur. Ye Olde

Religion was the first physics. Open your tree today at any branch.

CORRECTING FLAWS IN FLOWS

Many farmers still don't know nature conserves "life" energy by moving in curves ... the path of least resistance on a spinning ball, teased by gravity. For instance, irrigation lines are traditionally laid out in energy-depleting straight rows. This lost vitality, resulting in more vigorous crops, may be restored to water with soft bends and spirals, the dimensions of which might simultaneously impart a Radionic tuning. Place soil nutrients and pesticides on counter-clockwise, flat spirals of flexible tubing, to draw molecular radiations downwards into the water flow. Conversely, APPLY all liquids using a clockwise vortex, toward plants. This alters the spin ratio of transported chemical atoms, which, in normalising upon landing, exert added influence.

Cooling water releases its stored charge, through contractive de-excitation of orbiting atomic fields. When cold, existing energy is more closely bound. Psychic events, translating from higher planes of vibration, bleed off excess energy, with a distinctive chill. Objects becoming heated, draw lifeforce into THEMSELVES, at the expense of others. Water also behaves as a gravitational storage battery, imparting a psychic "lift" when falling, in proportion to the work against gravity originally required to elevate it. UP - OUT - HOT, and DOWN - IN - COOL, correlate with depletion and dispersion of enlivening properties, including electrons, respectively.

AGRICULTURAL SUBSTANCE TRANSMISSION

The molecular geometry of each substance gives off subtle rays. Using a Radionic Set to "broadcast" this radiational signature from a small sample of farm chemicals or insecticides is dirt cheap, and leaves no toxic residues. Place a photonegative of the crops on the input plate. Cut out areas you wish not to be affected. Then add a bit of the alterative substance thereupon, augmented by a supportive setting on the tuner, if desired. Do not let it contact the unstable film emulsion directly. For general use any remedial agent, from gemstones to Geritol, may likewise be introduced to the magnetic vortex. Before sending, invoke the pendulum or stick plate to test "yes or no" for their potential efficacy. Try superimposing transparent film of various colours from the newsagent or theatrical supply. For indications, we suggest the book "Colour Healing" by Dr. Rueben Amber. In the absence of a targeting material, immerse the instrument's earthing wire in irrigation water flowing to crops. Same principles apply experimentally to treating livestock, or transfer of tuned vibrations to a water/brandy mixture for homeopathic simulations. Send \$2 to Nexus for a list of 300 dial settings for these at 30C potency.

A simple on-site application can be made by driving an iron pipe halfway into the ground, filling it with your preferred reagent, and capping it off with a magnet ... north facing down. Fasten a flat disk on top to collect energising solar rays, and protect from weather. Always try to use golden ratios to boost these "passive" devices. They may also incorporate purpose-tuned Radionic proportions within added structural elements, like a mini-cathedral. All land features contain natural lines of transmitted force, and these implants are best placed, like Celtic standing stones, where they intersect. Consult your local dowser.

HOLY GRAIL

An alternative to the metal input plate or cup, is a pyrex well, obtainable from scientific glassblowers .. or an ordinary spice jar. Natural radiation from the "witness" may again be transferred by a stack of magnets, or wrapping a low voltage coil around it, and securing with light-excluding tape. A

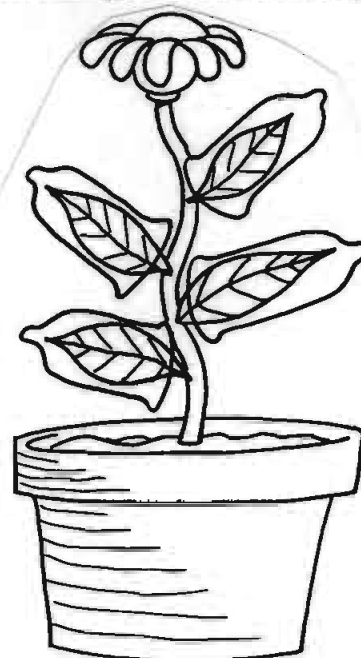
disembodied relay coil, fastened south pole upward to its underside, accomplishes the same, assuming it, the tuning bank, and antenna are wired in series on the same active circuit. Non-conductive targeting material may also be clamped between two metal plates, as a capacitor in the path of an AC carrier signal. See "Going All the Way" below.

FINGERS OF FATE

In place of potentiometers, try the following as variable geometry tuners. If you intend an electrical flowpath, minimise their resistance accordingly to balance reactivity and conductance. One variation is a "pot" with a small electrolytic capacitor spanning the resistance between its two outer terminals. This forms a self-resonating "tank" circuit, which can be tapped in tunable proportions by the centre wiper. For low power circuits, a rotary switch, with 0-10 positions shorted by a semi-circle of wire, as used by Dr. Ruth Drown, offers no attenuation, while still imparting the desired inertial effect. Typically, devices substituting variable plate condensers, such as the Hieronymus type, employ only two or three knobs, indexed 0-100 over 180 degrees. Predefined numbers are NOT necessary, if you custom-tune for each purpose, by interacting a mental image of the desired effect with your finer nervous system (dowsing), as described in "Part Two" of this article. This circumvents "diagnosing" the problem, and ensures that unknown variables are fully addressed. Incremented stress, or "tensor" fields, as a self-energised tuning modality, can be fashioned of variable leaf springs, steel wires or deformable metal plates, something like New Age musical instruments. Multiple banks of ANY configuration can be paralleled to admit several complementary influences at once to the circuit.

ANTENNA = AMPLIFIER = TUNER

In Radionics, all design features are active, and to some extent interchangeable. Depending on polarity, topology, and position within our circuit, the same structure can be an energy collector, radiator, in-circuit amplifier, or centripetal vortex for accessing vibrations from a targeting or influential substance. When several elements are arrayed in coded sequence of size, mass, shape, etc. to an initiated



Samville

SAFE PHOTOSYNTHESIS

energy flow, a concurrent tuning is possible. A broadcast tuner can thus be an open-frame, proportioned antenna with self-amplifying features, a clay pot, shaman's drum ... or piece of jewelry. In a sense, everything in existence, living or inanimate, is its own Radionic set, stranded on one tuning. Mimicking this effect with simple materials, offers unlimited possibilities. Examples anyone? 1) Charge accelerates toward the outside of curved surfaces. Nesting a few in series, on a threaded rod through their centre, creates a unidirectional flow. Bicycle bells, copper float balls cut in half, or the top of metal ball hitch covers are ideal for this. Use uniform spacers of rubber hose ... or, you guessed it, cut these to proportional lengths to impart a simultaneous tuning. Add a witness, a few donut magnets, and shove it in the ground ... or any output antenna accessing lesser potential. 2) Wind two identical coils from solid insulated wire, one clockwise, one anti-clockwise. Join them together at one end and solder to circuit. Attracted energies, precessing in opposite directions, will collide at the junction, releasing acquired inertial force. A tuning could be effected with several, by ratio of turns, diameter, geophysical orientation, mechanical compression ... ad infinitum. 3) Form a seven-turn, counter-clockwise downward SPIRAL, from 1/16" brazing rod on a plastic funnel. Place targeting "witness" inside. Captured particles speed up as they progress from large to small diameter. Use singly as an amplifier, or in multiples for a self-energised tuning bank, each having a movable clip, wired in series with the others, to pull off energies to a lower gradient at dissimilar points along their path, thus effecting numeric relationships of velocity between them. 4) Thread wire in and out through the hole of a speaker magnet, wrapping the whole circumference. Align your flow so it is carried by the toroidal field ... inward through the centre, at the south pole, out of the north and around the outer diameter back to south again and again. At the end of the winding, you come out the centre at north, and keep on going. Tune by varying turns ratio between several in hooked up series.

GOING ALL THE WAY

Pulse the circuit with an XR 2206 function generator, optimising frequency and waveshape for each broadcast with your stick plate.



Several of these, when fed to a mixer, form a sophisticated ACTIVE tuning system, based on Fourier synthesis. White noise is another winner. It contains all possible resonances, for sure-fire capture of targeting and tuning radiations, bandwidths unknown. Modulation of either carrier, at earth-resonant frequencies, ie. 3.5, 7.83, 10.5 Hz., aids lossless propagation within the planetary field. When amplified, with most any conventional device, the relatively weak activity of our programmed subtle energies is boosted far above normal ambient levels, as part of the electronic signal. A step-up transformer may be matched to this output for even greater voltage potential at the antenna. For instance, when reversed, a 240 to 12 volt rating, provides a theoretical increase of 20 times. Other choices are auto coils, TV flyback, or 8 ohm to 1K audio transformers. If you want to ride electrons, these run negative to positive. The convention is compensatory, or current flow, in the opposite direction. Experiment with "form resonance" by matching a generated frequency to hand-built wire geometries, ie. pentagram, triangle, circle, to enhance their metaphysical properties. Makes good output antennas too.

TIGER'S TAIL - OUTPUT END

For ELECTROMAGNETIC propagation - A straight antenna of suitable wavelength. Wire fence around a field. Aluminium window frames. Spirals. Coils of suitable resistance. Metal stakes in the ground. Piezo-electric crystals. Copper screen. Flat plate capacitors. Tubular caps project a straight line of force. NON-INDUCTIVE or "scalar" modes - Deliberately converging any equal forces, dumps their kinetic energy, and any infolded tunings, into the immediate environment, or at the targeted site. One way is through a zig-zag of parallel wires or conduits, with the flow in each adjacent one opposite to the next. It also crinkles the gravitational pressure, admitting a breath of fresh air and levity. Caduceus coils. Mobius strips. "Black body" radiators. Opposing magnetic or electrostatic fields, water jets, Sumo wrestlers, etc. Observe FCC regulations on legal signal strengths at commercial frequencies, to avoid zero vector cancellation with the authorities.

BE THERE NOW RITUAL

To determine if your periodic transmissions are working toward the desired cumulative result, at the beginning of one session do this. With the rate set, turn an unused knob to "ten". While doing the pendulum or stick plate, rotate it slowly, as if to take about six seconds to reach "zero". At some point on the scale, you will get that sticky reaction, indicating the pre-existing level, on target, of the property you wish to augment. After a half hour broadcast, do it again. The number should be higher, verifying a reorganization of subtle energy toward your intended purpose. This intuitive system can be used for any distant quantitative reading, as defined by your witness and tuning.

For mineral prospecting, lost persons, or remote archeology, plug a pointer into the input socket. Run it first along the horizontal, and then vertical border of a map, while rubbing the stick plate. Mark where you get each affirmative response, and plot the intersection. Have a sample of that which you seek on the plate, or find a representative rate on the dials. Measure with intensity reading before digging. There's a lot of gold teeth in cemeterys.

IMPROVISING CIRCUITS

Working with limited resources is tackled, by adopting this systematic approach. It's a short course in bush temple architecture. Ask yourself these questions: 1) Is there an energy source handy? 2) Can I find materials to

conduct it? 3) Are there objects that can be moved to tune this flow? 4) Can the tuned energy be made to proceed uniformly inward or outward? 5) If the effect is to be distant, do I have a targeting specimen? In most cases the answer should be, "yes". Here are four graphic examples ... composite techniques from hard-core researchers. To avoid dissipation, it is important to limit the target area and extent of influence as far as practical. Change which is grandiose, or in serious conflict with prevailing factors, necessitates super-human dedication. Find the weakest link that will initiate results you can see, one that is dynamic by nature, and build upon that momentum.

PAST LIVES AT STONEHENGE

For this you will need to find a natural vortex outdoors (ascending or descending, as required) by dowsing ... or create one on the living room carpet, using a strong magnet or crystal. Remember, the north-seeking pole pushes out, and the south pulls in. On levelled ground, circle this with quartz crystals at measured intervals to represent the numeric sequence of a Radionic tuning, when swept radially. If there are seven digits, leave one eighth of the circumference vacant as a "reset". When the north pole is facing upwards to remove unwanted qualities from the soil, the crystals should be pointing outward, and the proportional spacing begun just clockwise of the blank section. The reverse is true for implementing the injective south pole. Nice healing or meditation ceremony.

COSMIC DIPYARD

We came to a natural environment with trees, open space, and a rocky stream ... but brought our work-related migraine with us. Let's transfer its negative energy to water. Dig a counter-clockwise spiral into a firm level bank, with a depression at the centre. A bucket works well to prevent cave-ins. Use a pendulum to dowse out the placement of stones along its circuit that will relieve your headache. Stake them in place with twigs. Make a channel from the running water to the outermost circumference, and sit or stand in its path. Dislodge the root system of a climbing vine, leaving the top attached, and place it on your head as an antenna. Beware of tree snakes and lightning storms. Bail out the hole periodically to prevent overflow, and dump it thoughtfully downstream.

PIZZA THE ACTION

In the home, place a pizza tin facing the sun. Clip on a wire, and connect it in series with a tuning bank of three identical waterglasses. Hold your intention in mind, and fill each to a different level, using the laminex countertop as a stick pad. Remedial substances, food colouring, etc. can be added to the water. Some people can taste these when hooked up. Try cayenne pepper for amplification. Wrap a wire leading from the last container around the handle of a spoon. Hold it in your left hand, ringing the glasses in sequence,

timed to your heartbeat. Grab the kitchen plumbing with the other, and hold on. The sound melody of three notes may be recorded on tape and recirculated automatically by fastening a speaker, with double-sided tape, over a photo of yourself on the back of the pie pan. Hum it during the day. Clip the tuned output to a water tap when leaving.

WHY GOD MADE APPLES

Using a pendulum or stick plate, find a numerical relationship to assist your unhealthy tree ... say 4-7-2-3. Get a scales and weigh or cut rocks, to the same dynamic ratio. Or, you can have a potter make an entire set of ceramic ones for you. Tie these, just off the ground, to a strong branch with cord, beginning with "4" farthest from the trunk. Beats garden gnomes as a conversation piece. You can also make Radionic windchimes by cutting aluminium tubing to proportionate lengths. The antenna is your ears, and whatever's between them.

HEALING AND THE LAW

In the UK and Europe, Radionics is legal, and on par with Homeopathy as a therapeutic modality. Even the Royal Family supports it. Its practice does not preclude medical knowledge, and so most operators are accredited in some professional capacity. In the USA, usage is tolerated only on oneself, I believe, or under licensed research. Energetic remedies of all promising kinds have been vigorously contested by vested interests, resulting in restrictive legislation. This even applies to Radionic agriculture in some States. The vision of thousands of laymen diagnosing illness with apparent success, across vast distances, from a half-empty box, was particularly haunting. In Australia, the picture is typically vague, and calls for a play-it-safe approach. Never make claims or receive payment. As an unlicensed practitioner, vibrating other persons with a scientifically quaint device could make you liable, and it is definitely unethical without their consent. It's sort of like this. Radionics may come under closer government scrutiny if either promoted "fraudulently" ... or demonstrated capable of influencing public servants and industrialists over distance. But how can you outlaw rocks? Interesting dilemma, but then there are as many uses for reality engineering as there are realities.

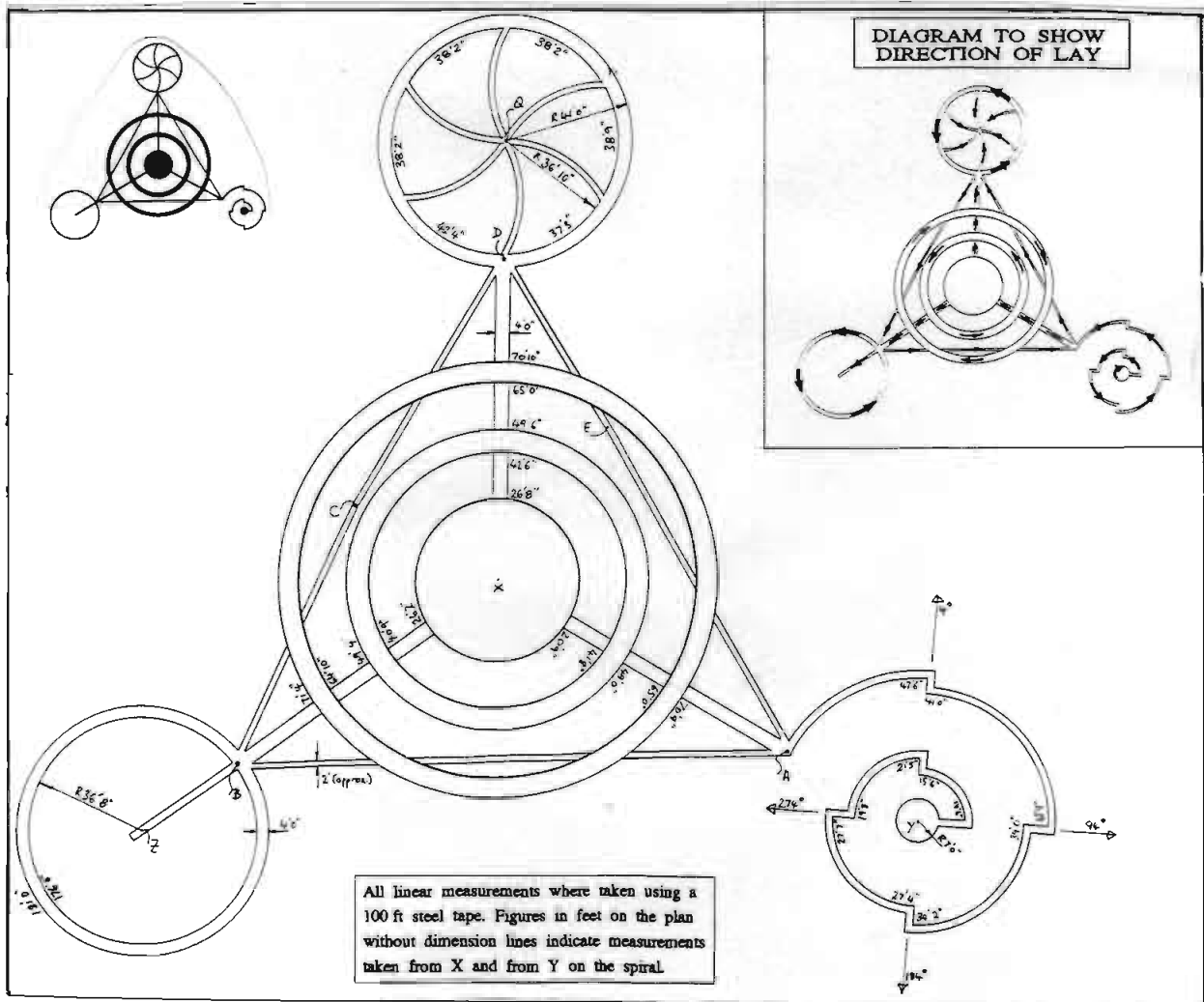
DISCLAIMER

Partian physiology differs markedly from ours. It is not recommended that you try any of their techniques. On the other hand, it is not recommended that you don't. Halfway between the two is all the way to somewhere else. Keep on experimenting. The book, "Report on Radionics", recommended in the previous article, is now available from Metatronics P/L, PO Box 795, Byron Bay, NSW 2481 for \$30 ppd., while supplies last.

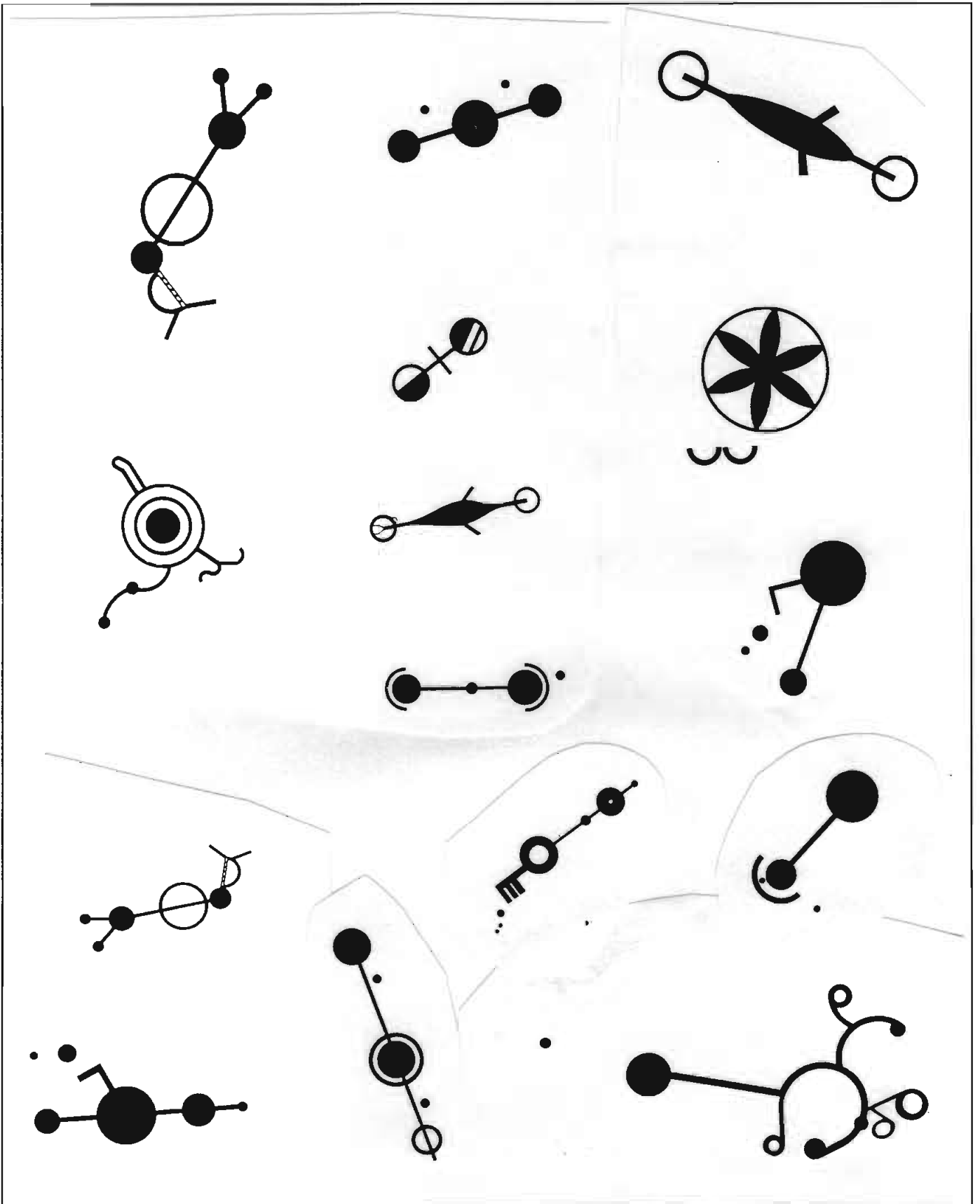
CROP CIRCLES - The Class of '91.

Crop Circles - the mystery of the 20th century. Each year the patterns become more numerous and more complicated.

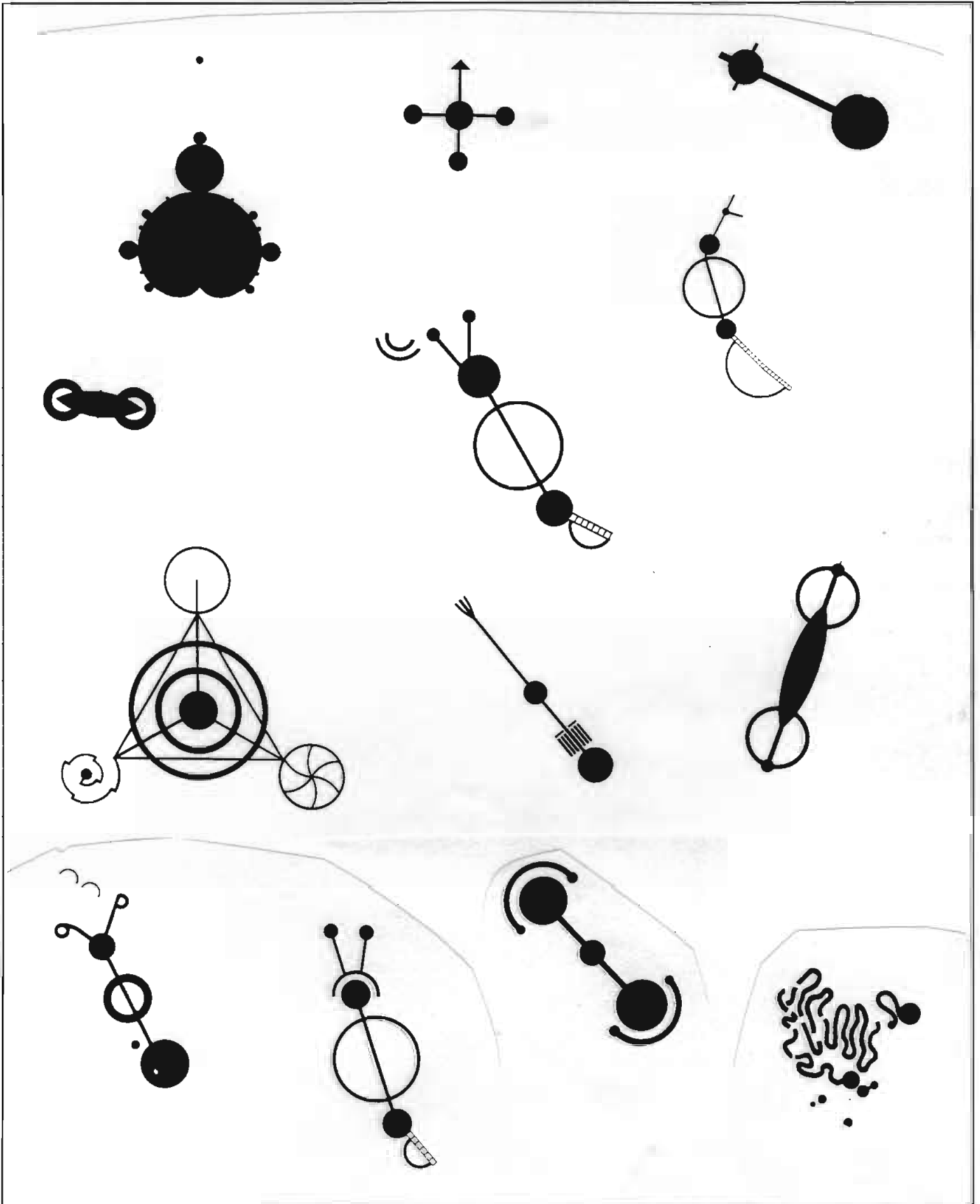
We are pleased to present some of the best 'pictograms' of 1991, as published in *Crop Circles - Harbingers of World Change*. (See book review section).



CROP CIRCLES - THE CLASS OF '91



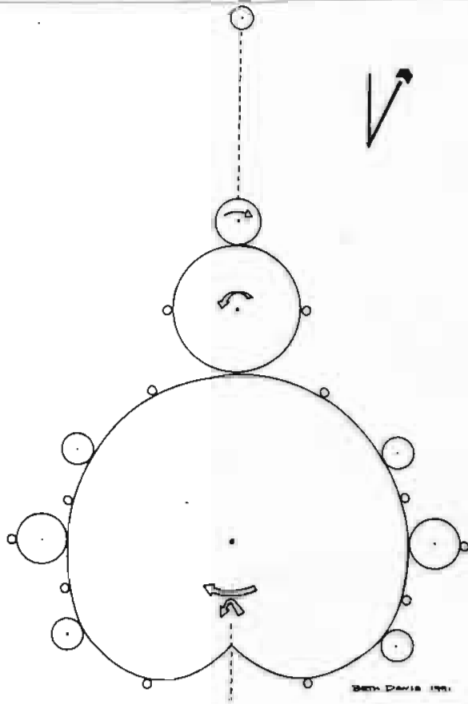
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CROP CIRCLES - THE CLASS OF '91

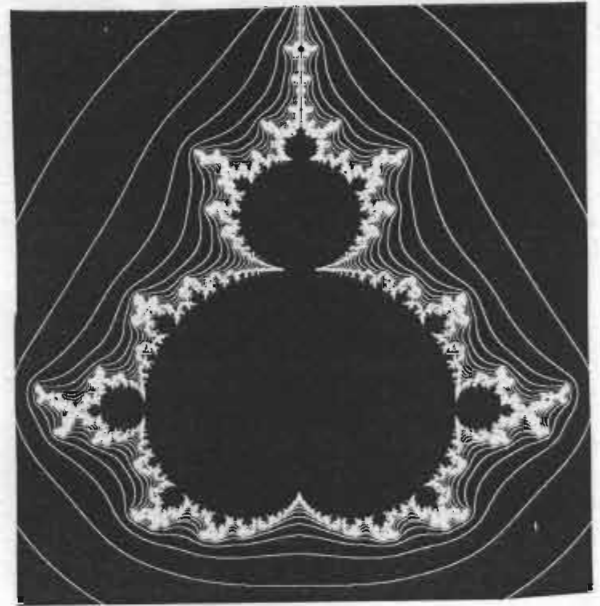


SCALE - 10 FEET



THE MANDELBROT, ICKLETON

BETH DAVIS 1991



MANDELBROT SET

NEW RADIATION BELT DISCOVERED INSIDE EARTH'S MAGNETIC FIELD

A team of American and Russian scientists, working under the 1987 US-USSR Civil Space Agreement, has reported the discovery of a new belt of radiation in the earth's magnetic field.

The scientists say that the new belt is formed from the "anomalous" component of cosmic radiation. This component of cosmic radiation consists of ions with only one of their orbital electrons missing, whereas most cosmic rays have lost all their orbital electrons. This makes it possible for anomalous cosmic rays to penetrate deeper into the earth's magnetic field. Some of these ions graze the earth's atmosphere causing their remaining orbital electrons to be stripped away. When this occurs, the ions can no longer escape the earth's magnetic field and may instead become trapped in it. The team found that the trapped oxygen ions have about 1000 times the intensity of the anomalous cosmic ray oxygen in nearby interplanetary space.

(Source: PR Newswire, US Naval Research Laboratory, 4th Feb 1992; via MufoNet News Wire)

POLIO FROM NAPPY

Southampton, UK: A man has contracted polio from the soiled nappy of his niece, who had been vaccinated against the disease just days before, according to local doctors.

(Source: Weekend Australian, 25/26th January 1992)

HOMEBIRTHS ARE SAFER ACCORDING TO STUDY

Many studies have shown home birth to be safer for both mother and child.

One such study conducted by Lewis E. Mehl, M.D., of the University of Wisconsin Infant Development Center reviewed 2,000 births, nearly half of which had taken place at home.

* There were 30 birth injuries among the hospital-born children, and none among those born at home.

* 52 of the babies born in the hospital required resuscitation versus only 14 of those born at home.

* 6 hospital babies suffered neurological damage compared to one born at home.

(Source: "Statistical Outcomes of Home Birth in the United States". *Safe Alternative in Childbirth*, by David Stewart, Ph.D. Published by NAPSAC, Marble Hill, MO. USA 1976)

CHIROPRACTIC TREATMENT FOR BABY PROBLEMS YIELDS SUCCESS!

In the German medical journal, *Manuelle Medizin*, the authors Gutmann and Fryman reported examining a random group of 1,250 babies, 5 days after birth. 211 suffered from vomiting, hyperactivity and sleeplessness. Manual examination revealed spinal abnormalities in 95% of this group. Spinal adjustment "frequently resulted in immediate quieting, cessation of crying, muscular relaxation and sleepiness".¹

Various studies have confirmed that spinal damage in infants can cause disease and even death.²

Abraham Towbin, a Harvard University pathologist found evidence of spinal injury in many cases of unexplained crib deaths, hyaline membrane disease, pneumonia and respiratory depression. But there are others: "... there must exist a large

number of instances with mild injury, with minimal neurologic symptoms, going unnoticed clinically or being relegated to the category of cerebral palsy".³

In 1984, the Academy for Research in the Chiropractic Sciences (ARCS) concluded an 18 month study on the relationship of crib death and spinal structure and found that babies that had died of crib death had abnormal spinal alignment in the upper neck area.⁴

References:

1. Gutmann G, "Blocked Atlantal Nerve Syndrome in Babies and Infants", *Manuelle Medizin*, (1987)25:5-10
2. St Louis Post Dispatch (AP) May 3rd, 1984.
3. Gilles et al, *Infantile Atlantooccipital Instability*, Am. J. Dis. Child., 133:30-37, 1979.
4. Towbin, A., *Latent Spinal Cord and Brain Stem Injury in Newborn Infants*, *Develop. Med. Child. Neurol.* 1969, 11, 54-68.

VDT RADIATION DANGER

Summary by: D. Lauffer

The New Yorker recently ran a series of articles under the heading of "The Annals of Radiation" by Paul Brodeur.

They covered research and the industry responses to possible dangers from a variety of radiation sources.

The articles covered power lines, microwave sources and Video Display Terminals. Brodeur relies heavily on the work of several epidemiologists, microbiologists and the maverick, Louis Slesin, editor of the *Microwave News* and the *VDT News*. The VDT article appeared in the 6-26-89 issue of the *New Yorker*.

Brodeur points out that the groups most likely to fund research into radiation dangers are the military, computer and electronics manufacturers. All of these have a vested interest in downplaying health hazards associated with regular use of

VDTs both by the public and by their own personnel.

The medium most likely to spread detailed information about hazards would be the newspapers, who have reporters, editors and clerks who take classified ads all of whom might hold them responsible for health risks. The Columbia Journalism Review has documented the lack of coverage by the press in articles in 1981 and 1984. Additionally, there is documentation that NIOSH and the FDA have been lax in pursuing problems in this area, even though they had announced studies of the problem.

The major hazards no longer involve the X-Rays which had been emitted by the CRTs and consumer TVs in the past. They seem to lie in the magnetic radiation emitted by transformers associated with the changing image on the VDT. Epidemiologists have noted high incidence of miscarriages among VDT operators. This seems to correspond to research on Extra Low Frequency radiation (ELF) and Very Low Frequency radiation (VLF) which are emitted by components such as the fly-back transformer in the VDT. These components are often near the outside of the device, and are even more likely to send radiation to the sides or to the back of the terminal.

Embryology research on chickens by Delgado, who has taught at Yale, indicated that serious changes were caused in early development by 100Hz magnetic radiation. The results were confirmed in a Swedish study, which led to banning VDTs which are not shielded for VLF in Sweden as of 1988. IBM now markets a VDT (only available in Scandinavian Countries) which meets VLF guidelines. Other research has found that as little as 15 minutes of exposure to ELF accelerates DNA/RNA transfer in insects. This would indicate a potential for problems in fetal development for early stage pregnant women who work at VDTs.

An additional area of problems is the

role of magnetic fields in these ranges in the increased incidence of childhood cancer. These are usually associated with power lines near residences. Epidemiologists have also noted increased incidence of cancer in adult VDT operators.

Recommendations

When VLF-shielded terminals become available, these should be given strong consideration for new purchases and replacements.

When ELF-shielded terminals become available, these should be also given strong consideration for new purchases and replacements. These will require transformer shielding in Nu-metal.

This is not a problem with liquid crystal displays LCD, such as are found in Laptop Computers.

With the present generation of equipment you should sit 28 inches in front, and about 40 inches away from any other terminal.

(Source: Graciously supplied by Double Helix BBS 1 (212) 865-7043, via KeelyNet BBS 1 (214) 324-3501)

THE VORTEX GUN

Dr. Phillips Thomas, research engineer of the Westinghouse Electric & Manufacturing Company, picked up what appeared to be a small copper and brass drum with an aperture some two inches in diameter in its head. By means of a tubular peep sight affixed to the top of the drum, he aimed the aperture at one of a row of lighted candles about ten feet away, and then tapped the back of the drum with a rubber hammer.

Instantly the candle was extinguished. He repeated the performance half a dozen times, and each time the striking of the metal drum was followed by the extinguishing of a candle. He pointed the aperture at a gong, tapped the drum, and the gong rang. In each case, it was as though an unseen projectile had been fired from the strange device.

These seemingly miraculous feats were accomplished by an invisible ring of air, a smoke ring without the smoke, shot from the aperture by the force with which Dr. Thomas struck the back of the drum. Called a VORTEX GUN (remember the WHIRLWIND CANNONS of the Germans during WWII...Vanguard), and designed on the basis of elaborate mathematical



calculations by Westinghouse scientists, this device embodies the first practical application of the well-known principle of vortex motion.

Good examples of this motion are the common smoke ring which almost all smokers can blow, and the funnel-shaped twister cloud familiar to anyone who has lived in the tornado and cyclone belts of the Middle West.

The twister, however, is ONLY HALF OF A VORTEX, it moves only if a wind is blowing, and always travels at right angles to the ground.

A smoke ring, which is a true VORTEX RING, will move in any direction, according to the initial impulse, and owing to the vortex motion, the smoke will remain in the ring as long as it is moving.

THE MORE RAPID THE MOTION, THE FARTHER THE RING WILL GO BEFORE BREAKING UP.

The rings or miniature whirlwinds shot from the vortex gun conform to the behavior pattern of the smoke ring as blown from the mouth. Their size and velocity, and the distance traveled, depend upon the dimensions of the gun and the force with which it is struck. They are always invisible unless smoke or some other visible substance is put into the gun.

Westinghouse engineers have constructed experimental vortex guns in two sizes. The hand model, demonstrated by Dr. Thomas as part of the equipment of a traveling laboratory with which he has been touring the country, is about eight inches in diameter.

It shoots a vortex ring with a diameter of from two to three inches, which travels at a speed of 20 feet per second. The ring carries so much force that the impact can be felt at about 25 feet.

(Source: Popular Science - August - 1942)

Mini-Bio of: John Ernst Worrell Keely Sept. 3, 1827 - Nov. 18, 1898

Inventor and imposter, grew up in Philadelphia, Pa., where his career was run. Both his parents died while he was an infant and he is not known to have had any schooling after the age of twelve.

He had been for a time leader of a small orchestra and in certain more or less apocryphal stories he figured as a circus performer.

In 1872 he was a journeyman carpenter, but in the following year, when he announced the discovery of a new physical force, he seems to have ceased that occupation for the rest of his

days, and for a quarter of a century he was a public character, maintained by the contributions of those who believed in the future of the inventions based on his discovery.

The supposed new force was explained by Keely as resulting from the intermolecular vibrations of ether (Aether).

His problem was to construct a machine to respond to the vibrations and in that way produce power. (Refer to the Melde Experiment.) In 1874 he had advanced far enough in the fabrication of such a machine, or engine, to permit exhibitions at his workshop.

Such results as he could show amazed the general public, but physicists and engineers declared that the same results could be obtained by employing known forces, and until Keely would prove the exclusion of such known forces from his experiments they would refuse to believe in his discovery.

Nevertheless, the Keely Motor Company was incorporated and the stock was taken in large amounts throughout the country.

As time passed without the perfection of Keely's motor or the securing of patents, the stockholders grew impatient and by 1880 payments to the inventor

virtually ceased and the bills he had incurred remained unpaid.

When bankruptcy was facing him a wealthy Philadelphia woman, Mrs. Clara S. J. Bloomfield-Moore, came to the rescue and financed his operations for many years.

Meanwhile the Keely Motor Company brought suit to compel a disclosure of the secret and Keely's refusal to answer questions led to his imprisonment for contempt of court.

A compromise was reached, however, without the divulging of the secret, and Keely was released.

In 1887 experiments were conducted for the United States Government at Fort Lafayette. The Keely Motor Company retained its faith in the inventor and continued to market stocks.

In 1895 Professor Lascelles-Scott, the English physicist, spent a month in Philadelphia for the purpose of

investigating Keely's work, at the request of Bloomfield-Moore.

His report was never published, but after his return to London Keely's patroness withdrew her assistance.

Keely was now an old man, afflicted with Bright's disease. At his death, on Nov. 18, 1898, the Keely Motor Company had more than 3,000 shareholders.

In their interest the company's officers arranged with the widow, Anna M. Keely, to have a thorough examination made of all the apparatus left in Keely's workshop.

The ensuing investigation, friendly in motive, resulted in the uncovering of tubes in the form of hollow wires by which compressed air had been applied to the machinery claimed to have been operated by the mysterious new force.

In some instances compressed air had been used to start clockwork, but more generally hydraulic power, derived from

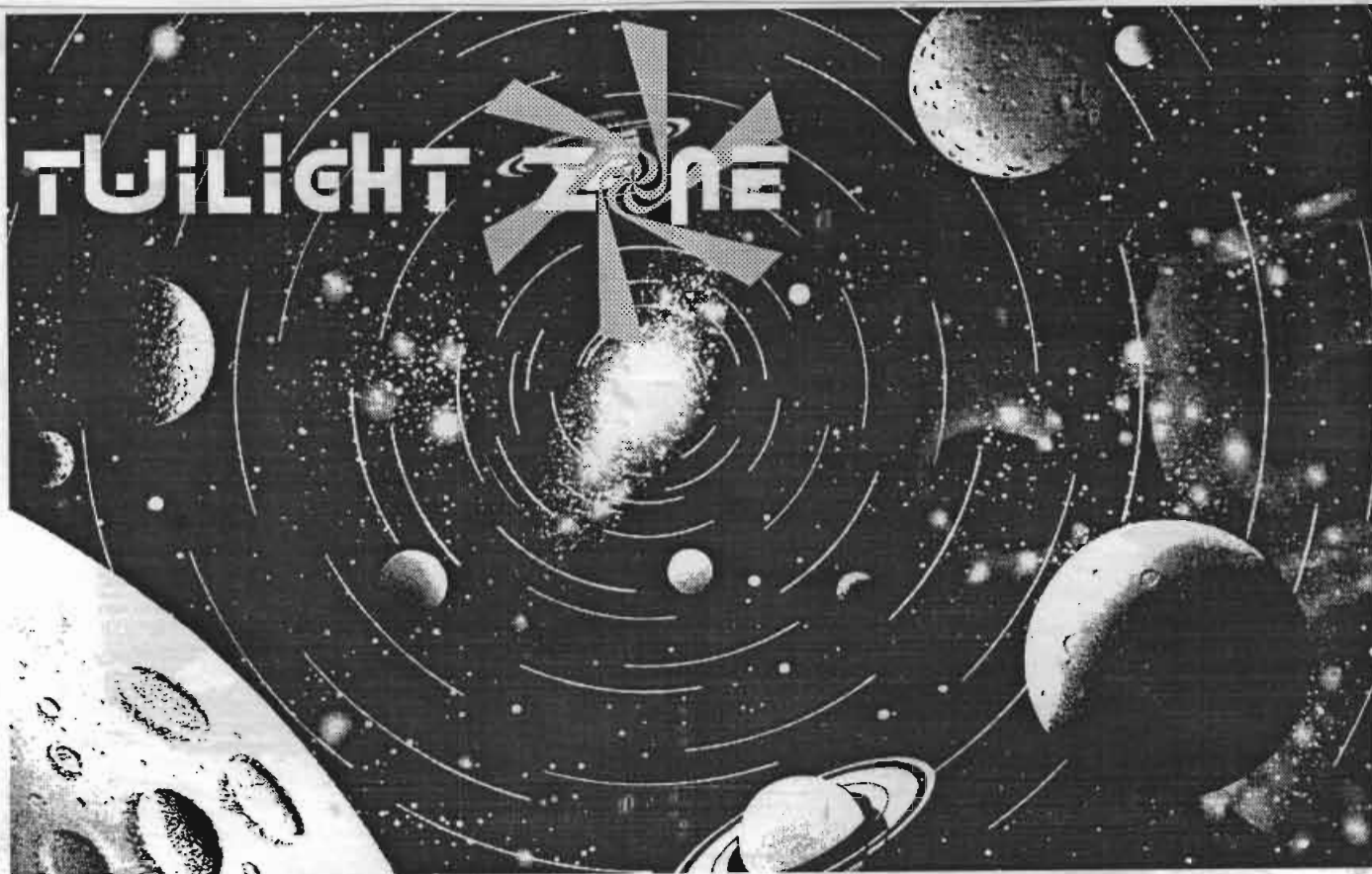
a water motor.

The exposure was complete and unanswerable. A Philadelphia newspaper suggested that the "motor" be exhibited to the public, but no one had the heart to act on the suggestion.

Keely's secret was out at last. But nothing short of his death kept the public from trusting him.

References:

- E. A. Scott, "The Keely Motor," Proc. Engineers' Club of Phila., Vol XIV (1897)
- Julius Moritzen, "The Extraordinary Story of John Worrell Keely" *Cosmopolitan Mag.* Apr. 1899
- Chas. Fort, *Wild Talents - 1932* Appleton's Ann. Cyc. 1887, 1898
- Pub. Ledger (Phila.), Nov. 19, 1898 and editorial, Jan. 30, 1899
- Clara S. J. Bloomfield-Moore, *Keely and His Discoveries* (1893) and articles supporting Keely's claims in *Lippincott's Mag.* July 1890, Dec. 1892 and in the *New Sci. Rev.* July 1894, Apr., July, Oct. 1895,



STRANGE DOORKNOBS FOUND ON PARK TREES

CEDAR RAPIDS, IA (DEC. 31) UPI. - Fifteen trees in a city park have been fitted out mysteriously with doorknobs, and police are coming unhinged trying to figure out why.

The used doorknobs were carefully attached, along with their locking mechanisms, apparently sometime Monday night or Tuesday morning, says Sgt. Steve Feldmann.

"People walk their dogs in this park and someone called this morning and told us about it," Feldmann said.

He said a white ribbon was tied to each of the trees about seven feet off the ground. And, on each, about three feet off the ground, doorknobs were installed on opposite sides, as if to suggest a stroller could open a door on one side, walk through, and exit through a door on the other.

Police checked with experts on the occult and satanism, but were told there is no known mystic symbolism

involving doorknobs. As a result, they are considering the event a prank or an artistic statement unless, as one police officer speculated, "it's an ambitious squirrel."

Since the trees are owned by the city, the event is being investigated as a case of mischief, Feldmann said. He said city workers will remove the doorknobs "and plug the trees so all the sap doesn't run out".

SPONTANEOUS HUMAN COMBUSTION

One of the greatest mysteries known to man is when a living human body suddenly bursts into flames and rapidly burns to ashes. This phenomenon has been known throughout history, yet to date no one has discovered how and why it takes place.

The victims of the SHC phenomenon have little in common though many have a history of alcohol abuse.

Indeed, a 19th century theory concluded that people afflicted by SHC

were drunkards who had somehow saturated their bodies with flammable spirits and accidentally set themselves on fire.

Other ancient beliefs regarding the phenomenon attributed it to the victims merely being sinners who were being punished by divine powers.

An anomaly associated with death by lightning is that the bodies of people killed by lightning have been observed to decompose at a very rapid rate.

In the case of SHC, the decomposition process is much more rapid.

Not only does the process occur in a matter of minutes, but the fire **ONLY CONSUMES LIVING FLESH**, leaving almost untouched the clothing and surroundings of the victim.

One of the most thoroughly documented cases was that of Mrs. Mary Reeser, who was suddenly consumed on the night of July 1, 1951.

The following morning, Mrs. Reeser's landlady took a telegram to

THE TWILIGHT ZONE

her apartment. The doorknob was found to be too hot to touch, which caused the landlady to call for help from two painters working in the area.

The door was opened and a hot blast of air rushed from the room. What was left of the 67 year old lady was found in an armchair.

Around the chair, a blackened circle on the floor, a few coiled springs, a charred liver, a fragment of backbone, a skull **SHRUNK TO THE SIZE OF A FIST**, and just on the edge of the scorched patch, a black satin slipper, enclosing a left foot **BURNT OFF AT THE ANKLE**.

Note particularly the shrinking of the skull, which could only happen in the presence of an extremely hot flame. Not a flame which would be encountered with normally combustible substances.

At the inquest, it was disclosed that crematoria normally use a temperature of 2,500 degrees Fahrenheit, sustained for **UP TO FOUR HOURS**, to incinerate a body.

Even then, they must resort to grinders to disintegrate the remains to the state in which Mrs. Reeser's body was found.

Most interesting of all was why the wall behind the chair was not scorched, or why a pile of newspapers less than a foot away were not burnt.

An FBI statement concerning the incident concluded that Mrs. Reeser had taken her usual sleeping pills and fallen asleep in the chair while smoking. Experts testified that even if her clothes had caught fire, the burns would be only **SUPERFICIAL**.

Foremost pathologist Dr. Wilton Krogman investigated the case and stated that it was the most amazing thing he had ever seen. Dr. Krogman said that a human skull shrunk by intense heat, generated by normal means, usually has the opposite effect, i.e. to swell.

Another case was that of the Countess Bandi of Casena. Four feet from her bed, in a heap of ashes, only her head, three fingers and both legs were found. This occurred sometime before June 1731.

How can such things happen and what could be a probable causes?

Cade and Davis, in their book "Taming of the Thunderbolts", suspect that **ATOMIC FIRE**, similar to those of plasma physics, may be involved.

In our study of the suppressive effects of Deuterium in living tissues, there is much to support this, particularly when considering that all living tissues utilize a form of atomic fission.

Accounts from ancient Indian texts state that people lived from 2,000 to 10,000 years in the time of the Vedas.

When the great wars of ancient India came about, atomic weapons were undoubtedly used. Later records from Biblical accounts give the human lifespan as up to 1000 years.

After Sodom and Gomorrah, life suddenly went from 100 to 500 max.

This indicates a buildup of something in the atmosphere or soil which has continued to degenerate the lifespan of all creatures, especially man.

Another most interesting observation regarding SHC cases is that the victims appear to have been in **SOME KIND OF TRANCE**.

An account by Dr. Bertholle in the investigations of a woman found burned to death, reported that the room was almost unscorched. It was as if the body had been in an intense furnace, yet only the floor under the body had been scorched.

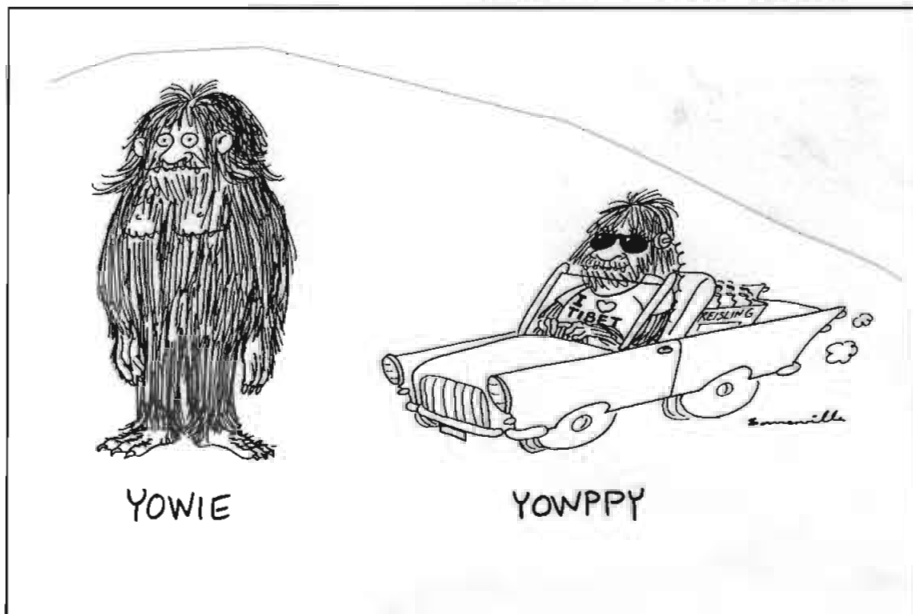
Why hadn't the woman screamed out to others of the household?

Another bizarre case were the charred bodies of 5 men found sitting in casual positions in a car on a backroad near Pikeville, Kentucky.

The condition of the car is not described, although the coroner was baffled at the absence of **ANY SIGN OF A STRUGGLE TO ESCAPE**.

The term "ultra-rapid holocaust" has been applied by Eric Frank Russell, since much of the circumstantial evidence points to a quick and intense combustion.

On the 12th of May, 1890, a Dr. B.H. Hartwell was driving through Ayer, Massachusetts. He was flagged down and called into a wooded area.



In a clearing he saw the crouched form of a woman with FLAMES BLAZING FROM HER SHOULDERS, ABDOMEN AND LEGS.

At the time of this writing (July 30, 1990), a young Chinese boy has been found in mainland China who bursts into flames from his armpits and other areas of his body, as reported in a Chicago paper.

People who try to help him also catch on fire, so the lad is kept isolated while scientists and doctors try to find the reason for the phenomenon.

If our thinking regarding the suppression of natural atomic fission processes by the natural presence of Carbon as well as the continuing consumption of Deuterium in the form of heavy water (D2O) mixed with H2O is correct, then perhaps the boy is in a super-critical state with little to suppress the fission process.

It is possible that combinations of foods, environment, mental and physical stresses, as well as electromagnetic or other energetic disturbances might be contributing factors if not the primary reason for the SHC phenomenon.

The current theory regarding SHC is that its' victims are inebriates, although some neither smoked nor drank.

We of Vanguard Sciences, in conjunction with some of our Research Associates are studying the problem from the above atomic fission approach and will report on what we find through our newsletter and the KeelyNet BBS.

Current experiments which we are undertaking involve the use of a mirror image of the Deuterium frequency (Bivalent state) into a homeopathic reagent.

The idea is that at varying potencies, water structured in this manner will act to convert the Deuterium to it's next lower atomic state of Hydrogen.

We also have a contact who thinks he

might be able to make a substance which could selectively attract and bind Deuterium found in the body for expulsion. This approach is more attractive due to the removal of Deuterium, instead of conversion, since conversion entails the release of a "radical" neutron.

Of course, such a release indiscriminately applied could cause strange problems including DNA/RNA damage. For that reason, the binding and subsequent removal is much to be preferred.

Compiled and plagiarized by Jerry W. Decker.

(Source: KeelyNet BBS, USA. Contact Vanguard Sciences, PO Box 1031, Mesquite, Texas. 75150 USA)

FALLING FISH STORIES

The following item, reprinted in its entirety, appeared in the paper's 'Column 8' section:

"Hot yesterday, but down south in Jerilderie on Tuesday it was raining fish".

A local property owner heard thudding on her roof, and was surprised to find nearly 30 small fish scattered across the roof and the front lawn.

She says the National Parks and Wildlife Service in Griffith told her the phenomenon was caused by windy conditions and "willy-willies".

The N.P.W.S office in Sydney says that strong winds can pick up tadpoles and small fish and carry them some distance." That old "strong winds" explanation again!

The following column appeared in 'Column 8' on the following Tuesday:

"The raining fish in Jerilderie interested Paul Cropper of Epping, who has studied the phenomenon.

He says the explanation by the National Parks and Wildlife Service that the cause is gusty winds or willy-willies may be simplistic. "If the fish are scooped up out of the water, why is there no debris?"

However, Bob Beale, our science correspondent, says there are dozens of recorded cases of fish, frogs and other creatures being picked up and dropped by freak winds- and at least one instance where sheep were sucked up in a cyclone and deposited some distance away in trees."

(Source: "Sydney Morning Herald", 4th January 1990. "Column 8")



REVIEWS



Reviewed by Duncan Roads

BOOKS

THE CROP CIRCLE ENIGMA A Range of Viewpoints From The Centre of Crop Circle Studies.

Edited by Ralph Noyes
Publ: Gateway Books, UK
Dist: Astam Books, NSW
RRP: ? 192pages, soft-cover

+

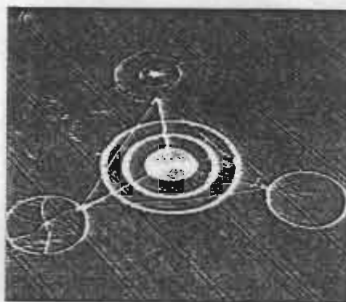
CROP CIRCLES Harbingers of World Change Edited by Alick Bartholomew

Publ: Gateway Books, UK
Dist: Astam Books, NSW
RRP: ? 192 pages, hard-back

Both these books are excellent. If you are as fascinated by the "crop circle" phenomena as I am, then you should definitely look at getting one, or both of these books.

Each book I found covers similar ground. For example, there are the usual photographs and diagrams of the patterns themselves, and then there is

CROP CIRCLES ~ Harbingers of World Change



Edited by
ALICK BARTHOLOMEW

research into how these patterns compare with different ancient languages, rock art, clay tablets etc.

Each book has a good look at the relationship between the positions of the patterns with Earth grid lines and related theories.

The main difference between the two books, in my opinion, is that the latter contains many colour photographs of the 1991 crop patterns, whilst the other covers the earlier developments.

RADIONICS

The New Age Science

Compiled by the Editors of The Journal of Borderland Research, USA
Publ: Borderland Research, USA
RRP: ? (130pp large size softcover)
Available: Sydney Esoteric Bookshop

A must get for radionics researchers. Contains good chapters from people such as Riley Hansard Crabb, Peter A. Lindeman, Trevor James Constable, Ruth Drown and Jay Christopher.

Covers the history, technical details, medical information, interviews, and more.

Great for novices and experts alike.

THE DEATH OF ROCKETRY

The Story of the first successful reactionless space drive and how it uncovered one of the greatest errors in the history of physics.

By: Joel Dickinson with Robert Cook
Publ: CIP Systems, Inc., CA., USA
RRP: \$44.00 (122pp, large soft-cover)

Avail: Sydney Esoteric Bookshop

An excellent and essential book for people interested in suppressed technology. From the Introduction:-

"There now exists a new and unique



REVIEWS

type of propulsion system capable of profoundly influencing the future of technology. We are talking about an invention that can convert energy to a working force far more efficiently than anything in use today, an invention that has already been tested and validated. This system, first introduced to scientific authorities over 11 years ago, is in essence a *reactionless drive*. In using this phrase we refer to a propulsion system that does not have to react against some other medium or exchange momentum with its environment in order to propel. Rather, the reactionless drive utilizes *internal* forces generated from within the system itself.

The reactionless drive would, among other wonders, enable us to attain almost unlimited speeds in outer space. Its astounding mechanical implications reach to the core of quantum mechanics, gravity, and magnetism."

If you want to know more, get this book. It has plenty of easy to understand, as well as technical info to back it up. Thoroughly recommended!

MYSTERIES OF TIME & SPACE

By Brad Steiger

Publ: Whitford Press, PA., USA.

RRP: \$25.95. (246pp softcover)

Avail: Sydney Esoteric Bookshop

I love a good mystery, and this book is full of them. To me, the unexplained can often offer us a chance to expand that which is already explained into a larger picture of reality. All too often, unexplained phenomena are ignored because they "don't conform".

If you are fascinated by fish or frogs falling from cloudless skies, by fossilized human footprints 250 million years old, by chains or nails found inside solid rock, by UFOs, or time travel - then you will love this book.

All in all a great collection of the researchers into Fortean type phenomena.

NATIVE AMERICAN MYTHS & MYSTERIES

By: Vincent Gaddis

Publ: Borderland Sciences, USA

RRP: ? (183pp softcover)

A fascinating book covering a fascinating topic. I have not seen many books dealing with this subject. Includes the origins of the Indians, legends of underground races and tunnels, and other strange pieces of history.

Also covered in this book, is what is

tantamount to Indian magic, or "Medicine" as it is referred to. Made me feel like reading Carlos Castaneda all over again after reading this.

The book provides an excellent reference section, and if you do read it, you will probably change your view of history somewhat.

You will be astounded and fascinated at what you read in this book, I can assure you!

THE BLOOD AND ITS THIRD ANATOMICAL ELEMENT

By A. Béchamp

Publ: Veritas Press, GPO Box 1653

Bundaberg, Qld 4670. Australia

RRP: \$29.95 + \$3.50 P+P

Béchamp is to medicine what Tesla is to modern day science - an unrecognised genius. We have all heard of Louis Pasteur, originator of the "Germ Theory", which has resulted in a multi-billion dollar industry known as the pharmaceutical industry - but most of us have never heard of Béchamp.

This is a book which I would like every doctor to read. (I would love to know if your doctor has ever heard of Béchamp).

In a nut shell, Béchamp discovered the TRUE CAUSE of disease,

REVIEWS



something which goes beyond germs which Béchamp called *microzymas*.

The book was written in 1899, and has been out of print for zonks (which is slang for a long time). I cannot recommend strongly enough that you acquire and read this book, and tell your doctor about it.

It has been republished by an Australian business, Veritas Press, who specialise in publishing and selling books on suppressed information. (They have a veritable gold mine of

books on the dangers of vaccines and immunisations etc). I should add for the rabid anti-right wing hysteriacs out there, that this is NOT the same Veritas Press who publish right wing material. I do wish you guys would get your facts right.

What can I say, you have a chance to get one of the most definitive books written by a man with more degrees and qualifications than fifteen Louis Pasteurs. It is a book that the pharmaceutical companies would prefer remained "underground".

THE PROMISE

by Dr. Fred Bell as told to Brad Steiger
Publ: Inner Light Publications, USA
Dist: Sydney Esoteric Bookshop
RRP: \$19.95

Wow! What a book. I often cringe when I see these hyped up American books and their covers etc, but this book was worth getting into.

Dr Fred Bell is a highly respected engineer, and NASA rocket scientist. His amazing tale of meeting with people from the Pleiades, plus encounters with neo-nazi thugs in search of extraterrestrial artifacts reads like a cross of Raiders of the Lost Ark and Star Wars.

This is a very recently released book which I thoroughly recommend to people interested in UFOs, Atlantis, archaeology, and anti-gravity. You will not be disappointed.

It was one of those books I picked up to review and could not put down till I finished reading it.

A SECRET COUNTRY

By John Pilger
Publ: Vintage Books, UK

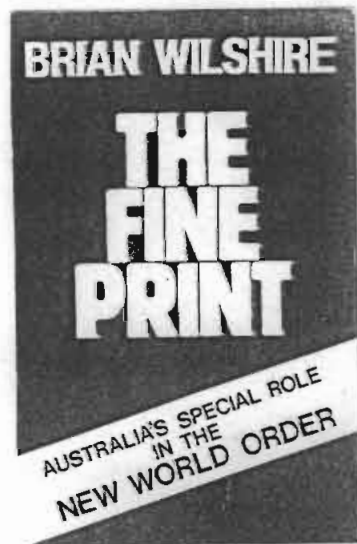
This is another truly "must read" book. I thought I knew a few things about Australia that weren't generally know, but the author of *A Secret Country* has excelled himself.

The depth of research will leave you stunned when you learn of a side of our history not taught in schools.

Not just old history, but right up to modern politics and the era of "mates" in Canberra.

I started browsing this book a couple of weeks ago, and found I could not put it down. I was very impressed also at the 'readability' of the book.

I don't think this book will be easily found in bookstores. I found mine in the Sydney Esoteric Bookshop for \$15.00.





REVIEWS

THE FINE PRINT

Australia's Special Role in the New World Order

By Brian Wilshire

Publ: by Brain Wilshire

RRP: \$14- (see ad on page 67)

Guess what, this book, which has been self published and distributed by Brian Wilshire, (well known Sydney radio identity), has hit the best seller list!

Brian is a radio talk back show host who makes no secret of subjects which include Big Brother, Government computer system surveillance, Oxygen therapies, and conspiracy theories.

Brian has given excellent coverage to huge audiences on many things that I am sure those in "power" would prefer he did not. One such subject includes vote-scams. Using the unique access that a talk-back radio show has to the people, Brian has helped lift the lid on this and other subjects that you should know about.

As always, Brian provides plenty of references to his thought provoking topics, in the hope that people take this sort of information further.

To obtain a copy, refer to his advert on page 67.

NAKED EMPRESS

Or the Great Medical Fraud

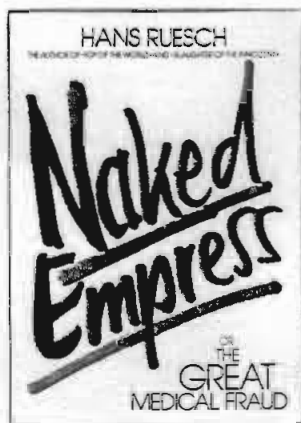
By Hans Ruesch

Publ: CIVIS Publications, Switzerland

RRP: \$18.00

Avail: Campaign Against Fraudulent Medical Research, PO Box 729, NSW 2042. Phone: (02) 602 6235

Following up his sensational *Slaughter of the Innocent*, this new exposé shows how, with the help of press agency the public has been brainwashed into equating *medical care* with *health*, whereas in fact exactly the opposite applies: modern medicine has become the principal cause of disease today.



Animal experimentation, inevitably misleading, is of course the alibi that has been devised for extorting huge grants for phoney research, and to safeguard the drug manufacturers from criminal prosecution whenever the deleterious effects of one more of their noxious products can no longer be concealed. Then they can always say "all the prescribed tests" (on animals) had been conscientiously undertaken. But not saying that they themselves, in collusion with the Health agencies and corrupt or misled politicians, have imposed those tests.

This book is more than the usual emotive "soft cuddly animals are being cut up for research" book. It actively proves that animal research is largely a farce, from medical research and financial points of view.

Naked Empress follows on from the findings of *Slaughter of the Innocent*, by the same author, which carefully documented the myth of vivisection, and those who perpetuate this myth.

Slaughter of the Innocent - \$7.00

Naked Empress - \$18.00

Vivisection is Scientific Fraud - \$3.70

Campaign Against Fraudulent Medical Research, PO Box 729, Newtown, NSW, 2042. Prices include postage and packing.

REVIEWS



VIDEOS

THE UFO MYSTERY

by **Network 23**

Producer: Paul White

RRP: \$34.95 (See ad on page 65)

A very impressive video to say the least. It is probably one of the only videos on the subject to come out of Australia to my knowledge.

The material used on this video was drawn from a wide variety of sources, most notable of which was The UFO Mystery Conference, held at the Sebel Town House in Sydney late last year.

The producer/s have captured some interesting footage of each of the speakers while they were "back-stage", with "shields down" so to speak.

Also included is some footage of Stan Deyo from an interview taken early last year.

There is a lot of pretty amazing "throw-ins" for the UFO buffs who know their stuff. For example I was surprised to hear the Valentich radio transmissions taken just as he

disappeared over Bass Strait all those years ago.

Included also is the famous shot of a strange light literally running rings around a Concorde in mid-flight!

The other interview snippets include Brian O'Leary, Brian Crowley, Colin Norris, Antony Drew, Keith Basterfield and Bill Chalker.

With a running time of just over one hour, I think this is a fine video to have in your collection, as it summarises a lot of good info on the subject as presented by the field's leading researchers.

JENI EDGLEY & FRIENDS "NITTY GRITTY DAY ONE"

by **Jeni Edgley & Friends**

PO Box 259, Nerang, Qld
4211. Ph/Fax: (075) 332 839

A surprisingly high number of people turned up from all over Australia to attend Jeni Edgley's, largely informal, Nitty Gritty Day One earlier this year.

It was a day enjoyed by all, including me, and I was the first speaker!

The video/s of this day are twofold,

that is two, three hour tapes.

Basically, you get to hear and see me talk on the first tape, followed by Peter Sawyer and later on by David Ash.

I guarantee that if you buy these videos, you certainly will not be bored.

CROP CIRCLE COMMUNIQUE

by **David McNish**

At the risk of losing friends (and advertisers) I have to say it, this video is definitely the best one yet on the crop circle phenomena.

To start with, it is produced by a couple of ex-BBC producers who have done an excellent job.

The beautiful and breathtaking aerial shots of the patterns, are placed into a thoughtful global perspective in this video.

Included in this video, is a look at the two alleged hoaxers, Doug and Dave. Without even trying, the producers show them up to be total and absolute frauds.

This video will soon be available on the mass market, but get in early, and support a Nexus advertiser.

See the advert on this page for details.



REVIEWS

TAPES

TALES OF THE WIND

by Tony O'Connor

Prod: Studio Horizon, Qld.

Dist: See advert on page 20

What can we say - our local boy Tony has released yet another nationally acclaimed title.

Tales of the Wind takes takes his winning streak even further. As I said in a previous review for his last album, Mariner, Tony O'Connor's music stands out from the plethora of synthesised pan pipes abounding the new age stores these days.

This new recording features that special blend of pan flute and warm orchestral arrangements, once again creating magnificent blend of instrumental magic. It also introduces dynamic piano and acoustic guitar.

I can thoroughly recommend this latest release as a great gift idea, as well as superb background music for the home.

For more details, refer to the advert for Studio Horizon on page 20 of this issue, and remember, when responding to ads in Nexus Magazine - tell them where you read it.

ISHMARA

by Separate Reality

Prod: Ark Soundwaves, UK.

RRP: \$15.00 (see ad opp page)

This is the music accompanying from the video on Crop Circles by Colin Andrews.

I must admit, that while watching the video, I did think to myself - "Gee, this music's nice", but then I was pretty absorbed by the commentary most of time.

At the end of the video, however is a

really nice piece of aerial footage of the formations, accompanied by appropriate music - and this is it.

The other feature of interest is the strange sounds recorded in and around the circles - (refer to Nexus Vol.2, #3).

I understand that research is still going on into the nature and cause of these unusual noises, which are also found on the tape.



RELAX WITH THE CLASSICS

Volume Five - Pianissimo

Prod: The Lind Institute, CA, USA

Dist: New Age Media

RRP: see advert this page.

At first glance you may be forgiven for thinking that this is one of those tapes advertised at 2.00 in the mornings on TV. But it is not.

As with so many things these days in this field, this tape is different.

The music chosen by the Lind Inst., has a perceptible tempo of 50 to 70 beats per minute and varies in key pitch, which they claim is a frequency that helps alleviate stress in the body.

Apparently, the music is so successful that dentists and doctors, therapist, students and others use it.

On the music side, you can hear over an hours worth, which includes:- Tchaikowsky, Debussy, Schubert, Mendelssohn, Chopin, Bach, Ilyinsky, Grieg, Scarlatti, Schutt, Kalinnikov and Ravel.

These piano masterpieces are even placed sequentially so that the order in which you listen to them is important too! (What will they think of next?)

The music is performed by renowned Austrian pianist, Hans Kann.

SUBLIMINAL SEDUCTION

Continued from page 16

Hedges ran a number of years ago (see diagram). This two page spread appeared in January of 1972 in *Look, Life* and a variety of other magazine. It's a picture of a fight at a hockey game, which is known for its altercations. There doesn't seem to be much to justify the time and money that went into it, particularly since it was perceived for only two to three seconds by most readers.

Among the many perceptual tricks at work in this ad, is the retouch of the name of the hockey glove's manufacturer, located in the foreground of the ad. Those who smoke usually perceive the word to be *Cooper* - the actual manufacturer of the glove. But the word has been carefully retouched to read *Cancer*. And those who do not smoke almost immediately read the word as it has been retouched.

Why did the advertisers go to the trouble to subliminally embed the word *Cancer* in a cigarette advert? It's possible that the agency was trying to convey the meaning that Benson & Hedges had somehow won a victory over cancer - a cruel hoax if that was their point. But more likely, they were appealing to the self-destruct mechanism most people have to some degree or another. For as advertisers well know, death sells.

Advertising has made use of similar motifs in a subtler, subliminal fashion - with a style that sells.

One of the most beguiling ways of bypassing

the conscious mind in order to seduce the subconscious is through anamorphic art. Few have ever heard of it, much less recognize it or its potential dangers when they see it.

Thought to have first been discovered by Leonardo da Vinci, it is a technique for distorting art in a precise and geometrical manner which allows the image to come back into focus when viewed through an anamorphoscope - usually a polished cone or cylinder. There is ample evidence that the subconscious immediately sees and brings the picture into sharp resolution even though it may be unnoticed and incomprehensible to the conscious mind.

Virtually everywhere you go you are constantly being assaulted by subliminal programming. Radio programs have subliminal messages for listeners to "Let your eyes close and your muscles relax."

Not only are there subliminals on the radio, the background music of some department stores, in the newspapers, on television, and in all the print media, but if you are ever arrested and given the third degree, it may be with the aid of a third party - two cops and the voice of an unseen (and probably unheard) person subliminally beckoning you to "confess" and "get it off your chest."

Some bakeries are now using special odors to lure you, like a moth to the their goodies. Candy stores do the same thing with specially designed

odours that enhance sales. Subliminals make movies more exciting, "kick tripping the audience," as it is called in the movie industry. As the producer of *The Texas Chainsaw Massacre* put it -perhaps more to the point, - "Subliminal perception is a killer."

The entry of subliminal persuasion into the political arena is extraordinarily frightening.

Virtually all political candidates who can afford a good ad agency have the word *sex* and perhaps some of the other embedded in their campaign posters. Those using subliminals are not guaranteed to win. Indeed, it's rare that the candidate actually knows what makes his posters "get out the vote." But anyone who doesn't use subliminals is almost destined to lose, according to Dr. Key.

Sex in the margarine ad. *Sex* on a Howard Jackson's place mat. *Sex* on my ritz cracker and all over the face of that young senatorial nominee. I can't believe it. I'm amazed by the intricate, calculating, conscious planning of big business to extract more and more dollars out of a weary unsuspecting populace.

And when Key tells me to pull out a five dollar bill and take a look a President Lincoln's beard ...That hits deep. Almost too deep.

S-E-X? In Lincoln's beard? Come on. Why? And who?

N

ANCIENT CHINESE IN AUSTRALIA

Continued from page 19

And at Darwin in 1879, workmen dug up an 80mm tall statuette of Shou Lao, the Chinese god of longevity, from beneath the roots of an ancient banyan tree.

Dating from the Ming period, it has been linked with an expedition believed to have been made to our shores by Admiral Cheng Ho, on the orders of Emperor Yung Lo.

The fleet consisted of 62 nine-masted ships, 140 metres in length and was accompanied by 28,000 men and their families.

Cheng Ho (1385-1440) also possessed the magnetic compass on this voyage. Invented by the Chinese in 1090, it was not "discovered" in western Europe for another 100 years.

Cheng Ho sailed from Shanghai in 1405 with orders to visit the islands of south-east Asia on diplomatic and trade matters.

He was also instructed to establish a colony in the vicinity of present-day

Darwin while astronomers accompanying the expedition made observations of the southern skies.

He was also asked to make offerings to the Celestial Spouse, Shao Lin, a Taoist goddess who watched over mariners at sea.

During Cheng Ho's stay near Darwin, some of his men are said to have explored deep inland, and part of his fleet is claimed to have carried out the circumnavigation of Australia before returning to China.

About 1958 on a cliffside inland from Taree, on the NSW north coast, campers found a large weathered, centuries old relief carving of Buddha.

Later, in 1980, a young woman unearthed a carved stone head of the Chinese goddess Shao Lin, from centuries-old sediments on a beachfront hillside near Milton, on the NSW south coast.

Eventually, hearing of my researches into pre-Dutch Australian exploration, she

donated the relic to me. After personally inspecting the site of the discovery and the strata from which it came, I was convinced that the relic's original owner had visited the Australian east coast centuries before Captain James Cook.

Was the relic discarded by a member of Chen Ho's 1405 expedition? Or, perhaps some earlier Chinese expedition to our shores? We shall never know.

One thing is certain, pre-British/Dutch voyages to Australia is an indisputable fact!

Otherwise, if, we have long been led to believe, that Europeans were first to discover Australia in the 18th century - what then, were kangaroos doing in the Imperial Zoo in Peking in 338 BC?

Rex Gilroy welcomes any information helpful to his researches from readers. He can be contacted by phone on (067) 787 201, or by writing to him at the "Pre-Dutch Australian Exploration Research Centre", PO Box 473, Kootingal NSW 2352

CIA MIND CONTROL RESEARCH

Continued from page 24

CIA by a former patient under the "care" of Dr. Ewen Cameron. Shortly afterwards another patient became a co-plaintiff. It was expected that more victims of the CIA's covert mind-control research operations would shortly join in. Casey ordered the CIA legal staff to delay any court hearings for as long as possible, his plan being that if the elderly plaintiffs were to die before the trial, the case would die with them. Casey then set about collecting damning evidence about the medical torture practices of over eighty countries deemed to be unfriendly to the United States. The case eventually made it to trial. The plaintiffs settled for a sum of \$100,000 each which was released to them on the understanding that they would never publicly discuss the case again.

The operations listed above only became public knowledge because of the public's awareness of the Senate investigations, and checks made by researchers under the

Freedom of Information Act. Today, in almost every country in the world, torture involving the manipulation of the human mind is performed on someone every single day. Techniques have become so sophisticated that even victims who become statistics may be unaware of what, or who, has been interfering with their minds. The techniques that are in use today are more subtle, silent, and deadly than ever before. There is no way of knowing just how many research projects, or perhaps more importantly, deployment operations, are being conducted at the present time. Perhaps the sudden change of attitude by many of the Iraqi personnel on the ground in the recent Gulf War could be related to the possible use of secret long-range behaviour modifying technologies.

Much of the research conducted by the CIA and the Soviets has inspired both the Intelligence community and the Defense Department to a close look at the potential of parapsychology for covert psychic warfare purposes. This topic will be covered

in detail in a future issue of Nexus.

The intention of publishing this story is not to shock or scare you. It is to remind you that behind the veil of secrecy that masquerades as "national security", there are people perfecting mind-control techniques that can relieve you of your self control. Only by being aware of the silent hand that would like to control your mind will you recognize where the veil starts and deception begins. Only by being aware can we begin to lift the veil.

REFERENCES:

- Journey into Madness - Gordon Thomas. (Published by Bantam Books 1989)
- CIA - The Honourable Company Brian Freemantle. (Published by Futura Books 1984)
- Psychic Warfare - Fact or Fiction? Edited by John White (Published by The Aquarian Press 1988)
- The Search for the 'Manchurian Candidate' John Marks (published by Times Books 1979)

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is changed and the chain of reactions produced can be very disruptive, far reaching and often unexpected. We have not, for example, discussed the detrimental impact upon the ozone layer caused by the enormous quantities of chlorine released around the globe.

With education we can begin to discern that nature carries within itself important patterns for the design of our health, and optimum fitness, even for the natural beauty of ourselves and our planet. When all is said, it is apparent that nature did not intend that we despoil it and ourselves by contaminating it with the waste products of the technology we have used to dominate it. After 100 years of chlorination it is surely time to express our misgivings about the prospect of continuing as we are to celebrate its bicentenary.

References

1. Hodges, L., Environmental Pollution, (N.Y.: Holt, Rinehart and Winston, 2nd Ed, 1977), p. 189.
2. Llewellyn, W.J., J. Am. Med. Assoc. Vol. 146, No. 13, 1951, p.1273.
3. Ibid.
4. Sinclair, H.M. (Cited by Clark, L., Get Well Naturally, (N.Y.: ARC Books, 1971, p.327).
5. Passwater, R.A., Super-Nutrition for Healthy Hearts, (N.Y.: Jove Publications Inc., 1978, p.155).
6. Ibid.
7. Passwater, p. 156.
8. Price, J.M., Coronaries/Cholesterol/Chlorine, (Banhadlog Hall, Tyliwch, Llanrdloes: Pyramid Publications Ltd., 1984, pp 32, 33).
9. "Atherosclerosis may start with cell proliferation" J. Am. Med. Assoc., Vol 227, No. 7, 1974, p. 734.
10. Revis, N.W., McCauley P., Bull R., and Holdsworth G., "Relationship of drinking water disinfectants to plasma cholesterol and thyroid hormone levels in experimental studies", Proc. National Academy of Science. U.S.A., Vol. 83, March 1986, p.1485.
11. Ibid p.1489.
12. "Preliminary Assessment of Suspected Carcinogens in Drinking Water" Report to Congress, U.S. Environmental Protection Agency, Washington DC, 1975.
13. "Water Contaminated Throughout U.S.", Chem. & Eng. News, April 28, 1975, p. 19.
14. Dowty, B., Carlisle, D., Laseter, J.L., "Hologenated Hydrocarbons in New Orleans Drinking Water and Blood Plasma", Science, Vol. 187, pp.75-77, 1975.
15. Page, T., Harris, R.H., Epstein, S.S., "Drinking Water and Cancer Mortality in Louisiana", Science, Vol. 193, pp.55-57, 1976.
16. See for example, Trehy, M.L., and Bieber, T.I., "Detection, Identification and Quantitative Analysis of Dihaloacetonitriles in Chlorinated Natural Waters", in Keith, L.H. (Ed.) Advances in Identification and Analysis of Organic Pollutants in Water (Ann Arbor, Mi: Ann Arbor Science Pub: 1981, pp. 932-44; Bruchet, A. et.al., "Characterization of Total Halogenated Compounds During Various Water Treatment Processes in Water Chlorination", Chemistry Environmental Impact and Health Effects, Vol.5, (Michigan: Lewis Publisher Inc., 1984, pp. 1160-174).
17. Smith, M.K., et. al., "Developmental Toxicity of Halogenated Acentonitriles : Drinking Water By-Products of Chlorine Disinfection", Toxicology, Vol. 46, 1987. pp.83-93.

150 YEARS OF SUPPRESSED MEDICINE

Continued from page 35

"Organon" the home and research laboratory Reich built in Rangeley, Maine. Grad has research, still awaiting publication, on his own bion research as it relates to the origin of life.

R4 Reich's private archives were sealed by the sole trustee to his estate. His daughter, Eva, tried unsuccessfully to unseal them through court action.

R5 Rife's genius also invented a camera which could clearly reveal the letters and numbers of an auto license plate from a mile away!

R6 **The Diving Hand: The 500 Year Old Mystery of Dowsing** (E.P. Dutton, New York, 1979; New Age Publications, North Carolina, 1985.)

R7 It was only through a fortuitous meeting in Kansas City that I was finally led to the San Diego garage of one of Rife's lab assistants where I found the "Universal Microscope" in dilapidated condition. The publication of my article resulted in many phone calls from people who had been on the hunt for Rife's microscope for years. One of the most interesting and ardent came from John Hubbard M.D., State University of New York (Buffalo), who came to my house in Washington D.C. to look at documentation on Rife I had brought back from California. I had planned to write a book on Rife's life and work, but other projects intervened. That book, **The Cancer Cure that Worked**, (Marcus Books, Queensville, Ontario, 1987) was written by Barry Lywes.

R8 For enlightening answers to these questions, see **The Cancer Industry: Unravelling the Politics**, by Ralph W. Moss (Paragon House, New York, 1989).

R9 The word "artifici" stems from art, plus factum (the neuter past participle of the verb facere, "to make"), or "something made". In biology, it means "a structure or

substance not normally present but produced by some external agency or action." Most of us have forgotten that the basic meaning of the word, art, is "human effort to supplement, imitate, alter or counterfeit the work of nature." The facile use of the word, "artifact," in addition to being able unjustly to dispose of new microscopic discoveries, has a kind of "overtone" suggesting an attempt to trick, feign, dissemble or to carry out a deception or engage in a fraudulent action. It fits well with accusations against Naessens of having done all those things over the years.

R10 His experiments on rabbit-to-rabbit somatid transfer as they apply to genetic characteristic change in living animals, and particularly to organ transplant with potentially no "rejection syndrome", are described in part I of my book.

R11 Enzyme complexes found in yeasts, bacteria and higher plants. Credit for their discovery went, not to Béchamp, but to a German scientist who was awarded the Nobel Prize in 1907 for making it. Béchamp's conclusive paper, justifying his priority, was published in 1897 and the word zymase is found in the 1873 edition of the French Litre dictionary in connection with Béchamp's first work on the subject.

R12 **Secrets of the Soil**, Harper/Collins, New York, 1980.

1. Reich's first book on this, written in German, was **Die Bione** (The Bions) published in Norway in 1939. English language treatment of the subject is to be found in **The Cancer Biopathy**, (first published in the 1950s) 1973; and **The Bion Experiments on the Origin of Life**, 1979, both published by Farrar, Straus, Giroux.

2. "The New Microscopes"

3. "What Has Become of the Rife Microscope?" **New Age Journal**, Boston, Massachusetts, 1976; also reprinted

in **The Persecution and Trial of Gaston Naessens**, H.J. Kramer Inc., Tiburon, California, 1991, as Appendix "A".

4. Published as a book: **Antoine Béchamp, 1816-1908: L'Homme et le Savant, Originalité et Fécondité de Son Oeuvre**, Maloine, Paris, 1982.

5. Delhoume, Leon, **De Claude Bernard a d'Arsonval**. Lib. Bailliere et fils, Paris, 1939, 595pp.

6. Béchamp's two masterworks on this subject are: **Les Microzymas**, Blilliere, Paris, 1883, 992pages; and **Microzymas et Microbes**, Editions Dentu, Paris, 1893, 346 pages.

7. From **Le Sang et son demélement anatomique**, Paris 1899; translated as **The Blood and its Third Anatomical Element** by Montague R. Levenson M.D., John Ouseley Limited, London 1912. In the 1980s Alan Cantwell, Jr. M.D. reported that the Library of Congress in Washington D.C. had informed him that the book was to be found neither in its collection nor in any library in the United States. It has since been reprinted by Veritas Press, GPO Box 1653, Bundaberg, Qld 1988.

8. **Hidden Killers: The Revolutionary Medical Discoveries of Professor Günther Enderlein**, by Erik Enby M.D., Sheehan Communications, 1990. The book may be obtained from raum&zeit, Box 1508, Mount Vernon, Washington D.C. 98273; Ph: 206 424 6025.

9. Enderlein who like Béchamp, lived for 96 years (he died in 1968), published many of his conclusions in **Akmon** - a journal he first issued in 1955.

10. In his book, **Siphonospora polymorpha von Brehmer** 1947, this researcher also noted that cancer can be prediagnosed in its earliest forms by measuring the pH value of the blood and the appearance in it of large amounts of rod-shaped siphonospora, as viewable under a dark-field microscope.