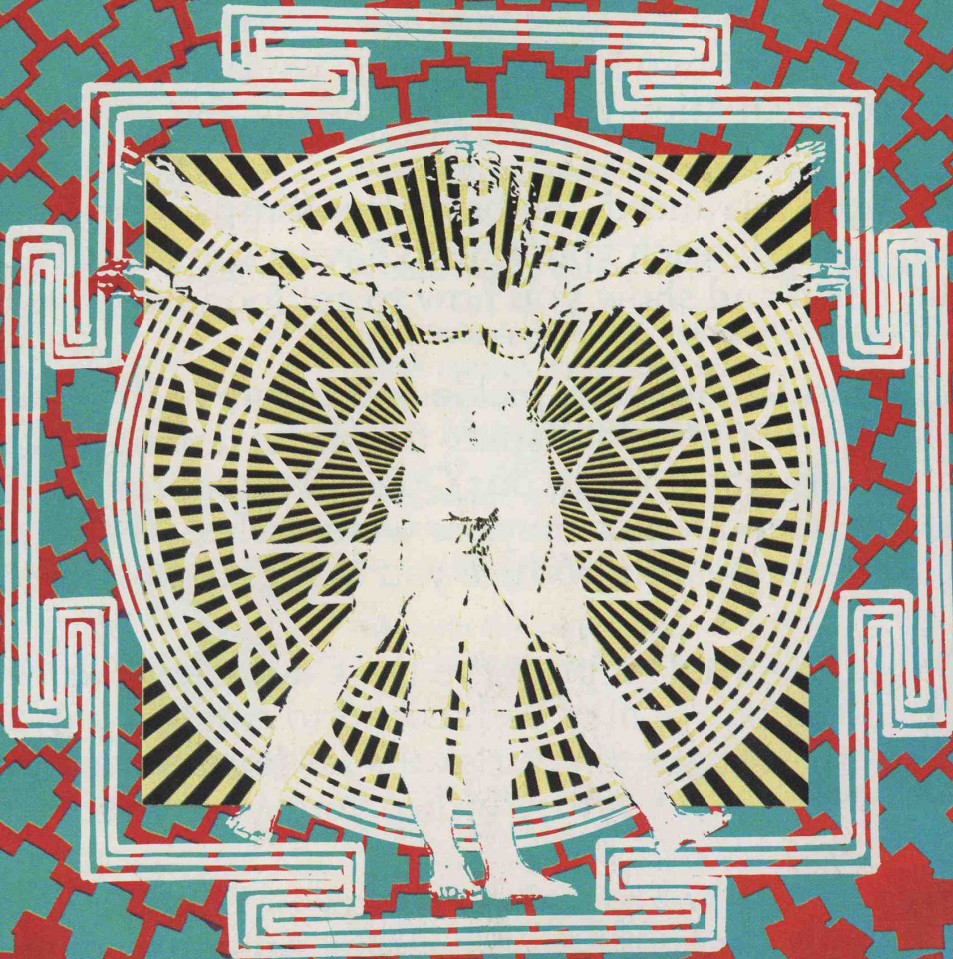


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# NEXUS

BURNAM BURNAM SPEAKS • GAIA • LIFT-OUT CHART  
EVOLUTION HEALING WITH OILS



U.F.O. FILE

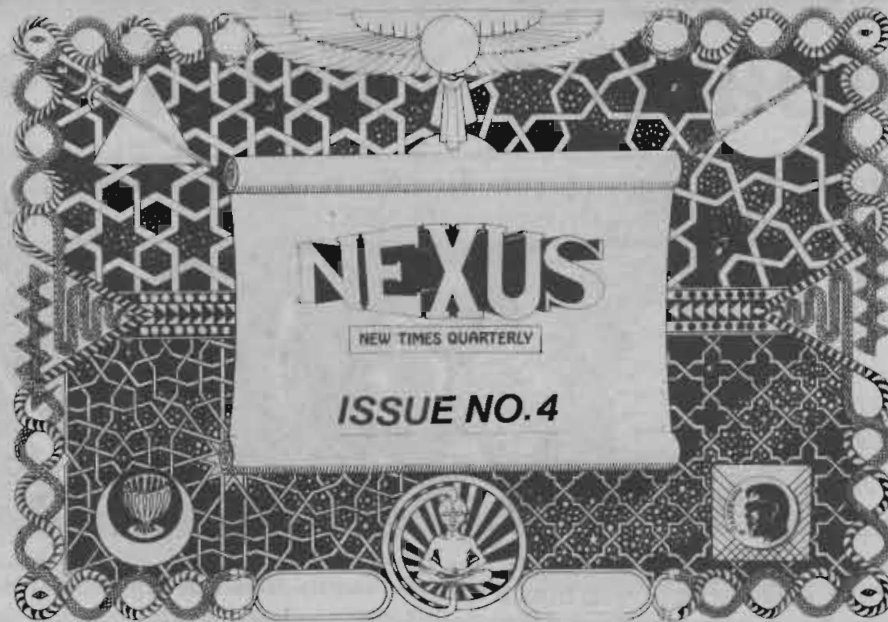
VITAMIN C

GENETIC ENGINEERING • COMIX • CLIMATIC CHANGE

autumn 1988

Made in Australia

P.O.B. A556  
 SYDNEY  
 2000



PHONE:  
 (02)3995043

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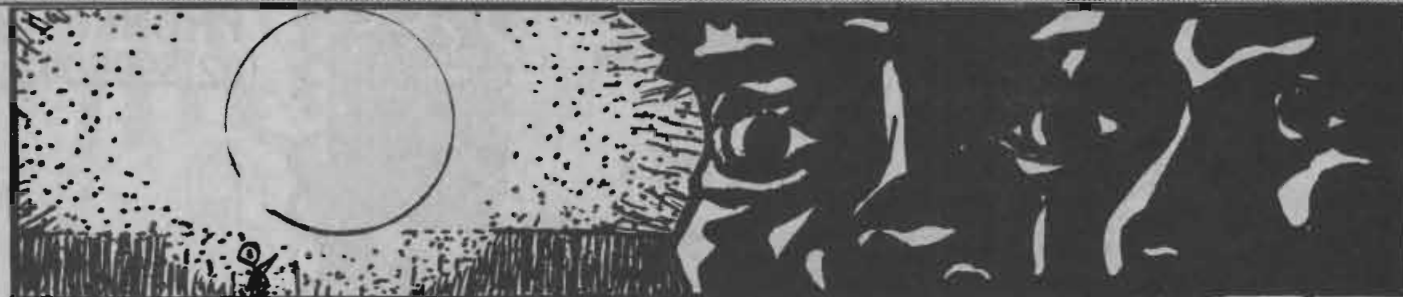
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# Koompartoo - Fresh Start

*Burnam Burnam has run for the Australian Senate, appeared in many local films, eaten with the Prime Minister - and demonstrated against him. He spoke with NEXUS at Mount Oak on the last day of 1987.*



**W**e have to get over 1988, which is a very major stumbling block or challenge for people. In fact my campaign for 1988 is to look at the whole notion of approaching communities around Australia with the view to them making a 'book gesture'; handing their land over to the local Aboriginal land councils with a lease-back arrangement for the next 200 years, where occupancy is never threatened.

I think one of the missing links in the land rights question is that the churches, who have been so vocal in support of land rights, should have the opportunity to give their land back, the whole lot of it - for all churches and religious organisations to do what Malcolm Fraser did with Kakadu and what Bob Hawke did with Uluru - a 'book gesture' where Aboriginals come back to becoming the 'landlords' and the white people the 'tenants'. And looking at the idea of sacred space in churches, Aboriginal sacred sites and white man's sacred spaces - there's no difference. Once you go inside them, or in the vicinity, there's a reverence which somehow comes.

So I want to give them an opportunity to think about land rights over church property and there are many ways of doing that, such as Housing Commission dwellings occupied by Aboriginals; the little piece of land that they're on can be an expression of land rights to the Aboriginal family and in fact the Minister for Housing is very partial to the suggestion.

If you link them up with National Parks, wilderness areas and State Forests and do exactly the same on a State basis, then a hell of a lot of land is going to come back to Aboriginal people. In fact it can be an expression of land rights to urban Aboriginal people and that can give a lot of satisfaction. Now if this can be embedded in a general agreement or *koompartoo* then the idea of having a fresh start becomes very meaningful.

For me, the celebration of 1988 is a kind of hanging out of the trophies of the dispossession and acquisition by Europeans. The planting of a flag at Botany Bay by Captain James Cook in 1770 is as absurd as me going to England on the 26th of January 1988 and planting the Aboriginal flag on the sand below the White Cliffs of Dover, declaring the whole of the island of Great Britain as belonging to the Aboriginal Crown of Australia - and telling the natives there that we're bringing them good manners and refinement. For some of the more advanced we'll bring them the complicated language of the Pitjantjara or another Aboriginal language.

Then we'll give an absolute guarantee that at the end of two

hundred years of occupation of the island of Britain we will make a treaty. If the Queen would like to come and visit me at my leisure and pleasure at Stonehenge, there we can exchange our crown jewels; she can give me her jewels, and I can give her my crown of gumnuts in return.

The reason I would do it that way would be for the absurdity factor as it relates to the whole dispossession process, because most Aboriginal people like me see the theft of Australia as the greatest theft in the history of mankind. From that perspective we can start thinking about what we have in common, rather than highlight our differences - and step into the next double century in a position where we work it out, so that at the end of it we're going to be able to say, 'Well, the second double century was better than the first.'

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## the celebration of 1988 is a kind of hanging out of the trophies of dispossession

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I don't see myself as a spokesperson for the Aboriginal race. I just exercise my free will as a person coming from the Aboriginal people, coming from the Earth, of the continent of Australia - being very individualistic. One thing that's going to happen is an expression of a great deal of anger, justifiably, by Aboriginal people. Thousands of Aboriginal people will be marching on Sydney.

Unless there are positive reasons behind it and unless other things happen, Aboriginal people will continue in the framework of being victims as a race, and of course that comes from the bad decision governments made when they placed all of us for five succeeding generations on the dole. In other words, a handout mentality for Aboriginals has been not only soul destroying, but it has destroyed our bodies. The Aboriginal Reserves turned out to be nothing more than places for walking corpses, people who were destined to a meaningless existence from the moment they were born - with the major agents for genocide, alcohol and drugs, cigarettes and other stuff - and the self esteem factor.

The possibilities for rebirthing, the idea of personal development courses for Aboriginal people should now be entering into the minds of the vision-makers, the Aboriginal policy makers, so that anger and negativity can be channelled into a way which may help us achieve our ultimate goal; recognition on the basis of prior occupation of Australia by the first Australians, so that we can - in harmony - move off into a much better

framework. Until that happens we're not going to get anywhere in this country. I believe that there's a great deal of good will between our peoples and rather than look at an Aboriginal perspective I just look at it as human beings trying to get our act together, trying to develop a higher quality of spiritual existence.

The message for governments is that the issue of Aboriginal land rights needs to be pushed into a higher plane of spiritual consciousness, so that with the process of meditation, prayer, pondering, thinking, setting aside some time during 1988, we can achieve it. I would expect that when I write to the churches they'll be able to give their responses about how attached to their land they are. Churches, like Aboriginal sacred sites and sites of significance, are indeed temples, sanctuaries, sacred spaces. What part of Australia is a sacred space for blacks and for whites? We sorted out ours over a period of 50,000 years. The white people's approach to the sacredness of their special places should be in the process of being sorted out too, because religious organisations in particular need to feel free about the way in which they have acquired the land on which their sacred spaces have been built.

It would be a meaningful gesture for the leaders of the Australian churches to give inalienable freehold title back to local Aboriginal communities under the legislative structure of the 1983 NSW Aboriginal Land Rights Act, where we now can legally receive land. I apply that also to private land. I think there are enough people around who think enough of the Aboriginal cause to consider 'leasing back' their private pieces of land. Aboriginal people come from the perspective that Australia belongs to the universe and the concept of ownership that Aboriginals have is in direct contrast to the European system, which relates to speculation and monetary value.

I say that because for Aboriginals every step's a prayer on our land. We not only worshipped, we caressed the energy of this continent and we've got a long, long history about our connectedness with the land. But I wouldn't deny a white person that spiritual affinity. I wouldn't say to a white person, "You wouldn't know what it's like to be an Aboriginal," even though I know that's true. I would say that I respect your ability to feel for the land that's very special to you and that maybe the only difference between us is that my spirit's been influenced for a much greater period of time than yours. But I would never deny that you have a special feeling or affinity to a piece of land - which is actually very important.

### **We not only worshipped, we caressed the energy of this continent**

There's going to be a big story. We're going to challenge all the people that I talked about, all the organisations and the governments. I want to write a letter to each one of them, breaking the good news and giving them the opportunity to honour and respect their presence here on Aboriginal land.

For the whole of 1988 my contribution is, in a spirit of love, to talk the churches, governments and private property into giving us our land back with a lease-back - maybe for the next 200 years. Which means that no-one's occupation of our lands will be threatened, but the important thing about it would be that for the first time in 200 years, Aboriginal 'landlordship' - which relates to self-esteem, dignity, majesty and nobility - will reappear in Aboriginal people.

When you think of places like Bodhi Farm and Dharman-

anda or churches, the obvious response from Aboriginal people is to test them and this place, Mount Oak, is a classic example. I've already talked to the people here about their spiritual responsibility of giving the land to the local Aboriginal Land Council and they've made a favourable response, as has Bodhi Farm and the Women's Place behind Wauchope - so there is a spiritual movement for that to happen. It hasn't happened formally because there's been no structure behind it all. What I'm doing is providing that structure by making the requests officially.

Land rights is the most crucial issue for Aboriginal people. But land rights is a very big business - in a white man's term the biggest business in Australia. A businessman never goes to the negotiating table in a spirit of anger. He goes there on his best behaviour because he wants to achieve something. In the area of land rights we need our best negotiators. We need people who are bereft of anger. We need people who can successfully negotiate agreements with the governments, churches and communities - and until we get rid of our anger as a race and look at approaching the issue of land rights on a businesslike basis, we're not going to achieve it.

The thing we've got going for us is a very, very powerful spiritual factor between ourselves and the Earth. I was born on the land so I feel a very special affinity to my particular piece of land. I believe that it's achievable to the satisfaction of everybody. I'm not talking about dispossessing nuclear families. I'm talking about land that comes back in a spiritual way, either through inheritance or gift. Therein lies the potential for a very great achievement during 1988.

When you travel around Australia, you get a strong feeling about how big the land is, big enough for everybody.

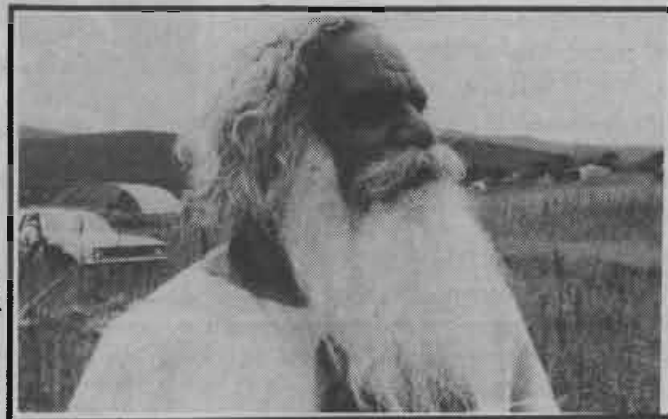


Photo - R. Ayana

There are good points that can be arrived at through the process of meditation that can satisfy all needs. And for Aboriginal people who are sincere about land rights; if the energy of anger has failed, if the energy of crying poor has failed, then the self-esteem approach, the dignified, regal approach is the obvious way to go to achieve the ultimate goal.

I'm looking forward to that day despite the fact that I may be ostracised by my countrymen. I believe that's only for a short time until they understand exactly what I'm on about. I'm no apologist for white people. I've got no beef with them. I just look at people as human beings, and on that basis I'm able to negotiate, talk to, front up - eye to eye contact with human beings.

Burnam Burnam has just completed his book, "A Traveller's Guide to Aboriginal Australia" - 80,000 words and 350 photos. It describes the mythology of the landscape to give the occasional traveller a Dreamtime perspective of the land.

# Genetic Engineering

by Nissa

Since the NEXUS #2 article on genetic engineering the rate of new discoveries and uses of genetics has accelerated.

Last November the British Government announced that genetic manipulating and cloning of human embryos is a criminal offence. They are also setting up a new authority to monitor and regulate test-tube clinics and centres carrying out artificial insemination.

Scientists at Leicester University in England have developed a 'genetic fingerprinting' technique of identification by extracting genetic material (DNA) from samples of either blood, semen, skin or a single hair root. A British court became the first in the world to convict a man of rape on evidence gathered by genetic fingerprinting with this method. Because the technique has only a 1 in 25 million chance of being wrong, police around the world are beginning to use them. DNA identification files will soon grow alongside the massive records kept in police files around the world. The technique will also be used in paternity cases, as a child's DNA is made up of identifiable patterns from each parent and can be compared with that of the father.

## Repairing Genes

Within three years doctors will probably begin correcting some genetic disorders in foetuses. Diseases such as haemophilia, thalassemia and cystic fibrosis are some of the inherited disorders that could be prevented. By taking a small tissue sample from the placenta doctors can identify certain blood disorders. Genes can be replaced by injecting healthy *stem cells*, responsible for most blood-cell production, through the abdomen into the foetus to make it manufacture normal cells for the rest of the person's life.

But in November 1987, the Medical Research Ethics Committee decided not enough was known about the risks to future generations to allow development of Gene Therapy. Scientists and doctors have no way of knowing where the intro-

duced DNA will end up on a chromosome. It could sit next to a gene responsible for cancer and lead to cancer being developed generation after generation.

The National Health and Medical Research Council (NHMRC) in Canberra has set out what are believed to be the world's first national standards on gene therapy. The door has been left open for Australian scientists to develop gene therapies involving only *somatic* (non-reproductive) cells. Manipulating somatic cells could provide new treatments for some diseases and only the individual with the disease would be affected. Manipulating reproductive cells however, could affect the descendants of the treated individual in unknown ways.



## Engineered Food

Now we can have genetically engineered bread, fruit, orange juice and coffee that won't keep you awake. A single gene is responsible for bread going stale and coffee keeping you awake - in the future, genetic engineering will be able to identify the gene responsible for caffeine production.

Plant geneticist Mr Brent Tisserat of the US Department of Agriculture is working on the possibility of growing fruit juice in culture dishes and test tubes.

Working with the fruit sacs which produce juice cells, he's developing a technique for making them reproduce away from the fruit or the tree. We could have the potential to make food more nutritious by controlling what goes into it.

A team led by Dr. Ignacio Madrazo of the La Raza Medical Centre in Mexico City announced in January that they had transplanted brain tissue from a spontaneously aborted foetus into the brain of a man with Parkinsons Disease. The team also grafted pieces of the same foetus' adrenal glands into the brain of a woman suffering from the disease.

A world first, the moral and ethical questions of the use of foetal tissue will doubtless cause an uproar among many people. Pioneered in Sweden, researchers claim the foetal tissue transplants could have significant implications for a number of neurological diseases such as Alzheimers and Huntington's chorea.

A deficiency of the chemical transmitter dopamine is believed to be responsible for Parkinsons disease. Tissue from patients' own adrenal glands has been implanted in the brain to stimulate dopamine production. Some patients experienced dramatic lessening of symptoms. But scientists have suspected foetal tissue would be more effective in implant treatments because it grows faster, is more adaptable and causes less immunological rejection. London researchers are also taking part in the Swedish project.

At Melbourne University's Research Centre for Cancer and Transplantation, scientists have achieved a world first by cloning a gene crucial to the effective functioning of the immune system.

## Viking Defrosted

In Kiev a female scientist has volunteered to be artificially inseminated with the sperm of a 1,000 year old Viking warrior, wounded in battle and frozen to death in northern Siberia around 900 A.D. Any resultant child will be raised normally, but is expected to give scientists a first-hand study of certain abnormalities of gene structure common

among the Vikings.

Biologists from the University of California in Berkeley have traced a particular gene, present in all the world's 5 billion inhabitants to a single woman they call Eve, who lived 200,000 years ago.

The Berkeley group examined the special set of genes possessed by all humans which are carried within the cell cytoplasm or body (unlike most which are carried within the nucleus) called mitochondria, which convert food into energy.

We can only inherit mitochondria from our mother (sperm do not carry mitochondria) and this helped the biologists come to this conclusion. The researchers persuaded 147 women from America, Australia, Asia, Europe and the Middle East to donate their babies' placentas, which were broken down to pure DNA. The mitochondrial DNA differences were clear, but barely any alteration between races was found. The biologists believe there is a 2 to 4% change in mitochondrial genes over 1 million years.

### Dating Eve

They claim Eve's origins were in Africa, after comparing the differences between every possible pairing of the samples taken from the newborn babies. From this they drew up a family tree, linking all the individuals according to the relationship of their genes. Two branches or groups were apparent, one including certain Africans and the second, other Africans and groups. Believed to be dark skinned and dark haired, Eve was a nomad who roamed sub-Sahara Africa. There were maybe a few thousand in her original group and it is believed Eve was more fruitful than the rest, explaining why her progeny multiplied. Her descendants left Africa between 80,000 and 190,000 years ago, moving across Asia and Europe, supplanting Neanderthal humans and ancient Homo sapiens.

Emory University researchers collected blood samples from more than 700 people on four continents, charting a family tree which also went back 200,000 years. They found similarities between human DNA and that of apes in Asia and decided that south-east China was a more likely starting point of mod-



ern humans.

### We Are the Missing Link

U.S. research into DNA has shown that chimpanzees are humans' closest relatives. A Florida University research group carried out a letter-by-letter comparison of a 7,100-digit segment of DNA code from the beta-globin gene in humans, chimpanzees, gorillas and orang-outangs. Finding single-letter differences showed mutations and the total of differences in the DNA code of diverging species gives a relative measure of how long ago they shared a common ancestor.

A second study by Dr. Charles Sibley of San Francisco University and Dr. John Ahlquist of Ohio University measured the evolutionary distance between humans and the three ape species by a technique called DNA hybridisation. They found that humans and chimpanzees had diverged by 1.6% of their genetic code, humans and gorillas by 1.7%. The surprise was that the chimpanzee-gorilla figure was 2.1%. The conclusion was that both gorillas and chimpanzees are more closely related to humans than to each other, making chimpanzees man's closest relative.

Will manipulating DNA improve our quality of life by ridding us of inherited diseases, giving us cures for cancers, multiplying food in shortages, giving us new powers of pest eradication and control - and will it also give us the power to create frightening new diseases, created specifically to attack certain races?

Should we release into the biosphere genetically engineered bacteria, or mutations of animal, plant and human lifeforms which could present a serious danger to the environment? Do we know enough to be able to decide? The human race will always feel the need to control, discover and learn - but *how* should we attempt to play the God of nature?

## Tibetan Peace Plan Causes Riot

In a September address to U.S. Congressmen in the Capitol, the Dalai Lama called for the demilitarisation of Tibet and negotiations with China on Tibet's future. This would enable India to withdraw from the Himalayas. China has supported a Nepalese proposal for a "zone of peace" in Nepal and if Tibet were a neutral Buddhist nation it would complete a buffer separating the continent's great powers. There are an estimated half a million Chinese troops in Tibet, as well as medium-range missile facilities.

In Lhasa, 15,000 people were gathered in Triyue Trang Stadium for a public trial in which eight Tibetans were sentenced to death. One of the condemned men was executed on the spot, another two days later. While Chinese radio broadcasts condemned U.S. interference, posters containing the Dalai Lama's speech appeared around Barkhor Square. There were mass arrests of crowds of Tibetan monks and laity around the Jokhang temple and two westerners were detained by police who confiscated their cameras and film.

Two to three thousand Tibetans gathered around the building where the monks were held. Security forces, including some forty to fifty plainclothes officers, tried unsuccessfully to take individuals from the crowd. In the ensuing violence the building was set alight and police opened fire with automatic weapons, killing at least nine people.

In October the U.S. Senate unanimously passed a resolution condemning human rights violations in Tibet and supporting the Dalai Lama's five point peace plan. While Chinese reinforcements poured into Lhasa the Chinese Foreign Ministry announced that the government of the Tibetan Autonomous Region was banning all travel to the region by foreigners.

- Our Himalayan correspondent

**TIBETAN NEW YEAR  
"LOSAR" CELEBRATION**  
7:30 p.m. Sunday February 21st  
Chatswood Town Hall

Enquiries - phone Nawang on (02) 628 3292

## Tunnel Found Under Sphinx

A team of Japanese scientists from Waseda University have confirmed the existence of an underground chamber six feet east of the Sphinx. They used an electro-magnetic scanner to beam sound waves into the ground last year; now computer analysis of the data in Tokyo has confirmed their discovery and suggests that the chamber contains stone objects.

The Waseda University team also discovered two cavities in the Great Pyramid behind what is called the Queen's Chamber and were the first to confirm the existence of a recently discovered wooden funerary boat in a pit in the same area.

However, they had a mysterious equipment failure when testing inside two chambers discovered by a French team in 1986 (See NEXUS #1), which made a computer readout impossible.

The Sphinx probably represents King Khafren as the Great Pyramid is regarded as the tomb of his father, King Khufu, whose funerary treasure has never been found.

- via American Dowsler



## Cosmic Flu

A Chinese engineer who has spent 20 years investigating the effects of cosmic rays has demonstrated that each of the five major Chinese outbreaks of influenza in the last 50 years coincided with peak periods of cosmic rays reaching Earth.

Yu Zhendong of Hubei Province correctly predicted that a flu epidemic would sweep China in early 1984.

*Chinese People's Daily*

## Around the World in 80 Minutes

A revolutionary space shuttle has been designed to fly from Sydney to London in 45 minutes by sucking up its fuel from the atmosphere.

"We are in danger of losing another typical British and brilliantly simple aerospace concept to foreign interests unless we are extremely careful," said Prince Charles, criticising the British Government for failing to back the revolutionary Horizontal Takeoff and Landing (Hotol) spacecraft.

Hotol takes off and lands like an airplane and can fly from Sydney to London - or space stations - by going into Earth orbit. Due to government vacillation Mr Alan Bond, designer of Hotol's engines, is prepared to risk jail by ignoring British security classifications on his patents to tell people how his engine



works, dealing with the US if necessary. Japan and West Germany are also interested.

The engine works like a ramjet, using atmospheric oxygen for most of its fuel, starts from a standstill and also switches to work as a rocket in space.

Hotol is competing for the European space market with the French shuttle *Hermes*, *Columbus* and *Ariane V*.

## Oil from Plastic

A West German refinery is to turn mounds of worthless plastic into crude oil this year with a pilot recycling plant.

Union Rheinische Braunkohlen Kraftstoff AG (URBK), a refinery owned by West Germany's largest electricity producer, says it can turn 80% of all plastic waste into synthetic crude oil through a "clean process".

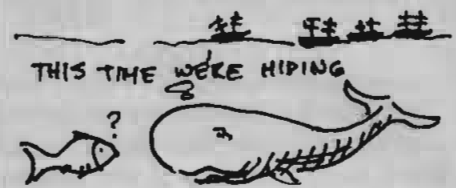
"It does not produce any harmful fumes nor create new problems for the environment," said URBK chemist Mr Dagmar Mertens-Gottselig. Recycled oil would cost about \$US30 a barrel and the system won't be cost effective with current low crude oil prices.

However, next decade when the system is fully operational oil prices will rise as wells in parts of the world dry up and major producers cut output.

URBK has an exclusive worldwide 20-year patent. Even if oil prices don't rise enough next decade, the company expects to make money from plastic waste storage; West German authorities charge ratepayers about \$A155 a tonne for disposal and most is stored.

The pilot plant has an annual capacity of 100,000 tonnes. West Germany imports almost all its crude oil - 67 million tonnes in 1986 alone.

- Reuters



## Marine Life Survey Shock

Spotters aboard the First Fleet re-enactment are compiling a survey on marine life to compare with that made on the original 27,000 km voyage. Preliminary findings indicate an alarming fall in numbers of dolphins and whales since the first survey and estimates say that less than a quarter of the sea life present 200 years ago still remains.

The ships' only close encounter with a whale was with a dead sperm whale encountered by the *Bounty*.

Some species of birds, including port egmont hens, some gulls and gannets appear to be missing, but most seabirds have survived well.

Jonathan King, sailing with the re-enactment, said, "I believe as much as 75% of marine life could have disappeared in the past 200 years."

# Britain's New Healers

Margaret Thatcher has turned to natural therapies to help overcome neuralgia in the neck and shoulders since suffering a dizzy spell at Buckingham Palace last November.

The treatment was kept secret to avoid suggestions that she was showing signs of stress, but has been revealed to consist of massage oils containing rosemary and thyme extracts.

Controlled clinical trials on faith healing, placebos and the "loving touch" in healing are now underway in three large British hospitals as are healing projects in several London districts.

The newly formed Federation of Healing Organizations wants to establish that faith healing works and if current trials are successful the Confederation will campaign for acceptance as a standard therapy by the National Health Service.

The Royal Family was instrumental in the adoption of homœopathic remedies under National Health and last year Prince Charles, convinced healers have a special role to play in fighting illness, opened a centre where priests, doctors and healers can work together to treat patients.



## CONCRETE CANCER

Concrete corrosion threatens about half of Sydney's buildings and will cost \$200 million to repair annually by 1989.

Affecting reinforced concrete particularly, the concrete decay syndrome known as *spalling* occurs when oxygen and moisture reach steel reinforcement, causing it to rust and expand. Surrounding concrete is cracked off high-rise buildings, plummeting to the ground without warning.

North Sydney Mayor Ted Mack, a qualified architect, said the problem is so serious in strata title units that he would not buy one over three storeys.

Major buildings in Sydney which have been repaired for spalling include the Water Board in Bathurst St and St Martin's Tower behind the Q.V.B. which is being clad with aluminium.

Another condition called *alkaline aggregate reaction* is causing problems in two dams in Victoria, a bridge in Western Australia and several industrial buildings. The true life-spans of many of our constructions may be fairly short due to this built-in obsolescence.



## YETI EVIDENCE

Tests on six strands of hair found in central and southern China, where sightings of the Yeti have been reported, showed that the hair did not belong to humans or animals, according to the *Wenhui Daily*.



## Paranormal Normal

There have been a steep increase in psychic experiences during the 1980s, according to a study by the University of Chicago's National Opinion Research Centre.

According to the centre, 67% of Americans say they've experienced ESP, compared to 58% when the centre began polling in 1973. 42% report "contact with the dead" (27% in 1973).

"Visions" are up from 8% to 29%, *deja vu* from 59% to 67% and clairvoyance up to 31% from 24%.

Other Gallup polls through the 1980s show 23% of Americans now believe in reincarnation and 43% report an 'unusual spiritual experience'.

Meanwhile, Indonesia's first paranormal festival has been cancelled because performers have withdrawn from the event. The performers had promised to levitate, turn into tigers, enter small bottles and display telekinesis. The reason for the last-minute cancellation was that "harmful, disturbing forces had made them unable to perform," said organiser Amien Budiman.

## Biodegradable Plastic

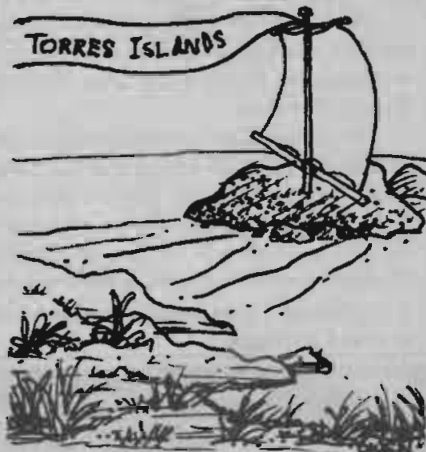
ICI Australia has produced a new a plastic that organically decomposes into harmless gas in weeks.

Biopol, the first truly biodegradable plastic, is made by bacteria fed on renewable materials such as sugar or starch instead of chemicals derived from fossil fuels.

Biopol is broken down by enzymes in the human body, is immunologically neutral and can be used surgically in sutures or as pins to hold broken bones together.

Fibres spun from Biopol can also be used for swabs, dressings or tampons that break down rapidly under bacterial action in sewage systems or compost heaps.

The plastics is about three times as expensive as high-volume, low-cost plastics used in soft drink bottles, etc. But in Britain, ICI has reached a tentative agreement with a major bottle manufacturer to use Biopol - making the polymer cheaper through industry expansion.



## TORRES STRAIT ISLANDS TO SECEDE?

Four hundred members of the Coordinating Council of the Torres Strait Islands voted unanimously to secede from the Commonwealth of Australia in January. The Federal Minister for Aboriginal Affairs, Mr Gerry Hand, flew to the Islands to discuss the decision and Prime Minister Bob Hawke promised to address the grievances of the Islanders. The secession moves are not supported by the Prime Minister Pias Wingti of Papua New Guinea and have been described as a desperate call for help by Queensland NP Senator Ron Boswell.

## COMMUNITIES DECRIMINALISED

Multiple Occupancies - known to some as communities, kibbutzes or communes - have been legalised across shire boundaries throughout NSW, opening private property to hamlet development.

Development applications will have to be submitted to the State Government and local building regulations will still apply. Copies of the legislation are unavailable as we go to press; next issue NEXUS will make an in-depth report on this and other new developments affecting all those on the land.

## DAY OF MOURNING

January 26th saw the largest Aboriginal rally since the beginning of white Australian history. An estimated 15,000 Aboriginals travelled from all over the country to attend the Sydney marches, culminating in a rally at Hyde Park.

The demonstrations were peaceful and well-directed. While the majority of Australians see the Bicentenary as a reason for self congratulation or an excuse for a party, Aboriginals see this year as a crucial one in their struggle for justice.

\*On Australia Day Burnam Burnam kept his date with fate under the white cliffs of dover, planting the Aboriginal Land Rights flag and claiming the Isle of Britain for the Aboriginal Crown. The only sour note in his trip was sounded by editorial comments in the *London Sun*, a Murdoch publication in which Aboriginals were described as "treacherous and brutal" people adding: "Left alone, the Abos would have wiped themselves out."

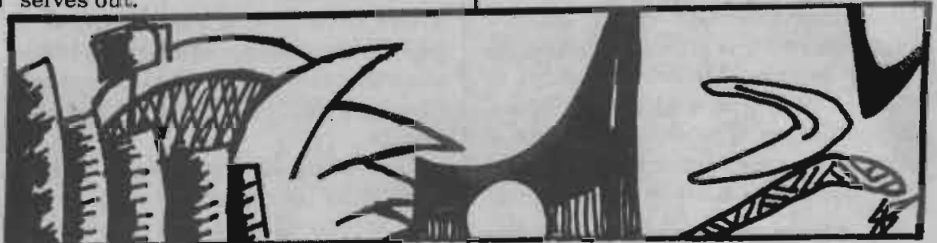
## Black Jail Alarm

Aboriginals are 23 times more likely to be jailed than non-Aboriginals according to the first national survey of Aboriginal imprisonment.

Other findings of the Institute of Criminology study show that;

- \*Aborigines account for 15% of prison intakes while making up only 1.3% of the population.
- \* Four-fifths of Aboriginals jailed committed minor offences and less than 1% were guilty of drug offences.
- \* Male Aboriginals in their twenties have a 5% chance of being jailed; in Western Australia the figure is over 8%.
- \* Queensland, Victoria and Tasmania have failed to set up State offices for the investigating Royal Commission - Queensland has refused outright.

The Royal Commission into the deaths of over 90 Aboriginals in custody began in late January. Aboriginals estimate that more than 1,000,000 Aboriginal deaths have occurred as a direct result of the European invasion.



## THREAT FROM MONOCULTURE

According to Mr Phillip Ruthven of IBIS Corporate Services, many family farms can't compete in an "increasingly competitive international and corporate world." His prediction is that 34,000-42,000 farmers will lose or quit their land over the next five years leading to "a massive and long overdue surrendering of land ownership" to the corporate sector.

Perhaps "surrendering" is a euphemism for driving farmers off their own land; Australian farmers are still among the most efficient in the world.

## MALAYSIA ARRESTS GREENIES

Malaysian authorities have extended their arrests of politicians and social activists to include environmentalists opposed to logging. Nine environmentalists were arrested without charges, including three in Sarawak on Borneo island where Penan tribesmen are holding off loggers with blowdarts, bows and arrows and blockades.

Paramilitary police also arrested 40 Penan tribesmen, including the leader of the Penan (see last issue).

## Oil Drilling off Sydney

Exploratory oil and gas drilling is set to begin three nautical miles off the coast of Sydney.

A decision is expected to be made by the beginning of March on granting an exploration permit to drill the *Sealion prospect*, which is thought to stretch from Sydney to Port Hacking. In August last year the Federal and NSW Governments invited corporations to bid for drilling in the exploration zone, which stretches thirty miles out from the shore.

"A major oil spill which floated in would render the coastline sterile," according to Milo Dunphy, director of the Total Environment Centre.

"It could wipe out marine life and cripple Sydney's fishing industry."

The project can only be afforded by a big consortium or major oil company, and names of bidders are 'confidential'.

## Selective Blindness

According to a recent survey from Griffith University's School of Australian and Environmental Studies, around 90% of farmers believe soil erosion is not a problem on their farms. In the same study, however, 47% consider erosion a major problem on *neighbouring farms* and 88% believe it is a problem in their area of the Darling Downs, where the study was made.

Farmers adopt the same attitude to soil erosion as most people do to cigarettes; they accept the data is probably correct, but say it doesn't apply directly to them.



## Britain Helped in Oz Coup

A television documentary to be shown on the A.B.C. in April claims that Britain's security services played a major role in the Whitlam Government's sacking in 1975.

John Pilger, producer of the documentary *The Last Dream*, quotes CIA sources describing Whitlam as a "security risk in his own country", after Whitlam told Washington that US bases were not sacrosanct and that the bases treaty, due for renewal one day before Whitlam's dismissal in 1975, might not be extended.

A Washington-based expert on defence and intelligence claims that dozens of calls were made from the CIA to

MI5 and MI6 to help overthrow the Whitlam government.

Pilger also claims that the former Governor-General Sir John Kerr had previously been associated with two right-wing groups, one CIA funded, and the other a CIA front.

CIA involvement in the Whitlam coup has been documented and even admitted. Whitlam did not learn that Pine Gap was a CIA base until one week before his dismissal, by which time Theodore Shackley of the CIA had destabilised the government and millions of dollars had been transferred to the opposition coalition's campaign funds according to Vic. MP Joan Coxseidge.



## Manned Mars Mission Mooted

Earth's longest-orbiting person, Soviet cosmonaut Yuri Romanenko, says a manned Mars expedition is becoming "more and more realistic".

*Aviation Week and Space Technology* claimed in December that the White House and NASA were studying a Soviet proposal to use a US space probe for a joint US-Soviet-French exploration of Mars in the 1990s.

## New \$2 Coin

The Federal Government is issuing a Bicentennial \$2 coin featuring a wildflower on one side and the head and shoulders of an Aboriginal against the Southern Cross on the other.

The replacement of the \$2 note is upsetting wool and wheat farmers because the old note features John Macarthur, founder of the wool industry, and John Farrer who developed disease-resistant Australian wheat.

## NEW VIRUS INFECTS HUMANS

Five farm workers in Argentina have been deliberately infected with a genetically engineered virus in an unauthorised experiment to test a vaccine for bovine rabies. This was disclosed by Mr Jorge Ahumada, an official in Argentina's Health Ministry, to US environmental group *the Foundation on Economic Trends*.

The foundation said it was pressing the US National Institute of Health, which helped fund the experiment, to tighten regulations against releasing potentially dangerous new life forms into the environment.

The experiment was carried out in 1986 near Azul, 350 km south of Buenos Aires. This is the first time humans have been deliberately infected as a result of a virus from recombinant DNA research.

# Surviving Earth's Cycles

Amid speculation about world climatic change and the 'Greenhouse Effect', one theory seeks to explain why temperature extremes, freak storms and cyclonic winds are on the rise through a cyclic view of Earth history.

American engineer John D. Hamaker retired to his land in Michigan to work on problems afflicting humanity. Chief among his concerns was that glaciation is inevitable (according to geological and fossil records) when soils run out of minerals - a point that has almost been reached.

Climatic change is occurring rapidly, helped, but not caused, by the Greenhouse Effect - which may turn the temperate zone subarctic and result in the world losing its food supply.

There is something exciting about new ideas which draw upon work in diverse fields and challenge the orthodox. In this case the 'gradualist' view of climate, soil and tectonic change that argues for incremental modifications in planetary conditions - is challenged by a theory that explains the causes of regular ice ages and predicts the onset of the next one. It is possible that we are now about half-way through a 20 year transition from interglacial to glacial conditions!

## Soil Depleted

Hamaker's writings focus on the role of soil demineralization. This is the difference between Hamaker and other catastrophe theories - there is no *external* cause of changes in climate (asteroids, cosmic dust clouds, etc), but the interrelationship of the geophysical systems is such that there is a natural progression from one ice age to the next. Hamaker is convinced that the present interglacial cycle is at its end, and worldwide starvation by 1990 will be the first result.

## The Geological Cycle

In his book *The Survival of Civilization\** Hamaker describes a grand cycle. Through the tectonic system, compounds containing elements useful to living organisms are raised, as molten rock forms mountains and plateaux, bringing soil-enriching minerals to the Earth's surface. Erosion moves the minerals to lowlands, mainly during glacial periods. The weight of glacial ice forces magma to the surface along volcanic ridges, while glaciers grind the rock and deposit the minerals - the basis for the layer of topsoil.



Volcanic activity also adds large amounts of carbon dioxide (CO<sub>2</sub>) to the atmosphere. Increasing levels of CO<sub>2</sub> are an essential ingredient in conditions necessary for glaciation, through the greenhouse effect of increasing cloud and ice cover at the poles. Over some 85,000 years the ice caps continue to build, then take another 15,000 years to return to the interglacial low.

Glacial runoff waters the surviving vegetation, which slowly consumes the CO<sub>2</sub>. The turning point is reached as the temperature of the ocean is lowered by melting ice, giving it a greater capacity to store CO<sub>2</sub>. Sea life booms with plenty of CO<sub>2</sub> and minerals supplied from glacier-ground rock, which is returned to the crust as sea floor sediments. As the level of CO<sub>2</sub> drops, the ice fields retreat and vegetation moves north, replacing tundra with northern-latitude then temperate-zone trees in rapid sequence.

The land and water is incredibly rich in the necessary basic elements, the legacy of glaciation. At the climatic optimum, "roughly 4,000 to 8,000 years ago, the land was covered with a massive growth of temperate zone forests, the sea still held an abundance of sea life and the tectonic system was under low pressure". CO<sub>2</sub> increase in the atmosphere is exponential at the end of interglacial periods. 4,000 years ago CO<sub>2</sub> was perhaps as low as 100 ppm (parts per million), compared to 290 ppm in 1890, 304 ppm in 1940, 314 ppm in 1960 and 335 in 1980. The most recent observations are around the 350 ppm level. "The indication is that the CO<sub>2</sub> level has been slowly moving up for 4,000 years toward the level of initiation of glaciation", according to Hamaker.

## The Climatic Cycle

Fluctuations in the level of CO<sub>2</sub> determine the changes in climate, but it is living organisms which cause these fluctuations, particularly sea life and especially shellfish, which absorb CO<sub>2</sub>. Life depends on a supply of essential elements and compounds that come from the minerals in soil and water. Over the course of the interglacial cycle these are used up, so 20,000 to 25,000 years later there is only a depleted and insufficient amount for extensive and healthy life left; "Glaciation starts because the

minerals are used up in the land and in the sea". The minerals in the soil are the food supply for microorganisms that are the source of protoplasm compounds that support all other life. With their depletion the life system collapses until another glacial cycle is completed and the ecosphere is regenerated.

### Weather Changes

Since 1972 weather patterns have become more destructive. Extremes of temperature, rainfall, snow, floods, high winds and tornadoes are now much more common. Changes have also occurred in the climate of the Arctic. Icebergs have increased in size and are drifting further south, while parts of Baffin Island formerly bare in summer are now snow covered year-round. The Antarctic is also expanding; glaciers that were receding between 1911 and 1958 have advanced over 12 miles in the last 20 years. Icebergs are spreading north.

### Acid and Fire

Epidemic forest fires indicate an accelerating transition to glacial conditions. In a time of demineralized soils and increasing climatic stress the temperate forests of the world go up in smoke. Again, figures since 1980 seem to confirm this - huge fires in Spain, Greece, Alaska, Russia and North America. Last year the largest fire for millennia raged across northern China consuming thousands of square miles. Detailed data from the US Department of Agriculture is given by Hamaker - an excerpt:

USA	1964-75	1976-78	%Up
Ave # of fires	119,000	207,000	74
Acres burned	2,720,000	3,612,000	33
(both per year)			

Acid rain is another important pre-conditioning factor. The predominantly coniferous (i.e. pine) vegetation that grows on nutrient-poor, mineral-poor and acidic soils burns terrifically and acidifies its surroundings. In the tropics soil depletion and acid rain makes forests more vulnerable to fire until eventually they burn in gigantic conflagrations. At least, what's left of them after the deforestation now happening in

South America, Southeast Asia, Africa and Australia.

"This supporting data strongly confirms ... that there is no longer any shortage of evidence needed for the initiation of intelligent worldwide cooperative action" to reduce CO<sub>2</sub> levels.

### The Solution Cycle

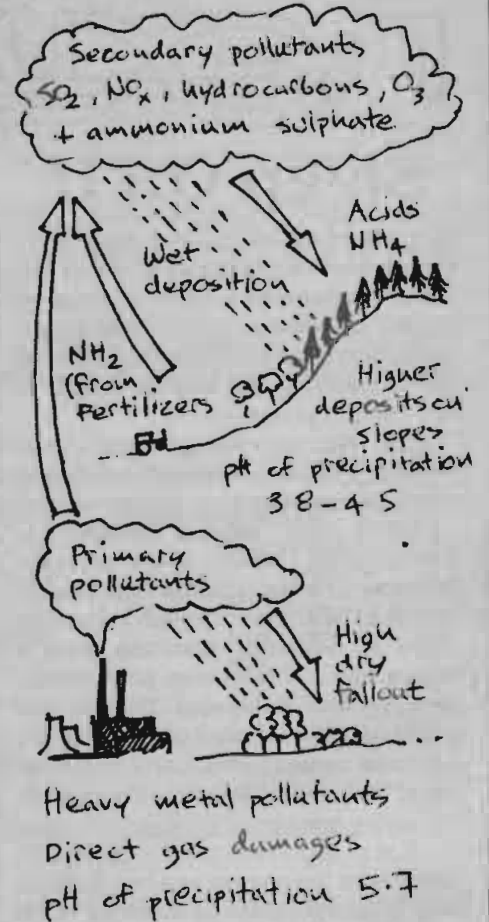
To prevent the onset of the next ice age and achieve a measure of control over the climate (i.e. stabilise it in the current interglacial cycle), Hamaker has five "minimum objectives":

- 1) Stop the use of fossil fuels with their attendant CO<sub>2</sub> buildup as quickly as possible, phasing in viable alternative energy sources now;
- 2) Reforest the planet generally and plant mature tree plantations to replace fossil fuels (every power station should have adjacent plantations for their use);
- 3) Remineralize rivers and coastal waters with ground gravel dust to encourage shellfish growth (prolific consumers of CO<sub>2</sub>) by adding ground gravel to sewerage systems;
- 4) Remineralize the forests and jungles to stop them dying and encourage growth by using aircraft to drop gravel dust (requisitioning most of the world's aircraft could be required for this);
- 5) Remineralize cropland to increase food quality and yield to compensate for crop losses to drought in the low latitudes, and cold growing seasons in high latitudes.

### Rebuild the Atmosphere

The task is to reverse the buildup in the CO<sub>2</sub> cycle and put carbon back into the earth as quickly as possible. Without a "colossal effort on an international scale" to meet these objectives we can "resign ourselves to death by malnutrition and starvation".

On his own 10 acre plot of land in Michigan, Hamaker added 46 tons per acre of ground glacial gravel. The results were healthier, disease-resistant crops of corn in the first year, that were tested by the US National Laboratory and found superior to other corn grown locally. Anyone involved in tree plantings or crops of any kind



can test this for themselves, especially if land that has been abused and 'clapped out' is being worked. In Australia the average topsoil-loss per acre is currently 20 tonnes per year. Five tonnes per year is considered the maximum tolerable loss.

The theory also holds that malnutrition is a direct result of soil demineralization. The healthy Hunza people, whose valley is watered by milky-coloured glacial melt, contrasts with the disease-prone populations of most of the rest of the world. Food quality is determined by soil quality and our mental and physical wellbeing is the result.

Perhaps the condition of modern mankind - individually and collectively - can be seen as evidence for the Hamaker Theory =

\* John D. Hamaker, *The Survival of Civilization*, Hamaker-Weaver Publishers, Route 1, Box 158, Seymour, MO 65746, USA; or P.O. Box 1961, Burlingame, CA 94010, USA - \$15.95)

- Gerard

## Sleep On It

Two psychologists believe they have come to a new understanding of dreams. David Fontana and Myra Thomas of Cardiff University believe that dream symbolism often produces vital clues for problem solving and may be crucial to our thought processes.

The two psychologists set word problems for subjects and have them recall dreams, which are then analysed.

Using one complex anagram - SCNACEDELIHNSKR, where the solution was Charles Dickens - the subject intuited the answer through a complex chain of reasoning resulting from a dream about a television programme, *Dempsey and Makepeace*. The star had a hairstyle like a friend of the subject's, a woman named Carol. Carol reminded her of Dicken's *A Christmas Carol*, leading to the answer.

It is as if the dreaming mind had already seen the answer and had to find a way to communicate its meaning to the dreamer using associative thinking.

"The interesting thing here," said Fontana, "is the kind of reasoning used to get from the dream symbolism to the anagram solution. It isn't logical linear thinking, it's not lateral thinking and it's not trial and error. It exposes a wholly different pattern of thought which seems much more linked to intuition and creativity."

In a new book, *The Power of Dreams*, Brian Inglis recounts several examples where sleeping on a problem has produced a solution. Among his examples are: Elias Hoe's invention of the lock-stitch sewing machine; Friedrich Kekule's discovery that the chemical structure of benzene is circular; and Niels Bohr's planetary model of atomic structure.

Most people have five dreams a night - remember to remember yours.



## Votes Manipulated

The NSW State Government's voting changes in the Upper House give them more power to manipulate the vote and drive small parties out of the field.

Under the new system for this year's NSW State election, people can give the party machines control over preferences by a single mark.

According to Dr Ernie Chaples, head of the University of Sydney's School of Government, the consequences can be seen in the Federal Government's power over the election of minor party senators in 1984 and 1987.

**Despite getting 294,000 votes in 1984 - almost 10% of the NSW vote - Peter Garrett of the N.D.P. was not elected.**

"Instead, Australian Democrat Colin Mason, with only 223,000 primary votes, was elected because the NSW Labor Party Administrative Committee did not want Garrett in the Senate under any circumstances," Dr Chaples said.

Last year NDP candidate Robert Wood was elected with Labor preferences although he won only 48,238 votes, or 1.5% of the formal vote.

**"They even directed preferences to the Liberal and National Party ticket before directing them to Garrett - a fact little known by most Labor voters."**

The NSW group voting scheme is even less democratic because the Legislative Council ballot paper will show no party names. Voters can still choose candidates in order of preference if they wish - but over 91% of Labor voters used the single mark-registered option at the 1987 Senate election.

"Any time the choice of candidates at elections is made more confusing for voters and any time choice is transferred from the voter to political party officials, real democracy and popular control of government must suffer," said Dr Chaples.



## MILITARY JOYRIDE

Global military expenditure last year - the International Year of Peace - reached \$US930 billion or \$US1.8 million (\$A2.6 million) a minute, according to figures released by Mrs Ruth Leger Sivard, former economic chief of the US Arms Control Agency. In the last few years weapons have become a form of international currency and in many ways have replaced gold as a basis for trade.

A military joyride on credit for the purchase of arms has left a huge debt for future generations to repay, Mrs Sivard said. The US is spending \$303 billion on defence in 1988, \$10 billion more than the 1987 budget. -AP

## Soviet Laser Blinds US Pilot

The pilot of a US surveillance aircraft flying over the Hawaiian Islands has been blinded by a laser fired from a Russian ship patrolling a Soviet ICBM splash-down site.

The co-pilot's vision was "disturbed" for ten minutes but preliminary medical checks showed no apparent damage, according to Senator Jesse Helms of North Carolina, releasing a declassified version of a report on the incident.

The ICBM was fired on a course taking it within one degree of Hawaii.

## Believe It Or Not

\*The fuel consumed by the Pentagon in a single year would run the entire US public transit system for 22 years.

\*The world spends 2,900 times as much on national military forces as on international peace-keeping forces.

\*Protecting Kuwaiti oil tankers in the Persian Gulf costs the US Navy \$US365 million a year above normal operating costs - about three times the US budget for energy conservation research.

## PVR FOOD THREAT

The Plant Variety Rights (PVR) Advisory Committee is seeking comment from companies and the public on the immediate inclusion of the following:

Rose (*Rosa*), Apple (*Malus*), Kangaroo Paw (*Anigozanthos*), Phalaris (*Paquatica*), Bean (*Phaseolus vulgaris*), Cotton (*Gossypium*), Rape (*Brassica napus*) and Macadamia. These plants will be used by the committee and public for experience in introducing PVR to cover a wide range of plant types. The committee is advising the Minister for Primary Industries and Energy on plants to be included in the new PVR Act (1987).

This means that private companies will be given patents and complete control over these varieties - and ultimately all plants. Act now! Write and express your opinion to your relevant State and Federal Ministers.

PVR is a nasty piece of dangerous legislation vilified in other countries where it has been introduced. It puts our food supply in the hands of chemical companies who are removing original primary-strain seeds from supply and leaving us with sterile, chemical-reliant hybrids.

Our original food strains are becoming extinct in a disastrous depletion of the gene-pool because of PVR.



## Hunger Amid Plenty

Twenty million Americans - over 8% of the US population - go hungry and suffer from malnutrition every day, according to a report by the Physician's Task Force on Hunger. Task force head Professor Larry Brown of Harvard University said, "People obviously aren't dropping like flies. But if you look at Census Bureau data on household income, you find people can't cope."

## Worst Earthquakes in Oz History

Local Aboriginals fled into the desert as Tennant Creek in the Northern Territory was struck by the worst series of earthquakes in Australia's recorded history on January 23rd.

"Many have just packed up and moved out," said local police Sergeant Garner. Two of four major quakes were above 7 on the Richter scale - one was at 7.3 - and were described by Dr David Denham, head of seismic research at the Bureau of Mineral Resources in Canberra, as "most unusual. This is of interest on a world scale."

The tremors, centred 40km from Tennant Ck, were felt in Mt Isa and as far away as Perth, Adelaide and Cairns, where curtains and hanging plants swayed in the new Hilton International Hotel. They would have caused severe damage near any major population

centre, and followed large earthquakes in Niugini in the previous month, some of which registered 7.8 on the exponential Richter scale.

Hundreds of aftershocks followed the second major quake, which is believed to have created a 40km long and one metre high ridge or fault line.

"The larger the earthquake... the longer the activity continues," Dr Denham said, "because the fault that is ruptured by the major earthquake probably still is not in equilibrium with the surrounding rocks. The aftershocks are small adjustments."

"I would expect this sequence to go on for at least a year, but the intensity will diminish significantly. At the end of 12 months they will get an earthquake a day. No-one will feel it, but it will be recorded on instruments."

## DEATH STARS BRING LIFE

All the elements in the universe heavier than iron - those with more than 25 protons in their nucleus - were produced in exploding stars.

Detection of gamma radiation from the thermonuclear fusion of Supernova 1987-A, whose light reached the Earth in February last year, has confirmed this 20-year-old theory according to Tom Prince, astrophysicist at the California Institute of Technology.

"Just about everything we see around us - such as the iron in your car - was thrown out from a supernova."

"We wouldn't have life as we know it without the production of these heavy elements in supernovas," said Gerald Share, Naval Research Laboratory astrophysicist.

It's likely the newborn universe was composed almost completely of hydrogen and helium, which later fused in the intense pressure and heat inside stars to transmute into all the other elements that exist today.

Many scientists now believe we inhabit a third-generation solar system formed from the floating detritus of two previous generations of suns.

1987-A exploded 160,000 years ago and expanded to shine out like a beacon in the Large Magellanic Cloud in February last year.

## BREATHING PLANET

Scientists in Phoenix, Arizona have discovered that ancient air trapped in amber for 80 million years contained 32% oxygen - compared to today's 21%. Samples dating back 25 million years, however, proved to contain only 15% oxygen.



## New World Order?

Two leading Soviet economists claim that a new international economic order inspired by Soviet economic reforms and successful arms control agreements is now possible.

Mr Abel Aganbegyan, top economic adviser to Soviet leader Mr Gorbachev and Mr Stepan Sitaryan, deputy chief of the Soviet State Planning Commission, raised the possibilities of a freely convertible rouble and joint US-USSR humanitarian assistance to developing countries at a Washington meeting in December.

Mr Aganbegyan said Moscow was ready to spend some savings from disarmament and a more efficient economy "to satisfy humanitarian and food needs of developing countries."

This year the US & USSR are to carry out joint nuclear tests after visiting each others' test sites.

Mr Gorbachev's *perestroika* (reconstruction) program calls for decentralized decision-making, increased scope for market incentives, partially decontrolled prices and a smaller bureaucracy. Time will tell.

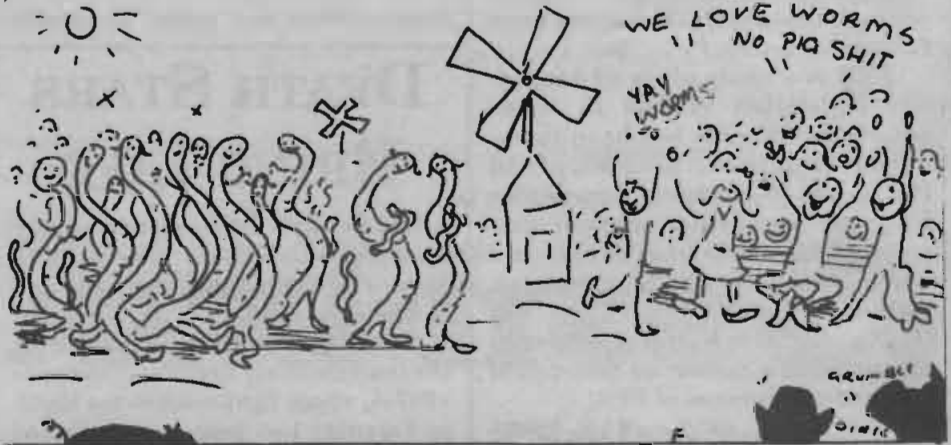
## Worms Can Save Holland

Hundreds of tonnes of manure are being transported back and forth across Holland while local authorities dispute where to dump it. 15 million pigs produce almost 80 million tonnes of dung yearly and only half can be re-used as fertilizer.

Ammonia from pig and cattle dung causes 60% of Holland's acid rain - over half of Holland's trees are irreparably damaged and another 35% are sick - and nitrates from manure leaching into waterways have caused uncontrollable algal growth, rendering 15% of Holland's water undrinkable.

Disposal problems make methane power generation infeasible as well. A possible solution to the pig dung problem is offered by earthworm farming. A simple worm plot occupying an average suburban backyard will consume 25 tonnes of pig manure a month, leaving rich soil behind.

In Australia, the demand for worm manure vastly exceeds supply. There are only 30 worm farms, each generating a modest income, scattered across Australia. Worm casings are a vital component of soil regeneration - healthy worms mean healthy soil.



## WWII CONTINUES

The Soviet Union and Japan failed to reach agreement on the wording of a treaty that would mark the end of World War II late last year. However, the two countries agreed to work towards closer relations at a top-level meeting which lasted two days in November.

## COST OF THE CRASH

Investors across the world lost over \$US1.7 trillion (\$A2.4 trillion) in the world stock market crash of October.

According to Salomon Brothers, a leading US investment bank, 40% of this loss was from the US stock market. Australia accounted for 5% of the total loss, or \$US5 billion, the fourth largest fall.

## Tweed Weed Blockade

Residents of Byrrill Creek, near Murwillumbah, blocked a bridge to stop a weed-spraying team entering their valley late last year, claiming that the use of 2,4-D on the noxious weed groundsel had caused widespread illness in the valley. Spokesperson Mary Peacock said residents had been hospitalised since the spraying on council land began three months earlier.

More than fifty local people held back the weedicide tanker for an hour until threatened with arrest. They continued their protest outside Tweed Shire Council at Murwillumbah until met by councillors and staff.

"We are even willing to go out and cut the weed ourselves if they stop the toxic spraying," Ms Peacock said.

## Fungus Cleans Up

Certain fungi (toadstools, bracket fungi, puffballs etc) break down a wide range of chemicals, including organochlorines used in insecticides.

One of the chemical mechanisms that allows them to cause white rot in timber may now be used to fight chemical residues.

Strains of the fungi could even be bred to attack specific compounds, according to Professor John Waid from the Department of Microbiology at Melbourne's La Trobe University.

He said that fungi occur naturally, don't need genetic modification or engineering and could be safely introduced into contaminated environments, being easily eliminated after they clean up an area biologically.



AIDS disinformation is rife. While the World Health Organisation (WHO) says there were 73,670 AIDS-positive cases worldwide at the end of 1987 (a 40% rise last year), the *London Sunday Times* and other mainstream media are claiming there are 2.5 million cases in Zambia alone, with over 50,000 deaths there already - but no sources have been cited for these figures.

### AIDS for Africa

Most of Africa has an equal proportion of men to women carriers and a growing number of babies are born infected.

In South Africa however, AIDS reports were confined mainly to whites - claiming sixty lives among homosexuals, intravenous drug users and hæmophiliacs according to the WHO. The Botha government has ordered mandatory AIDS screening for all foreigners seeking work in South Africa and Health Minister Dr Willie van Niekirk has warned that all foreigners with AIDS will be expelled and South African sufferers isolated.

Recent tests by the Chamber of Mines on workers have turned up about 1,000 positive cases. Most mine workers are 'migrants' forced to regularly travel huge distances from their 'homelands' to the mines.

Why the disparity between African Negro and general world figures? Studies have shown that the spread of AIDS in Africa has followed immunization programs in which entire villages are commonly injected using one needle - dropped in a bucket of water for 'sterilization'. This alone could account for the rapid 'heterosexual' spread of AIDS in

# Truth Shrouded in Hysteria

**Africa; and in Australia there have been no definitely confirmed cases of heterosexual AIDS transmission!**

## Debunking AIDS

Australia has had only 681 AIDS-positive cases (from a population of over 16 million - only .0042%) since reporting began in 1979.

Since AIDS testing is only 85% accurate, 15% of those diagnosed as healthy are in fact infected and are not given a second test. Furthermore, 15% of people who don't have AIDS are told they're infected after their first test. When given their second test, 15% of these - 2.25% - are falsely told that they definitely have the retrovirus.

## Racist Disease

Another recent study by geneticists has shown that Negroes are more susceptible to AIDS than other groups. Human beings have three major 'G-factors', or genetic factors, which can be used via new DNA mapping procedures to show (among other things) a person's racial history. AIDS has been shown to infect the G-factor group which characterises most Negroes more easily than any other group.

## Immune Response

There is growing recognition, backed by now-considerable laboratory evidence, that many of those who have AIDS were probably suffering from a diminished ability to fight off disease before they

became infected with the retrovirus. Researchers have found that many homosexual men - who account for two-thirds of Americans with AIDS - have long histories of low-grade infections that overload the body's immune system. Extensive treatment with antibiotics has been linked with AIDS susceptibility as well.

The other groups most at risk - heroin users, hæmophiliacs and hospital patients who received blood before 1985 - share some of the same infections, and each group has its own unique set of "host-factors" or "co-factor" disorders.

The "co-factor" theory challenges the widely-held assumption that the only thing the AIDS "risk groups" have in common is being exposed to the virus in ways most likely to cause infection.

Researches are now recognising that for healthy men and women, infection may not result in death or even illness. Recent studies show that frequency of intercourse is NOT a factor in contracting AIDS.

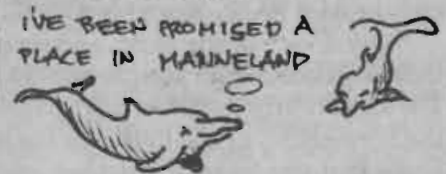
"I believe there are people who have encountered the virus and successfully fought it off," says Miss Susanna Cunningham-Rundles, an associate professor of immunology at the Cornell University centre in New York.

Some patients have cured themselves completely - with no sign of AIDS remaining in their system - and researchers are at a loss to otherwise explain how many people fail to develop any symptoms after AIDS is detected in their bloodstreams =

## NEW BUSH SCHOOL

Sydney's Scots College has a plan to arrest "moral decay" of its students by isolating them in natural surroundings for a year. The school has bought 120 hectares of land at Kangaroo Valley and begun constructing cabins that will house 180 Year 9 students. In addition to the regular school curriculum, the boys will prepare food, collect firewood, hike and abseil. The isolated camp will give all-round supervision to the Presbyterian school, will prevent relations with the opposite sex, and interference by parents. Headmaster, Graeme Renney developed the plan out of concern that his pupils were being influenced by a society in which the Church has lost all its impact.

## DOLPHINS HUNT MINES IN PERSIAN GULF



The US Navy has sent five dolphins to their Middle East Force in the Persian Gulf, to assist them in detecting underwater mines. The dolphins are trained to spot only the type of mine deployed by Iran, but were not trained to attempt to detonate them, according to military sources who asked not to be identified.

Two of the dolphin team have died of bacterial infections.

# Evolution

## Life's Search for Life (Part 2) by John Burke

Evolution has not stopped... or reached its highest possible expression. It continues through every act of life.

Modern scientific observation has shown us that matter itself is being constantly renewed. Hydrogen ions are drawn into existence by the furnaces of stars and the vacuum of deep interplanetary and interstellar space. Life - organic life - is the passage of this 'prima materia' - first matter - through the three basic forms of carbon, using water as a 'menstruum'. A menstruum is a medium that provides a background for the essences to act through and at the same time is a source of catalysts - extra hydrogen ions and trace elements.

Our conscious experiences are a kind of menstruum as well. Our individual consciousness provides the background and our interactions with our environment provide the catalysts that allow the infinite consciousness of spirit to perceive and affect the worlds of matter. But why would it want to?

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**Evolution is the development of portable sets of self-healing, self-motivating, sensory and discriminatory units based on the abilities of carbon and oxygen. This is so that these individual units can define and confirm the reality of self and not-self... the I and the beloved**

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Think about the individual conscious experience... without eyes or ears or any of the five senses... of one cell of your own body - say a blood cell.

Why does it desire to do, and then actually carry out, the things needed for your health? Does it desire wealth? The adulation of its fellow blood cells? Does it care about the bone cells... or the liver... or the brain... does it even know that *you*, as such, exist?

Can we say that this cell has consciousness? Is it aware? It certainly carries out some pretty complex interactions. The experiences handed down to us by skilled yogis and mystics from every one of our root cultures tells us that everything has consciousness... and even awareness. This awareness is limited only by the senses available to any unit of existence... from organic life, to matter, energy and even electromagnetic fields.

Keeping this in mind, think about a water molecule as it's evaporated off a river. What are its hopes and aspirations? Does it know and recognise other water molecules in the air? Is it the memory of the lifebringing joy of the river that drives them together to form clouds? How lonely would one solitary water molecule be?

Think now about before matter... let yourself imagine all the matter unravelling... the atoms falling apart... the subatomic particles streaming into spirals of energy... even the energy itself unfolding into its basic electromagnetic field... then the poles of this already infinite field of force dissolving into a single unity.

Imagine the utter and complete aloneness of that single vast consciousness that was before all else.

Imagine how it would long for something and some way to perceive... anything... even itself. Visualise how this desire could polarise the formless void of limitless potential into the part concentrating and the part concentrated upon. These two pressures intensify and define each other until two forms of one matter are manifest - positive and negative hydrogen ions. Some points within the field - the area concentrated on - become vast generators of the fertile *yoni prana* - positive ions. Nuclear fusion begins in these generators and they burst into the universe as stars.

The vast spaces between the stars - the field that is concentrating on the stars - gives rise to the active *lingam prana* - negative ions. These are sucked into existence on this level by the pull of the vacuum and cold outside the stars. In modern physics, space tells matter where to go and matter tells space how to curve.

The two forms of hydrogen seek each other, and when they find each other they lock into an intense embrace to form the gas hydrogen ( $H_2$ )... unless something holds them apart.

In the stars... and generations of stars... the positive ions, which have no electron shells to keep the nuclei from touching, fuse together to form helium... a *new* element. Further nuclear fusion... using positive ions as the catalyst... brings us the other elements. Early in this process, two very interesting elements, carbon and oxygen, are formed.

These two elements are so formed that the two types of prana (positive and negative ions) can interact with each other, yet still maintain their own individual integrity.

Evolution is the development of portable sets of self-healing, self-motivating, sensory and discriminatory units based on the abilities of carbon and oxygen. This is so that these individual units can define and confirm the reality of self and not-self... the I and the beloved.

Carbon... using the polarity of hydrogen ions, positive and negative, magnetic and electronic, pressure and heat, creates for itself three distinct forms. *Lingam prana* keeps the carbon in long, open, spiralling chains - the alkaline-forming alcohols... an alkaline is an alcohol plus a negative ion. *Yoni prana* holds the carbon onto a fixed grid - to make the acid-forming salts... an acid is a salt plus a positive ion. As the balance between the two gets closer, oils are formed which have *both* characteristics... as well as infinite variations... which it gains by using all the other elements of manifest matter, energy and field.

These three organic essences then find themselves a suitable medium to act through... like water... oxygen plus one of each or two of either of the types of ions. An optimum stable temperature is fixed by the point of evaporation between oils and alcohols that allows the negative ions to create new compounds and the positive ions to create new elements.

This critical threshold, the point of transmutation, is found at two temperatures - either in the hearts of stars or... you guessed it... blood temperature.

At this temperature, if silicon and oxygen, for instance, come together under the influence of negative ions, the compound silicon dioxide is likely to be produced. If on the other hand the catalyst is positive ions, the new element calcium can be formed.

In the first instance the interaction happens in the outer electron shell - the atoms' individual nuclei stay separate. In the second case, the interaction is with the nuclei so that the atomic weights of the two original elements are fused together to form a new element. If you think that's a bit far-fetched, think about how cows, whose diet is low in calcium but high in silicon, make milk... which is high in calcium.

Living beings... like stars... can transmute one element into another. What if this is literally true... on all levels? (Remember that all material existences are permutations of the first two forms of hydrogen.)

Even emotions can sometimes become their opposite. Although emotions are not physical things they are accompanied by the movement of physical hormones. Fear can become excitement, even a kind of strength... given the right stimulus.

### Posture, Breath & Consciousness

If you watch the postural breath pattern of someone angry, you will see them literally 'get their backs up' as the breath draws adrenalin up their spine. This is a natural preparation for aggression... a putting on of shields and a closing off of our soft vulnerable front. If the angry person changes their posture when all their breath is out and breathes up the front of their body... creating a feeling of opening... the emotion changes as well. This is because counterbalancing hormonal catalysts are drawn off the adrenals.



Try it... sit in front of a mirror... think about something that gets you angry... let it build with your in breath... up your back... then as you breathe out, detach the energy from its object... by abstracting it... perhaps see it as yang fire rather than anger at such-and-such... then take a full breath in... opening the front of your body and feel the difference.

With more practice it is possible to gain more complete control.

The substances that form the physiological basis for our emotions are mostly oils. This is why our scent changes with our emotions. When we were babies... before we learnt to talk with words... smells were our whole language. We actually *thought* in smells. Whole levels of our reactions and interactions still happen in that language. The volatile aromatic oils given off by those around us affect our every mood... even our growth patterns.

The entities that we call germs and viruses can't make their own oils - some of them are little more than alcohols while others are really just complex salts. It is our emotional reactions to them that teaches these life-forms their identity and trains their reactions to us. Be careful about calling a micro-organism a disease... you may leave it no choice =

© John Burke 1988

LOOKING THROUGH the

# Ozone Smokescreen

## NASA FIDDLES WHILE EARTH BURNS

In last year's **Montreal Protocol**, 24 nations which produce ozone layer-destroying chlorofluorocarbons (CFCs) agreed to first freeze and then halve production levels by 1999. Now a furore is erupting over huge profits to be made by CFC manufacturers.

"There is no reason in the world why any portion of the industry - especially the companies responsible for damaging the ozone layer to start with - should reap a windfall profit from a phasedown," attorney David Doniger testified at a US Environmental Protection Agency hearing on behalf of wildlife and conservation groups. As CFCs become rarer their price will rise, creating billion-dollar profits for manufacturers.

### New Year's Resolutions

Over the New Year the world's top eleven chemical companies agreed to jointly develop a substitute for dangerous CFCs and the Aerosol Association of Australia is phasing down the use of CFCs faster than the Montreal Protocol suggests and in the mid-1970s, Australia's W.C. Johnson Company phased out use of CFCs. The world has known of this danger to the ozone layer since at least 1974 - in 1978 the US banned CFCs in aerosol cans and last year Du Pont, the world's largest CFC manufacturer, voluntarily began phasing out all production.

Advisors to Ronald Reagan were urging the US not to sign the Protocol, claiming it would be a better idea to encourage people to wear sunglasses, hats and chemical sunscreens than to inhibit CFC production.

### Latest Findings

Findings from the most extensive investigations ever carried out on ozone depletion over Antarctica came just 14 days too late for the Montreal conference to consider them. A few months earlier, the conference had seemed willing to wait for this all-important data.

A 50% percent cut in CFCs won't be enough to save the ozone layer. For every six tonnes of CFCs in the atmosphere, five will still be there at the end of one year. We're putting CFCs into the atmosphere five times faster than natural processes can eliminate them.

If we wish the amounts of CFCs to remain even at current levels, we must cut emissions to equal losses - to about 15% percent of current production. Larger cuts must be imposed to reduce them - and the levels will fall very slowly. If emissions cease today about one-third of the CFC f-11 will still be here in 65 years, and one-third of f-12 in about 120 years. Under the Montreal Protocol the amount of CFCs in the atmosphere will increase even after emissions are cut by half - in 1999!



The Protocol has committed us to an increase in stratospheric chlorine to **THREE TIMES** the present level by the year 2020 - 10 times that present before widespread CFC use - and disastrous for the global ozone layer.

The protocol is a placating, insincere and dangerous public-relations gesture. Production of CFCs and other ozone-destroying compounds must be cut drastically NOW if we are to be free to walk under open skies.

### NASA Disinformation

NASA claimed last year that evidence it collected showing an alarming **GLOBAL** decrease in ozone - not just

seasonal reductions at the poles - was inaccurate due to faulty calibration of a device on their *Nimbus 7* observation satellite, launched in 1978. The instrument, known as an SBUV detector, showed that over 20% of the ozone layer had been eaten away by chemical pollutants in the last decade. Downplaying the findings, NASA - which has a statutory duty to report to US Congress every two years on the state of the upper atmosphere - claimed at last year's Ozone Trends Panel meeting of 40 leading atmospheric scientists that there had been *no* discernable decrease in global levels since 1975.

BUT - the *Nimbus 7* satellite has TWO instruments which provide valuable data on the ozone layer. One is the total ozone mapping spectrometer (TOMS), which provides maps of total global ozone. The *other* is the solar backscattering ultraviolet recorder (SBUV), which provides crude profiles of the ozone layer. NASA knew the true levels all along!

And in January it was reported in *Science* magazine that the ozone layer has been thinning out worldwide - at an average of 1% annually from at least 1979 to 1986 - after independent analysis of US satellite data.

Last summer the ozone layer over mainland Australia was depleted by 1-2% up to the Tropic of Capricorn, before partially reforming in Autumn. Worse still, summer's ozone depletion over Antarctica reached 97% at some altitudes. The layer was less than half as thick there as at the same time of year in the mid-1970s.

Now that the issue is becoming politically dangerous and economically damaging, disinformation is spreading. But remember - the health factors raised by more ultraviolet light reaching into your body are under *your* influence. Your body retrains and recycles its own malformed or cancerous cells all the time. It's your perception of the outcome of UV exposure which will determine it.

But wear a hat next Summer

- R. Ayana

# Forests Update

Loggers operating in rainforests in north Queensland have threatened to shoot at helicopters monitoring their activities in areas proposed for World Heritage listing. The flights were ordered by Federal Minister for the Environment, Senator Graham Richardson, following reports that logging is still being carried out in these areas.

There is also evidence that loggers operating on private land bordering Cape Tribulation National Park took over 100 logs from the National Park during two illegal incursions. The same company was given permission by the Queensland government to continue logging in State Forest near the Bloomfield River despite a request from the Commonwealth to cease work in the area.

The company faced possible fines of between \$500 and \$1,000, while the revenue from the illegally felled logs was expected to be from \$50,000 to \$100,000. The Cape Tribulation Park, home of several rare species of wildlife, is considered one of the most important in Australia, botanically and zoologically.

## Injunction Denied

Chief Justice Mason of the High Court refused to grant injunctions sought by the Queensland Govt. to block Federal plans to seek World Heritage listing for the forests. He cited several reasons, among them the risk that World Heritage values would be damaged if the injunctions were granted, as logging was due to continue in April when the wet season ends - before the outcome of the Commonwealth's application is known.

An important factor in the decision was Queensland's delay in seeking the injunctions. It had known of the Commonwealth's plans in June 1987 but had not commenced legal proceedings until December 23rd.

Queensland argued that the notion of environmental protection embraced the need to protect human beings from loss of employment and consequential economic and social damage. The Commonwealth is considering a compensation package worth up to \$100 million, involving a number of job creation schemes and long term reforestation.

Ravenshoe, where Senator Richardson was physically attacked by protesting loggers, has been singled out for a special program to prevent job losses. The town is almost completely dependent on logging and feared its economy would be destroyed when World Heritage listing forced the mill to close.

Timber reserves held by the State Forestry Dept. would be opened up to keep the mill

operating at current capacity. The programs are not expected to be fully operational until timber stockpiles are exhausted, probably in April. Job creation schemes will include the building of walking tracks in the forests, tourist information centres and road improvements. Longer term projects include major tree plantings and research.

## Old Subsidises Logging

Consultant's reports to Senator Richardson contrast with timber industry claims that 2,000 jobs would be lost and are believed to throw doubts on the value of the industry by suggesting that the people of Queensland are effectively subsidising it.

The consultants are said to have found that the state government received royalties totalling \$1.78 million in 1986-87. Taking into account salaries for 50 government workers, transport and maintenance costs, the State Government is obviously making a loss.

## STOP PRESS

In a new move using the World Heritage Properties Conservation Act, Federal Parliament has invoked laws unused since the Franklin Dam case, immediately making illegal any "killing, cutting down or damaging" of any tree, construction of roads or tracks, or excavation work in the Heritage-nominated area.

A spokesperson said the Federal government is prepared to introduce special legislation in the next session of Parliament to ensure the ban if Queensland makes legal challenges to the logging bans.



## 55 New Mills Plan

A new plan revealed by the Forest and Forest Products Industry Council (FAFPIC) backed by the A.C.T.U., calls for the planting of an additional 523,000 ha. of softwoods and 76,000 ha of hardwoods over the next 43 years - and the establishment of 55 new pulp and timber mills of world-sized standard.

The plan relies on opening up thousands of hectares of what is described as "marginal" farmland from northern NSW through to the NSW south coast, north-eastern Victoria, south-eastern South Australia, and the south-west corner of Western Australia. The council claims the plan would enable Australia to move from the current forest products trade deficit of \$107.4 billion to a trade surplus of \$340 million in the year 2030.

Reforestation is necessary to restore the massive areas of Australia which have been denuded over the past century and any move in this direction are a positive step.

But given the emotive media campaigns FAFPIC is already using to sway public opinion towards logging, the development of 55 further mills would allow the industry to justify immediate and further devastation of our already limited resources for purely economic reasons. It's only as we reach the end of our forest resources that forest industry groups are looking at replanting the forests that provide their livelihood.

The Federal government must examine the forest industry's past record and its attitude to our national heritage before making any decision on the plan. Recent events show that the major motive in the industry's current campaign is to maximise its profits, regardless of the cost to the Australian people and the rest of the world.

- G.N.

# A Paddler

Continuing our interviews with members of alternative parties, NEXUS spoke with Nuclear Disarmament Party Senator Robert Wood in the wood-panelled corridors of Sydney's Black Stump building. The next day Senator Wood was out paddling for peace with protesters on the harbour, challenging the might of the USS Missouri in a small fibreglass kayak...

*What sort of things have you been able to achieve in the Senate?*

Very little. The biggest value of being in the Senate is that the Parliament is very important in the cultural, symbolic life of the country. I don't believe that there's a great deal of power even in government, because the forces which have the most impact on our lives are based overseas - the world economy and the people who have the influence on the world economy which affects us. There's very little that we in Australia, in Government, can do. The most we can do is minimise the damage caused by external economic forces.

Even the internal economic forces are basically external people like Alan Bond and Holmes a Court, the Fairfaxes, Peter Abeles. They're all Australian, but they're multinational and their loyalty is to the world economic order. They're not going to lose money through patriotism.

So I don't think that the Government in Canberra is terribly powerful. There's not a lot of power in the Senate and one Senator can't influence a great deal. But when a Senator who's been elected on a disarmament platform goes around the country speaking at public forums, it gives credibility to the movement. You can raise issues and raise consciousness. With Jo Vallentine and me in the Senate, it's very rare that any nuclear issue will go past without some debate.

*Do you think that now the START treaty is underway there'll be a drop-off in public interest in nuclear issues?*

I don't think so, because the strength of people's fear of nuclear weapons goes pretty deep and I don't think anything's happened yet to give them any confidence. The strength of our vote came

from right across the political spectrum. 17% of Liberal voters who voted 1 to 50 voted for nuclear disarmament. So they voted 1 Liberal, 2 or 3 Nuclear Disarmament and that's pretty remarkable. The way we interpret it is that people have their views about the party they want to govern the country, but they also have a very strong concern about nuclear weapons and disarmament, so that once they've done their duty and voted for their party they vote for us.

It's less fashionable to be active in the peace movement these days, but I don't think people in the electorate are less concerned now about nuclear weapons than they were in '84.

But it's a bit of a worry what they're doing in New South Wales. They're really working against the minor parties.

*How so?*

They adjust the rules. They're introducing the rule that you can't produce a How-To-Vote card unless you're a registered political party, so that if the Wilderness Society wanted to put out a "how to vote for the forests" leaflet, it couldn't.

**Peace and justice are inseparable. You can't have one without the other.**

There's a proposal for a referendum to introduce a system whereby the party that gets the highest vote in the Upper House actually appoints the last five seats there - which means you totally wipe out smaller parties and you end up with a two-party system in the Upper House, making it irrelevant. You may as well abolish it in New South Wales, as they have in Queensland.

Unless we succeed in getting Independents into the Upper House this time around you may as well wave it goodbye.

*What can Australian people do for nuclear disarmament aside from voting?*

They've got to talk about it among their friends; I see that as the only way that things change. I don't believe you can change things from the top. I know people who worked in the Labor Party for the last 15 years. They had good policy on women, on Blacks, on the environment, on disarmament, on the bases - and the god of pragmatism rears its ugly head and Hayden gets ditched for Hawke - the ultimate pragmatist - and Hawke ditches party policy whenever it's convenient.

I never trusted Bob Hawke. I always saw him as the Pentagon's man. They identified him years ago as a potential Prime Minister and friend of the United States. They think ahead.

*Do you think it is a wise move to close the foreign bases in Australia?*

Oh, it's a very wise move, but it has to be with the force of public opinion. We have to educate the electorate.

If you look at New Zealand's example, the Lange Government is even more conservative than the Hawke Government. It's economic policies are even further to the Right, but it's maintained its anti-warships stance and every other political party in New Zealand has adopted a nuclear-free policy.

Now why has such a Right-wing government and the Right-wing National Party in New Zealand maintained this stand? Because the electorate wants it and they've got no choice. They're politicians, they stick their wet fingers in the air, work out which way the wind's blowing and that's how they set their policy. And I think that's instructive here.

I just sound a word of warning to the environmental movement, which thinks

# for Peace

that it has won over the Labor Party - if it wanes in its struggle to keep the environment high on people's list of priorities, then it will no longer be a vote winner and the Labor Party will just abandon the environment the way it has everything else - it won't show in the public opinion polls and won't rate highly on any party's policy agenda. That's why as a Nuclear Disarmament Senator I'm not so much concerned with building a party as with building a movement.

## *Is the NDP a single issue party?*

In my first speech in Parliament I showed why we continue to focus on nuclear disarmament. In summary, the existence of nuclear weapons and their deployment depends on vast concentrations of power and wealth. You've got to have concentrations of wealth to be able to afford them and you've got to have concentrations of power to deploy them and have the global strategies to make it work.

That leads to increasing militarism and political oppression around the world and if you look at places like Palau, Fiji, Nicaragua, Eritrea, wherever there are people struggling for sovereignty it's against superpower strategic interests.

The economic exploitation of people and the environment is to maintain those concentrations of wealth, and so poverty in the Third World is generated and maintained by the diversion of resources into this vast global nuclear military system.

In my first speech I used the logjam analogy; in countries where the loggers transport timber by river they regularly have logjams. And the way they loosen logjams is not by painstakingly taking one off at a time, but by finding the key log. You release the key log to release the jam. That's the way I see disarmament. I see it as being the key issue - unless you resolve it, you'll be struggling to save the Amazon Basin - there's one log; you're struggling to save Nicaragua - there's another log. You've got to get rid of nuclear weapons and everything that



Photo - R. Ayana

goes with them before you can make long-term substantial gains on all those other issues. Then the focus of people's actions who are concerned about justice will move to other areas.

The Aboriginal issue is a good example of the interlinking between peace and justice issues, because peace and justice are inseparable. You can't have one without the other. And if those of us concerned about peace don't confront the major justice issue in this country, then all this stuff about peace and disarmament is just hollow rhetoric. We have to take a stand. I reckon you've got to have principles and I don't want to go down that wet-fingered pragmatic road. If we lose support this year because of our principled stand on Aboriginal sovereignty, well so be it. It just means you've got a bit further to go in educating the electorate.

I think back to the Vietnam era; I was a draft resister in those days, I went to prison in 1972 because I wouldn't fight in Vietnam, and the whole resistance to the war started off as a left looney traitorous communist pinko minority. People who saw what was happening kept making the statement that it was unjust, that we shouldn't be sending troops there - and people started to see their sons come back in coffins and the truth started to come out and people changed.

## *Do you think young people are more conservative today?*

Yes, because they're under greater supervision and constant criticism. The civil rights abuses that are being perpetrated on young people at the moment are horrendous. You're allowed to imprison young people for things and in ways in which the adult wouldn't and couldn't be. That's holding young people back in their activities.

There are a number of pressures on this generation to make them feel inadequate and powerless, and so only a brave few can overcome all of that pressure and do something about it.

And those who do come along to meetings of the peace movement find that they're either deathly boring or that they're not terribly peaceful and they can't cope with the sort of rough-and-tumble politics that occurs in the peace movement and so they stay away.

Now I'm a founding member of Paddlers for Peace, and we're hoping to have upwards of forty kayaks on the water tomorrow (for the arrival of the *USS Missouri* and other nuclear-armed vessels). Every month we have a training day at Blackwattle Bay where people come to learn safety techniques, play games with power boats to not be afraid of rough water, paddle under [Cont'd Over]

## Views

container ships to get a feeling of what it's like to be confronted by a big ship on the harbour.

If anything needs to be decided we do it over the picnic lunch. We've got a fairly large youth involvement, because paddling's fun. And even if you aren't a real daredevil getting in front of the bow, just being on the water saying, "No, we don't want these weapons here" gives you the feeling that you're confronting the issue and making a statement.

Our oldest person is about 80. She actually went in her wild water marathon on the Nymboida, running the rapids. Our youngest is 6.

*Do you think that the Labor Party is afraid of raising the Bases issue in the light of what happened to Gough Whitlam's government?*

Yes. This is probably the hardest question of all to answer. The thing we should be afraid of most is not nuclear war in the Australian context but the loss of civil liberties because at this juncture, if this government were to attempt to close the bases the United States would ensure that this government was removed before the bases. That's a hard political fact of life that, sooner or later, the population's going to have to learn.

This is where the whole notion of sovereignty becomes important. We should be concentrating on the bases issue, not so much in terms of what the bases mean in making us a nuclear target, but making us a *political* target. It means that we *aren't* a sovereign nation because we're basically at the behest of the United States government, with this government's co-operation.

I don't think this government is a puppet - it's easy to talk about the CIA and the Pentagon pulling strings here and in Canberra. The case is that Canberra and Washington are marching in step and the danger will be when Australia wants to *not* march in step. It suits Australia's economic and political interests to dominate the South Pacific.

If Australia was to go in a significantly different direction there's no doubt in my mind that we'd be very smartly dragged back into line - and ruthlessly if necessary. So the real task is to develop a notion of Australian sover-

eignty and in that light the Armed Neutrality Organisation has just been formed; much as I disagree with many of its proposals it's at least a step in the right direction. It's proposing a non-nuclear defence and a neutral foreign policy stance, and they're two significant steps forward.

Economic independence is important as well, and the biggest change that this government has made is to relax regulations on financial markets so that we are *less* defended from overseas economic effects. We don't have any economic weapons to use against the United States, so the way in which we have to move is towards economic and political independence slowly and gradually so that the removal of the bases will be the end point, rather than the beginning.

*When the Hawke government first raised the bases as a bargaining chip against US wheat and sugar subsidies, the Australian dollar fell heavily within 24 hours; they talked about it again a few weeks later and the dollar fell again. Do you think it's in Australia's economic interests not to mention the bases?*

I don't think we should use the bases as a bargaining chip. I think we just shouldn't have them. We're probably better off not selling or bartering anything for the bases, because then we're committed to keeping them. It's almost better if we just get a 'peppercorn rental' for them so that we've got nothing to lose when we finally get rid of them.

The program for this government should be to educate the population about how dependent we are, the sorts of threats there are and prepare the Australian population for the economic and political reprisals occurring in the event of an independent foreign policy. So it's long-term.

Going back to 1985 and the NDP split, one of the reasons which convinces me about machination and interference in the NDP is because people in France and the United States and Canberra would have been more aware than the peace movement itself about the consequences of a mass movement to get rid of the bases and create an anti-nuclear and independent Australia.



Photo - R. Ayana

You see, I think even Peter Garrett and others around him weren't aware of the sort of mass movement there was. I think they weren't aware that the NDP was riding the crest of a wave of anti-nuclear feeling and I think that some people in the party at that time saw a cause-effect relationship between the formation of the NDP and the crest of feeling on disarmament - and saw it the wrong way. They didn't realise that the NDP was so successful, not because they were a good party but because they were in the right place at the right time.

*According to the United Nations there are very few Democracies in the world today by a very simple measure; any nation that's given the vote to all its adult citizens for one generation - twenty-five years - is a Democracy. Australia doesn't qualify because we didn't give the vote to Aborigines until 1967 - America doesn't qualify yet because it only gave southern Negroes the vote in the '60s. The only three democracies in the world are, it seems, Britain, Norway and Sweden.*

Love it. There you go. If you can find me your source for that, I'll use it in the Senate

-R. Ayana & L. McGiffen

# France Irradiates Tahiti

Dozens of Tahitians - including doctors and priests - have come forward with claims of increased birth defects, miscarriages and cancer in young people.

Tahitian witnesses allege French coverups of leaks, radioactive fires, chemical contamination, deaths and illegal dumping of wastes on Mururoa Atoll. Corpses of contaminated workers have been encased in concrete for disposal.

A recent British-New Zealand documentary, *Tahiti Witness* - made by a team who posed as tourists shooting home videos after being refused permission to film by French authorities - has allowed Tahitians to get their message through French media censorship.

When the South Pacific Commission set

up a South Pacific cancer registry, France refused to allow Tahiti to participate. Since then France has consistently manipulated medical statistics from the region.

The limited figures available show a rise in cancers in the region. In 1986 there were 225 patients; 261 in 1985. French Polynesian cases between 1977 and 1981 varied between 58 and 85 a year. This compares with an average of 40 cases a year between 1955 and 1965 when the tests began, a rise of at least 50%. France claims this is due to better medical care making people live longer and that more cancers are detected.

The French Ambassador to New Zealand, Mssr Jean Gory, said, "Compared to World Health Organization statistics on cancer, the rate of deaths in French Polynesia due to malignant tumours is four times less than that of metropolitan France" (which should con-



cern the residents of Paris!)

Some seriously ill Tahitians are carried to Paris twice a week on UTA flights, others to Australia and New Zealand.

French atmospheric tests began in 1966 and were abandoned in 1975 after intense international lobbying. Despite regional objections, France exploded three underground nuclear bombs at Mururoa Atoll last November, including a 50 kiloton device - the biggest so far ~

## FROZEN CRUISES

An unknown number of nuclear-armed, air-launched Cruise missiles could fail in the sub-zero temperatures they routinely encounter over the Arctic.

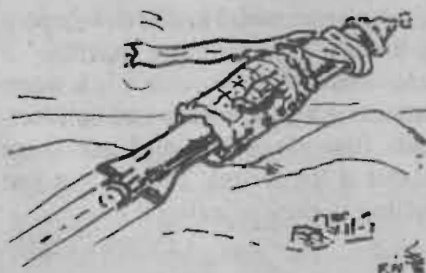
Congressional investigators believe that cold weather could prevent some of the 1,715 Cruise missiles, a mainstay of the US strategic arsenal, from striking their targets.

Last October the Oklahoma-based program's systems manager ordered low-temperature tests of every Cruise missile undergoing routine maintenance this year. The General Accounting Office said in a detailed report in late December that a substantial portion of the Cruise missiles failed in "very cold" temperatures.

USAF officials believe that Northrop Corporation failed to properly test the crucial flight data transmitters which ensure stable, high-speed flight.

The FBI and the Justice Department's Fraud Section recently impounded a \$US1.5 million cruise missile as evidence for legal proceedings and Northrop dismissed four of the employees involved.

- Washington Post



## REINCARNATED MISSILES

Moscow will destroy its missiles by blowing them up with TNT once the Intermediate-range Nuclear Forces treaty takes effect, says senior Soviet arms control official Viktor Karpov.

The pact, finalized in Geneva in November, eliminates all superpower nuclear missiles with a range of 500 to 5,000 km over the next three years - the dawn of a new order of peace?

However, the warheads will not be destroyed - just the missiles themselves. Under START treaty agreements, the warheads will be "recycled" into other nuclear weapons.

## Bases Loaded

A number of NATO partners are causing the US difficulty in foreign base negotiations. Talks in Greece on the future of the bases there have been extended due to problems. The Spanish government says it will end its 35-year-old bilateral military treaty with the US.

Spain has been seeking an end to the deployment of US nuclear-capable aircraft on its territory and to the massive foreign naval presence which includes the NATO naval infrastructure for southern Europe.

Meanwhile, Philippine base agreements come up for review in 1991. Section 8 of their new constitution adopts a policy of freedom from nuclear weapons on their territory. If the US bases continue, a mechanism to verify the presence of nuclear weapons will have to be set up. The US policy to neither confirm nor deny their presence may set the Philippines on a similar course to New Zealand's.

## MING THINKS BIG

Recently released documents show that in 1957 Australia was secretly negotiating to buy nuclear weapons for possible use in Vietnam.

The papers show that the Menzies government, alarmed at the spread of Communism in Malaysia, was laying the groundwork for involvement in the Vietnam war. At the time, Australia couldn't afford to establish its own nuclear weapons industry.

But a recent list issued to computer salesmen by the US Commerce Department shows that Australia has five nuclear sites where weapons are, or could be, manufactured. The list covers companies or installations which design nuclear weapons, use weapons grade plutonium or uranium or make heavy water.

## OZ NUCLEAR DUMPS

New Zealand authorities are considering a nuclear dump site in the Australian desert because their new anti-nuclear legislation - dealing with port visits of nuclear-capable ships and weaponry - will also stop the dumping of nuclear wastes at sea.

According to Dr Andrew McEwan, director of the NZ National Radiation Laboratory, a suitable land site will be needed in about five years for the disposal of nuclear waste from hospitals and industry. The most hazardous waste is radioactive radium which has a half-life of 1,620 years.

# Solar Energy - Real Power

**W**hen you hear of remote area power systems in the media or in government brochures, solar electric power is portrayed as a less attractive option despite many recent advances. This recommendation against solar electric power is based on an extravagant and wasteful lifestyle.

We often take for granted that the whole house ought to be lit by standard 240 volt lights with power-points throughout. This dictates a substantial battery bank powering an appropriately sized inverter (producing high voltage AC from low voltage DC) to cope with constant demand.

## Transformers Unnecessary

Many electronic gadgets in your home depend on getting their power through a transformer which steps down high voltage AC to a low voltage AC. In most cases the power would be as well supplied by a low voltage DC power supply (without needing the transformer) and could easily be supplied by a battery bank.

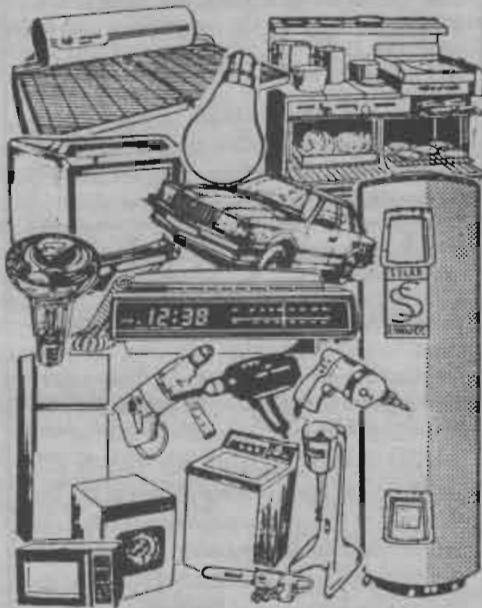
Both the inverter and the transformer are considerably less than 100% efficient, and powering one with the other just compounds the inefficiency. You can run many low voltage gadgets direct from a battery bank. Where you do need higher voltage, such as is required by a TV tube or electric fence, you need a specialised inverter to supply that voltage.

Australia still has vast areas that are remote from any power grid. It is unfortunate that the government has recently put the 12 volt TV into a higher taxation bracket, because it is regarded as more of a luxury item than its 240 volt counterpart - but the recent RAPAS grants [see last issue] are a promising step..

What about such labour saving appliances as: food mixers and processors; laundry machines; workshop tools; sewing machines and vacuum cleaners? These could be run just as well, if not better, if they were sup-

plied with an appropriate low voltage DC motor.

In a car everything from cranking the engine to running the air-conditioning unit is done quite adequately with low voltage DC. In fact it is generally recognised that low voltage DC motors have more torque than a 240 volt motor of the same wattage rating. Why then are 12 volt vacuum cleaners so weak and gutless? Because they have been designed to be cheap and not to use too much power in order to make the battery last longer. The same job could have been done in minutes using more power but over a shorter time.



With appliances that are designed to generate heat, such as stoves and hot water systems, one could look at alternative ways of generating that heat: bottled gas, firewood, sunshine, biogas - or producing the heat electrically if the electricity can be generated cheaply enough.

## New Light Technology

Lights on the other hand present a much brighter picture. Quartz-Halogen Bulbs are now designed to operate on a low voltage system more efficiently than on a high voltage one. Spending a little extra on more efficient lighting can help you save in the overall size of the solar array. You gain the extra benefit of having a superior quality of light (a spectrum similar to daylight).

In the average 240 volt household there is no attention paid to how much power an appliance uses. With refrigerators, for example, the emphasis seems to be on space saving rather than efficiency, hence they have thinner walls but need more power to stay cool. Ideally, the refrigerator should be of the low voltage compressor motor type and preferably top opening.

Another argument in favour of low voltage is the safety aspect. DC is safer than AC. Anything less than 120 volts DC is not considered lethal, whereas with AC you need to come as low as 32 volts! There is still a fire hazard, however with low voltage DC so you must protect the system with the appropriate fuses and/or circuit breakers.

## Tunable Turntable

The Rainbow Power Company of Nimbin, incorporated as a company in July 1987, has developed several low voltage DC kitchen appliances and specialises in high efficiency low voltage lighting. It will soon be marketing a modular hi-fi system (including turntable) and is developing a low voltage washing machine. If you want some advice on a more sustainable alternative and comfortable lifestyle, come and ask them about it (or write). They're not just selling it, they're living it =

- Peter Pedals

# Pesticide Suicide

It's ironic that recent threats to Australia's beef export industry due to pesticide contamination should come from the U.S. market. Australia is still being used as a dumping ground for chemicals produced by U.S. companies whose products are no longer in use in their home country. The chemicals chlordane and heptachlor - believed to cause cancer - have been voluntarily withdrawn by the manufacturer, Velsicol, from the U.S. market but are still used in Australia. DDT, which was banned in the U.S. in 1972 for health and environmental reasons is still widely used in Australian orchards but banned for other agricultural use.

Federal and State Government Departments have remained largely inactive despite reports dating back to the 1970s of definite health risks when low levels of chemicals are consumed in food. Toxic waste storage and disposal present major problems in this country.

## Growing Stockpiles

The huge "milk-run" organised by the N.S.W. Department of Agriculture, with farmers asked to leave banned chemicals at the farm gate for collection, is only adding to huge quantities of toxic wastes already in storage. In 1985 there were an estimated 7,400 tonnes of organochlorine wastes stored in N.S.W., 186 tonnes in Victoria and 114 tonnes in Queensland. Each year 700 tonnes are generated in N.S.W. and 128 tonnes in Queensland.

The Confederation of Australian Industry, Australian Environmental Council and a House of Representatives inquiry into toxic wastes have agreed that a high-temperature incinerator is needed. Many of these toxic wastes, like polychlorinated biphenyls, chlorinated hydrocarbons and dioxin can only be safely destroyed at temperatures over 1,200 degrees centigrade. Continued lack of action increases the danger of spills and contamination by rising stockpiles of waste, much of which is stored in Sydney.

On the home front the dangers still persist. Most pesticides are nerve poisons and many effect reptiles, birds and animals, including humans. Persistent organochlorines should never be used in home gardens. Check the label.

Dichlorvos, the active ingredient in some household surface sprays and pest strips, has been shown to be a 'cancer causing agent' by the latest U.S. National Cancer Institute study. N,N-Diethyl Toluamide (DEET), found in many personal insect repellants, has been

classified as potentially dangerous by the National Health and Medical Research Council and will have a warning printed on the label. This follows the recent deaths in the U.S. of three girls who died of brain seizures after being exposed to massive levels of insecticides which contain DEET.

## Alternatives

The good news is that alternative control measures are available for household and garden pests. The less-toxic synthetic pyrethrinoids are a viable choice - but the safest bets are the ones you don't spray at all. Keep lavender bags and soap in cupboards - cockroaches can't stand them. Keep your house clean - don't feed the little buggers. Plant mint, wormwood or pennyroyal in the garden or in hanging baskets near entrances and flies and mosquitoes will steer clear.



In the garden, mineral oils may be used to control mites, scale, aphids and mealy bugs, especially on fruit trees. The oils are not persistent, virtually non-toxic and have a withholding time (prior to harvesting) of one day. Pyrethrin, rotenone (derris dust) and garlic control most insects.

## Organic Farming

Home gardeners are not the only ones turning to chemical-free agriculture. Skeptical neighbours have been taking more notice of what's

happening on Gordon Jarrott's 400-hectare property near Bribbaree, in central-western NSW. Mr Jarrott is a chemical-free farmer. Not a pesticide, herbicide or artificial fertiliser has been used on the property since 1971. He believes problems such as pesticides in beef and the spread of chemical-resistant weeds and insects will force farmers to adopt organic farming.

Australian cotton producers could be wasting \$30 million a year trying to control the crop's most important pest, heliothis, according to a Queensland Department of Primary Industries entomologist, Mr Brad Scholz. The Department has turned its back on chemicals and started investigating alternative means to control the pest, which also attacks maize, tomatoes and chickpeas. Research on a family of native wasps called *Trichogramma* to try to isolate the most effective member is near completion and field trials should be finalised within three years. The wasps would work alone or with a reduced chemicals program to control the heliothis.

## Wide Scale Application?

Is wide-scale chemical-free agriculture viable? A recent US study found chemical-free agriculture could feed the country but would not sustain current export levels. This may be only in the short term. Preliminary comparative research between the two farming systems by Ms Els Wynen, a Bureau of Agriculture Economics researcher has found a \$24-a-hectare advantage in favour of the organic farms surveyed. On average the eight sustainable farms yielded 2.8% on capital and earned \$15,659 for every labour year worked, compared with 0.4% and \$6,408 for conventional properties.

But the Director of the Agricultural and Veterinary Chemicals Association, Mr Allan Morley, claims an all-organic nation would starve. "With the judicious use of chemicals an individual farmer can feed up to 80 people a year. The organic farmer would come nowhere near that, given the fall in yields."

One wonders if Mr Morley is aware of overseas studies contradicting the pro-chemical lobby's viewpoint - and the rapid increase over the past two years in the number of conventional farmers interested in organic methods. We may yet be thankful to the U.S. for alerting Australians to the dangers of this array of deadly chemicals.

G. Nimm

See 'Plant Pests' on page 42

# AROMATHERAPY PART II

Last issue we talked about the 'how' and 'why' of Aromatherapy. This time we'll look at the actual uses of aromatic substances.

There are several ways in which they can be used:

## EXTERNALLY

Massage, bath and body oils, inhalants, creams, lotions for healing and cosmetic purposes - infusions for hand and foot baths.

## INTERNALLY

Encapsulated oils, e.g. tea tree and garlic oils, drops in 'essence' form, tisanes and infusions to be taken as teas.

Essential oils are generally quite safe when used externally, and this method of use is probably best for the layperson. However, there are a couple of precautions to observe even when using aromatics in this way. These are:

CONTRAINDICATIONS (don't use) for pregnant women;  
pennyroyal, cedarwood and camphor

CONTRAINDICATIONS for nursing mothers;  
garlic and sage

CONTRAINDICATIONS for those prone to epilepsy;  
rosemary, sage, hysop, fennel and wormwood

CAUTION when giving external applications to people who may be sensitive or allergic to certain aromatic substances. If you know a person is prone to skin allergies or reacts in some way to cosmetics, do a skin patch test on the inner forearm with some of the intended preparation and leave covered with a band-aid for 24-48 hours before proceeding.

ALWAYS ask people if they have any skin sensitivities just to be on the safe side. As a general precaution I recommend that full strength essential oils are never used undiluted.

When making up a prescription for a massage, bath or body oil, I always use a base of one or more of the following oils: sweet almond, olive, apricot, wheatgerm, sesame, coconut or linseed. These oils should be cold pressed so that the nutrient values in the oils are retained and so the patient doesn't absorb rancid (and free radical or carcinogenic) substances into their bloodstream.

5-10% wheatgerm oil to the base oils, is an insurance against oxidation. The vitamin E content of wheatgerm oil helps to slow down oxidation of the oil base. It's best to keep all your oils in amber or coloured glass bottles. This further prevents the effects of sunlight, which causes oxidation. Plastics also cause oils to break down more rapidly.

When handling oils remember to maintain strict hygiene, clean hands, clean utensils and a clean work space - preferably a room which is dust free and which does not have too much human traffic. This room should be a space set aside for your work with oils, cool and dry, where they can also be stored.

Massage, bath and body oils can be used for similar purposes, i.e. one mix can be used for either. No-one can dispute the amazingly beneficial effects of massage - what a bliss it is! But add to it an oil blend specifically for the person being massaged and you have a winning combination.

The beneficial effects of the oils will not only be absorbed through the skin into the bloodstream, but the fragrance of the oils will also do their work on the mind and emotions. Many people may not be aware that oils also form an 'etheric' bridge for healing energies to be transmitted to the patient, enhancing the healing process of the massage.

A typical recipe for a bath, massage or body oil would be:  
10% Wheatgerm oil (unless the person has a wheat allergy) 50% Sweet Almond oil

If the person has a particularly oily skin add 40% Avocado oil  
If a person has a dry skin then add 40% Sesame or Coconut oil

To this base add:

5% Lavender oil, 5% Neroli oil 2% Bergamot oil

This oil mix would be most suitable for someone suffering from stress, nervous tension and depression.

## Inhalants

As inhalants, oils are generally used for their localised action and steam on the tubes of the respiratory system. In this case only full strength undiluted oils can be used - but only a few drops of each. Here are some examples:

SINUSITIS: 2 drops each of Niaouli, Pine, Aniseed and Eucalyptus oils

BRONCHITIS: 3 drops each of Eucalyptus, Peppermint, Thyme and Benzoin.

The inhalation method can also be used for the effect oils have on the subconscious mind of the patient. For example, a cotton swab containing a couple of drops of each of the following can be wafted under the nose of the patient;

SHOCK: camphor, melissa and neroli.

ANXIETY ATTACKS: bergamot, camomille, cypress, rose and sandalwood.

Fragrant oils can be worn as perfumes or anti-perspirants, having both an aesthetic and practical value. For example, Frankincense and Rose may be combined and worn to strengthen the balancing influence of the sun and to help establish harmony and balance in the emotions. Jasmine and Lemon oils are of great help for those wishing to develop 'psychic' abilities and can be worn to aid the moon's influence.

## Aphrodisiacs & Healing Lotions

Neroli oil is known to be great in attracting the male of the species. I have personally found a blend of sandalwood, rose, honeysuckle and patchouli to have some interesting effects! Creams and lotions are very easy to prepare. An example of an effective healing cream is as follows:

2 mls Lavender oil

2 mls Eucalyptus oil

5 mls Calendula oil

5 mls St John's Wort oil

all in an absorbent cream base of about 50 gms. Applied to burns, cuts and wounds, it is strongly antiseptic and encourages wound healing, leaving little or no scarring. Similarly, essential oils with cosmetic uses can be blended into a cream base and then used as moisturisers and cleansers.



Foot and hand baths are simple, fast, effective, safe and sure methods of treatment which also utilise the benefits of hydrotherapy. The dried herb Balm or Melissa (*Melissa officinalis*) or the essential oil of that plant can be employed as a treatment for migraine using a hand and foot bath.

Take a handful of the herb (fresh if possible) or 10 drops of the neat (undiluted) essential oil. Cover with boiling water in the case of the herbs and allow to steep until cool enough to immerse hands and feet. In the case of oils use warm water. The patient places hands and feet in two separate dishes containing the herb water, and cold compresses are placed on the back of the neck. This should be done for no longer than 10 minutes and repeated night and morning until symptoms go.

### Internal Use

The internal use of essential oils needs to be approached with more caution. Most people are familiar with the use of oils in capsule form, like Tea Tree oil for the treatment of *Candida* and other fungal problems; and Garlic, nature's antibiotic, for its use in the treatment of all respiratory, urinary and digestive tract infections and infestations.

The use of 'essences' as a form of internal medication is not so widely practised or known. An 'essence' is in fact a 1:10 dilution of the essential oil, i.e. 10 drops of oil to 100 mls of the base, which is often Brandy or some other spirit. Not all essential oils can be taken internally, however, so unless some formal study of this form of medication is undertaken, or you are absolutely sure of the essential oil, it's best to leave this form of treatment to trained professionals.

Essential oils are extremely potent and volatile substances and some are downright irritating to the organs. They are excreted from the body via respiration, the urinary system and sweat glands and their antiseptic action is most pronounced at this level, although they have physiological effects like stimulating white blood cell production.

Juniper and Pennyroyal oils can be very irritating to the kidneys, and even cause inflammation of these organs, so handle with care and if unsure, don't use the oil internally.

Herb teas which contain aromatic substances are probably the safest form of internal medication. Common teas with a significant essential oil content are: peppermint, spearmint, camomille, melissa, juniper, fennel, aniseed, buchu, thyme, sage, rosemary, rose, southernwood, wormwood, lime blossom, lavender, lemon and orange blossom to name a few.

Below is a list of common essential oils and their uses.

**ANISEED:** For nervous dyspepsia and flatulence, migraine, vertigo, colic in babies, asthma, bronchial problems, sinusitis.

**BERGAMOT:** Stimulates appetite, good for colic due to intestinal infection, indigestion, intestinal parasites.

**CARNATION:** With Rose, helps prevent and heal stretch marks. Gives elasticity to the skin.

**CAJEPUT:** Gastric spasm, dysentery, dysmenorrhea, asthma and bronchial problems.

**CHAMOMILE:** For headache and migraine, colic in babies, insomnia, nervous depression, menstrual problems in women, calming and soothing to the nervous system.

**CLOVE:** For lung infections, toothache, repels mosquitos and moths, very antiseptic, for digestive complaints.

**CYPRESS:** For haemorrhoids, varicose veins, rheumatism, influenza, whooping cough, ovarian and menopausal problems. Also for fluid retention and 'cellulite'.

**EUCALYPTUS:** Very antiseptic, kills bacteria and parasites, an insect repellent and soothing to coughs and colds. Dissolves mucus, great for upper respiratory catarrh. Also treats diabetes and urinary tract infections.

**GARLIC:** Nature's antibiotic! For all infections anywhere in the body, both as a preventative and as a curative agent. Also good for high blood pressure and lowering cholesterol levels.

**GERANIUM:** For urinary stones, uterine haemorrhage, diabetes, to soothe tonsillitis.

**GINGER:** To stimulate appetite, for digestive upsets, for sore throat and tonsillitis.

**HYSSOP:** For asthma, hayfever, chronic bronchitis, cough and 'flu' - eases bronchial spasms and lowers temperature.

**JUNIPER:** Urinary tract antiseptic, for sluggish digestion.

**CONTRA-INDICATED (don't use) in ACUTE INFLAMMATORY CONDITIONS.**

**LAVENDER:** For insomnia, nervousness, depression, migraine, vertigo, hysteria and nervous crisis, intestinal spasms. Externally, the best treatment for burns and wounds, insect bites, etc.

**LEMON:** Cleanses the liver, very strongly antiseptic, for rheumatism, gout, arteriosclerosis (breaks down fats), a tonic to the veins and arteries, promotes healthy skin.

Aromatherapy is yet another gift of healing from our Mother Earth - use it wisely and enjoy it =

by Susan O'Neill



# NEXUS NUTRIENTS

VITAMIN	IMPORTANCE	DEFICIENCY SYMPTOMS	RDA	TOXICITY
<b>Vitamin A</b> (Carotene)	Growth & repair of body tissues, eye health, infection fighter	Night blindness, scaly skin, frequent fatigue, loss of smell & appetite	5,000 I.U.	50,000+ may be toxic if no deficiency
<b>Vitamin B<sup>1</sup></b> (Thiamine)	Carbohydrate metabolism, nervous system, growth & muscle tone, appetite	Gastrointestinal problems, fatigue, appetite loss, nerve & heart disorders	1.4 mg men 1 mg women .5mg per 1,000 calories eaten	no known oral toxicity
<b>Vitamin B<sup>2</sup></b> (Riboflavin)	Carbohydrate, fat & protein metabolism. Aids red blood cells & antibodies. Cell respiration	Eye problems, mouth sores & cracks, dermatitis, retarded growth, digestion disturbances	1.6 mg adults, .55 mg per 1,000 cal.	no known oral toxicity
<b>Vitamin B<sup>6</sup></b> (Pyridoxine)	Carbohydrate, fat & protein metabolism. Antibody formation. Sodium & phosphorous levels	Anaemia, mouth disorders, nervousness, muscular weakness, dermatitis, sensitivity to insulin	1.8 mg men 1.5 mg women, .2 mg per 100 mg of protein	no known oral toxicity
<b>Vitamin B<sup>12</sup></b> (Cyanocobalamin)	Blood cell formation, protein, carbohydrate, fat metabolism	Pernicious anaemia, brain damage, nervousness, neuritis	3 mcg adults	no known oral toxicity.
<b>Vitamin B<sup>13</sup></b> (Orotic acid)	Needed for metabolism of some B vitamins	Degenerative disorders		no known toxicity
<b>Biotin</b>	Carbohydrate, fat & protein metabolism	Dermatitis, greyish skin, depression, muscle pain, impairment of fat metabolism, poor appetite	150 to 300 micrograms	no known oral toxicity
<b>Choline</b>	Important in normal nerve transmission, metabolises & transports fats. Regulates gall bladder, liver	Fatty liver, haemorrhaging kidneys, high blood pressure	Average diet provides 500 to 900 mg per day	no known oral toxicity
<b>Folic Acid</b> (Folacin)	Important in red blood cell formation. Aids protein metabolism. Needed for growth and division of body cells	Poor growth, gastrointestinal disorders, anaemia, B-12 deficiency	400 mcg adults	no toxic effects



# & VITAMINS CHART



VITAMIN	IMPORTANCE	DEFICIENCY SYMPTOMS	RDA	TOXICITY
<b>Inositol</b>	Necessary for lecithin formation, vital for hair growth	Constipation, eczema, hair loss, high blood cholesterol		no known toxicity
<b>Niacin (Nicotinic Acid, Nicotinamide)</b>	Carbohydrate, fat & protein metabolism. Skin, tongue & digestion	Dermatitis, nervous disorders	1.8 mg men 1.3 mg women 6.6 mg per 1,000 cal.	100-300 mg Nicotinic Acid orally or 30 mg Intravenously may produce side effects
<b>PABA</b>	Aids bacteria produce Folic Acid, red blood cell production. Good sunscreen	Fatigue, irritability, depression, nervousness, constipation, headaches, digestive disorders, greying hair		Continued high ingestion may be toxic
<b>Pantothenic Acid</b>	Aids formation of some fats & some vitamin utilization	Vomiting, restlessness, stomach stress, increased susceptibility to infection, insulin sensitivity	.5 to 10 mg, adults or children	10,000 to 20,000 mg as a calcium salt may have side effects
<b>Vitamin C</b>	Maintains collagen, helps heal wounds, scar tissue & breaks. Strengthens blood vessels. Aids in iron absorption	Bleeding gums, swollen or painful joints, slow healing wounds and fractures, bruising, nosebleeds, impaired digestion	45 mg adults	5,000 to 15,000 mg daily over a prolonged period may have side effects in some people
<b>Vitamin D</b>	Improves absorption of calcium & phosphorus. Maintains heart action & nervous system	Poor bone & tooth formation, softening of bones & teeth, inadequate absorption of calcium, retention of phosphorus in kidneys	400 I.U. adults	25,000 I.U. may be toxic over extended periods
<b>Vitamin E</b>	Protects fat-soluble proteins & red blood cells, essential in cell respiration, inhibits coagulation	Rupture of red blood cells, muscular wasting, abnormal fat deposits in muscles	15 I.U. men 12 I.U. women	4,000 to 30,000 I.U. of tocopherol for prolonged periods can produce side effects
<b>Vitamin F</b>	Important for respiration of vital organs. Maintains resilience & lubrication of cells. Regulates blood coagulation. Essential for normal glandular activity	Brittle, lustreless hair & nails, dandruff, diarrhea, varicose veins	10% of total calories. Men need 5 times more than women	Intake should not exceed what is needed to maintain desirable weight

I.U. = International Units  
Mg = Milligrams  
Mcg = Micrograms

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# THE SACRED EARTH

IN 1969 Professor James Lovelock propounded the controversial theory that the Earth is a living organism regulating the balanced environment in which life exists. He called this entity *Gaia*, after the Greek Earth goddess. According to his hypothesis the atmosphere is a biological product akin to the fur of a cat or the feathers of a bird. In his words, it is a living system designed to maintain a balanced environment.

The Gaia hypothesis presents the pre-Christian concept of the Earth as a Goddess in a modern form which is easily understood by those reared on high technology. In his book *"GAIA: A New Look at Life on Earth"* (Oxford University Press, 1979) Lovelock refers to the ancient belief in the Earth Mother and points out that the new science of ecology has given credence to this worldview.

He speculates on ecology's significance for humanity's relationship with the planet and each other. He refers to the dramatic growth of environmental pressure groups during the last decade and suggests that both orthodox religion and the political establishment must face the fact that their old enemy, Wordsworth's pagan, "suckled in a creed outworn", is still alive within us.

What Lovelock is referring to is the impulse which drives ordinary people to protest against the slaughter of seals and whales, march on nuclear power plants and campaign against motorways - although many of these protesters would be embarrassed to admit that they are inspired by a reverence and love for Mother Earth which transcends the act of protest and reaches a spiritual dimension.

This ancient impulse is once more emerging into human consciousness at a period when our very existence hangs in the balance. It has many messengers, including thousands of people who openly follow versions of the pagan Earth religions of pre-Christian Western Europe. So powerful is the message that it has touched people who wouldn't normally be expected to express themselves through this medium.

## Jung - Pagan At Heart

Sir Laurens Van der Post (Prince Charles' 'spiritual mentor' and author of *Merry Christmas Mr Lawrence*) was a close friend of the great Swiss psychologist Carl Jung and it is obvious from the conversations the two men shared that Jung was a pagan at heart. He recognized that in the headlong rush towards material progress, humanity had cut itself off from the natural world and in doing so had become spiritually weakened.

Jung became aware at an early age that the life most people were forced to endure in overcrowded, polluted cities was a false and unnatural existence. He came to the conclusion that such lives were not reality at all but an abnormality of the spirit which passed itself off as reality. Walking through the forest he saw the trees not only as natural aspects of the environment but as thoughts of the creator. In the forest he felt as if he was looking at the act of creation itself and that the voice of the creator was speaking to him over his shoulder. This dramatic experience was used by Jung to understand and cure the



problems of his patients by seeking the root causes of their anxieties which were expressed through the natural symbolism of dreams.

Jung knew that the division of humanity from Nature - the ultimate heresy - was the curse of our modern age and the cause of many psychological ailments afflicting the human race. We live in an artificial environment where children in cities have only seen farm animals in books or on television, the new opium of the masses. This false way of life is a breeding ground for violence, vandalism and crime.

The teachings of the New Testament offer us little that could alter this situation.

## Eco-Paganism

As a contrast to this egocentric view of humanity's role in the planetary ecosystem the old pagan religions teach that we are dependent on all life-forms for our survival. In ancient Shamanism the tribal magician communicated with his or her gods, who materialised in the shapes of animals. The archetypal symbol of the shamanistic mysteries was the sacred Tree of Life which the initiate climbed to enter the spirit world. Is it a coincidence that in our modern world we are systematically destroying the great forests and threatening many endangered species with extinction? We are spiritually castrating ourselves on the altar of materialism.

The pagan view is quite simple - if humanity is to escape racial genocide then it must dramatically and rapidly change its present social and moral direction so that the physical remedies to deal with our impending ecological crises will be implemented. Paganism, with its reverence for Mother Earth and all her creatures, is a natural religion which can lead us out of the maze.

Dr John Allegro, translator of the Dead Sea Scrolls, says in his book *Lost Gods* (Abacus 1978) that there is a desperate need for an ecologically-oriented spiritual paradigm which will place humanity back on the road to a balanced and sane existence. His conclusion is quite simple: "In our present concern for ecological conservation we are moving towards a revival of the old Nature religion and rediscovering in our terrestrial womb that gave us birth, the allegiance we owe to our lost gods" ~

by Mike Howard

# Mt Oak Festival Review

Over the new year of 1977-78, 10,000-15,000 people gathered at Mt Oak near Bredbo, NSW, helping to create a new society. When the Confest ended, a few hardy souls remained to build a community on land that was bought by donations at the festival and which has, through a convoluted and sometimes tortured history, become the first "free land" in Australia.

The land was arid and overgrazed - like much of this country - and it was hoped that by diligent application of ecological principles it could be restored to fertility, showing the potential of alternative management. Many felt that you couldn't find a better way to monkey-wrench a fledgeling Down to Earth movement. Nonetheless, there is something special about this land that defies analysis - and it's a living example of what we've done to this country.

The opportunity to attract 'new blood' onto the site - with the return of the alternative movement ten years later - was largely missed. The original Mt Oak festival was held by the Murrumbidgee River, but this one was held on rough, unshaded sections 2 to 5km from the 2.5km river-frontage. Access to the original site - where the occupants have built some dwellings, including icosahedral domes - was discouraged, so few saw what had been done with the site.

Early warnings from many individuals and the Victorian Down to Earth organisation that the festival should be held on the river were unfortunately ignored, partly out of fear of soil erosion on the riverbanks. A total lack of showers, childcare and of transport for children and pregnant women led to more enterprising campers organizing a shuttle service to the river themselves - in fact, organizing large parts of the festival *ad hoc*, a lesson in self-sufficiency. Had the festival been held by the Murrumbidgee, organizers would have received the backing and organizational ability of the Victorian Down to Earth movement and might then have attracted thousands more than the 1,500 to 2,000 people there.

For about a third of those who attended it was their first festival. Hopefully, it won't be their last. This was a time for people across Australia to network closely together and there were a number of people representing the Rainforest Information Centre, AASC, Getting Together, Green Alliance Permaculture groups and others. Many constructive workshops were held and a large portion of the land benefited from new irrigation and copious human manure.

These festivals are designed to focus disparate forces within the alternative movement from all over the country into an area where they can rub shoulders - but at Confest 88 people were dispersed right across almost 3,000 acres of land - resulting in two or three 'mini-festivals' instead of a single cohesive one. The organiser/residents were heavily stressed.

We can learn much from this festival, and the next one will be better as a result - wherever it may be held. There is a growing need for people to work together in unified strategies, moving in common directions to heal the planet.

Australia's 'tyranny of distance' can be momentarily overcome by this sort of networking combined with a GOOD RAGE - which the Confest was, despite its flaws. Mount Oak '88 was a symbol of the alternative movement as a whole - down to Earth hope, comedy and drama encapsulated ~

## IN ORBIT

with Victor Voets

Whenever something unique or mind elevating happens similar things are soon to be heard of. Remember the Harmonic Convergence of August 1987? Lately people have come to me asking if there are to be other Harmonic Convergences this year. Like going to the Mardi Gras; if you walked past it first time maybe you'll find it up ahead. There will not be another astrologically-indicated 'Harmonic Convergence' this year - but there are other world-synchronised linkups, including Earthlink '88 on February 13th, a Saturn-Uranus conjunction. Yet every day can be one if we allow a metamorphosis of attitude to invigorate and continually renew our relationships. Many couples have undergone spill-ups or changes. This has had a lot to do with the affect of the Universal Year 8 whose effects began to be felt from August 17-18 1987.

Throughout this year there will be a seeking for emotional and financial independence as we strive to attain balance within ourselves and our relationships. The frustration in seeking balance is that it doesn't seem to be found easily - otherwise there would be no reason to strive to attain it.

February is a major month of change and confusion as the past seems to keep cropping up. Mercury is retrograding until Feb 24th, which will give us a chance to review our actions... not a time to begin any major endeavour as delays will be encountered.

Saturn and Uranus both move into Capricorn Feb 14th and 15th...the beginning of a year of concretizing our expectations and talents. There has been a tendency to dabble over the past couple of years and now will be the testing time to do something with our dabbles. A sense of self discipline comes to the fore. Emotional and financial frustrations will be experienced for a few months whilst Pluto is retrograding from Feb 15th. Bosses - or emotionally strong female influences - will seem to hinder our desire to be organised and dependable.

Dragons begin to be seen in the heavens as the New Chinese fire-breathing year begins from Feb 17th. Year of the Mountain Dragon - apparently a year of festivities, fun, parties, endless chattering, colours and frivolity - all attempting to hide the financial frustrations and emotional detachments in personal relationships (remember 1928). A year in which we don't seem to need close relationships. Ideas and ideals will proliferate, most of them beyond the grasp of realism... maybe we'll come down to earth more after Jupiter moves into Taurus March 9th. Then we begin to enjoy our possessions, balance our finances and not to be so insistent upon doing our own thing at any cost.

March 18th - April 17th is a month to enjoy communication and social occasions and begin to get on top of material commitments. The end of March is a bit vague, tense and serious. From April 6th, close relationships and financial circumstances begin to irritate as an emotional coolness begins to cause tension. April 12th to 13th sees Saturn and Neptune retrograding so work, health, security and finances begin a period of delays. Be careful with your knees and bones; make sure you have plenty of calcium in your diet... potatoes in their jackets if you don't like milk. Stay away from any tendency to become dependent on drugs, alcohol, cigarette smoking or banal TV watching.

Detachment becomes strongly evident as emotional coldness comes to the fore from April 18th, especially around the full moon of May 2nd. Tension exists between optimism and separateness.

# IID CARD LIVES

While NEXUS cannot verify all of this report, independent sources corroborate many of the following claims - but it's a can of worms whichever way you look at it! Be warned.

At the moment we're allowed to protest, debate and demonstrate under democratic rights we take for granted. But according to former Department of Social Security investigator Peter Sawyer, there are people who want to take these freedoms away from us who have almost achieved their aim - a total ID surveillance system with a dossier on every Australian.

Author of the highly controversial book *Dolebludging: a Taxpayer's Guide*, he is no stranger to controversy. He and his wife registered for Unemployment Benefits in six States, defrauding Social Security - and then appeared on national TV to describe how easy it was. Prosecuted by the Federal Government, he has gone on to produce *Inside News*, a monthly newsletter detailing what he describes as a surreptitious National ID computer system already operating in Australia.

Sawyer has been addressing gatherings around Australia over the past few months. In the course of following up what appeared to be "massive bungling and incompetence and waste and inefficiency and decisions made for political expediency", what Sawyer believes he discovered was not bungling and incompetence, "but a ruthlessly efficient plan to turn this country into a totalitarian state."

Sawyer's allegations may sound alarmist and far-fetched. However, his information comes from over 300 public servants and the entire system is laid out in a book called *Towards a Cashless Society*, a report to the Prime Minister prepared by the Australian Science and Technology Council.

The report looks at the implications of the growing use of electronic funds transfer and cites a 1971 study by the US Centre for Strategic and International

Studies in which a group of information specialists was assigned the task of developing a system of daily surveillance of all citizens that was neither obvious nor obtrusive. The group's recommendation was a national system of electronic funds transfer at the point of sale (EFT-POS).

According to Sawyer, most transactions (mainly bank & financial institution transactions) are now by EFT.

"Once it's fully operational early this year, you won't be able to go anywhere or do anything without them knowing where you are, what you're doing and who you're doing it with," Sawyer told an alternative gathering at Mount Oak in January.

He has identified over 30 parliamentarians across traditional political boundaries who are cooperating in this scheme, but says that these people are controlled from a higher level comprised of Australia's top businessmen and bankers. In all there are about 500 conspirators, he says.

## National Computer Centre

"Everything you were told would never happen under the ID card system they have already set up in Canberra, among other places, at a place known as the Deakin Centre," Sawyer says. **Under pressure from Sawyer, the Minister for Social Security, Brian Howe, admitted in November that the Deakin Centre is not merely a Telecom exchange as it is officially listed, but is really The National Computer Centre.**

The Centre, in Kent street, Deakin (a Canberra suburb), has two to four feet thick concrete walls guarding the central computer and houses some **\$1.46 billion worth of computer hardware**, making the centre the most expensive undertaking in Australia.

The October 1987 issue of *Pacific Defence Observer* says that the Deakin Centre, with five antennae, is the main communications switching station be-

tween the Tidbinbilla space tracking facility and the microwave tracking facilities in the Black Mountain communication tower complex in Canberra. The Deakin Centre is also the Pacific Regional Headquarters for the NASA satellite network.

A group of politicians (including Barry Jones and Wilson Tuckey) were conducted on a limited tour of the Centre at the end of last year, and were told that the massive database contains dossiers on every Australian and that each government Department has access to them.



In the National Computer Centre - sharing the same database for at least the last two years - is the Taxation Department, the Departments of Social Security, Aviation and Transport, Communications, Defence (bringing the data base under the cloak of "national security"), the Health Insurance Commission including Medicare, the Australian Bureau of Statistics, several smaller government departments and a new department called State Computing Services - the facility which will soon computerise the State Governments' Births, Deaths and Marriage records, motor vehicle registrations, drivers' licences, gun licences and land titles information.

Carefully preserved Family Allowance records have established names, dates of birth and parents for everyone

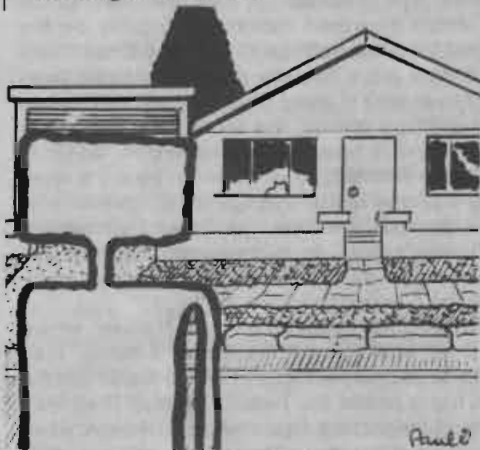
under 40. All the information supplied on the supposedly confidential 1986 Census forms have been added, according to Sawyer.

The NSW Department of Motor Transport has already made arrangements with a bank to use new NSW driver's licences, which will carry photographs, as credit cards.

The banks have been networking among themselves, so we can now go to almost any bank and withdraw money from other banking institutions. The banking network's HQ is the Canberra National Computer Centre. Taxation Dept officers can gain a complete print-out of an individual's tax file in a few seconds using a Medicare or bank card!

### ID Cards and Videoscan

12 million application forms for the ID Card have been printed at the Moore Paragon High Security Complex in Wodonga in Victoria.



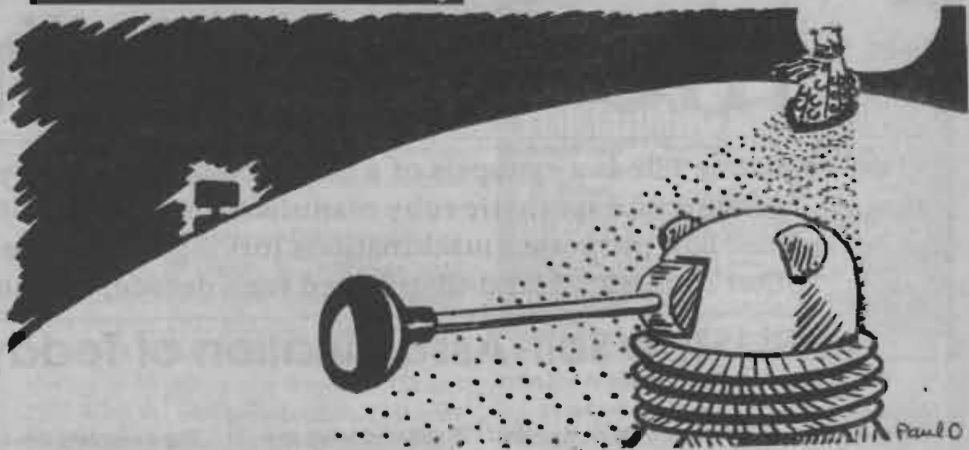
The plastic blanks for the cards have been manufactured at Nu-Lite Plastics in Brookvale in Sydney, and sent to EMI Thorn for laminating and inserting the magnetic strips.

Photographs will not be required in the new ID card system because of a new technology called videoscan. A videoscan is a digitised electronic picture which can be fed straight into a computer and is considered the most infallible record of identity available.

There are buses with all the equipment necessary for videoscanning already prepared for touring the country.

### Other Centres

Besides the National Computer Centre, there are also State headquarters - collection points feeding into State databases -



which are supposed to be Telecom exchanges, built like fortresses with armed guards. All have diesel generators and food and accommodation for up to eight weeks for critical staff in case of civil insurrection.

### Contrived Emergencies

New ID card legislation will be reintroduced to Parliament, according to Sawyer, in March or April this year, and will be offered as a solution to contrived civil emergencies - including a series of national strikes, especially a coal strike causing major power blackouts - but most significantly a staged Aboriginal incident which could occur around May, during which caches of Russian and Chinese weapons will be found.

"What we are going to see is a wholesale massacre that is made to appear to be caused by the Australian army, and it won't be. It's people who are brought in from overseas. And it will be in response to black people who will be shooting white people, and they won't be Australian Aboriginals either. They're people who've been brought in from overseas," Sawyer told the Mount Oak meeting. In December there were riots instigated in Redfern, Bourke and Taree by "blacks" unknown to local Aboriginals.

The existence of an arms and munitions cache in Western Australia was verified last year by the Commonwealth Ombudsman's office following complaints by Sawyer. The Senior Assistant Ombudsman, Mr Williamson, has been given an apology by the Departments of Social Security and Aboriginal Affairs for diverting funds from Aboriginal communities for these purposes and were forgiven by the Ombudsman after they said that they wouldn't do it again!

Sawyer further claims that "7,000 AK47 Russian assault rifles, plus ammunition were shipped in on false documents prepared by [redacted], of [redacted] Ave, Rosebery, Sydney. Transfer of funds was arranged through Mr [redacted]'s Merchant Bank, [redacted], and they are currently being hidden by moving them around various warehouses and stores owned by Mr [redacted]..." - both prominent W.A. businessmen.

### International Links

The total surveillance system is part of a world-wide plan supervised by the world banking families. Harvey Rockefeller, senior nephew of the Rockefeller Foundation, has been living in Canberra for the last two years, overseeing the construction of 22 'secret' mansions in national parkland around Canberra.

### Conclusions?

However you regard Mr Sawyer's information, his first issue of *Inside News* was denounced as lies by the Government. By the time his third newsletter had been printed, many of his claims had been verified by Government sources - but dismissed as 'irrelevant'.

Even if Peter Sawyer is entirely wrong, a major computer corporation has - at very least - ripped hundreds of millions of dollars off the Australian people by selling us a Social Security computer system which didn't work - and the Government has failed to prosecute them! Some of his allegations should be thoroughly investigated, wherever the truth may lie. We apologise for Australia's libel laws.

Happy Bicentenary, Australia!

# The Gemstone File Part 4

The Gemstone File is a synopsis of a thousand page report by Bruce Roberts, reportedly the first US inventor of a synthetic ruby manufacturing process. It is a classic 'conspiracy theory', a background on purported machinations lurking behind the US government - and those of other countries. Hand-distributed for a decade, it is now reprinted in NEXUS

## The Self-Assassination of Teddy Kennedy Coverup

July 1969: Mary Jo Kopechne, devoted JFK girl and later one of Bobby's trusted aides, was in charge of packing up his files after his assassination in Los Angeles. She read too much, learned about the Kennedy Mafia involvement and other things. She said to friends: "This isn't Camelot, this is murder."

She was an honest Idealistic American Catholic who didn't like murderous hypocrites. She died trying to get off Chappaquiddick Island where she had overheard (along with everyone else in the Kennedy's D.H. Lawrence cottage) Teddy Kennedy's end of the telephone calls from John Tunney and to Joe Alioto and Democratic bigwigs Swig, Shorestein, Schumann and Bechtel. Teddy's good friend John Tunney called to complain that Alioto's friend Cyril Magnin and others had tried to bribe Jesse Unruh to switch from the Governor's place and run for the Senate - for the seat John Tunney wanted - so that Alioto would have an easier run for Governor. Teddy called Alioto, who told him to go to hell; then Teddy called the rest to arrange for yet another Mafia murder.

Mary Jo, fed up with Mafia bullshit, ran screaming out of the cottage on the way to Ralph Nader. Drunken Teddy offered to drive her to the ferry. Trying to get away from curious local Sheriff Look, Teddy sped off towards the bridge, busted Mary Jo's nose when she tried to grab his arm from the back seat and bailed out of the car as it went off the bridge. Mary Jo, with a busted nose, breathed inside an air bubble in the car for more than two hours waiting for help while Teddy, assuming she was dead, left her to suffocate in the submerged car while he ran to set up an alibi.

Mary Jo finally suffocated in the air bubble, diluted with carbon dioxide from her exhalations. It took her two hours and 37 minutes to suffocate while Teddy had Joseph Kennedy III steal a boat and ferry him across to Edgartown. Mary Jo was still pounding on the upturned floorboards of Teddy's car while Teddy phoned Jackie and Onassis on the yacht *Cristina*. Teddy also called Katherine Graham (of the *Washington Post*) and his lawyers etc. Jackie phoned the Pope on Teddy's behalf, who assigned Cardinal Cushing to help.

The next morning, the first person Teddy tried to call after deciding he would have to take the rap himself was: lawyer Burke Marshall, Onassis' friend from the U.S. 'Liberty Ships' deal back in the 1940s (see *Issue 1*) and also the designated custodian of JFK's brain after Dallas (the brain fragments have since disappeared).



The complete coverup of the Chappaquiddick murder required the help of Police Chief Arenas; the Massachusetts Highway Patrol (who 'confiscated' the plates from Teddy's car after it was fished out of the pond); judges; the Massachusetts Legislature, which changed a 150-year old law requiring an autopsy (which would have revealed the suffocation and broken nose); Coroner Mills, who let Kennedy's aide, K. Dyn Gifford, supply him with a death certificate already prepared for Mills' signature listing cause of death as drowning; Cardinal Cushing's priests, who appeared before the Kopechne's "direct from God", with personal instructions from Him that Mary Jo was not to be disturbed and not to insist on an autopsy; a Pennsylvania mortuary where Mary Jo's broken nose was patched up; East and West Coast phone companies which clamped maximum security on the records of calls to and from the cottage (S.F. Police Chief Cahill was reassigned to a new job - Security Chief for Pacific Telephone) and which never said a word about Teddy's (required equipment) plug-in cottage phone; the US Senate; the judge who presided over the mock hearing; James Reston, editor of Martha's Vineyard's only newspaper, who never heard a word about Teddy having a phone at the cottage although residents called in to tell the newspaper; the *New York Times*; the *Washington Post*, etc. John Tunney's sister, Joan, overheard her brother's end of the phone call made from her house in Tiburon (*Apparently in Hall - Ed*) to the Chappaquiddick cottage.

The day after Mary Jo died, Joan ran away to Norway, where she was kidnapped by Mafia hoods Mari and Adamo. They locked her up in a Marselles heroin factory for 60 days, where the heroin fumes made her a junkie (no needle marks). They then turned her loose outside the factory. Upon her return home, when her husband complained of her stoned behaviour, she cut off his head with an axe and was subsequently locked up in an asylum belonging to the Marquess of Blandford, then Tina Livanos Onassis' husband. Mari and Adamo got pressed into scrap metal in a New Jersey auto junkyard.

In the panic to cover up Teddy's guilt at Chappaquiddick, many things came unglued. The JFK murder threatened to come out of the woodwork; Black Panthers Hampton and Clark were murdered (the Chicago Police fired over the head of Attorney Charles Garry) because of what they knew about the FBI JFK murder squad's presence at Chicago on Nov 1 1963.

September 1969: "Gemstones", with histories, had been released around the globe for several years. In 1969 Roberts gave a Gemstone with history to Mack, head of California C.R.E.E.P., for Nixon, with the proposition - the Presidency, in return for wiping out the Mafia. The "history" included Teddy's phone calls to and from the D.H. Lawrence cottage on Chappaquiddick - billed to Teddy's home phone in Hyannisport. Nixon, being Mafia himself, wasn't interested, but kept the information to use on Teddy whenever it seemed advantageous.

May 4 1970: Charlotte Ford Niarchos called her ex-husband Stavros, worried about the Ford Foundation's involvement in the Chappaquiddick cover-up. Eugenie Livanos Niarchos, in bed with her husband, overheard the conversation.



Stavros was forced to beat her to death: he ruptured her spleen and broke the cartilage in her throat. Cause of death was listed as "overdose of barbiturates", though autopsy showed these injuries.

## Howard Hughes Hoax

**End of 1970:** The presence of Howard Hughes was no longer required. His handwriting could be duplicated by a computer (read *British ex-MI6 agent Ian Fleming's James Bond books* in which Hughes and Onassis are thinly disguised). All the known facts about his life had been compiled and a computerised biography issued to top "Hughes" executives. His double - Rector - had been doing Hughes for years. And Hughes was ill.

Clifford Irving, author of *Hoax*, a book about an art forger, became interested in Hughes and wanted to do a book on him. Living on Ibiza he heard the Mediterranean gossip that "Hughes" was a hoax too. He went to "Hughes" so-called Mormon Mafia (the six "nursemaids") for information. One of them, Merryman, perhaps tired of the game, gave Irving a copy of the computerised Hughes biography, and from it Irving wrote his "autobiography".

Hughes' death was expected shortly. Preparations were being made so that it would not interfere with the orderly continuation of his empire. When the publishers announced Irving's book, Onassis knew that someone had given Irving the information but didn't know who. He thought it was Robert Maheu, and fired him in November 1970. On Thanksgiving Eve 1970 in the middle of the night, "Hughes" (Rector, the double) made a well-publicised "secret departure" from Las Vegas to the Bahamas.

**December 1970:** Onassis discovered his mistake and had Merryman killed. Robert Maheu, accidentally deprived of his \$500,000 annual salary, sued "Hughes" for millions and had his blackmail carefully hedged. He mentioned "Hughes'" game-plan for the purchase of presidents, governors, senators, judges, etc. Onassis paid off - cheap at the price - to maintain his control of "American Democracy" and the "Free World", and to keep from hanging for multiple murders.

The "Hughes" Mormon Mafia party, plus Rector, fled around the world: from the Bahamas, where they murdered an unco-operative Governor and a Police Chief, to Nicaragua, where they shot the US ambassador between the eyes for noticing that there really was no Hughes, just Mafia. Then to Canada, where they did a bit of looting on the Canadian Stock Exchange (Mormon Mafia Eckersley presiding) and on to London, England, where they holed up at Rothschild's Inn of the Park.

## Hughes' Funeral

**April 18th 1971:** Howard Hughes, a human vegetable as a result of serious brain damage and Mafia treatment during his 1957 hustle and his long confinement (plus 14 years of heroin), grew sicker and sicker. A final dose of heroin did him in. His coffin was lowered into the sea from a rocky headland off the coast of Skorpios (Onassis' Island).

Present at the funeral were: Jackie Kennedy Onassis; Teddy Kennedy; Francis L. Dale, Director of CREEP and on the ITT board of directors; Tom Pappas, also CREEP; and a South Vietnamese Cardinal named Thuc. Onassis allowed some photographs to be taken from a distance; he himself did not appear. The pictures were published in *Midnight*, a Canadian tabloid. Albanian frog-men, flipped off, were waiting under the water. They seized the coffin and took the corpse off the Yugoslavia, then to China and Russia and then to Boston in a foot locker. The corpse's dental work was compared to Hughes' very own dental records and they matched.

## Truth Out?

News of Hughes' death, the US takeover by Onassis, and the facts surrounding the murder of JFK, RFK, Martin Luther King, Mary Jo Kopechne and many more, and the subsequent cover-ups (involving still-warm murders) has been circulated around the globe for years. Any country with this information can blackmail the US Mafia government, which has no choice but to pay up. The alternative; be exposed as a bunch of treasonous murderers.

This is why China-hating, red-baiting Nixon was forced to 'recognise' China (which he now claims as his greatest accomplishment); and why the USSR walks off with such good deals on US loans, grains and whatever else it wants. All they have to do is mention those magic words: Hughes, JFK, RFK, MJK, MLK - words to conjure by, which once leaked can't be leaked. One way to end the dilemma is through a nuclear war - and that wouldn't be one-sided. The other way would be to throw the Mafia out of the US, starting at the top with the President, Rockefeller and Kissinger.

Superpatriots please note; no-one - not all the radicals and subversives hounded by US domestic intelligence put together, have done one fraction of the damage done to the US economy, morality, power and prestige by the thieves at the top.

On the very day Hughes was buried, Clifford Irving's wife presented a cheque to a publisher made out to "H. Hughes" to Onassis' Swiss Bank for payment. Onassis paid off - cheap at the price =

## Next Issue:

*The Vietnam War and world drug trade*



## Nuclear Colonialism

Proponents of a nuclear-free Pacific are looking with alarm as the U.S. and France extend their influence in Fiji and Micronesia.

The Commonwealth withdrew aid to Fiji after 1987's coups and France is providing an aid grant of A\$17.9 million for local development. A mixture of grants and bank credits, much is expected to go to the sugar and tourism industries. No military assistance demanded by Fiji has been forthcoming. Brigadier Rabuka has formally relinquished control to a civilian government, but retains the powerful Ministry for Home Affairs and the army remains in control of *Radio Fiji*.

The presence of Australian and U.S. naval fleets in Fiji at the time of the coup which deposed the anti-nuclear Labour coalition may be a coincidence, but there are reports that C.I.A.-trained specialists were flown in to execute the coup.

The U.S. is also extending its influence in Papua Niugini. Green Beret "special advisors" are already training and directing local troops, as refugees continue to cross the Irian Jaya/P.N.G. border. Incursions by Indonesian forces are increasing in number and scale.

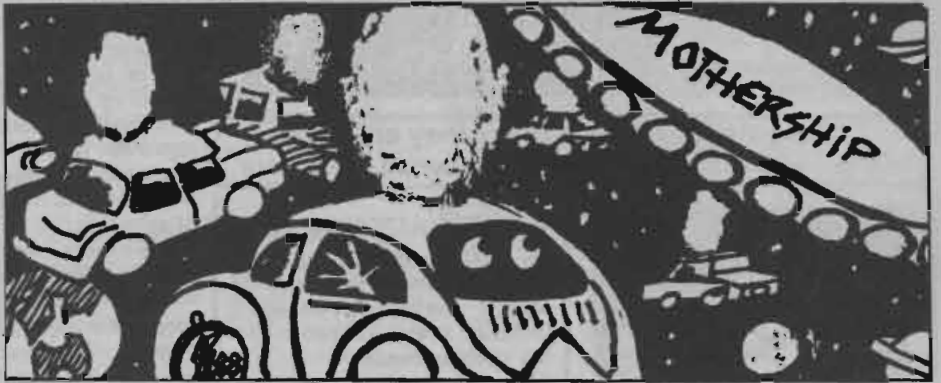
## Belau Fights for Nuclear-Free Constitution

Micronesia, the last remaining U.N. Trust Territory, is the ONLY one not to gain full independence from the administering authority - the U.S.

The republic of Belau (*Palau*), with a population of 15,000, has struggled for full independence since 1979 when it drew up its constitution. To the alarm of US officials, Article XIII Section 6 stated: "*Harmful substances such as nuclear, chemical, gas or biological weapons intended for use in warfare, nuclear power plants, and waste materials therefrom, shall not be used, tested, stored or disposed of within the territorial jurisdiction of Palau, without the express approval of not less than three-fourths of the votes cast in a referendum submitted on this specific question.*"

Since then a number of referenda have been held, with the US insisting on making the Palauans vote and vote again, until they vote to allow the US continued nuclear access to the islands. Until then the US won't allow the Constitution to be passed. They have used a wide array of "dirty tricks" to influence voters, including misleading information and the intimidation and murder of proponents of the nuclear-free Constitution.

# Nullarbor UFO



A family car was lifted off the Eyre Highway by a bright white, egg-shaped object with a yellow centre near the Western/South Australia border on January 20th.

At 5.30am Faye Knowles, 48, and her three sons were driving from Perth to Melbourne in a Ford Telstar when they swerved to miss a large glowing object on the road about 40km west of Mundrabilla. The Telstar was chased at speeds of up to 200km/h by the object.

"A bright light appeared behind us so we stopped to investigate," said Sean Knowles. "It gave us a shock so we ran back through the bushes."

## Telstar Lifted

Sean, 21, told police: "Mum was flooring it along the highway. We were doing about 110 [kph] when it came over us and suddenly lifted the car off the road. We felt the thump on the roof and then it started lifting us. We were frightened and began to yell but our voices had changed." Their voices became distorted and everything seemed to happen in slow motion.

Mrs Knowles reached out of the car and placed her hand on the object, telling her sons that it felt like a rubber suction pad, and pulled her hand back quickly. The UFO dropped the car back onto the road, ripping off a roofrack and causing a rear tyre to blow out. The family ran into the bushes and hid for 30 minutes, then returned to repair the tyre - but couldn't find a suitcase stored on the roofrack.

The Knowles sped off until they reached a roadhouse at Mundrabilla. There they met a truck driver who told them (and later police) that he'd been followed west along the highway by a bright glowing object less than an hour earlier. The family then drove 600km non-stop to Ceduna in South Australia and informed police. A team of detectives sent samples of black ash which coated the outside

of the car to the Forensic Science Centre, who pronounced it was burned rubber particles.

## Independent Sightings

A sighting also came from fishermen 100km away. Senior Sgt Jim Furnell in charge of Ceduna Police told reporters: "Another report came in from the pilot of a tuna spotting plane flying over the Great Australian Bight. He saw the object over the sea and saw it sit above a trawler below.

"The trawler crew have since told how they were disturbed by the bright light, came out on deck but could not speak properly. When the object disappeared they went straight to the marine radio to report what had happened."

The object was observed by the Knowles for about ninety minutes, and if independently sighted in the Bight it's impossible to explain the sighting as 'dry lightning', a meteoroid shower or refraction of distant lights.

An interesting coincidence is that 24 hours later the greatest series of earthquakes in Australia's history began near Tennant Creek. Long-lasting balls of plasma caused by static charges have often been observed prior to quakes. Ionised gases would explain voice changes.

Another terrestrial explanation is a secret military weapon (the Knowles' sighting was very close to a vast joint US-British military landholding covering most of the Great Victoria Desert).

This was the third UFO incident in the Nullarbor in the past month. Two of them were reported as 'egg-shaped'. The third, a week before the Knowles' sighting, was by a woman motorist near the Eyre Highway outside Mundrabilla who reported seeing a bright light shaped like an "electric light globe".

Who knows? Perhaps it's the Wandjini - Aboriginal Dreamtime spirits who've awed humans in the area for tens of millenia =

# THE TWILITE ZONE

Some stories just won't die - they enter the Twillite Zone. We hope you have a sense of humour...



## KAL-EL CRASHLANDS

Soviet geologist Dalan Namnandorj witnessed a UFO explosion and later discovered a Chinese search party had found a pod ejected from the UFO before impact, he reported recently.

"I kept hearing them talking about the creature they could see frantically squirming through the clear panel on the egg-shaped craft", Namnandorj said. The unopened pod was driven in an armoured vehicle to an undisclosed spot.

Colonel Gennadi Volkov, a Soviet military-intelligence officer, claims that the Chinese are holding an injured alien baby at an army base near the Mongolian border. Soviet researchers believe that the baby may be the result of alien-human cross-breeding.

Col. Volkov said "We have offered the Chinese any technical assistance they may need, but they keep denying any knowledge of either a crash or a surviving infant." According to Volkov, Chinese government officials will soon be seeking help from medical specialists in the US. "They know, and we know, the US has had experience with such things before," he said.

- The Examiner, USA

## COLD FACTS OF LIFE

\*A Brooklyn woman aged 55 who had been missing since August, was found by her son in October. She was frozen solid in the kitchen freezer.

\*When his wife died of cancer in 1984, Dr Raymond Martinot of Largo, Florida, had her body chemically treated and put in a custom-built freezer. He planned to keep her until medical technology had advanced to the stage when she could be thawed out and treated.

However, during a long power blackout due to a wild electrical storm in the Largo area, Dr Martinot's plans were thwarted. By the time the power came back on, his wife's body had already thawed out and rotted.

\*A new way of freezing loved ones has been developed by an American undertaker that reduces body mass without cremation.

According to the Morticians' Journal, the body is cooled by liquid nitrogen to minus 100 degrees centigrade. The rock-hard body is then smashed by an automatic hammer into pieces half an inch in size.

All the fluid is then removed from the particles by freeze-drying, reducing them to 5% of their original weight. The remains can be stored in an urn.



## CHEEKY'S RADICAL PARTY

Italy's Radical Party are none too pleased with their representative to the Chamber of Deputies, the porn star Cicciolina. Her philosophy of sexual liberation is not shared by feminists and her performances on stage have outraged the Italian Friends of the Earth who say that her intimacy with a python is a maltreatment of animals.

Her victory show featuring an act called "Perversion" was two-thirds filled by the Italian press corps, each paying over \$A50 to attend. Her act featured masturbation and simulated bestiality. She asked the audience if she was offending their sense of modesty, a reference to the penal code.

When the answer came back "No!" she mounted the stage, leaned over its edge, and sent a "golden shower" over the front row of reporters, ruining one's camera in the process.

Cicciolina is now studying the Italian Constitution.

- Reuters

## POLITICS & RELIGION

When the Italian government granted Vatican Radio four FM broadcasting bands that were already occupied, listeners were treated to a battle of the airwaves in which the broadcast fluctuated between Mantovani music and Radical Party news.

One broadcast told how chemical contamination of the environment by a pharmaceutical firm in northern Italy caused the pasta on Italian family dinner tables to turn blue in front of their eyes. After 30 seconds the broadcast switched to Vatican Radio, playing *When You Wish Upon a Star*.

- The Guardian

## WEAVING THE WEAVER

47-year-old Paul Thomas, co-owner of a wool mill in Thompson, Connecticut, was working on a machine that wound yarn from a large spool to a smaller one when he fell onto the small spool. By the time his body was discovered by employees he had been wrapped in about 800 yards of wool and been suffocated.

## X-RAY VISION

A Soviet woman has reportedly developed X-ray vision after suffering a severe electric shock. Yuliya Vorolyeva was unable to sleep for six days after 380 volts had passed through her body - somehow granting her new power.

"At the bus stop one morning I was horrified to see right through one of my friends, as though she were a fishbowl. I can also see soil beneath asphalt on a road." Several Soviet doctors are also impressed with Yuliya's ability to diagnose even the rarest of illnesses. The *Izvestia* correspondent was amazed when she told him that she saw a light red liquid in his stomach, and was correct in stating that he had eaten Kisel, a starchy red jelly.

Colin Wilson, author of many popular books on the occult, says that Uri Geller developed his psychic powers at the age of five after being knocked unconscious when he touched a blue electric spark on his mother's sewing machine.

- *Izvestia*



## GUNS IN FUNLAND

The high crime rate has persuaded legislators in Florida, USA, to grant anyone the right to carry concealed pistols, knives, clubs, teargas guns and even to wear guns in plain view.

"Victims of crime must also have rights," explained State Representative for Florida Ronald Johnson, the chief advocate for the new gun laws.

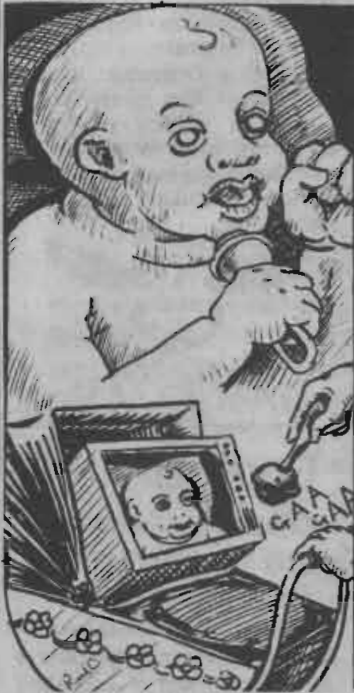
But Florida's new laws have been outdone by the town of Kenneshaw in Georgia, which has passed an ordinance making it compulsory for every household in the town to keep a working firearm and ammunition on the premises.

### Video Nasties 1

An American video company has brought out the ultimate product for those seeking "the full, rich experience of parenthood without the mess and inconvenience of the real thing". For \$US19.95 you can have *Video Baby*, 13 minutes of flawless, blue-eyed little girl with perfectly-shaped fingers, toes and smile. The soothing voice of the narrator invites you to "Call your Video Baby by name now. You'll know immediately if you've chosen a name your baby likes."

Peter Wild, chairman of Creative Programming Inc, which developed the video, said, "This is tailor-made for yuppies. This is enjoyment without commitment."

The video company has released similar products such as *Video Fireplace*, *Video Tropical Fish Tank*, *Video Dog* and two versions of *Video Cat*. Owners have to name Video Dog themselves, but the owner's manual provides some suggestions.



### CROC STOCK POT

The Indian government has been raising crocodiles on a government farm in the State of southern Kerala and has decided to release them into the Ganges River, where millions bathe annually amid the pollution, in order to clean up the corpses and other pollution.

### News for Bears

A Cessna 170 carrying 227 kg of moose meat was wrecked by a grizzly bear trying to get to its dinner. The plane, which was parked on a sandbar in the Innoko River in Alaska, had its fuselage bent and pilot Ed Gurtler, was forced to flee by boat. When Mr Gurtler returned the next morning, the moose meat had been reduced to 90 kg. Ed Gurtler would have done well to read the book *Bear Attacks: Their Cause and Avoidance*, written recently by two Alaskan scientists. The best defence is to make loud noises and fight back. Under no circumstances should you lie on the ground and play dead. Bears killed only 20 people in Alaska between 1900 and 1985.

- Reuters

However, the book is not yet available in Siberia where it is most needed. Hungry bears are killing and mauling people in Soviet settlements because they have been unable to gain enough fat to hibernate.

- Pravda

### GREENING MALAYSIA

Datuk Rahman, a member of the Malaysian Parliament, has come up with a simple way for Malaysian farmers to cut grazing costs. To overcome a cow's choosiness over the quality of the grass it will eat, Rahman has suggested that all cows in Malaysia be made to wear green-coloured glasses. In this way, he told Parliament, even dying brown grass would look fresh and green, and the cow would eat it without reservation.

### Video Nasties 2

When the death penalty was introduced in Texas in 1976, huge crowds gathered outside Huntsville State Prison to support capital punishment. But according to Jim Mattox, Texas Attorney General, executions have become so commonplace that they are losing their deterrent value - so he wants executions to be videotaped and sold to the public.

"For these things to be conducted in the still of the night with no crowds around, it is likely not to bring about the deterrent impact that people would like for it to have."

### Uri Psychs Yuli

The US has been employing Uri Geller as a psychic weapon at the Geneva arms talks, supposedly beaming "peace messages" into the heads of the Soviet negotiators.

After he was introduced to chief Soviet negotiator Mr Yull Voronitsov, Geller immediately began to "transmit to him very beautiful peace thoughts".

Geller's meeting in Geneva was arranged the previous week when he briefed an extraordinary session of top senators, congressmen and the CIA. The meeting was organized by Senator Claiborne Pell who is interested in Soviet psychic research. Geller was introduced to Senator Pell in 1986 by Princess Michael of Kent.

Meanwhile, Avram Shifrin, former KGB informer and the only Israeli to testify in defence of John Demjanjuk, an alleged Nazi war criminal, told the trial that the Soviet Union has a top secret department of parapsychology designed to influence the minds of American officials by using talismans.

- British Sunday Times & others



### TRUST US

Most of us think it's socially acceptable for politicians to lie, according to a report by Emeritus Professor John Barnes of the Australian National University.

Researching the "sociology of lying", he told the *ANU Reporter* that few politicians had been forced to resign because of broken promises. (Not long ago, *Psychology Today* carried out a survey among the American population to find out the level of trust in society. Politicians were only trusted by 18% of the population, but the least trusted group in society was found to be journalists - Ed)



### DWARVES IN SPACE

Scientists trying to genetically engineer human mutants for their space programs have been saved the trouble by Larry Krimke of Cleveland, Ohio. Larry, a 3ft 8in dwarf, has been conducting his own one-man astronaut training course at his home for three years.

Larry, 23, spends several hours each week being tumbled around inside his domestic clothes dryer to simulate a spacecraft environment. He explains, "Eventually I'll be so good they'll have to take me. They already use monkeys the same size as me - and I'm more intelligent than any monkey."

### If He's So Smart...

Mathematician Arnold Saylor of Tampa, Florida, is seeking a lobotomy so he can halve his IQ. Arnold, with an IQ of at least 230, said, "Intelligence is too great a cross for me to bear. All my intellect has brought me is broken marriages and a drinking problem. As far as I'm concerned, they can take as much of my brain as they like. All I want is to be an ordinary person and live an ordinary life. An IQ of 110 would suit me just fine."

A college graduate with an honours degree in mathematics at 11, he has lost 14 well-paid jobs with the US government and multinational firms and been hospitalised several times for chronic alcoholism.

An AMA spokesperson said: "It's definitely unethical and, as far as the law can be interpreted, it would also be illegal."

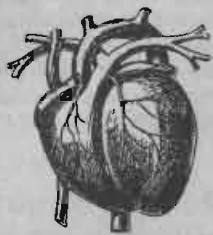
### Bloomsbury Good Health Guide

*Common Health  
Problems and How to  
Solve Them*

Allen & Unwin, 8 Napier St,  
North Sydney. \$39.95

Collated as a resource to understanding your disease, this book aims to provide the reader with tools to enhance the mechanisms that ensure good health. More thorough than a medical encyclopaedia, the topics covered are widely varied - acne, back problems, heart disease, impotence, infertility, nutrition, vitamins and unlistably more topics.

The research is very recent and the theme of the book is self-diagnosis, self-treatment, disease prevention and health maintenance. Not all our body/mind problems go away with two aspirin or a visit to the doctor, and this book shows us how to tell when we do need a doctor.



### The Heart Attack Recovery Book by Elizabeth Wilde McCormick

Allen & Unwin, 8 Napier St,  
North Sydney \$14.95

This is the second edition of this book, incorporating new chapters on breathing techniques, counselling and coronary artery bypass graft.

Covering all aspects of heart attack extensively, the book outlines medical tests and terminology used, hospital procedures, causes and complications of heart attacks and gives useful advice on exercise, diet, relaxation and preparation for returning to the work force.



### Genuine Fake

*A Biography of  
Alan Watts*

by Monica Furlong

Allen & Unwin, 8 Napier St,  
North Sydney \$19.95

The 'hippy movement' of the 1960s produced many charismatic and colourful figures, among them Alan Watts. His contribution to the counter culture was mainly to religious development and psychotherapy, sexuality and psychedelics. He started his professional life as an Episcopalian clergyman, maintaining his real love of Zen Buddhism, eventually incorporating Taoism towards the end of his life. His teachings influenced an entire generation and he saw himself as 'a philosophical entertainer, a genuine fake, a irreducible rascal'. Excellent reading, informative of the "counter culture movement" of the 60's and the influence of heroes/gurus of the time.



### Mindpower

by Nona Coxhead

Allen & Unwin, 8 Napier St,  
North Sydney \$17.95

This book delves into the hidden powers and abilities of the mind, exploring topics from psychic phenomena and the scientific scrutiny of psychic experiments to parapsychology, astral travel, healing abilities of the mind, telepathy, psychokinesis and others. The author has also put emphasis on the emerging kinship between science and religion and the emerging acknowledgement of 'consciousness' within the Western belief system. The Eastern cultures have always accepted mysticism and altered states of consciousness as a part of life. Full of interesting facts and scientific results, this book makes informative reading.



### A Meditator's Diary

by Jane Hamilton-  
Merritt

Allen & Unwin, 8 Napier St,  
North Sydney \$17.95

This is an account of the authors amazing test of endurance among the Thais while learning to meditate.

She went alone to a teaching *wat* in northern Thailand to learn the art of meditation and discovered that it does not simply require you sit in the lotus position and shut your eyes. It's something to be learnt and practised.

Her personal experiences are captivatingly told; the endurance of the lonely harsh life of an acolyte, the Masters she encounters and learning the Buddhist texts.

### The Peace Bible

\$US8.95 and

The Peace

Organizer \$US19.95

Kalimat Press, 1600 Sawtelle Blvd, Suite 34, Los Angeles, CA 90025-3114 The Peace Bible gathers together quotations on peace from religious traditions including Buddhism, Hinduism, Jainism, Native American, Christianity, Baha'i and others. Also compiled are the ideas of contemporary thinkers such as Gandhi, Martin Luther King Jr and Albert Schweitzer.

Thought-provoking and inspirational, the book includes chapters on the evil of war, the role of women and peace, the need for world order and inner peace. Excellent resource material for speeches, articles or sermons.

"The truest and greatest power is the strength of Peace... because Peace is the will of the Great Spirit".

*Native American - Hopi Declaration of Peace.*

The Peace Organizer is put together in ring binder form and is a weekly planning calendar. Each month has a peace-related theme, such as Justice, Education, Unity and Women etc.



### Earth Link 88

*A Planetary Awakening*

by Vincent Selleck

Shekinah Foundation, P.O.

Thora 2454 \$5 post free

Written to prepare the reader for the moment of planetary transformation, the booklet is a manual. We have reached the beginning of a survival crisis due to our misuse of technology and the planet's resources. Full of charts, graphics and maps, the booklet covers many topics such as the Harmonic Convergence, Hopi Prophecy, astrological links

## All The Way

Australia's Road to  
Vietnam

by Gregory Pemberton

Allen & Unwin, 8 Napier St,  
North Sydney. \$19.95

*paperback \$34.95 hardback*  
Dr. Pemberton served in the Australian Army for 10 years. He is also a graduate of the Royal Military College and the University of Sydney. He is co-author of the strategic and diplomatic volumes of the official history of Australia's involvement in the 'Malayan Emergency' and the Vietnam War. 'All The Way' traverses Australia's long road to Vietnam and describes how thousands of Australian soldiers came to fight in South Vietnam. Beginning with the period soon after World War II, it traces the development of Australia's war in Southeast Asia. Based on extensive sources both here and in America, the book is essentially about how and why Australia became involved in the Vietnam war.

It focuses on a study of the foreign and defence policies of Australia and the U.S. because it is recognised that a comprehensive understanding of American policies is central to a full understanding of Australian actions. Australia's post-1945 policies, particularly in the Far East, were greatly shaped by links with the U.S.



## Tales of Love, Sex and Danger

by Sudhir Kakar and  
John Munder Ross

Allen & Unwin, 8 Napier St,  
North Sydney. \$17.95

This book retells the famous love stories of three major cultures - Indian/Hindu, Perso-Islamic and Western. It tells of erotic and sexual love, passions, intrigue, ecstasy and the complexity of human relationships.



## Nuclear Playground

by Stewart Firth

Allen & Unwin, 8 Napier St,  
North Sydney \$14.95

This book documents the story of the Pacific Islanders who have been displaced and irradiated by the Superpowers' testings of nuclear bombs in the Pacific.

How the men who live in Washington, Paris and London use the islands and deserts of far away places for their nuclear tests, regardless of the tribal peoples living in these areas. The book covers an in-depth history of nuclear tests, with chapters on 'Why the French love the bomb', 'Where to test', 'Mururoa' and many more. With black and white photos and maps it is well presented and full of information on a topic which affects everyone on Earth.

## Sex A to Z

by Robert Goldenson  
and Kenneth Anderson

Allen & Unwin, 8 Napier St,  
North Sydney. \$39.95

This book is a comprehensive dictionary of 5,000 entries of sex and sexology terminology. Everything from scientific to slang terminology is listed in alphabetical order. Covering anatomy, sexual practices, medical terminology, psychology, taboo terms, genetics, folklore, superstition and more. Informative, interesting, educational and a novel way to impart a basic understanding of the nature of the human reproductive process; at the same time imparting facts about the strange and fascinating.

## The New Massage & The Art of Sensual Massage

by Gordon Inkles &  
Murray Todris

Allen & Unwin, 8 Napier St,  
North Sydney \$19.95

Both of these books make available a most comprehensive and complete source of information on all aspects of body massage.

No special knack is needed, no great knowledge of anatomy or special techniques are necessary. With the help of many black and white photographs which make the instructions visual, the books are clearly written and easy to follow.

They also cover topics promoting health, exercise and such diseases as sprains, insomnia, high blood pressure and others. A useful tool for anybody wanting to learn massage.



## The Sensual Body

by Lucy Lidell.

Allen & Unwin, 8 Napier St,  
North Sydney. \$19.95 paper  
\$39.95 hardback

This book is a working manual and is divided into 3 parts - Prelude, Solowork and Partnership.

The basic theme is body awareness; being in touch, feeling harmony and integration, understanding the 'machine' you inhabit and are. The book incorporates chapters on self-massage, breathing, African dance, Tai Chi (Inhabiting the body), Eutony (living with awareness), Kum Nye (sensation), running, Akido (harmonising energies), sensual massage and much more. Presented with colour photographs and colour drawings, explicit and easy to comprehend instructions, it can be used by individuals, couples or groups.



## Gandhi Today

Mahatma Gandhi's

successors

by Mark Shepard

Simple Productions, 12 East  
15th St, #3, Arcata, California  
95521 USA. \$US20 hardback  
\$US10 paperback

The author travelled to India in 1978 in the quest of Gandhi's legacy. *Gandhi Today* is the result.

The book is clearly and simply written, explaining how Gandhi's philosophy is still having an impact today.

Activists, development workers, peacemakers and others are working on grass roots levels to build a society based on Gandhi's ideals. Accomplishments so far include a Peace Army which fights riots with non-violence, a 'Hug Trees' movement which blocks excessive logging in the Himalayas, a development centre helping 400 poverty-stricken villages, a People's Court that can try cases of murder and government corruption - to name a few.



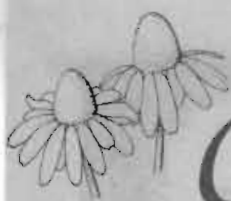
## Addictions

by Jara Krivanek

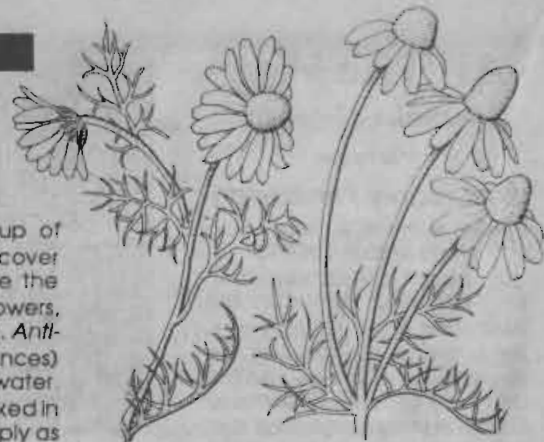
Allen & Unwin, 8 Napier St,  
North Sydney \$14.95

Addictions is about heroin and its users. Tracing heroin use from its beginnings, it looks at its effects on families and subcultures and the experiences of addicts in treatment and those on the streets.

The book makes a point of the startling parallel between a minority's addiction to heroin and the dependence all of us have - in numerous habits in life.



# Chamomile



**Family:** *Compositae* **Varieties:** Roman or English Chamomile (*Anthemus nobilis*), and creeping perennial German Chamomile (*Matricaria chamomilla*)

**Action:** anti-inflammatory, anti-spasmodic (prevents spasms or cramps), calmative (relaxes the stomach, aids digestion and reduces gas), diaphoretic (aids the elimination of toxins from the skin and encourages perspiration), emmenagogue (tonic for the female reproductive system), emollient (softens, soothes and protects the skin), vulnerary (applied externally heals wounds and cuts), extremely rich in calcium.

**Uses:** Drink the tea as a mild sedative (safe for children) for insomnia and stress, reduces wind and indigestion, mouthwash (for gum infections), eyewash, gargle for throat infections, inhaled as a steam it reduces sinus infections, externally applied reduces infection and swelling of wounds.

**Preparation:** *Inhalation* - half of cup of flowers boiled in 2 litres of water, cover your head with a towel and inhale the steam. *Infusion* - 2 teaspoons of flowers, infuse for 5 minutes, drink after meals. *Anti-septic* (skin cleanser) - 50 grams (2 ounces) of flowers to 600 ml (1 pint) of boiling water. *Poultice* - wrap flowers in a cloth soaked in boiling water for 10 minutes then apply as a poultice (for rheumatism, infected wounds, inflammation etc.)

**Description:** flowers have yellow centres with white petals and are daisy-like in shape with short stems. Chamomile blooms all spring and most of summer. However, the plants do not flower until the second year of growth. Chamomile oil is extracted from the flower centres and can be used as a hair and skin conditioner or added to bath water.

**Harvesting:** best picked when there has been no rain for 2 days prior to harvesting. Picking in wet or humid conditions causes

browning of the flowers and destroys the oil content.

**Propagation:** grown from seed or by cuttings. Cuttings should be transplanted approximately 12 inches apart.

**In the Garden:** Diluted Chamomile tea applied to young seedlings prevents "damping off" disease (caused by the *Fusarium* fungus). Can be used as an "activator" for compost heaps (i.e., it accelerates decomposition, since Chamomile is related to Yarrow). Chamomile also "sweetens" the compost heap as it contains large amounts of calcium.

## Safe Pest Removal

**APHIDS:** Remove insects from plant stems and new growth. Spray with Pyrethrum, garlic spray, soapy water. *N.B. Pyrethrum and Derris Dust are relatively harmless (except to FISH); both have low toxicity and are BIODEGRADABLE, decomposing in one day.*

**BEETLE:** Pyrethrum and Derris Dust sprayed directly onto the beetle.

**BORERS:** *Longicorn Borer*, a grey grub, burrows under the tree surface causing bark to lift. Remove loose bark, putty any holes and paint damaged areas with tree paint - a protective bitumen. *Ringbarking Borer* burrows beneath tree bark, gradually ringbarking the tree. It bores a 2 to 3 inch hole in which it hides if disturbed. Inject alcohol into this hole to kill the grub. Putty the hole and paint damaged areas with tree paint.

Preventing Borers:

a) Do not remove leaf mould: the tree obtains nutrients from leaf mould. b) Do not disturb the tree's drainage. c) Do not allow too much soil to build up over tree roots. d) Ensure the tree is well fertilised and not deficient in trace elements.

**CATERPILLARS:** *Cutworm caterpillars* live below the soil by day and eat at night. Remove them by hand. *Looper caterpillars* can be green, brown or grey. Treatment: **DIPEL**, a parasitic bacterium which only attacks caterpillars. Paint the solution onto the stems and leaves. This kills caterpillars in approximately two days. Pyrethrum and Derris dust can also be used.

**BUG** (*Bean, Citrus, Shield, Harlequin, etc.*): Beware brown or black citrus "stink" bugs

as they emit a liquid which can cause severe eye irritation. Spray with Pyrethrum or Derris Dust directly onto the insect.

**CODLING MOTH:** Attacks pears and apples but not stone fruit. During winter remove any loose bark from the base of tree. During summer place a ring of corrugated cardboard around the trunk (this traps the moth larvae). Remove and burn the cardboard during late autumn.

**FRUIT FLY:** Hang "DAK pots", a male-attractant female hormone, in tree branches to trap fruit flies.

**GALL WASP:** Causes woody galls on orange, lemon and grapefruit trees - Remove the galls and burn them before August when the adult wasps emerge.

**LACE BUG:** Sap-sucking insects with large wings which cause mottling of new growth. Spray under leaves with Pyrethrum each week for three weeks. Spray plant vigorously with water as these insects prefer dry conditions.

**LEAF MINER:** Insect burrows beneath the surface of leaves producing "scribbly" markings on surface of leaf. Remove infected leaves and spray twice weekly with Pyrethrum for one month.

**LEAF ROLLER:** A grey or green grub which rolls the leaves of citrus, etc. Remove by hand from UNDERNEATH the leaf as the grub jumps out of the back of the rolled leaf if it is disturbed.

**MEALY BUG:** On perennials and sheltered pot plants. Spray with Soapy water. Ants nurture mealy bugs so remove them by hand.

**NEMATODE** (eelworms): There are up to

two million eelworms per square metre of soil. For every plant type there is a corresponding variety of eelworm. Nematodes feed on bacteria, soil, animals or plants. Parasitic nematodes attack beans, carrots, cabbages, cauliflowers, broccoli, peas and tomatoes. Plant Marigolds (espec. African "Tagetes" variety). Adding Compost or manure to the soil reduces the number of plant-eating nematode varieties.

**RED SPIDER MITE:** Tiny mite-like insects (can be seen with a magnifying glass) found underneath leaves. Attack peas, beans, cucumber and roses. Makes foliage appear dull and yellowish. Some faint webbing may be visible. Since spider mites prefer hot, dry conditions spray under foliage with soapy or fresh water regularly (a mixture of Pyrethrum and Derris Dust can also be used).

**SCALE:** Small hemispherical animal growths adhering to plant stems and along the veins of leaves, sucking nutrients. Remove from the plant with a soapy cloth. Spray with white oil in December to January when the immature scale are vulnerable.

**WHITE FLY:** Small, white flying insects causing mottling of leaves. Their white or green eggs are found on the stem and underneath leaves. If the eggs are black they have been parasitised by a small wasp so do not remove them. Basil repels white fly for up to three feet.

- Brian Spears

Nexus: *noun* . 1. Connection. 2. The combined size of the House of Representatives and the Senate.

Another year, another party: the brightest summer our eyes have seen. But let's not be blinded by the snow jobs which surround us. If anyone tells you it's the end of the world, ask them for their wallet as they obviously won't need it.

Thanks for reading us. If you like us, subscribe - or show NEXUS to a friend.

We're all encouraged by the positive changes in the heart and mind of humankind which are transforming our world - don't be discouraged by hostility and lack of common sense and direction.

NEXUS observes how turbulent times bring out the best and worst in people. Many people are working to make positive changes by living out solutions to planetary problems in their own lives. On the other hand we have gifted people programming the collective consciousness for disasters of all types. While this is often done to 'warn people for their own good' it can simply appeal to de-evolutionary fears which keep all species on their toes. A plea to the seers and prophets of doom - don't throw out the baby with the bathwater! When you foresee a 'tidal wave' it may be Gaia's own vision of a slow sea level rise - sped up by human perception.

On our desk are prophecies which predict disasters for 1988. To the media-wise, this is not unusual. We'll print them if they happen!

Democracy is pluralism of beliefs. But we need to maintain our critical faculties when confronted with mushrooming belief systems which adapt ancient teachings to the 21st century. Questioning beliefs can give one the reputation of 'cynic', yet is this capacity to question that has brought us the gift of the gods - awareness.

It's true we create our own reality, but this credo is currently being twisted by some sectors of our new society, who apparently prefer a reality where no-one helps anyone less fortunate than themselves because deprived people 'choose to be that way'. The basis of most world religions is faith, hope and charity.

Sweet dreamtime and wake refreshed. - Collective Conscience

## GRAPEVINE Letters

### EARTH LINK 88

EARTH LINK 88 is a global synchronized meditation similar to last year's Harmonic Convergence. On February 13th, between 12 midnight and 1 a.m. G.M.T. (11 a.m.-12 noon Sydney time) people will gather at Sacred Sites throughout the world to send their love and prayers of peace to Uluru (Ayers Rock) in Central Australia. Uluru is regarded as the world solar plexus in esoteric circles and February 13th, when Saturn and Uranus connect with the Galactic centre in 29° Sagittarius, is seen as a moment of renewal for life upon the planet.

IN SYDNEY there will be a gathering at Cooper Park in Bellevue Hill at 10 am continuing into the night with music, Hopi dancing, meditation and ritual. For more details phone (02)328-6287. There will be gatherings at Mt. Warning, Belltrees, Byron Lighthouse and Nimbin Rocks, etc. If you're interested please phone the Earth Link office on (066) 558-514.

EARTH LINK PREVIEW - February 10th, 7.30 p.m. at the Thomas Mann Theatre, 136 Chalmers St, Surry Hills. Speakers will include Vincent Selleck of the Shekinah Foundation, Guboo Ted Thomas, (Elder of the Yulu people) & Katie Marks, American shaman/healer. Further information is available in the Earth Link 88 booklet - see WordsWorth (Book Reviews).

### Government Kibbutz?

In northern NSW lies a Government Supported Multiple Occupancy Pilot Project, unaffectionately known as Ponda Longa by its inhabitants (as they mostly ponder and wait). After two years of hard unpaid work by the Rural Resettlement Task Force and the co-operation of the NSW Dept of Housing, an agreement to provide financial assistance

from government housing loans for the settlement of a multiple occupancy (M.O.) on an 86 hectare property was made. The original plan was to enable people on low incomes to form a co-operative and to obtain a share of an M.O. - which would normally be out of reach for them - and to live in a natural environment.

The community was set up to manage its own affairs with assistance of a co-ordinator elected by the R.R.T.F., who had to comply to certain academic criteria set down by the Housing Dept. Giving such power to one individual poses an inherent threat to democracy in group decisions - for example, one project was to build a new community centre. The original farmhouse, almost fit for demolition, is also on the property. A vote was taken to renovate or build a new centre from fresh materials. The majority voted for the new centre, but after being allowed to deliberate for hours, our coordinator informed us that the Housing Dept. would only allow funds for renovation - showing people that information was withheld from them, that they didn't really have much decision-making power and that the government would only allow property improvement that would increase the value of the land in the event of 'pulling the pin' and reselling.

Another condition accepted by the people was that 14 households had to be established before they could begin a 3 month 'live-together' period before self-selection of the co-op could begin. 14 families were formed and at

the end of 3 months waited for the procedure to start. Eventually, the coordinator told the people that he knew all along that the government wouldn't allow the trial period to begin until 28 households were on the land. The co-ordinator's excuse was that people wouldn't 'stick it out' if they knew the truth - that it would take up to a year before the trial period would start!

Mysteriously, no more people turned up for this much-publicised project, even though many letters arrived from prospective participants. Eventually we learned that the 'guru' had told people to stay away because the place hadn't been made 'comfortable' enough as yet by the presently enduring families - who've worked hard through flood conditions to rainless skies, no clean water, almost non-existent washing facilities, heat, humidity and general filth; pregnant and sick women and children living in tents and caravans and babies born in the milking shed.

Three marital relationships have broken up and at least two more are heading that way due to living pressures. The co-ordinator's wife is living in the relative comfort of a fully-equipped touring coach and says that it's all in the name of sorting out the people with the "right stuff"! These people are eventually to be in houses, so seeing who can win a 'camping in filth competition' is totally irrelevant.

More problems are brought about by internal politics. People must remain in a confined 'camping' area. When loans are approved people

are to make a dash to building sites which they may find far from ideal because they couldn't 'feel it out'. Old conditioning and new age ideals don't always mix; a split developed between meat-eaters and vegetarians which almost broke the community in two.

'Concensus' meetings have become tribal meetings where people bow down to a few patriarchs who influence decisions and run a 'kangaroo court' based on gullit trips. Instead of people becoming self-sufficient they are coerced into non-productive work that improves the property value for resale. People hide in corners rather than speak up and be out of line.

Recently, a couple in their late '60s who sold all their possessions to participate were expelled from the community simply because people weren't willing to help them with tasks and they were too 'old' to have a valid opinion at meetings. Other people have been ejected because they dare ask what they are getting from the co-ordinator and the Housing Dept or because they simply don't agree with the coordinator. He is supposed to be working for the people, not vice-versa.

Will the people continue to be kept in the dark? Is it just another way for the government to keep control of the people? Will they be allowed to become self-sufficient? Where do the priorities lie?

- The Mole

### Errata

We apologise for the misleading heading in Issue three's 'People in Glass Houses' article in which 'Half a Metre Already' should have read 'Five Centimetres Already'