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Memory Stimulators.

1972 - HIGHLIGHTS:

Movies: Cabaret, The Godfather, Winter Soldier, The Candidate; Frenzy; Snoopy Come Home; Deliverance; Last of the Red Hot Lovers; The Candidate; Last Tango in Paris; The Getaway; The Groundstar Conspiracy; Pete and Tillie; The New Centurions; The Wrath of God; The Life and Times of Judge Roy Bean; Chato's Land; Deadly Harvest; Fuzz; 1776; Kansas City Bomber; The Rowdyman; Shaft's Big Score; The Cowboys; Cabaret; The Horror at 37,000 Feet

General News:

Consumer Price Index: 125.3

1,972 A.D.

By this year, Titanium applications are beginning to expand beyond the military and aerospace fields where increasing utilization of it has been employed in the making of armoured tanks, bulletproof vests, supersonic aircraft, missiles, rockets, satellites, submarines, and bullets.

Increasingly, titanium dioxide is being considered as a white pigmenting ingredient in paints to replace lead which is now considered a toxic hazard, particularly to children when old or weathered paint is scaling away from the painted surface. The properties of the titanium dioxide which are found favourable to such an application include its chemical inertness, superior covering ability, opacity to damaging ultraviolet light, permanence, nonpoisonous nature, ease of mixing with oil, lightness, and, self-cleaning ability. This latter aspect is not well understood at this time, nor would it be for at least another 10 years.

Examples of other applications for the whitening ability of the titanium dioxide include its use as a filler in papers, a colouring agent for rubber and leather products, a pigment in ink, enamels, glazes, linoleum, rayon, plastics, white rubber, shoe cremes, face powder, and

a component of ceramics. It would find important use in porcelain enamels, giving a finish coat of great brilliance, hardness, and acid resistance.

The alloy ferrotitanium becomes very useful in the steel industry, both as a deoxidizer and in the making of alloy steels. Besides increasing the resistance of the alloy to shock, it also increases the compound's corrosion resistance. The strong reducing (combining/attracting) power of the Titanium ion makes this metal more reactive with a great many other substances, including copper and bronze, than other metals tend to be. Yet once combined with another element, the resulting compound is often more cohesive than many others. This presents the development of a wider element-based series of compounds with apparent inertness.

A number of commercial applications were and would be derived from titanium's highly reactive nature giving it a high degree of corrosion resistance. It has the ability to form, upon exposure to the Earth's atmosphere, a tight, tenacious oxide film that is resistant to chloride environments and oxidizing acids - which are highly corrosive to other metals. Application would be found in the acid-leaching processes used in the production of copper and nickel. Chemical processing equipment, dimensionally stable anodes for the production of chlorine, and, increasingly, tubing for nuclear and hydro electrical generating plant surface condensers and heat exchangers used in oil refineries, desalination plants, and pollution control devices - also were becoming applications from this time on.

As the uses for titanium to support applications relative to major war (Cold War and Vietnam) efforts (aerospace, missiles, supersonic aircraft) diminished, uses would be found in the commercial sector which would enable higher efficiencies in production and higher quality in products. Rather than strength and lightness of weight, the primary capacities of interest would now tend to be its de-oxidization properties, its ability to make strong bonds with other elements, and the inertness of some titanium compounds. Consumption would continue to increase.

1,972 A.D.

During the year, Dr. J.A. Kopp of Ebikon, Switzerland, reported that a German engineer had himself carried horizontally on a stretcher over a dowsing zone in an effort to determine if some particular area of the body responded to dowsing signals more than another. As his head passed the dowsing zone, the rod was undisturbed; when his solar plexus was above the same zone, the dowsing rod immediately reacted. Kopp had for years used dowsing techniques to locate geopathic zones that seemed to relate to high incidences of cancer and other chronic diseases. This experiment confirmed the findings of Harvalik, as noted in 1970.

It is known that plants respond to the same energy radiations or signals that a dowser detects. Certain plant formations are known to occur in various parts of the world over geopathic energy points which may indicate the presence of underground watercourses at differing depths crossing each other. Some plants respond favourably to such small regions, seeming to grow abundantly in place of the dominant surrounding vegetation. If an advanced intelligent being came to the Earth with a plant-like biology, it is likely that it would be aware of such signals and could use them as travel beacons, homing indicators, and bad or good energy stations.

1,972 A.D.

During February, a Hotel II Class Soviet Submarine caught on fire 700 nautical miles (1,300 km) northeast of Newfoundland. Like others of the class, it was nuclear-propelled and carried 8 nuclear ballistic missiles. A major surface force, including the helicopter carrier Leningrad , was dispatched to assist the submarine as it was towed back to its base.

1,972 A.D.

On February 10, USA Presidential Executive Order 11647 was signed by President Nixon. It placed into effect the regional and local mechanisms and manpower for carrying out the provisions of E.O. 11490 (October 28, 1969). To take effect on presidential declaration of a state of national emergency, ten Federal Regional Councils would take over the control of all activities within each of Ten Federal Regions. These regions were defined as:

1. Connecticut, Massachusetts, New Hampshire, Rhode Island, Vermont;
2. New York, New Jersey, Puerto Rico, Virgin Islands;
3. Delaware, Maryland, Pennsylvania, Virginia, West Virginia, D.C.;
4. Alabama, Fla, Georgia, Kentucky, Miss., N. Carolina, Tennessee;
5. Illinois, Indiana, Michigan, Minnesota, Ohio, Wisconsin;
6. Arkansas, Louisiana, New Mexico, Oklahoma, Texas;
7. Iowa, Kansas, Missouri, Nebraska;
8. Colorado, Montana, North and South Dakota, Utah, Wyoming;
9. Arizona, California, Hawaii, Nevada;
10. Alaska, Oregon, Washington, Idaho.

Each region is to be subdivided into subregions such that control is placed over every community.

1,972 A.D.

On February 14, Luna 20, a Soviet Union lunar satellite was launched from Tyuratam and after a safe landing in a mountainous isthmus dotted with large craters south of the Sea of Crises and on the extreme northeast of the Sea of Fertility, a drill sample of soil is taken. Part of the sample is soil/sand and the remainder is rock.

On return to Earth, the capsule is recovered with some difficulty on an island in the River Karakingir, 40 km northwest of Dzhezkazgan in Kazakhstan after landing in a blizzard on February 25.

1,972 A.D.

Pierre Paul Sauvin: electronics specialist in aerospace, with A.T.&T., investigator of ESP and remote hypnotism, remote controlled aircraft models, from West Patterson, New Jersey, U.S.A. ; has written frequently under pseudonyms.

Established that a human could communicate with a plant on an emotional basis. Best results came from plants with which a special mental rapport was made. A cluster of cells can change polarity; that can change the electrical potential of the whole (voltage).

Plants exhibit a quality of awareness and an empathy for other organisms in their presence. Personal emotional memories could influence plants over 80 miles away.

Plant reactions to thoughts about harming them, or pain, distress, sexual orgasms or death of cells of a significant human were sharp; to joy and pleasure they were more gradual and less able to "trigger" remote devices. These results can be tied to Sentic research. Individual plants may respond to local incidents of differing nature involving different lifeforms.

The simplest signal that could be transmitted extrasensorily and effect a sharp response was from an electric shock; remembering or re-feeling the shock would later be sufficient to activate the response. The death of living human cells provided the strongest plant reaction. Plants which receive too much stimuli have a tendency to "faint" under such excess stress, similar to animals expressing exhaustion, shock, confusion.

Plants could be/have been connected to technological switches which opened garage doors, detected anxious people, exploded a weapon. His Device 13 he desires to remain secret because he does not want the Department of Defense to develop it into a foolproof thought-controlled guided missile. The proposition remains: if he could design such a weapon, so could other persons.

The sensitivity of plants to lifeform distress at a distance may explain how highly spiritual spacebeings located as far away as Andromeda galaxy can sense massive biological shock elsewhere, as on the Earth, as an example. Thought-controlled detonation of explosives will be used in a conflict on the Earth in 1996. They will represent a human-GRAY hybrid developed technology which the BLONDS and REDs oppose.

1,972 A.D.

On March 11, "The American Business Community in the Philippines has greeted with relief the ... declaration of martial law." This was the report of The New York Times . One telegram to President Marcos read: "The American Chamber of Commerce of the Philippines wishes you every success in your endeavours to restore peace and order, business confidence, economic growth, and the well-being of the Filipino people and nation." A USA State Department official commented that American corporations were "very bullish" on martial law.

The 1946 Parity Amendment would expire on July 3, 1974, by which time American owners would have to be reduced to 40%. Marcos was able to give assurances to USA President Nixon, his aide Henry Kissinger and Ambassador Byroade that "We'll pass the laws you need - just tell us what you want." Manipulation through a Supreme Court packed with Marcos appointees was easy. Marcos would not change the court decision, he would simply selectively apply it, beneficially to the Americans as long as they supported him, and, beneficially to American individuals as long as they paid him bribes, kickbacks or shared their company with him.

With 35,000 USA servicemen on the islands, American bankers managed a tenth of Manila's \$2.1 billion national debt, \$74 million in emergency relief, \$75 million in aid, and upwards of \$2 billion in USA investments. Marcoses manipulation of the media and his control over the military and the police meant he could tell half lies to the American people and they would love him for it. There wasn't any crime in the Philippines, except what he controlled.

There weren't any insurgents in the Philippines, except those he staged. There wasn't any civil opposition; it was being tortured away by his American-trained officers in his jails. The American leadership knew the truth, but they had to deceive their citizens themselves: they NEEDED a war to keep the economy spinning - and you couldn't have a war unless an "impartial" party near the action justified your involvement by stroking your ego.

Bankers appreciate stability and discipline - martial law was a plus. Bankers and entrepreneurs appreciated the PROGRESS LEGEND: where autocratic, disparate class agriculturally-based society grows into a "progressive", middle-class, industry and technology-based economy with considerable individual freedom. It was the intellectual

romanticism of the employer who looks out over his mechanical marvels and architectural nuances with reverence while failing to see the slaves toiling in the shadows, dependent lifelong to pay taxes, rentals, loan repayments, clothing and food expenses - while the primitive grows and harvests freely what is needed and fashions what to wear - until demand outstrips supply.

The New Society of the Marcos Philippines inspired the practical rationalist thinker, Robert McNamara, then head of the World Bank and the International Monetary Fund (IMF) to secretly classify the Philippines as a "country of concentration." That meant that it could receive higher amounts of aid than would be approved on the average for countries of similar size and income.

1,972 A.D.

In the April 10 issue of Time, Life Without the Tube profiled TV addiction withdrawal symptoms. According to the Society for Rational Psychology in Munich, Germany, reducing TV viewing suddenly can lead to moodiness, child spanking, wife beating, extramarital affairs and, at home, decreased interest in sex along with fewer orgasms. ... What drove (the addicts) back to the tube was mounting tension at work, at home and in bed. Quarrelling and physical aggression increased. ...

With the TV on again, aggression decreased and sexual habits went back to normal ... cautions Psychologist Henner Ertel .. the tube might well foster tension and dull sensuality in those who are unaccustomed to it. But among devotees, it may mask conflicts and even provide a last link between otherwise estranged couples. "With people who watch regularly, many behaviour patterns become so closely related to TV that they are negatively influenced if one takes the set away. The problem is that of addiction."

Warned of from the beginning, advertisement supported television programs and a lack of cultural leadership in the prudent and constructive use of this new technology would lead a dependent educated citizen down the lazy path of self-indulgence excluding the opportunity to develop interpersonal skills and to maintain open, honest, humble communication as a basis for relationships.

Such inefficiencies in communication prevent the individual from becoming able to cope with the individualities and needs of others by acting as a constant distraction which tends to reduce and amalgamate the sensibilities of the individuals viewing to the common denominator of TV programming. What would happen to such a culture if the principle of electricity failed or if the major sources were interrupted?

1,972 A.D.

Between April 16 to 27, Apollo 16 landed on the Moon with astronauts Young and Duke conducting the experiments on the surface, while Mattingly orbited the Moon, awaiting their return.

Their photo #67-H-1135 showing the path of some form of belted vehicle, and #16-19067 traversing over 30 miles.

Their Hasselblad photo #16-19081 shows 2 dome-like structures and a an oblong object near 2 craters.

Photo #16-19229 of the King Crater area shows a number of large domes.

Photo #16-758 shows patches of fog and clouds near the Lobachavsky crater area.

Photos AS-16-121-19438 shows a large symbol 1000 feet in size on the inner wall of a crater near the Sea of Tranquillity.

Photo #16-19265 shows 10 objects, neatly 'parked' in rows, beside a special cut crater.

Photo #16-19386 shows a large Latin cross symbol drawn on the surface. Another large cross symbol is shown in photo #16-19228 in the King Crater area.

Photos #16-19238 and 16-18923 show a cigar-shaped aerial objects flying over the lunar surface and sitting on it.

Photo #16-19386 shows a white long object sticking out of a crater.

Photo #16-18918 shows an oval UFO entering or leaving a large crater.

Photo #16-18918 also shows some form of construction within a crater and photo # 16-19386 also shows some form of tube or pipe which leads up from a lower crater to a smaller one above.

Photo #16-19376 similarly shows a pipe between two craters.

Photo #16-19386, two objects or constructions are shown inside a crater in the same picture.

Photo #16-18923 shows artificial platforms on the Moon's hidden side.

Photo #16-18918 shows constructions on the lunar surface which resemble large tanks or towers.

1,972 A.D.

The Space Shuttle becomes the new long-term American space focus following the cancellation of the Apollo program and further flights to the Moon. NASA promotes the shuttle as a reusable space vehicle intended to reduce energy and material use while making possible lower satellite launch costs. At a rate of 50 flights per year, it is rationalized as economical. NASA estimates the average unit launch cost at \$14 million. This would provide a cargo-to-orbit cost of only \$300/pound.

When it did become operational, 4 shuttles would be built: Columbia, Discovery, Atlantis, and Challenger.

By mid-1994, fewer than 65 shuttle flights would have been flown and NASA's new estimate of per flight cost would increase to \$500 million making the delivery cost per pound of cargo \$10,000. In actual fact, the General Accounting Office would flatly deny NASA's estimate and state that the true per flight cost was closer to \$900,000.

The Soviet Union would develop its own shuttle.

After several flights it would be taken out of service as impractical. Proton and other huge Soviet rockets were simpler and more proven technologies. Why fix something that works?

1,972 A.D.

During the year, a tunnel boring machine (TBM) was manufactured by "Lovat Tunnel Equipment Inc."

In 1994, the company and its machines would receive newspaper coverage in Canadian newspapers. The company would be billed as the only North American company producing such machines, in competition with 1 company in England and 3 in Japan. Units in 1994 were selling for \$6 to \$8 million dollars (Canadian). 138 machines had been built over the 22 years; some were used for extensions of subway systems in Paris, Moscow, Caracas, Ankara and Madrid. Richard Lovat immigrated to Canada in 1952 from Belluno, Italy. Starting developing TBMs in 1970 with a staff of 12 putting together 1 or 2 machines a year, the company now has 180 people building a TBM monthly in Etobicoke, Ontario, Canada.

With computerized controls, the operator remains at the control panel and controls the tunnel boring machine (TBM) much like flying an aircraft. The shield section at the

beginning of the TBM is a high-tech control centre 20 feet in diameter by 25 feet long. At about 500 tons, it weighs more than a 747 aircraft and its driving motors generate 2,500 horsepower. When the trailing equipment is attached, the length increases to 230 feet.

The face of the TBM must be pressurized but not the rest.

If repairs are necessary to the cutting face parts, there is an airlock which allows someone to go forward and do the maintenance. Tunnels are usually lined by ready-made concrete wall segments, which are fixed in place by the machine's erector arm. Operators reset thrust cylinders at the rear of the machine to exert forward pressure. A screw conveyor transports the mined material to a conveyor belt which empties into muck cars which travel out of the tunnel on tracks.

Construction of tunnels to connect secret underground facilities located beneath AEC research and manufacturing sites, military bases, Indian reservations and parklands was begun in 1966. Tunnel-boring machines were quickly developed or obtained from private sources as less labour intensive, faster, less costly and less attention raising than labour intensive methods. Some of the above noted units may have been used for such work.

1,972 A.D.

On May 7, William Goodlett from Salem, Virginia, U.S.A., experienced the following:

(113)

... I was quite old and thin, but not feeble.

About seven feet tall, I had a long beard and long gray hair, and was dressed in a heavy, belted robe. Over this I wore a shawl or cape with long fringe, and I carried a tall staff. With me was a young girl of about 18, with a clear complexion and long, wavy, dark hair, dressed in a long frock, embroidered with bands of colour around the neckline, hem, and edges of the long, loose sleeves. We were accompanied by a young man who was heavily built, with wide shoulders and long wavy hair, who was clad in a knee-length dress with wide borders of embroidery, a dark brown in colour, with blue and yellow accents.

We were walking down a trail of sandy gravel about 20 feet wide, through a forest of what seemed like oak trees, except that each of them was two or three times bigger around than the giant sequoias that I have seen (in western U.S.A.). They were spaced quite far apart and seemed to reach several hundred feet in the air. The trail led between two hills, and on the left one was a large barn, several outbuildings, and a large house with sagging roof and

walls fallen into decay, although the barn seemed to be in good condition. There was no underbrush in the forest, just brown dried grasses, and near the house was a light on a tall post that flickered like a gaslight ... the road appeared to be paved with loose crushed slate.

Coming up the hill from the left were several huge wagons whose wheels were ten feet high and made of solid wood. They were pulled by animals as large as elephants that looked like pigs with dog's faces. There were six or eight in teams pulling the wagons, and they seemed to be enjoying the work. ... it was an overcast day, but not dark, and the area smelled like lemons. I remember feeling amazed at the size of the wagons, although the huge animals seemed familiar; ... It seemed that a catastrophe had occurred to destroy many people and places, and that the young people and I had trudged many miles through the forest just to see the wagons pass by.

He alleged that the experience took place on another planet.

1,972 A.D.

By May, the Snake, or Currency Band of currency pricing had been adopted by the European Economic Community (France, Italy, Luxembourg, the Netherlands, West Germany, Great Britain, Ireland and Denmark). As a follow-up to the Smithsonian agreement, it was being discovered that if exchange rates were allowed to fluctuate completely freely, some currencies would risk severe devaluation and the market would generally become anarchistic. If one currency devalued relative to a second and the second devalued relative to a third - the possibility existed that the first could also devalue relative to the third currency. This ripple and echo effect could produce a rip current which would pull the value of all currencies further and further down.

To remedy the situation, the above countries decided that the currency of each would be allowed to fluctuate up and down within certain limits, called a currency band. When one nation's currency repriced relative to an external currency, the exchange rates of all currencies in the "snake" moved accordingly. Within, the snake generally follows the West German Deutschmark, the strongest currency at the time.

1,972 A.D.

On May 2, J. Edgar Hoover, director of the USA FBI, was found dead by his close and long-time associate, Clyde Tolson. During his 48 years with the Bureau, Hoover had become the most widely feared and hated man in America: the Beria of the USA. The political system had much better benefited Hoover than the Stalinist dictatorship of the USSR had benefited Beria. Short-term elected presidents in the USA had been no match

for the powerful bureaucracy which Hoover had built. Hoover had authorized the agency to spend a great amount of its investigation time and resources building files containing information of movie stars, scientists, media professionals, politicians, political activists, and, known and suspected criminals.

Hoover was adept at using information which was truly compromising of the image or integrity of a person as well as the manipulation of innocent actions and occurrences into suggestive disinformation: he proved repeatedly that he had both the power and the ambition to control presidents. John F. Kennedy had proved to be one of the few whom he had the most dirt on, hated, yet could not expose without an apparent surrender of his patriotism. He had helped make Nixon powerful, and to avoid Nixon's dismissal of him in 1969, he had blackmailed Nixon. The main concern of Nixon on the death of Hoover was the location of the files which Hoover had kept against him.

Immediately, Nixon ordered the records in Hoover's office to be safeguarded and sealed until the next director was appointed. In the interim, his secretary packed many of the files into boxes and removed them. The paranoia which Hoover had instilled in the public through the media during much of his career had seeped into Hoover's soul. He died without heirs. He was quickly buried in a 1000 pound coffin intended to protect his body from nuclear war or terrorist attack. He would be remembered in a further two decades as the "longest tenured lawbreaker in the government" of the USA.

1,972 A.D.

During May, The Interim Agreement on the Limitation of Strategic Offensive Arms was signed by the USSR and the USA. The United States believed that the Soviets had 25 operational Yankee class nuclear-propelled, ballistic missile armed submarines with at least another 17 Yankee and Delta Class submarines in various stages of construction - a force of 42 modern missile armed submarines that would be completed by the end of 1973. The USSR declared that it had 62 submarines completed and under construction, which would carry 950 missiles. The USA had 41 Polaris-Poseidon submarines carrying 656 missiles, with none under construction.

The negotiators agreed that the USA would be limited to a maximum force of 44 SSBNs (a number never reached) and the USSR to 62 submarines with 950 missiles. For the Soviets to reach their target they were going to have to dismantle 240 of their older, land-based intercontinental missiles.

1,972 A.D.

During June, a Conference on the Human Environment, sponsored by the United Nations in Stockholm, Sweden, took place.

1,972 A.D.

On June 17, the Watergate Scandal began in the U.S.A. James McCord, a former CIA agent and director of the security for the Committee to Reelect the President (CREEP), and four other men were arrested for breaking into the offices of the Democratic National Committee located in the Watergate Apartment Complex in Washington, D.C. Four Cuban-Americans had been recruited by E. Howard Hunt through his contacts with the Cuban exile community in Miami. He had retired from the CIA in 1970.

Hunt had begun to work for the White House in 1971 and was one of those who started Nixon's "plumbers" unit, which conducted secret (and illegal) break-ins and political espionage operations against their own citizens. All of the participants were sent to jail in September without having implicated any leaders of the Republican party. In March, 1973, McCord notified the judge that his illegal mission had been planned in the White House.

1,972 A.D.

By July, A. Merkulov, a U.S.S.R. engineer, noted that scientists at the state university in Alma Ata, capital of the Soviet Kazakh Republic, and a major apple growing region, had found that plants repeatedly reacted to their owners' illness and to their emotional states.

Noting that plants had long ago been shown to have "short-term memory", Merkulov said that this fact had been conformed by the Kazakh scientists. Beans, potatoes, wheat, and crowfoot after proper "instruction" seemed to have the capability of remembering the frequency of flashes from a xenon-hydrogen lamp. The plants repeated the pulsations with "exceptional accuracy", and since crowfoot was able to repeat a given frequency after a pause as long as 18 hours, it was possible to speak of "long-term" memory in plants.

The Kazakh scientists conditioned a philodendron to recognize when a piece of mineralized rock was put beside it and to differentiate between it and a barren rock. This was done with Pavlovian reward-punishment techniques. Control of the growth of plant ranging from monocellular seaweed to that of higher plants was also being worked on. Merkulov suggested that this control might be possible over great distances.

The overall goal of the scientists was to "understand" plants such that "man may create automatic contrivances which themselves will watch over fields in such a way that, at any

given moment, they can satisfy the every need of crops. The day is not far away when scientists will also work out a theory on the adaptation and resistance of plants to unpleasant conditions in their environment which will encompass how they react to irritants, and to stimulators and herbicides as well."

What was typically forgotten in many of these kinds of studies and projections by the academic experimenters that proposed them is that on the earth, climate is not finely controllable by humans. As the century would progress, the ability of humanity to analyze and observe weather phenomenon would become more sophisticated; the impact of typhoons, hurricanes, droughts and floods would become more devastating. The only practical locations where such optimum regulation of environment could be hoped to happen would be in massive greenhouses and in space stations.

The first Moon base had been constructed in 1953/54.

The Archimedes Base was constructed on the Moon in 1963.

The first Mars base was constructed in 1964/65.

Long-term success of Alternative 3 depended on the ability of stations to amply produce all the foodstuffs they needed for survival. Eventually, the Earth would become an unacceptable source. If the top scientists did not question this or realize this it was because they were academically naive or only interested in the performance of their day-to-day tasks and in anticipation of attention, acceptance and award for findings not yet discovered and achievements not yet made.

1,972 A.D.

During the summer, the M/V Karagatan incident was manufactured by Ferdinand Marcos with the intent of marshalling international support for increased curtailment of civil rights. He had been leading up to it with a series of explosions in Manila, Known by the CIA to have been carried out by Ver's paramilitary unit, "The Monkees".

President Marcos' new defense minister and personal lawyer Juan Ponce Enrile, blamed "subversives" and the Constabulary stated that it had a copy of a "blueprint for revolution" by the Communist Party. Now, a fishing trawler, the Karagatan ran aground off the northeast coast of Luzon. It was boarded by the military who only found some food supplies; the crew had vanished. Ferdinand proclaimed that the trawler had been running guns to the Communists and sent troops to scour the jungles and planes to strafe the hilltops. Next, according to the Palace, the trawler had on board 3,500 M-15 rifles, 30 rocket launchers, and 160,000 rounds of ammunition. Then the Palace stated that the vessel was "foreign" and had sailed on its sinister mission from Japan.

A guerilla force known as the New People's Army (NPA), modeled on Maoist doctrine and numbered previously at 100 was known to exist nearby. A few days after the Karagatan incident began, their numbers were suddenly 200 NPA regulars and 800 part-time guerillas.

Journalists confirmed that the gunrunning story was a sham.

The real owner of the trawler was the Karagatan Fishing Corporation with offices in Manila. Before running aground, the trawler had been involved in some cigarette smuggling for an Ilocano syndicate and had docked at Fuga Island, amongst other stops, - where the Marcoses frequently vacationed. Senator Aquino disclosed that President Marcos had secretly purchased 3000 guns from Eastern Europe with the apparent intention of planting them where they could be discovered by the Constabulary as NPA "caches".

A year later, the CIA reported that the NPA presented no threat and had received no foreign assistance. Ferdinand needed a ploy to justify his declaring martial law. Good journalism and honest senators were defusing his smoke bombs.

1,972 A.D.

Published in July, Dr. Robert N. Miller, an industrial research scientist and former professor of chemical engineering at Georgia Tech, released the results of experiments he had begun in 1967 with Ambrose and Olga Worrall. Their feats of healing had become celebrated in the U.S.A..

Using an extremely accurate method of measuring plant growth rates developed by Dr. H.H. Kleuter of the United States Department of Agriculture, with accuracies up to one thousandth of an inch per hour, Miller working in Atlanta, Georgia, asked the Worralls to direct their thoughts at rye seedlings from Baltimore, some 600 miles away.

Whereas the growth rate of a new blade of rye grass had been observed by Miller to stabilize at 0.00625 inch per hour, after he asked the Worralls to think of the seedling at exactly 9 P.M., the trace on a graph indicating growth rate began immediately to deviate upward and by 8 A.M. the following morning the grass was growing at a rate 84% faster. Instead of growing the expected 1/16 inch in the interval, the seedling had sprouted more than 1/2 inch. Miller reported that the dramatic results of his experiment suggest that the sensitive experimental technique could be used to measure accurately the effect of mind over matter.

This experiment demonstrated the health enhancing, and potentially health destroying,

influence of the spiritual mood emanating from lifeforms directed at other lifeforms, particularly plants. It also demonstrates that such energies or communication can occur over great distances. How might this relate to the abilities of a higher form of intelligent being whose biology is similar to that of plants?

1,972 A.D.

The summer ice does not melt this year at Baffin Island, northern Canada, for the first time in recorded human history. With a 2 degree centigrade drop in temperatures over the previous 30 years, climatologists suggest that a new ice age could happen within 200 years.

1,972 A.D.

By July, the first of the Soviet Alfa Class Submarines went into service. Up to 1980, the USA would commend it for having most impressive technology allowing it to travel faster (up to 40+ knots) and dive deeper (beyond the range of USA anti-submarine torpedoes) than any other submarine in the world. While relatively noisy at high speed, it was very quiet at slower speeds.

1,972 A.D.

On August 10, an Asteroid the size of a large railway locomotive is observed to pass over western North America from Utah north over western Canada and "disappear." This is airspace which the NORAD ballistic missile radar defenses should have been able to track. Why would the military conceal the landing site of a meteor?

1,972 A.D.

By September, Vladimir Soloukhin, a writer from the northern U.S.S.R., wrote several articles in four issues of the popular Science and Life (Nauka i Zhizn) magazine. Disappointed with the response of the public and administration to recent publication of information on the thinking-feeling capacities of plants, he wrote:

"Human observation is so precise that we begin to notice the very air we breathe only

when it is insufficient for our needs. More exactly, I should say "value" rather than "notice". We do not really value air, or even think about it, so long as we breathe normally, without difficulty."

He added that, though man prides himself on his vast array of knowledge, he is like a radio technician who knows how to repair a receiver without understanding the theoretical essence of radio waves, or like our caveman ancestors who put fire to use while unaware of the process of rapid oxidation. Even today we squander heat and light yet have not the slightest clue to, or interest in, their original essence. Man is equally callous about the fact that the land around him is green.

"We trample grasses into the dirt, we strip the land with bulldozers and caterpillar treads, we cover it with concrete and hot asphalt. Disposing of wastes from our infernal industrial machines we dump upon it crude oil, rubbish, acids, alkalis, and other poisons. But is there that much grass? I, for one, can imagine man in a boundless, grassless wilderness, the product of a cosmic, or perhaps humanly non-cosmic, catastrophe."

Soloukhin is unremittingly denouncing unecologically minded industrialists in his country, who are turning the rivers and lakes into cesspools, and despoiling its forests, all in the name of increased production. Seeking to re- evoke wonder for nature in the hearts of an overurbanized Soviet youth, Soloukhin tells the story of a prisoner who, incarcerated in a dank cell, finds among the pages of an old book, given him by a kindly jailer, a tiny seed smaller than a pinhead. Overcome with emotion at the first visible sign of real life he has seen for years, the prisoner imagines that the microscopic seed is all that remains from the former luxuriant and festive plant kingdom in the great world outside the prison. Planting the seed in a bit of earth in the sole corner of the cell afforded a ray of sunlight, and watering it with his tears, the prisoner waits for a wonder to unfold.

Soloukhin accepts this wonder as a true miracle ignored by man only because it is repeated thousands of billions of times daily. Even if all the world's chemical and physical laboratories with their complex reagents, precise analyzers, and electronic microscopes were placed at the prisoner's disposal, he continues, even if the prisoner studied the seed's every cell, atom, and atomic nucleus, he still would not be able to read the mysterious program lying within the seed, to lift the impenetrable veil which could cause it to transform itself into a juicy carrot, a branch of sweet-scented dill, or a radiant-coloured aster.

The views expressed by Soloukhin are also those held by involved in Alternative 3 by virtue of idealism and realism. Such participants are reinforced every day by new examples of how humanity is destroying the ecology of the earth and how little politicians, industrialists and the general public are aware, care, or committed to change. They view, and are historically supported, the future of humanity as bleak by virtue of the pressures of expanding population and the inertia and permanence of human institutions be they religious, social, or governmental. Supporters of Alternative 3 are intensely individualistic, professional, and scientifically aware of the latest developments and theories being discovered. They are proud of these characteristics. They hold no respect for the "childishness" and self-centredness displayed by people in general and politicians in particular.

Their faith rests only in their own self-enlightened perspectives and the power and facilities which they can marshal from and at the expense of the major institutions. They justify their actions with the moral imperative that if they did not take their admittedly elitist actions to preserve the future of themselves and a small part of humanity, there would be no future for themselves, as individuals, or any part of humanity. They have frequently been in positions of authority to experience or clearly see the destructive delays in decision-making and the weakness in true leadership necessary to REALISTICALLY effect the changes necessary in how humanity interacts with each other and the environment to provide a positive image of long-term survival for humanity.

In their frustration and with the romantic IDEALISM which they attach to technology and the professional elite, any action necessary to achieve their goal of positive survival is justifiable. Any question of such actions is met with the qualifier that if past and present leaders, and humanity as a whole, had not messed up so badly, their ruthless and deceptive actions would not be necessary.

1,972 A.D.

On September 13, Plan Sagittarius was revealed by Senator Aquino of the Philippines as an intent of President Marcos to place Greater Manila and most of central Luzon under military control.

Ferdinand was meeting regularly with 12 top military advisers, the Rolex 12 (because Ferdinand gave each a Rolex watch). Information that Senator Aquino had met secretly with NPA leader Jose Maria Sison, alias Amado Guererro, or at least with one of his top officers, gave Ferdinand the excuse to declare that Aquino was conferring with the Communists - enemies of the state. During the same period, Imelda was conferring with both Chinese and Russian government officers, without authorization of the Philippine legislature.

1,972 A.D.

During the year, Agnes Eckhardt Nixon would write "In Daytime TV, the Golden Age is Now". It would be published in the Winter edition of Television Quarterly. In her article she would note:

"... a certain kind of kinship is established between the fictional characters with their problems and the viewer at home with his. The viewer naturally wishes to see how these TV neighbours cope with their misfortunes, day by day, week in, week out, year after year. Audiences are bound, not by the chains of hero worship, but by the easily recognized bonds of human frailty and human valour."

Indicative of the celebration of iniquities which all human cultures have historically fallen back on, the soap opera industry provides a model for the viewer, already a dependent media addict stripped of self-esteem and unassertive in their approach to life, of the kinds of activities and the types of perceptions which are guaranteed to liven up their chosen routine lives. Deception, lies, envy, gluttony, sexual irresponsibility, lust, pride, greed, romance, anger, hatred, and other vices provide a daily diet of "coping" skills to the viewer. Conspicuously absent are the use of effective therapies, humility, forgiveness, prayer, meditation, negotiation, increased awareness, emotional contracting, assertiveness, honesty, trust - constructive coping skills.

The absence is necessary to the addiction, for should the characters or the viewer use such constructive coping skills, there would be a resolution of plot lines and the viewer would come to see this "illusion" of reality not as a mentor but as a travesty of marketing.

1,972 A.D.

On September 17, martial law was declared in the Philippines by President Ferdinand Marcos. The CIA and the White House were fully aware of Ferdinand's plans to declare martial law. President Nixon, Henry Kissinger, and Ambassador Byroade all gave their explicit approval. Kissinger and Byroade actually had copies of the full martial law declaration days before it was presented. One of the conditions for USA support of the proclamation was that opposition leaders be given a chance to leave the country first. A messenger was sent from Malacanang Palace to each of them on September 18, a day after the law was decreed. Senator Aquino stayed behind, many others left.

On September 22, bombs exploded in Quezon City Hall where the Constitutional Convention was still meeting. A police car was blown up while the officers were off having

lunch. Bombs exploded in department stores, city halls, and schools - at night when the buildings were empty. There was a rash of kidnappings of the families of the wealthy Chinese; the victims were released after large ransoms were paid. All were blamed on "Communist terrorists" although none were arrested.

In pre-dawn raids, government troops seized control of all communications and public utilities, closed schools, and arrested more than 40 opposition politicians and newsmen charged with plotting to overthrow the government by violence and subversion. The military arrested more than 30,000 people and put them in concentration camps. These include members of Congress, governors, student and labor activists, and miscellaneous criminals.

The ownership of the mass media was turned over to associates of Ferdinand Marcos. With control of the media, the myths that crime and corruption had been eliminated could be pervaded. General Marcos Soliman, the USA-trained chief of the National Intelligence Coordinating Agency had leaked the martial law plans too early to the CIA and Senator Aquino. Within a week, he died of a sudden heart attack, when Marcos agents shot him in the head!

On September 23, Senator Aquino was arrested.

A year later he was charged with murder, subversion, and illegal possession of firearms. Before a military court, Aquino responded that Juan Ponce Enrile was responsible for the false accusations. No public news coverage was allowed of the proceedings. In early 1975, Aquino went on a hunger strike. After 31 days he was rushed to hospital. In late June, 1977, he was granted a 2-1/2 hour interview with Ferdinand.

On November 25, a military tribunal found Aquino guilty and sentenced him to death by firing squad. USA newly elected President Carter repeatedly requested a delay in the sentence, and received it. In June, 1978, an agreement was made with Mrs. Cory Aquino that her husband would apply for amnesty and write a letter expressing his desire to leave the country, promising that after he left he would not "take any action that would affect the image and security of the country." Done, Imelda delayed his release, out of vengeance, until January, 1980, when a severe heart condition resulted in his travelling to the USA for surgery followed by settlement in Boston. In October, after unrest in Manila, Malacanang Palace issued an arrest warrant for Aquino and called for his extradition. President Carter refused; President Reagan was more sympathetic.

Martial law also served other members of the Marcos family.

Kokoy Romualdez, brother of Imelda Marcos, had been thrown out Ted Lewin's Club Cairo one night for running up large tabs at the club. Kokoy ran to his sister. It would be at her insistence that Ferdinand would legalize gambling in 1975. Meanwhile, Lewin, who had underworld ties in the USA, was the biggest gambling operator in the Philippines. Like everyone else, he paid a cut of his profits to Marcos.

That wasn't enough.

As soon as martial law was declared, Kokoy picked up some officers from the NISA (the Philippine' Secret Service), went back to the Club Cairo and beat the club operators. A short time later Lewin was said to have died of "a sudden heart attack."

In order to continue to maintain paramilitary influence in foreign countries, the American Nixon administration had avoided USA Congress demand not to train foreign police forces in secret police skills by training "narcotics agents" and funding the program through the US Drug Enforcement Agency (DEA). Ferdinand had agreed to create a Constabulary Anti-Narcotics Unit (CANU), with agents trained and equipped in Washington, D.C. On their return to the Philippines, the officers were successful in arresting 2 ex-GIs boarding a commercial flight for Okinawa with 6 ounces of No. 4 heroin.

In their zeal they continued to make arrests and interrogations and quickly identified all the members of Lim Seng's organization and the location of his two labs in Manila. Manila's Fukienese leaders, who had been put out of business by Seng's enterprise, had continued to press Marcos to close Seng down. To quell local criticism of Marcos' sanction of the drug trade and distance himself from it in the eyes of the Americans, Marcos now gave permission for lim Seng to be arrested, on September 28. CANU raided his two laboratories and impounded over 50 kilos of no. 4 heroin. Lim Seng was arrested.

At the trial, Lim Seng pleaded guilty, in an arrangement with the legal and government bureaucrats, thus keeping the trial short, the witnesses to just one, and very little of the details of the drug trade being made known to the public. The court gave Seng the light sentence of life imprisonment, which simply angered critics of the government more. Ferdinand went on television to espouse his distaste for drug smuggling.

Meanwhile, suspecting that an escape attempt would be arranged for Seng, the CANU posted extra surveillance. Unable to risk that Seng might bring embarrassment to the hypocrisy of the Marcoses, and undue attention to the underworld activities of Southeast Asia, Marcos ended his, and his associates' anxiety and paranoia by issuing an order for the immediate execution by firing squad of Lim Seng, his previous co-conspirator, on January 7, 1973.

1,972 A.D.

On September 20, near Rougemont, Quebec, 25 miles east of Montreal, a Mr. G.P. noticed a luminous sphere, estimated to be well over 350 feet in diameter with a thin wedge-like ring encircling it moving in a pendulum fashion as it moved towards the lower slopes of Mont Rougemont. Just above the ring, a series of oval windows or portholes were emitting a brilliant white light that illuminated the entire craft.

It moved in complete silence.

He saw it drift past a Canadian National-Canadian Pacific microwave relay tower and a television transmission tower before reaching the base of a 1000 foot high butte which it started to ascend. The bottom half turned a blazing red and then changed back to the original metallic tinge in a pulsating fashion at regular intervals.

To attempt to communicate with it he flashed his car's headlights off and on. Instantaneously, and with great speed, the massive sphere seemed to come right at the witness's car to stop overhead. The car bounced from side to side, he heard a shrill sucking sound, and then discovered that it had left. He was left dazed, his eyesight was blurred temporarily, and during portions of the sighting his car had stopped and failed to start. It was later discovered that the path of the craft coincided with a major geological fault line and nearby residents confirmed that their television reception had been disrupted during the time of the sighting.

1,972 A.D.

H. Pauli and V. Schmid publish the result of their study on the psychosomatic aspects of breast cancer. They find that women with breast cancer have particularly stronger indications of depression, hypochondriasis, and paranoia than patients which had benign disorders of the reproductive organs. This is but one of many studies which call attention to coping skills and patterns of emotional expression as contributing to the formation of cancers or the designation of individuals who are prone to developing cancer.

Further research and a serious consideration of institutional utilization of these findings receives little attention and very little funding. Instead, the worship of laboratory science and impersonal technology continues to receive the support of the cultural leadership in North America: offerings of tens of millions of dollars each year are laid on the alter with little positive result.

1,972 A.D.

By October, Project SNOWBIRD is established by the USA government National Security Agency (NSA) to test fly a captured flying saucer.

1,972 A.D.

This year, Richard M. Nixon, would win the USA Presidential election in a triumph of advertising and marketing. The vice-president of Market Opinion Research guided the

\$600,000 polling campaign. Very specific questions were asked, such as "Should the President be smiling or sombre in a poster directed at youth?" Nixon's campaign was directed by the "Committee to Re-elect the President." Its office director was a former marketing man, Jeb Stuart McGruder. Nixon's name was used seldom, because marketing studies had shown that Nixon as a person was not seen by the public as particularly likable. The tactic used was to make Nixon appear as the least objectionable candidate. To this end, George McGovern, his competitor, was depicted in the mass media as unpredictable, by the Nixon Committee.

Jeb McGruder made use of "an Extensive, sophisticated, entirely computerized operation" in singling out prospects for mailings and individualized the mailings according to the interests of the occupational or other groupings. All such messages were tailored and psychologically and sociologically coordinated. The deception suggested that form could equal substance and that one representative could be all things to most people.

1,972 A.D.

Between 1972 and 1975, a cluster of "attacks" on natives occurred near Sobral, in the area of Santana do Acarau, in Brazil. Objects were reported as hovering near the Acarau River, emitting peculiar flickering light beams with which a sensation of cold was associated. The objects were described as boxlike, similar to a VW bus.

The objects are often referred to as "*chupas*" by the locals.

"Chupa" is literally a Spanish word for a waistcoat or an undercoat with sleeves. A local rumour claims that the "chupas" are "American prototypes" that take the blood of the victims to send it to the United States! There are descriptions of small beings in connection with the chupas, and also of a larger, disk-shaped object, the size of a house. No reports of harmful effects are associated with the circular craft. A theory among local people is that the chupas are attracted by flashlights. Some describe the light which is shone down on individuals as blinding, with pulsating colours inside. It has also been compared to an electric arc and sometimes an electrical odour has been associated with it.

1,972 A.D.

By November, Henry Kissinger, USA Presidential Aide, had met with the Shah of Iran. The Shah and Kissinger agreed that Iraq was upsetting the balance of power in the gulf region; a way to restore the balance - or to find a new balance, - was to send a signal by supporting the landless, embittered Kurds, then in revolt in northern Iraq. Iraq had given refuge to the then-exiled Ayatollah Khomeini and used anti-imperialistic rhetoric while desiring control over Iran's Arab speaking Khuzistan region.

Kissinger returned to Washington and put the suggestion to President Nixon of increasing the armamentation of Iran. Nixon authorized a covert-action budget and sent John Connally, his former treasury secretary and an oilman, to Teheran to work out the details. Others were included and arms went to Iran.

A 1976 report by the USA House of Representatives Select Committee on Intelligence Activities noted:

"Documents in the Committee's possession clearly show that the president, Dr. Kissinger and (the Shah) hoped that our clients (the Kurds) would not prevail. They preferred instead that the insurgents simply continue a level of hostilities sufficient to sap the resources of our ally's neighbouring country (Iraq). This policy was not imparted to our clients, who were encouraged to continue fighting."

1,972 A.D.

The Limits of Growth, was published by a group of international scientists. Predictions from data fed into computers suggested that continued rates of economic, technological, and population growth would lead to the collapse of world society by the end of the twentieth century.

1,972 A.D.

The takeover of the Philippines banana industry by Ferdinand Marcos and his underworld associates began. While Ferdinand Marcos had begun his political career as a 10% kickback and bribe "negotiator", as President he demanded from each participant in the government contracts - supplier, subcontractor, general contractor - adding up to as much as 80% of the total cost. Many businessmen who were not Marcos buddies turned over shares in their companies in return for selection privileges for contracts.

A business is worthless without business.

Other promising businesses learned the "legal" facts of life: the Marcos control of the armed forces and Constabulary could result in your business being seized for all manner of supposed infractions - if you refused to share your shares. Such takeover were gradually melded together to form agglomerate monopolies which stifled competition. This happened in all of the primary industries: sugar, bananas, coconuts, tobacco, and others.

Martial law assisted patronage in providing the power and the means to break big business and free enterprise. Until martial law, the Philippine banana industry was dominated by Castle & Cooke and Del Monte. Unable to win the amount of kickbacks that he wanted

from these established multinationals, Ferdinand brought in United Brands. Antonio Floirendo, who operated many of the offshore banks and corporations for the Marcoses owned many businesses in Mindanao. Ferdinand issued a decree during the year giving Floirendo a lease to develop a 12,000-acre banana plantation inside the Davao Penal Colony in Mindanao, previously an illegal venture for anyone and still not legal without express state consent.

The Penal Colony had been a Japanese POW camp in WWII; it had served as a prison for common criminals since. Floirendo paid the government \$9 per acre to lease the rich delta land; the going rate to planters elsewhere was \$30 to \$50 per acre. The prisoners provided a guaranteed work force at less than 20 cents a day per man. The whole operation would be government subsidized: discounted land; discounted labour; discounted bureaucracy.

United Brands, a multinational Cincinnati American company which wanted to be the world's largest producer of bananas, had been unable to enter the established and highly regulated Philippines market. When Floirendo made them a joint agreement offer they were pleased to provide the financial assistance and obtain the American bank loans to pay for the development of the huge plantation. The farm's entire output, estimated at nearly 17 million boxes of fruit each year, worth \$100 million, was taken by United Brands for distribution: about 10% of the company's \$1.1 billion banana sales worldwide.

Ferdinand ordered construction of a 15-mile road down to Floirendo's private dock on the Davao Gulf, where United Brands freighters were loaded. The farm also bought a \$1 million private jet to fly Floirendo and his executives to and from the plantation. Further, Ferdinand ordered the competitors, Castle & Cooke and Del Monte to pack a percentage of their fruit in boxes manufactured in the Philippines, by Floirendo. Martial law offered endless possibilities for economic control and profiteering.

1,972 A.D.

In December, V.N. Pushkin, a U.S.S.R. professor and doctor of psychological sciences published an article in the popular magazine, Knowledge is Power issued by the leading organization for popular science in the U.S.S.R., the Knowledge Society. Pushkin had been aware of some earlier accomplishments in the field of plant intelligence and with two colleagues, V.M. Fetisov and Georgi Angushev, he went farther. Angushev had been working at the Lenin Pedagogical Institute in Moscow and was an excellent hypnotist. They reasoned that if plants responded to human emotions, then the communication of these to the plant should be more effective if the human subject was hypnotized, a form of focused directed attention.

A young girl by the name of Tanya, with a "lively temperament and spontaneous emotionality" was hypnotized and sequentially implanted with very positive and very

threatening perceptions about herself. At each change in the girl's mood, the plant, which was attached to an encephalograph, responded with an appropriate pattern on the graph. "We were able to get an electrical reaction as many times as we worked, even to the most arbitrary commands."

Tanya was then asked to perpetrate a lie and the plant would be tested for its ability to detect truth from falsehood. Tanya was asked to choose a number between 1 and 10 and then not reveal it. She was then queried, one by one, if any one of the 10 numbers were the number she had picked. The humans could not detect any difference in her responses, but the plant gave a clear and specific reaction to the number she had chosen, yet denied. Pushkin concluded that continued research could lead to advances in human neurology.

Pushkin warned "Experience in the development of natural science, especially physics, has shown that one should not fear new discoveries, however paradoxical they might seem at first glance." He further suggested that the cells of a flower had processes somehow related to mentation and asserted that man's psyche, and the perception, thought, and memory connected to it are all just a specialization of processes existing at the level of vegetal cells.

At the same time, at the Soviet Academy of Sciences, in Akademgorodok, near Siberia's largest industrial centre, Novosibirsk, other biopsychological experiments were being carried out without public exposure. There, they clearly demonstrated the ability of plants to have long-term memories and to react through instrumentation to dramatically indicate the presence of persons who were good to them and others who were abusive. Also, it was determined that somehow, plants can share water in unknown ways. A cornstalk planted in a glass container was denied water for several weeks. Yet it did not die; it remained as healthy as the other cornstalks planted in normal conditions nearby. In some way, water was transferred from healthy plants to the "prisoner" in the jar. Yet they have no idea how this was accomplished.

The use of hypnosis and its success here can also indicate how an Alternative 3 "Telepathic Sleep Job" could be carried out. Take a sensitive and emotionally expressive person, hypnotize them, have them believe that they are doing something of the greatest moral significance, instruct them to focus their thoughts on the target, guide them in visualizing and projecting to the target a necessity to go and meet someone, confirm as to whether the target is in complete control of the projections, direct the target to walk along a path, soothe and reassure them as they walk into the ocean and over their depth, instruct the target to breath in deeply the clear fresh air producing a hyperventilation which leads to blackout and drowning.

Only the hypnotist knows what really happened.

The subject will only remember the "help" given to the target and will not perceive the danger of the projected feelings and images and so will not be self-restrained. If the target comes out of the telepathic sleep directive activity, it will be assumed that they were

sleepwalking under their own direction. If with little preparation humans can transfer feelings and attitudes to plants over 12 miles away, why wouldn't they be able to project them to humans of like physiology?

1,972 A.D.

Near the end of the year, a Batch Consignment Memo for Alternative-3 was sent by the Chairman of the Policy Committee to the National Chief Executive Officers:

"Standing instructions relating to the recruitment of designated movers have already been circulated by this Committee. However, recent reports from the Chairman of the Committee in Residence indicate that there have been certain failures in the execution of those instructions.

These failures have produced unwarranted problems in the new territory and have resulted in an unacceptably high wastage of post-transportation designated movers.

This situation cannot be tolerated and the Policy Committee therefore requires me, once again, to specify the aims and the requirements of the Committee in Residence. Every effort is to be made to eliminate the problems which men have become conditioned into accepting in the old territory.

Alternative-3 participants have evolved, or must be taught to evolve, away from the concepts of national or tribal interests which have traditionally resulted in warfare. This will become of increasing importance when the new territory becomes more intensively populated. National Chief Executive Officers will therefore give priority to this aspect of the operation and ensure it is fully understood by their regional subordinates.

No person is to be nominated as a potential designated mover if there is any doubt about him or her having the potential to evolve in this manner. This requirement over-rides all other considerations of skills and training.

As this particular personality trait still cannot be assessed from a computer print-out, it is imperative that judgements be based on individual interviews. This puts the onus on regional officials for, in view of the size of the operation, it is not possible for this aspect to be handled centrally or even nationally."

It was also stated that an even mix of nationalities was desirable as well as an even mix of

colours. Only children with "key parents" were to be transported to the new territory - and then only if the parents could not be persuaded to make care arrangements for them on the Earth before the parent's departure. Children were not productive in the new territory so they were only considered from the prospect that they would make designated movers feel more at home. A cinema, a number of communal television-viewing rooms and other recreational facilities were being provided for designated movers. The acceptable gender ratio among designated movers was apparently three males to every female at that time.

"There may be instances in which vital personnel can be persuaded that their children can be left with relatives in the knowledge that they will be reunited with them at a reasonably early date and, where applicable, every reasonable effort should be made to secure the success of such persuasion.

No facilities

NOTE:

The above is the text of a memo released by the authors of the book, "Alternative 3" several years from now. It conveys the style of rationalization common to some of the dissociated academic think-tank analysts of the era. Times for elitist political and military decision-makers were becoming desperate as the Earth increasingly provided suggestions of rebelling against humanity while political and military conflicts were appearing to become more irritating for those previously rewarded for their intolerance.

The problems of "staying" were increasingly being seen as impossible to resolve; the fantasy of being able to choose to run away was increasingly assumed by these personnel as the only solution. It had to work - and any means necessary to make it work - could be rationalized into moral acceptability.

1,972 A.D.

Between December 7 to 19, Apollo 17, the last U.S.A. Apollo landing mission, landed at the Taurus-Littrow valley site. The crew consisted of Cernan, Schmitt, and Evans, who circled the Moon while the others were on the surface. Extensive lunar back-side photography with the King Crater as one of the main targets was taken. The crew, observed UFO's near the Earth, close to the moon, and in between.

Later, a copy of a tape containing dialogue between NASA Mission Control at Houston

and the Lunar Command Module Pilot was found and contained the following:

Mission Control: More detail, please.

Can you give more detail of what you are seeing?

LEM Pilot: It's ... something flashing.

Just a light going on and off by the edge of the crater.

Mission Control: Can you give the co-ordinates?

LEM Pilot: There's something down there ...

Maybe a little further down.

Mission Control: It couldn't be a Vostok, could it?

LEM Pilot: I can't be sure ... it's possible.

1,972 A.D.

Major weapons systems deliveries from 1972 to 1981 were: the USSR delivered 74,000 major weapons systems to its export clients; the USA delivered 44,000 systems.

Soviet deliveries included
23,250 surface-to-air missile systems,
3,705 supersonic aircraft, and
13,220 self-propelled guns and tanks.
USA deliveries included
8,890 surface-to-air missile systems
1,540 supersonic aircraft, and
7,440 self-propelled guns and tanks.

This contrasted with the period 1950 to 1979 when the USA was by far the Earth's chief exporter of armaments.

France, during 1970 to 1980, learned from the economic example of the USA and expanded their arms production by 500%, so as to become the Earth's third largest armaments producing nation. France's arms sales policy would come to be considered the most permissive of any supplier with an apparent willingness to sell weapons to whomever could

pay for them.

Relative to the increasing arms productions of the USA, USSR, and France, The United Kingdom decreased its exports to a level equal to 25 to 30% of its total production; a move which place it in 4th spot as an Earth global arms supplier.

1,973 A.D.

HIGHLIGHTS:

Movies: Day of the Dolphin, The Exorcist; The Glass Menagerie; Go Ask Alice; Westworld; Walking Tall; Slither; The Migrants; The Sting; High Plains Drifter; The Train Robbers; Badlands; The Last of Shiela; Papillion; White Lightning; Live and Let Die; England Made Me; Mean Streets; Paperback Hero; Dillinger; Willie Dynamite; Serpico; American Grafitti; The Hard Part Begins; The Execution of Private Slovik.

General News:

Consumer Price Index: 133.1

Failing USA banks lose \$971.312 millions of depositor's monies.

1,973 A.D.

Some 1000 spacecraft, by the beginning of this year, 15 years after the USSR launched Sputnik 1, October 4, 1957, have left the earth to orbit the planet, journey to interplanetary bodies, and to carry men to the moon and back. International regulation of telecommunication frequencies to lessen signal interference was discussed at a 1971 World Administrative Radio Conference for Space Telecommunications and signal assignments were made, effective January 1, 1973. These are expected to remain unchanged to the end of the century.

1,973 A.D.

In January, all CIA Drug-testing Records are authorized to be destroyed by Richard Helms, CIA Director, before he retires.

1,973 A.D.

Eldon Byrd: operations analyst with the Advanced Planning and Analysis Staff of the Naval Ordnance Laboratory in Silver Spring, Maryland, U.S.A. He has also worked with Dektor Counter Intelligence Systems. Working with a Psychological Stress Evaluator (polygraph), special amplifiers and chart recorders, he demonstrated that a plant could indicate by responding to the inaudible vibrations of the human voice played to it on tape recordings which people were telling the truth or lying. In a review of 25 segments of the television program To Tell the Truth, the plant response was 94.7% accurate.

1,973 A.D.

Biogeochemistry began to be developed as a new science.

Analysis of salts in tissue samples of herbivorous animals that have been grazing on a section of land for an extended period of time can indicate possible mineral or petroleum deposits beneath the ground. The same animal tissues are used that are frequently removed in mutilation incidents.

1,973 A.D.

There were 103 different UFO/Bigfoot sightings reported this year from a 6 county area of Pennsylvania.

In one of those incidents, a group of farmers saw a UFO descending towards a field in the early evening. They decided to find out what was going on. As they walked over the crest of a hill, they saw an object estimated to be 100 feet in diameter resting on the ground. Nearby, were 2 Bigfoot beings about 8 feet tall, with arms that hung down past their knees, covered with long dark hair. Mistaking the beings for bears, one of the farmers fired a shot over their heads. The beings responded by approaching the farmers, one of whom now fired 3 shots directly into one of the beings, which made a whining sound and raised its right hand. The object abruptly disappeared and the farmers fled.

Returning 45 minutes later with a local police officer, neither object or beings could be found. The officer did verify that there was a glowing ring on the ground about 100 feet in diameter that would have been bright enough to read by if he stepped into the circle and tried to do so.

1,973 A.D.

The American budget for Military Aid to South Vietnam for this year totalled over \$2.3 billion.

1,973 A.D.

In February, Henry Kissinger, a Jewish refugee from Nazi Germany, was appointed secretary of state for the U.S.A. He believed in power and compromise, rather than idealism and total victory. He gained in popularity and power as Nixon declined in both. Kissinger believed that justice as well as stability must be the goal of American foreign policy. Further, he believed that

"the fundamental point of American foreign policy must be a duty to defend the security of all free peoples if it wanted to preserve its own; that to resist challenges to equilibrium in the early stages is an inherently ambiguous task. For if one waits till the challenge is clear, the cost of resisting grows exponentially; in the nuclear age it may become prohibitive."

Kissinger's intellectual and pragmatic idealism clouded the facts. Having lived through the era of the Nazi holocaust, he was driven to believe in the maintenance of order and security at the expense of protest. Debate was the civilized approach to negotiation. What he failed to acknowledge is that a debate involves two relatively unemotional participants neither of which are intimately tied to the result. Definitions of "free peoples" varied from country to country and era to era.

The American interpretation of "freedom" was not held by most of the world' peoples. Additionally, responding to assist a people who did neither request your support nor share your perception of freedom would, eventually, jeopardize your own freedom. To take a position of reacting to every blip in events as potentially a major catastrophe was to invoke paranoia.

Accepting American defeat in Southeast Asia, Kissinger spent most of his energy after 1973 trying to avert total war in the Near East between the Arab nations and Israel.

1,973 A.D.

In February, Debbie Sapp visited Marcel Vogel, in California, U.S.A. who noted that she had an immediate ability to enter into rapport with his philodendron. He asked her if she

could "get into the plant" and she affirmed she could. Her face took on an attitude of quiet repose, of detachment, as if she were far away in another universe. Immediately, the recording pen which detected energy differentials in the plant began to move in ways showing that the plant was receiving an unusual amount of energy. Debbie later recorded the experience:

"I made a conscious decision to let my imagination take over and found myself entering the main stem through a doorway at the base. Once inside, I saw the moving cells and water travelling upward through the stem, and let myself move with this upward flow.

Approaching the spreading leaves in my imagination, I could feel myself being drawn from an imaginary world into a realm over which I had no control. There were no mental pictures, but rather a feeling that I was becoming part of, and filling out, a broad expansive surface. This seemed to me to be describable only as pure consciousness.

I felt acceptance and positive protection by the plant. There was no sense of time, just a feeling of unity in existence and in space. I smiled spontaneously and let myself be one with the plant.

Then Mr. Vogel asked me to relax. When he said this, I realized I was very tired but peaceful. All my energy had been with the plant."

1,973 A.D.

Based on the compilations by physicist Dr. Jacques Vallee of 923 well-documented worldwide sightings, California physicist James M. McCampbell, in his Ufology: New Insights from Science and Common Sense reached the following conclusions:

The most common "close encounter" symptoms were headaches, dehydration, burns, loss of vision and nausea. Other less frequent disorders included low lymphocyte counts, loss of consciousness, glandular aches, hair loss and even paralysis. Apparently, the same results can be obtained by sticking one's head into a microwave oven.

Exposure of the eyes to intensive forms of microwave energy can lead to temporary loss of vision.

Symptoms of heat exposure and burns may also have their origins with radiated

microwave energy. These emissions can heat the surrounding air to temperatures in excess of 400 degrees F, causing infrared and ultraviolet radiation burns.

Low lymphocyte counts, nausea, cold sweat and body swellings appear to be attributable to other forms of thermal or even nuclear radiation, possibly in the form of gamma rays or nuclear fission radiation. Soil samples taken from a UFO landing site have indicated a significant level of radiation in the form of

Radium 226.

Later, bar-like fragments of a metallic substance were found which revealed a high concentration of silver - 93 and 96% with a thin layer of uranium also being found in the fragments. The stench of a burning electric motor and sulphur seemed to linger around the contactee and seem to come from his own body.

Dehydrations are similar to burns, except that no combustion is apparent. This indicates a milder form of thermal radiation emission and strong evidence now points to some form of microwave radiation as the possible source. Mr. McCampbell also contends that UFO's emit forms of microwave radiation that can produce luminous plasma emissions of heat in the neighbourhood of 400 degrees F. This may tie in with the reported "white glow" on the tree tops and the UFO's "orange tinge" which strongly suggests plasma effect.

Some form of high-frequency electromagnetic radiation (microwave radiation) is a likely explanation for the E.M. effect in which cars stall, television sets go awry, and electrical circuits and grids lose power or temporarily go dead.

Household appliances, lighting systems, radios, and other electrically operated devices may be influenced also. Look overhead if you notice these.

1,973 A.D.

In March, the crew of a DC-8 cargo plane, while on a night flight, saw a large, disc-shaped object. Both the pilot and co-pilot saw the UFO, and in separate interrogation sessions gave the same story. They were at 21,000 feet when the co-pilot saw the lights of what he thought was another plane. He pointed it all out to the pilot and they watched it turn towards them, catch them, and then begin to pace them. In the bright moonlight, they could see a domed disc with two vertical fins in the back. Through the clear dome they could see figures moving.

The co-pilot reached down and turned the weather radar on.

The disc showed on the scope. For nearly 18 minutes, they watched the UFO both visually and on radar; then, it shot out in front of them, doubled back at incredible speed, and disappeared.

After landing, they made an official report, were interrogated separately at length by the USAF and they were told not to tell of their experience to anyone other than authorized persons with the suggestion that they would lose their jobs if they did. They later broke silence only because it was agreed that their names would remain anonymous.

1,973 A.D.

In March, James McCord, of the Watergate Scandal notified the judge that his illegal mission had been planned in the White House.

In April, John Dean and Jeb Magruder, two minor officials in the White House, gave testimony to the Watergate grand jury and the Senate Watergate Committee, headed by North Carolina Senator Sam Ervin, which implicated White House officials in the planning of the break-in. President Nixon then asked his two chief White House advisors, Robert Haldeman and John Erhlichman, to resign.

In July, the Senate committee discovered that all conversations in the president's White House office were recorded on tape, and they requested that the president turn over his tapes to the committee. The president refused and, in October, caused a national crisis by firing the Watergate prosecutor, Archibald Cox, who he had earlier appointed, as well as Attorney General Elliot Richardson. The crisis worsened with the resignation of Vice-President Spiro Agnew, which evidence showed that he had systematically accepted bribes from Maryland state building contractors while he was a Maryland official.

Agnew threatened a national crisis unless he was allowed to resign with the promise that he would not be prosecuted. Under the recently passed 25th Amendment, Gerald Ford, the leader of the Republicans in the House of Representatives, became the new vice-president.

1,973 A.D.

During the year, Illiac 4, a giant central computer system linked all universities in the U.S.A. including the University of Hawaii. About \$40 million was spent on the project. The potential academic value did not seem to justify the expense. A similar computer network was set up in the U.S.S.R. As time progressed, more and more personal and confidential information was entered into such "global" systems including the patterns of use of the user.

1,973 A.D.

In April, Louis Kervan writes that microorganisms are a concentration of enzymes. Their ability to transmute elements is not a mere hooking of peripheral electrons to form bonds as in classical chemistry but involves a fundamental alteration of the nucleus of elements.

Most transmutations have been observed to take place within the first 20 elements of the periodic table. They further always seem to involve hydrogen or oxygen. The transmutations do not involve the displacement of electrons in the peripheral atomic layers nor the chemical bonding of molecules. It involves the alteration in structural arrangements of the atoms induced by enzyme activities in living matter. Since nature's atom smashing is performed by biotic life, microorganisms are thus nature's prime mover in maintaining balance in soils. Some transmutations are biologically beneficial; others are harmful.

Kervan questions: If yeasts and moulds for penicillin are already being produced on an industrial scale, why not factories for growing microorganisms for the transmutation of elements? "Organic" fertilizers could replace chemical ones with prospectively enhanced production and benefits.

1,973 A.D.

By May, James McConnell, a broad-ranging behaviourist and friend of B.F. Skinner addresses a group of lawyers with the intent of conveying to them that prisoners could be reshaped into model citizens by methods other than punishment:

"I believe that the day has come when we can combine sensory deprivation with drugs, hypnosis and astute manipulation of reward and punishment to gain absolute control over an individual's behaviour."

What the audience didn't realize, was that this system of brainwashing had been used in the 1930s by the KGB forerunner in the USSR, as well as by the Nazis, and was now being used in a much perfected format including surgical manipulation of hormonal levels by Alternative 3 medical technicians.

1,973 A.D.

In preparation for East-West detent, U.S.A. secretary of state Kissinger met with French

President Pompidou at the Elysee Palace. Pompidou did not like nor understand Kissinger's reference to Europe as a "regional" power, although he acknowledged that Europe was a secondary (military) power. Nixon had been making overtures to the Soviet Union precipitated in the Agreement on the Prevention of Nuclear War, which was to be signed by Nixon and Brezhnev in June.

Pompidou was worried that without unrestricted cold war, the unity of economic, political and military strategies between NATO countries could prove tenuous. Moreover, in renouncing nuclear war between the superpowers, Europe and China might be left open to the pressures of communism and socialism within their borders as well as near their borders, as long as such were maintained below the threshold of all-out war. Detent might confuse tactics with strategy, rhetoric with reality.

Pompidou, like most national leaders, was not an intellectual. He knew that legalistic interpretations were the administrative elements of diplomacy not abstract and fluctuating strategies. The American ideal of detent was never an end in itself, as Pompidou worried. It was intended as a means to an end, not defined. Again, American leaders were playing politics as if it were a game; the difficulty with such an approach is that singular winners are often assumed at the expense of team success and manipulation and deceit are often utilized at the expense of truth and openness.

1,973 A.D.

Horace Newcomb in his "TV: The Most Popular Art" would write:

"Almost exclusively these (soap opera) characters are the emblems of the upper-middle class. Professionally there is an overwhelming preponderance of doctors, lawyers, and businessmen. Women are generally well educated and often follow one of these same professions. When they choose to remain home, they are cast as the stereotype of the upper-middle-class housewife, worried more about the problems of her children or about social affairs than about shopping or cleaning the house.

For the most part the people are elegantly but tastefully groomed. The men dress conservatively even when casual. The women are carefully trimmed in stylish fashions, coiffed in the most fitting styles. The appearance is carried into their homes, where that softness we have mentioned complements the appearances of the persons. ...

The point here is that the audience must gauge its social responses to such clues. Any departure from the norm of upper-middle class stability results in this sort of blatant

representation in which richness is defined exclusively by material artifacts. ...

The confined world of the housewife resembles the confined world of the television screen. People move about in rooms, in houses; they speak to one another in close contexts; there are no overhead or panoramic shots indicating a point of view other than that of the viewer. Indeed, there are no panoramas, no mountains, no prairies, no visions of skylines or shots of suburban sprawl. ...

The content ... is a technical type of reality.

Yet at the same time, it approaches the world of the viewer in a realistic sense. Soap opera content is confined almost exclusively to a consideration of vitally human problems ... focused upon and magnified to an overwhelming individual point. ...

Good men go about their business, only to have it confounded by their scheming partners, their unfaithful wives, or some combination of both. Women who gave up their children for adoption after an adolescent "mistake" begin years later to search for them, intruding into the lives of those who took them in. Faithful mothers must face their daughters' unwanted pregnancies or painful divorces. The pattern of accidental death followed by trial for murder is repeated again and again.

This pattern of continuing and overwhelming human pain is defined and controlled by one of the most important aspects in the world of technical reality that comprises soap opera. There is no humour in that world. There is, on occasion, an interlude of peace of mind. There are quiet moments when families are assured of their ultimate love for one another; there are reunions and marriages and births; there are smiles. But there is never raucous laughter, pure delight, overwhelming joy, or even the mildest ribaldry. ...

The soap opera will grow and change. ... there is a strong degree of audience involvement which results in the possibility of writer and producer response to an audience reaction. Fan mail, rating reports, and any other available indexes of response to new characters or situations may result in changed characters or situations. ...

These shows create the illusion of change through a shifting variety of situation, but we know from the beginning of each that the main characters, the hero figures, are never to be harmed or destroyed because they can never leave the show. ... the audience sees ... problems .. more closely related to (themselves) than the continual diet of spectacular murder solved by the spectacular detective. Consequently, these are more "real" problems. ...

... the world of the soap opera is more painful, more harsh, more unrelieved, than the world of the audience, and yet the characters always survive. The values are those of overwhelming success in which right always conquers. ... The constantly developing complexity of subplots and the huge variety of personality approach more nearly a world like that of the audience (than other mass media)."

1,973 A.D.

By June, the National Power Nuclear Reactor scheme in the Philippines had begun. President Marcos ordered National Power to negotiate to buy two 600-megawatt nuclear plants.

General Electric began negotiating with National Power; then, the Westinghouse district manager for the Philippines approached Jesus Vergara, president of Asia Industries, which handled distribution in the islands for Westinghouse. Vergara was aware of the Marcos bureaucracy and graft system and advised Westinghouse that if it wanted to get the sale it should hire a lobbyist like Herminio Disini.

Disini was 20 years younger than Marcos, married to Imelda's first cousin Inday Escolin, who also served as one of her physicians, and was a golf partner. After martial law was declared by Marcos, Disini became president of the Wack Wack Country Club, the preserve of Manila's hereditary wealth. Like n most other areas, Ferdinand cheated in his golf to save and build his pride and as such he had the lowest handicap of any similar executive in the world. Ferdinand always used the names and services of other people around him to front his corporations or do his illegal activities so that it would be difficult to charge him personally with any wrongdoing.

Early in the 1970s, Ferdinand used Disini to take control of the cigarette filter business in the Philippines, long dominated by a British-American company called Filtrona Philippines, Inc. Together they forced Filtrona out of business, leaving Disini and his Philippine Tobacco Filters Corporation with a monopoly worth a \$1 million per month in profits. Disini then arranged with another of Ferdinand's friends, Lucio Tan, head of Fortune Tobacco - such that Tan could sell his cigarettes cheaper than the competition but getting special pricing on the filters.

The competition left and in appreciation, Tan gave President Marcos \$11 million in campaign contributions, plus \$2.5 million a year. Of course, Tan was able to avoid paying some \$50 million a year in taxes. Disini created Herdis Group, Inc, a conglomerate of 50 companies with \$1 billion in assets. Following a capitalist principle of using other people's money for one's own profit, Disini utilized the Philippine government loan guarantees that foreign bankers assumed were risk-free compared to private corporate or individual guarantees.

As in many similar Marcos inspired projects, the motive here was personal profit not good business. Disini had no background and little interest in nuclear power plants. The power plant was built on a jungle bluff in Bataan overlooking the South China Sea - a site subject to tsunami (large) tidal waves. It is 5 miles from a dormant volcano, which have a tendency

in the Philippines to reactivate. It is only 25 miles from 3 geological faults, that is, the potential for earthquakes in the area is high. Any one of these environmental factors could result in the reactor becoming inoperable permanently, or, in it seriously malfunctioning at some point.

Consider that the country has long been a military totalitarian dictatorship and that such regimes tend to promote armed rebellions and the safe and reasonable consideration of building a nuclear reactor anywhere in the Philippines becomes less positive. International nuclear industry regulatory institutions are supposed to consider these and scores of other factors and coordinate with the countries supplying the technology and the fuel for a reactor to impose dale guidelines. As happens too often in human capitalistic or communistic political decision-making, profit and prestige far outweigh environmental considerations.

Back on the golf course, in 1973, Vergara mentioned the possible "lobbying" position to Disini, noting that the commission could amount to millions of dollars. Disini arranged for Westinghouse to discuss their proposal with Ferdinand in private. Westinghouse offered to supply a single plant with two 620-megawatt reactors at a price of \$500 million. Additional charges for fuel, transmission lines, training and other necessities would raise the estimated total to \$650 million. After this private meeting, Marcos ordered Ramon Ravanzo, the general manager of National Power to give the business to Westinghouse. The sale was final.

Late in realizing the nature of Philippine decision-making, Alex Melchor, Executive Secretary of GE learned of the lost sale to Westinghouse. He decided to be persistent and take the rational approach of finding a more economical alternative to propose, and did so. However, Ferdinand was not interested in the results.

When Westinghouse got its first sale, USA Ambassador William Sullivan contacted USA Secretary of State Henry Kissinger and stressed that "... American prestige riding on Westinghouse performance ... being the largest and most expensive construction project ever undertaken in this country ... current cost estimates are over one billion dollars." The formal contract was signed in February, 1976.

1,973 A.D.

In June, the work of Melvin Calvin, an American Nobel prize winner, was acknowledged in the first issue of the Soviet Union magazine Chemistry and Life. Calvin had discovered that plant chlorophyll under the influence of the sun's rays can give up electrons to a semiconductor such as zinc oxide.

Such a photoelement produced a current of about 0.1 microamperes per square centimetre.

After several minutes the plant chlorophyll became desensitized or "exhausted", but its life could be extended by the addition of hydroquinone to the semiconductor. A ten square meter chlorophyll photoelement could yield a kilowatt of power. He has theorized that in the next quarter century such photoelements could be manufactured on an industrial scale and would be a hundred times cheaper than silicone solar batteries now being experimented with.

1,973 A.D.

During June, at the Gordon Research Conference on Nucleic Acids concern is first voiced about the hazards posed by bioengineering research. The topic had first been raised 6 months earlier at the January First Asilomar Conference where it had been demonstrated that many scientists were ignorant of the current procedures being used for out-of-nature chemical transformations. The scientists had also exhibited that they were even less prepared for the hazards posed by such research.

It is a negative evolutionary pattern of humans to proudly experiment with technologies and science of which it had no understanding, which presents distinct possibilities of great destruction or sorrow, and carry out such research like robots, stripped of awareness and self-direction, as if at a point of desperation.

This pattern seeks to demonstrate the reliance of cultural authorities on addictive responses of an incessant drive for coercive and destructive power in expectation of enforced peace. Cultural promotion of iniquities (greed, pride, envy, lust for fame, anger and security) enable self-denial to replace commonsense reverence and humility, spiritual qualities.

1,973 A.D.

In July, Masaaki Kudou, a university student, witnessed an incident at a small industrial town, Tomakomai, on the southern coast of Hokkaido, the northernmost island of Japan. It was at night and Kudou was on duty as a security guard. He noticed a streak of light streak across the bay, nearby, suddenly stop, vanish, and reappear. Remaining stationary, the light expanded and contracted alternately at high speed, growing until it reached the apparent size of a baseball held at arm's length.

It darted about in all directions within a few degrees of arc, and Mr. Kudou found himself dizzily trying to follow its movements. As it began to descend spirally towards the sea, Kudou felt a surge of alarm, especially when the object stopped near a distant cement

works, and began to direct a beam of intermittent pulses of green light towards the north. Next, the object continued its descent towards the sea, this time sweeping in an arc until it was in a position much closer to Kudou.

It stopped its descent at about 70 feet from the sea and a transparent tube emerged and lowered to the water. He heard a soft min-min-min-min noise as this happened, with the pitch of the sound lowering as the tube descended. When the tube touched the water, its lower edge glowed and it seemed that water was being sucked up into the object above. Moments later, the tube withdrawn, the object began moving towards Kudou who feared it was going to attack him.

The object moved into a position 160 feet above Kudou's car, producing so much light that the surroundings were visible as if in daylight. The surface of the object appeared smooth and it gave off a white glow. Around the diameter of the spherical object, Kudou could see windows. In the middle of one of these windows Kudou could see a shadowy humanoid with 2 smaller shapes showing in the window adjacent.

Kudou felt as if he had been bound hand and foot and, with difficulty, managed to look up again in time to see the arrival of 3 or 4 more glowing objects. Now, there was also a large brown object which resembled 3 large gasoline drums connected together lengthwise, and hovered without sound. The spheres then positioned themselves to enter one end of the long object, entered it, and then it moved off quickly to the north like a shooting star. Kudou was left with a severe headache after the incident which he estimated occurred over a 12 minute period.

1,973 A.D.

By August, R.A. Winett and R.C. Winkler, then of the State University of New York at Stony Brook, had reviewed all the reports the Journal of Applied Behaviour Analysis had published over a 3-year period on the use of behavioural engineering in the classroom. Their own report concluded that the behaviour shapers were almost totally absorbed with training students to "be still, be quiet, be docile." Among "inappropriate" behaviours that had been targets for change, were walking around, laughing, carrying on a conversation with anyone but the teacher, showing objects to another child, doing something different than what had been ordered.

NOT ONE of the investigations questioned whether silence and lack of movement were necessary for learning, or whether the behaviour shapers should be in the business of moulding passive, obedient rule followers. They questioned whether the "model" child should stay glued to his seat all day, should continually look at the teacher or work, should not laugh, and should pass silently in the halls.

1,973 A.D.

By August, Fritz Kindliman, who had worked in a photography shop in Wetzikon, Switzerland, began to receive film from Eduard Meier for developing. The former owner had sold the shop to Willy and Beatrice Bar in 1970.

Kindliman later noted that although he and Meier had talked at some length, Meier never asked about darkroom techniques; that the processing and equipment for a small colour photo lab were far too expensive to be owned or operated by a single individual; that he had seen Meier's developed photos usually before Meier did; he was certain there had never been any manipulation of the photos; he had repeatedly told Meier to take better care of his negatives, because he would bring them in scratched and smudged; Meier had never asked about macro techniques.

Finally, if Meier had an accomplice in the making of "fake" pictures, why would he have spent so much time in the photo shop trying to make the best decision as to which camera he could best use with his single arm?

1,973 A.D.

By September, ownership of Grand Bahama and the Benguet Mine changed in structure. Wallace Groves, Grand Bahama owner and Mafia associate, had realized by 1972 that ownership or control of a large gold mine in Southeast Asia could be an asset to concealing money transfers between buyers and sellers of narcotics as well as for distributing shares of profits taken from underworld activities. He had met with and spoken to Ferdinand Marcos sometime earlier and when Marcos finally got control of the Benguet Mine, and, narcotics trade to the USA grew, and, international transfer of large amounts of money became more scrutinized, Groves had something to talk to Marcos about.

One of the 3 principal owners of Grove's Grand Bahama Port Authority was the Wall Street house, Allen & Co., run by Charlie Allen and his brother Herbert. The Allens also owned stock in the Benguet Mine in the Philippines and Herbert was a golfing partner of President Marcos. In a complex arrangement, Groves and the Allens were able to trade part of their Grand Bahama holdings into nearly complete control of Benguet mines. President Marcos allowed the transaction to go through only after he conducted a well-publicized series of "investigations" and "legal proprieties" designed to give his associates an opportunity to make huge profits from insider trading of the stock which went up and down in wild swings prior to the completion of the transaction. Then , Marcos, the Allens and Groves all had an interest in the Mines and the Island.

During 1973, the deadline was approaching in which all foreign-owned businesses in the Philippines had to turn over 60% ownership to the Filipinos. Ferdinand used this to pressure his partners into a new arrangement in which he became majority owner of the Mines and they took back his share in Grand Bahama. Later, Ferdinand would lose ownership of the Benguet to Imelda (with the shares held in the hands of one of her brother Kokoy's front men) through a marital indiscretion.

1,973 A.D.

In the middle of September, a family from Sydney, North Carolina, reported a being with red glowing eyes, long hair, pointed ears, and a hook nose on a gray face. The limping creature was missing a hand but could leap 50 or 60 feet at a time. A radio disc jockey and a group of boys saw the same being and fired 6 pistol shots at it.

1,973 A.D.

During September, a saucer-shaped craft shot down by a missile was observed by Instructor R.K. at the Great Lakes Naval Base, USA. At the time he was delivering a sealed envelope to the commandant in a quonset hut, and noticed the silvery-blue shimmering 30 ft diameter saucer resting on a wooden platform. It was 10 feet high, tapered like a teardrop with a flange running along its topside from one end to the other; it had no windows.

It had been shot down by a missile on its third pass over a Navy vessel. It had crashed in 350 ft. of water between Hawaii and the mainland, had been retrieved by a Glomar Explorer undersea recovery craft, shipped to Hawaii, and then on to Chicago.

1,973 A.D.

By October, Crop Genetic Uniformity in the Soviet Union had resulted in a crop failure of between 25 and 40% of the winter wheat Bastostaja strain. Government totalitarian bureaucracy, in which theoretical scientists and academicians conferred with political rationalizers to impose the "industrial" power of uniformity over agriculture, was the major influence.

Devoid of the natural protection afforded by the presence of genetic variety, which acts to isolate pockets of uniform crops and disease and pest outbreaks, the crop had been destroyed as if a fire had spread through it. Few concepts merit uniform application in all

ecologies and human organizational structures. Pride in ones achievements can blind one to the limits of those achievements. Failure to recognize ones limitations encourages their repetitive and disastrous influence.

1,973 A.D.

On October 1st, three men reported they saw a huge creature that walked mechanically. In the distance, they saw an egg-shaped object and an examination of the field where it had landed revealed imprints from it.

1,973 A.D.

On October 4th, Cary Chopic, a Simi Valley, California man, saw a triangular-shaped object hovering in a cloud of dust. In a clear bubble on top of the craft, he saw a humanoid being in a silvery wet suit. When the being saw Chopic, it leapt out of sight. The bubble began to rotate faster, seeming to disappear into the craft as it emitted a whirring sound as a fog began to envelope the object. Seconds later, without any apparent movement, it vanished.

1,973 A.D.

On October 4th, Henry Kissinger, U.S.A. Secretary of State, spoke at a dinner for the delegations attending the UN General Assembly:

"Of the species on this planet, man alone has inflicted upon himself most of his own suffering. In an age of potential nuclear cataclysm, in an age of instant communication amidst ideological conflict, our most urgent task is to overcome these apparently iron laws of history. The vision of a world community based on justice, not power, is the necessity of our age ..."

1,973 A.D.

On the evening of October 5th, a retired schoolteacher and her daughter were on the highway near El Centro, California, when they noticed a Greyhound bus and several cars

pulled onto the road shoulder. Standing near the vehicles was a group of people watching a large, disc-shaped object surrounded by a glistening vapour. The object rose vertically to 1200 feet, turned, and vanished, leaving a vapour trail that drifted toward the ground. After a minute or two, the vapour evaporated without reaching the ground.

1,973 A.D.

On October 06, near Saint Matthias de Chambly, Quebec - Mr. & Mrs. N. R., while walking in the early morning hours noticed an intense light , like a searchlight, seemingly scanning the area from a field 1/4 mile away. The couple thought it must be the police looking for cattle rustlers as cattle had been reported missing in the area. Later that morning, Mrs. R. noticed smoke coming from the field and called her husband who arrived in time for them both to see a round yellowish, dome-shaped object resembling a camper's tent, a short distance from the "fire". Throughout, they assumed it was a group of Boy Scouts.

Suddenly, they noticed a yellow, square-shaped object resembling a bulldozer emerge from the tent and take up a position near a spring about 200 feet away. Five child-like figures, partly obscured by the grass or crop in the field, wearing bright yellow suits seemed to scurry back and forth between the 2 objects. Twenty-five minutes later, the couple noticed that the objects and beings were gone. When the couple's daughter later investigated she found a 50 foot wide circle of burnt and crushed grass, with a 6-inch-wide track, resembling tractor marks, leading to a smaller 12-foot-wide circle by the spring.

Miss R. got a headache and felt nauseous on returning to the house; the symptoms soon abated. It was later found that the precise location of the landing was at a synclinal axis geological formation located between a pipeline and 2 high-voltage power lines.

1,973 A.D.

The Federal Financing Bank (FFB) becomes an agency in the U.S. Treasury Department. It is established by the USA Congress to centralize the borrowing of federal agencies. Instead of selling securities directly to the financial markets, all but the largest federal agencies raised capital by borrowing from the USA Treasury, through the Federal Financing Bank. The FFB makes loans at favourable rates to agencies that do not have ready access to the credit markets; its debt is a direct obligation of the U.S. Treasury.

The USA Federal bureaucracy had become so large and required so much capitalization that regular banking channels were not equipped with sufficient reserves to do so. In addition, specialized sanctioned megasource capital was not available legally or practically

to the borrowing requirements of the smaller agencies. The FFB would act as a loan consolidator which the Treasury Department would fund from capitalization pools of \$1 billion and up. Government deficit financing was growing, government budgets were growing, banking reserves were not keeping pace.

1,973 A.D.

On October 6, The Middle East War (Yom Kippur War) begins between Israel and two Arab countries, Egypt and Syria. Both had been conducting military exercises immediately beforehand and the Arabs, it was believed, had misunderstood the intentions of the Israelis and were preparing to mount a joint action. It was the Jewish Day of Atonement, Yom Kippur, their holiest day of the year. The Arab attack was premeditated even though expected to fail from the beginning.

Yom Kippur, the 10th day of Tishri (the 7th month of the Jewish Biblical calendar), is the day on which all Jews mourn for their sins. Only on this day does the High Priest enter the Most Holy of Holies (room) in the Temple. Special clothing must be worn, to show reverence, and the blood from sacrificed animals is sprinkled before the mercy seat. For 24 hours, the people are to do no work; they are to spend the full duration confessing the sins which they have been guilty of for the past year. In the Christian context, Jesus Messiah (Christ) took the place of this sacrifice.

By accepting the Way of Life which he preached and accepting the guidance of the Holy Spirit, God's communication link with individual humans, one's conscience was expected to be purged through humility and forgiveness. At that point, one's power of choice, by continual reference to the guidance of the Holy Spirit, was to enable one to become a son of God through that day-to-day following of God's plan for the individual.

Within the Jewish tradition, every 50th anniversary of Yom Kippur is known as the Year of Jubilee. During that year, all debts were cancelled, slaves were set free, and family lands that had been sold would be returned to their original owners. For the Jews, Yom Kippur is both their holiest day and a time for renewal.

The Arab armies attacked Israel without warning with more than 100,000 soldiers invading the Sinai against some 3,000 defenders on the Bar Lev line on the Canal. During the first day of the attack, attackers from Syria, armed with 1,200 of the latest model Soviet tanks and modern anti-tank weapons, destroyed most of the Israeli defenses in the Golan Heights region. Once they had completed their initial advance, the Arab Syrian armies paused to regroup.

To the south, Egyptian forces had been similarly successful with the use of new Soviet-made ground-to-air missiles which had downed many Israeli planes and pilots.

Soviet anti-aircraft missiles enabled the Egyptians to destroy most of Israel's tank force. It was at this point, just before the big push from the north and south, which was expected to take control of the rest of the state, that all of the invading troops stopped.

They had received word from an Egyptian intelligence agent behind Israeli lines that the Israelis were preparing to detonate a group of emergency nuclear devices designed to annihilate Israel AND all invading forces in the event of an indefensible position. That pause kept Israel from being overrun and gave the Israelis enough time to mount a defense and win the war.

Egyptian leader, Anwar Sadat, achieved his fundamental objective of shaking belief in Israel's invincibility and Arab impotence and thus transformed the psychological basis of the negotiating stalemate. Sadat aimed not for territorial gain but for a crisis that would alter the attitudes into which the parties were then frozen - and thereby open the way for negotiations. The shock would enable both sides, including Egypt, to show a flexibility that was impossible while Israel considered itself militarily supreme and Egypt was paralysed by humiliation.

Sadat sought a war to restore Egypt's self-respect and thereby increase its diplomatic flexibility. Syria fought for more conventional and literal objectives: It simply wanted to regain occupied territory and at a minimum to inflict casualties on Israel. The boldness of Sadat's strategy lay in planning for what no one could imagine; that was the principal reason the Arabs achieved surprise.

Moscow had sought to impede any possible Egyptian move by slowing down military deliveries and working against him in Syria. On the other hand, after the Egyptian Chief of Intelligence, Hafiz Ismail visited Moscow in February, 1973, Egypt apparently concluded that it was free to consult its own interests short of actions that might lead to a Soviet-U.S. war. In diplomatic language this was an invitation to limited war.

The U.S.A. National Security Agency (NSA) had intercepted thousands of Arab communications indicating war and detailing plans, but because of the sheer volume of these messages, many key intercepts were never analyzed. In addition, some of the more sensitive of the NSA's intercepts were never analyzed. In addition, some of the more sensitive of the NSA's intercepts (revealing cryptographic success or unexpected monitoring ability) were held back from analysts for security purposes.

The secret methods of Henry Kissinger and President Nixon further frustrated American intelligence efforts by preventing analysts from having access to their conversations with heads of state and high-level diplomatic connections. A CIA source, who accurately reported the Egyptian preparations for war, was disbelieved.

The Israelis won the war with largely USA-made armaments and superior tactics against the Syrian's advanced Soviet-made SAM missiles and top-of-the-line T-72 tanks.

This continuing attitude of authoritarian paternalism held by American presidents (Truman, Eisenhower, Kennedy, Nixon) effectively resulted in a political dictatorship by the President and his close advisors over global policies. The danger is that such an attitude assumes an ethnocentric superiority and right to world leadership/ domination such as that held previously by Alexander the Great, Genghiz Khan, various Roman Catholic popes, Adolf Hitler.

Such intolerance and irreverence has historically resulted in the loss of millions of human lives, the reduction of the standard of living of the masses, decreased general human spirituality - eventually resulting in political anarchy, environmental degradation, cultural fall.

The Grays find this apparent inability of humans to coexist with each other and their environment disgusting. The Reds are shamed by the power of consciousness which they conveyed to the human animal which has proven to be an experimental disaster. The Blonds are hopeful in that humans represent a kindred lifeform to them and IF only humans would become more spiritual in direction, their lifestyle conflicts would disappear: the Earth could become a "heaven".

Kissinger describes a crisis as follows:

"A crisis does not always appear to a policymaker as a series of dramatic events. Usually, it imposes itself as an exhausting agenda of petty chores demanding both concentration and endurance. One is forced to react to scraps of information in very limited spans of time; longing for full knowledge, one must chart a route through the murk of unknowing. Operationally, a crisis resolves itself into minutiae that must be attended to with painstaking care, which includes the need to ensure that all parties work from the same body of information."

Kissinger also outlined American intelligence channels as:

"There are two ways in which intelligence reaches top officials. One is through an agreed National Intelligence Estimate of all the different agencies represented on the U.S. Intelligence Board. This usually requires several days to accomplish. Another is the individual assessment of the intelligence agency serving a particular Cabinet member - the Defense Intelligence Agency (DIA) for the Secretary of Defense; INR for the Secretary of State. The CIA is technically available to all agencies of the government; however, it usually undertakes special studies for the President. Its

director is the titular head and actual coordinator of all the various departmental intelligence units."

Kissinger also warned policymakers in his statement of responsibility:

"Policymakers cannot hide behind their analysts if they miss the essence of an issue. They can never know all the facts, but they have a duty to ask the right questions. This was the real failure on the eve of the Mideast war. We had become too complacent about our own assumptions. We knew everything but understood little. And for that the highest officials - including me - must assume responsibility."

1,973 A.D.

On October 10, U.S.A. vice-president Spiro Agnew resigned on condition that he not be prosecuted.

1,973 A.D.

On October 11, in Tanner Williams, Alabama, a three-year old boy tells his mother that he had been playing with a nice monster that had gray wrinkled skin and pointed ears. The description is confirmed by another incident a few days later.

1,973 A.D.

In the late afternoon of October 11, Terry Eversole and his sister, in Connorsville, Indiana, report a disc-shaped object with a segmented compartment on the bottom. They describe it as silver with a dome on top and 3 green doors on the bottom. After several seconds, it sped off towards the horizon and disappeared.

1,973 A.D.

In the early evening of October 11, Bill Temper and 50 other people in Connorsville

watched an oval-shaped object with a pale yellow light on top. They reported a segmented compartment on the bottom. It crossed the sky until it was over a restricted area where it hovered briefly and then settled to the ground. After 30 minutes, the object rose, hovered, and disappeared.

1,973 A.D.

Randi Stevens, Joel Burns, and 3 others, early in the evening of October 11, see an object hovering near Laurel, Indiana. They describe it as looking like 2 saucers put together with a segmented bottom. The object hovered until a truck driver who had been watching got into his cab and blew the horn.

1,973 A.D.

Charles E. Hickson and Calvin R. Parker, Jr., on October 11, report to the sheriff's office in Pascagoula, Mississippi, that while fishing nearby they saw a strange object land, were abducted by strange beings, and subjected to a physical examination on the craft for 25 or 30 minutes.

While fishing from the pier at the Shaupeter shipyard, Hickson turned to go for more bait, heard a "zipping" noise, looked up, saw an elongated, oval, bluish-grey craft, which was had very bright flashing 'blue-looking' lights. The object was hovering some 2 feet off the ground, it seemed to open up, and 3 beings came floating towards the fishermen. They describe the beings as pale, ghost-like, about 5 feet tall, wrinkled, gray skin, with crab-like claws in place of hands. The beings had 2 small cone-shaped ears and a pointed nose.

The beings floated towards Hickson and Parker without seeming to move their legs. A buzzing noise was heard from one of them. Parker passed out when one of them touched him, and Hickson, the older man felt paralysed. Hickson was picked up and floated into a bright room in the craft which had no visible light fixtures. Parker was apparently taken into a separate room by another being. Hickson remembers being placed in a reclining position and suspended such that no part of him touched the craft. Only his eyes were free to move.

An instrument that looked like a big eye floated freely backwards and forwards about 9 inches over his body. He was turned by the beings so that all of him could be passed over by the instrument. After some time, he was guided back outside the craft and floated back into position with Parker on the pier as they were originally. Hickson felt so weak, that he fell over. The craft was 10 feet wide and 8 feet high.

Hickson described the occupants like robots, in that they acted as if they had a specific thing to do, and they did it. They did not try to communicate; however, Hickson emphasized that they did not mean them any harm and did not intend to hurt he or Parker physically.

They reported the incident to sheriff Fred Diamond who with Captain Glen Ryder interrogated them in an unsuccessful effort to break their story. Calvin Parker was so emotionally overcome after the interrogation, that, left alone when Hickson left the room, he started to pray. The next morning they were taken to the Keesler Air Force Base at Biloxi, Mississippi, where they gave their report to the head of intelligence, who responded as if he had heard it all before.

On October 14, Dr. James Harder hypnotically regressed both men individually and remarked afterwards that the experience would have had to be a real one for it was almost impossible to fake under hypnosis the very strong feeling of terror which they felt.

By October 30, Parker was having a nervous breakdown while Hickson was undergoing a polygraph test at the Pendelton Detective Agency in New Orleans. The operator, Scott Glasgow, was forced to admit after 2-1/2 hours of exhaustive tests that Hickson was telling the truth. Thereafter, Hickson received considerable publicity and with the extended repetition of the story, his details tended to change to a degree. Many owners of television sets in the area reported interference during the time of the incident.

1,973 A.D.

On October 11, a former Methodist minister, while driving near Hartwell, Georgia, saw a UFO land on the highway in front of him and saw silver-suited white-haired occupants.

1,973 A.D.

Police Chief Greenhaw, of Falkville, Alabama, while on his way to investigate a reported sighting, saw a figure, seemingly dressed in aluminum foil on a side road. He took 4 Polaroid pictures before it ran off and eluded him.

1,973 A.D.

Allen Robbins and his wife, in Boulder, Colorado, on October 11, reported seeing a strange object, a slowly rotating craft with a string of lights on the bottom which divided it into

thirds. It maintained a steady speed as it silently approached them at a high altitude and flew past.

1,973 A.D.

On the evening of October 11, James Cline, in Berea, Tennessee, was awakened by barking dogs and saw a UFO with blinking lights in the woods and a being across the road with a glowing white head. Tracks from both the creature and the UFO were found the next day.

1,973 A.D.

Following the Yom Kippur War, the Samson Complex was said by an Israeli general to have replaced the former Masada Complex. In a manner of cultural brainwashing, beginning with the formation of the modern state of Israel in the latter 1940's, all military officers were sworn in at an emotional ceremony at Masada.

At about 73 A.D., hundreds of Israelis had murdered their own wives and children and committed suicide rather than by taken prisoner by the Romans. As a form of cultural pride and shame combined, modern Jews had taken an oath to never let Masada fall to an enemy again. Throughout the 1950's and 1960's this had been expressed by the Jewish military in a willingness to defend and attack with the tenacity and ferocity of one who has promised to fight to the death.

In the initial stage of the Yom Kippur War, when Israeli defenses appeared to be facing a totally overwhelming enemy in terms of numbers and preparation, General Moshe Dayan, then chief of Israel's defense, told the Prime Minister Golda Meir: "The Third Temple is falling, arm the doomsday weapon." The term "the Third Temple" had become a common Jewish description of the modern state of Israel. Israel had American-supplied nuclear weapons which could have been deployed within a day. Samson, in the Old Testament story, chose death over defeat and enslavement. The form of his death destroyed his enemies as well.

Against increasingly heavily equipped Arab countries surrounding Israel and threatening to destroy it and reabsorb it, modern Israeli defenders have now taken the precaution - inline with the spiritually negative precepts of tribalism - that, if we can't have this land, nobody will! If they believe they are facing defeat, Israeli leaders will order the annihilation of their own country rather than "allow" their people to be conquered.

1,973 A.D.

On October 15, a cab driver reported that his car was stalled by a blue UFO that landed in front of him. He heard a tapping on his windshield and saw what looked like a "crab-like" claw. An abduction may have been involved.

1,973 A.D.

On October 16, William and Donna Hackett were travelling along an Oklahoma county road when they saw a bright light in the south. At first they thought it was a farm security light, but it seemed to pace their truck and be getting closer. As the object turned towards the truck and began descending, Donna begged her husband to stop for a moment. When the truck was stopped, the object stopped also, hovering near the front of the truck. Both could hear or feel a low-pitched hum. There was a blinding white light from the object that Hackett thought to be the size of a Boeing 707 aircraft.

As Mr. Williams sat in the cab, Donna got out and moved to the back of the pickup 3 times, each time being called back by William. Finally, Hackett drove away and as he did so, the UFO moved off in the opposite direction, gaining altitude as it went. They later reported that they had felt that the beings in the craft knew everything they were thinking.

1,973 A.D.

In Watauga, Tennessee, on October 17, a witness saw a copper-coloured object hover just above the ground while a tall being reached out, apparently to grab 2 children. The being had clawlike hands and wide blinking eyes.

1,973 A.D.

On October 17, Police Chief Jeff Greenshaw of Falkville, Alabama, photographed a tall being in a silvery suit after he was called into the area to check on a UFO sighting. Greenshaw stopped his car when he saw a being as it moved slowly towards him. After a few moments, it turned and began running and Greenshaw pursued it until his car spun off the road. Various investigators labelled it a hoax after NASA produced photos of its firefighting suit that resembled the photographed being.

1,973 A.D.

Paul Brown, also on October 17, had a cone-shaped object land in front of him, forcing him to stop. As he got out, two small beings in silver suits and white gloves confronted him. Brown fired several shots at them or the object from his revolver and they returned to their craft and took off.

1,973 A.D.

In Mississippi, on October 17, a UFO landed on a highway, blocking traffic. As one car approached, its lights went out and the engine died. Occupants of the car saw a humanoid with a wide mouth, flipper feet, and webbing between the legs.

1,973 A.D.

Clarence Patterson, described how both he and his pickup truck were sucked into a huge, cigar-shaped craft. He was jerked out of the cab by several robot-like creatures who seemed to read his mind. He blacked out and regained consciousness back on the highway driving at 90 mph.

1,973 A.D.

Pat Roach (a.k.a. Pat Price) was taken from her house along with several of her children, on October 17, by several tiny creatures just before midnight. The beings also took some neighbours into their craft which had landed in a secluded field near her home.

Only Roach's youngest daughter remembered anything of the incident. The woman had called police after the incident, believing that a prowler had been in her house. It would be 2 years before the details of the sighting were learned through hypnotic regression of the subjects.

1,973 A.D.

Just before midnight, on October 17, Herchel Fueston, a patrolman for the Noblesville, Indiana, police reported a cigar-shaped object which moved to the southwest and brightened its lights when he shone his spotlight on it. It flew over the Morse Reservoir and hovered briefly. Fueston reported a row of portholes but could see nothing behind them.

Finally, the object descended to treetop level and disappeared.

1,973 A.D.

Susan Ramstead, a young businesswoman working for a major corporation, while on her way to work, on October 18, saw a landed craft in a cornfield as she was on her way to a business conference. It was a disc-shaped craft with a slight dome on top. It gave off a blue glow that seemed to be reflected by the ground around it.

As she approached it, the car stalled and its lights went out. A few minutes later, it took off, disappearing in the distance. She had been in contact with her husband on the CB radio describing the sighting to him, but when the car stalled, the radio faded. She thought she had been out of touch for five minutes, but her husband was certain that it was more like 20 or 30 minutes.

The time discrepancy was not investigated further until 1977 when author and researcher, Captain Kevin D. Randle, USAF ret. suggested that she try hypnosis to see if there was anything more to the time loss. Under hypnosis, she described short beings with no real facial features coming to her car and standing around it.

Next she remembered being in a craft, being examined, strapped to a table. The craft felt cold and the surroundings were bright. There were machines with computer-like screens. The aliens appeared to her to be cold and unfeeling. After they gathered their information she was left to herself to get dressed. She was escorted from the ship and next found herself sitting in the front seat of her car with the ship in the sky.

In 1983, she got back to Captain Randle inquiring about the meaning of dreams, fearful dreams that seemed to repeat and contained aliens. When he visited her, she then regarded her memories as real and was concerned about having awakened to find blood on her pillow. On further questioning, on under separate hypnosis sessions for both her and her husband, the following was revealed:

The aliens had told her that they had selected certain people as guinea pigs. Their lives were going to be followed while the aliens stood off and patiently waited for time to pass. They couldn't maintain daily surveillance, but they could, periodically, swoop in and scoop up those selected people.

A tiny metal spherical object was placed in the subject's nose as a kind of homing device. Between the first abduction and the last, when the device was removed, Susan had experienced a chronically stuffed-nose feeling and headaches. When it had been removed on the last visit they made to her, she awoke after to find blood on her pillow and nightdress; however, her headaches ceased to occur and her nose felt cleared from that

time on.

With hypnotic regression and memory-enhancing drugs, the subjects could be interviewed, their lives reviewed and an updated biography produced.

Her husband, John, mentioned that he awakened one night to see small creatures standing at the end of the bed. They were small gray men with big, dark eyes, no facial features, and pale skin. He tried to move but found himself paralysed. He felt panic; one of the creatures moved to him and touched his shoulder, following which he relaxed. He watched as his wife was taken from the room, one alien remaining with him. A long time later, Susan was returned, put in bed, and as the creatures left, he went back to sleep. He had remembered nothing the next day.

A second time, he reported that again Susan was taken from the room, but then the creatures returned, one approached him, raised a hand, and floated John outside to the craft. He also found the craft brightly lit and cold. The aliens probed his body with needles and tissue samples were taken from cuts.

There was no communication with him.

They then returned him to his bed. A few minutes later, Susan was back; the next morning there was blood on her pillow.

There had been a number of intervening visits and at one point, Susan reported that she was no longer interested in sex and avoided contact with her husband, but that he didn't seem to care much at that point. The aliens returned and the feelings she had been concerned about evaporated.

1,973 A.D.

During the year, Wilson Bryan Key reported the results of inquiries made to commercial research firms in the North American Cities of New York, Chicago, and Toronto. Thirteen of the firms were prepared to offer some sort of mechanically induced, subliminal message service to advertisers. There were still no rules forbidding the use of subliminal images in motion pictures or in supermarkets or taverns. And there were very few legal prohibitions against any kind of subliminal stimulation.

For the restrictions which did exist, no investigations were usually carried out unless complaints were received. Most of the public believed that they were safe under the watchful eyes of the government administration and such confidence together with general apathy led to few complaints. In addition, the sophistication of the techniques in use required the testimony of experts and the use of equally sophisticated detection equipment plus prosecutors and judges which were fully aware of the industry in order to obtain any

convictions. Such a combination was demonstrated to be impossible to attain.

1,973 A.D.

On October 19, a woman near Ashburn, Georgia, reported that her car engine died and she lost her power steering and brakes. As she was coasting to a stop at the side of the road, a small man in metallic clothes appeared. The woman described the being as having a bubble head and rectangular eyes. It walked around the car and then vanished.

1,973 A.D.

On October 19, a farm couple in Copeland, North Carolina, discovered an oval object hovering near their home. There was a small humanoid in a gold metallic jumpsuit moving near it.

1,973 A.D.

On October 20, a college student on her way home, vanishes for a few days. When she reappears she describes being taken onto an alien craft and examined through a series of long and painful tests. Years later, the significance of the event and the memory of the events would become clear.

1,973 A.D.

On October 21, a mother and her son in Ohio sight a gray humanoid near a landed UFO. A search of the field produced ground traces.

1,973 A.D.

On October 22, Debbie Carney spots 2 beings wearing silver suits on the road in front of her car, near Hartford City, Indiana. She drives on past them quickly.

1,973 A.D.

On October 22, De Wayne Donathan and his wife, in Hartford City, Indiana, while returning home, see a flash of light in the road ahead and thinking it is the reflector on a tractor in front of them, he slams on the brakes. In the field near them, they see two beings jumping around in movements Donathan describes as dancing.

1,973 A.D.

Gary Flatter drives by the same area as the Donathan's 2 hours after them, looking for the aliens. He sees them standing in a ploughed field and when he turns his truck's spotlight on them, is almost blinded by the reflection from their suits. He describes them as 4 feet tall, with egg-shaped heads and gas masks with tubes running to their chests, Shortly after he turns the light on them, they leap away. Footprints are found in the field the next day.

1,973 A.D.

A North Carolina man, on October 24, sees a low-flying oval craft when his car engine stalls. He is reported to have seen a being with blazing red eyes.

1,973 A.D.

On October 28, Israeli and Egyptian military representatives met for direct talks for the first time in 25 years, under the auspices of UN observers.

1,973 A.D.

Mr. Dionisio Llanca is taken to a hospital near his home in Bahia Blanca, Argentina, on October 28, complaining of amnesia and loss of appetite. Doctors, using hypnotic regression, learn that he had been abducted by 2 men and a woman from a UFO.

1,973 A.D.

Dionisio Llanca, on October 28, was taken to a hospital near his home in Bahia Blanca, Argentina, where he complained of amnesia and loss of appetite. Doctors, using hypnotic regression, learned that he had been picked up by 2 men and a woman from a UFO. On board the craft he was subjected to a physical examination, during which blood samples were taken. Later he was returned to his truck.

1,973 A.D.

On November 2, Lyndia Morel, while driving in New Hampshire, saw a strange yellow light in the distance as she drove to work. As she watched it, it appeared to come closer until she could tell that it was spherical and covered with a honeycomb. There was a single, oval window and behind it was a creature with gray wrinkled skin and large slanted eyes. As she drove on, she felt drawn to the UFO and kept looking at it. She became frightened and pulled into a farm driveway and sought sanctuary in the farmer's house.

1,973 A.D.

On November 3, Mariner 10, a 503 kg, interplanetary satellite was launched by an Atlas Centaur rocket from Cape Canaveral.

During February 5, 1974, it would record 3500 images with its twin TV cameras as it passed Venus at 5760 km. One camera had UV filters and was able to reveal global atmospheric circulation. It was confirmed that an upper atmosphere rotates every 4 earth-days compared to the 243-day period of Venus. On March 16, a course alteration redirected M10 towards Mercury,

On March 29, 1974, a 271 km flyby was achieved with 2300 images being recorded from 6 days away until 10 days later. They revealed a heavily cratered surface. A 1290 km diameter Caloris Basin was discovered, the creating impact of which had scared the opposite hemisphere. The IR radiometer recorded temperatures ranging from 188 degrees Centigrade on the night side to estimated temperatures of 293-427 degrees Centigrade on the solar side, depending upon distance from the Sun in its circumsolar path.

Mariner's 176-day orbit was in phase with Mercury's 88-day period, allowing a second visit on September 21, 1974, at 48,069 km when 1000 images exhibiting resolutions down to 1 km were recorded. An iron core within the planet, occupying half the planet's volume, was indicated by mass and trajectory calculations.

A third and final encounter took place on March 16, 1975, at 319 km during which 349 images were returned with resolutions down to 140 metres. Earth-based controllers developed a solar sailing technique to extend the useful life of the craft by using the pressure of solar radiation on the moveable high-gain antenna and the solar panels to stabilize it. By the end of the 3rd encounter, 57% of the surface of Mercury had been recorded. On the 3rd encounter, it was also confirmed that Mercury is one of a few magnetized planets in the Earth's Solar system.

1,973 A.D.

On November 4, Rex Snow and his wife, living in New Hampshire, were awakened just after midnight to see 2 small beings wearing silver suits gathering samples. Snow ordered his aggressive German shepard to attack, but it stopped far short and ran back to the house.

1,973 A.D.

A U.S.A. Gallup opinion poll indicated that 51% of Americans believed that UFOs or flying saucers were real and not just a figment of the imagination or cases of hallucination.

1,973 A.D.

Gold Stock is given a set price in the USA of \$42.22 a troy ounce for the purpose of American Treasury valuation of reserves.

Monetary gold reserves consist of Gold Certificates, issued by the Treasury to the Federal Reserve (for tax authority - deficit funding), and gold bullion against which certificates are not issued. The Treasury's gold stock does not include gold reserves held by the Exchange Stabilization Fund, USA contributions to the IMF, and gold held as reserves at the Federal Reserve Bank of New York for foreign and international accounts.

Gold Certificates will be used for collateral funding of Fed reserves in the future. Such a process is as risky as taking out an indenture to pay off business losses. Sooner or later, the indenture must be repaid in capital or labour. You have not cleared the debt - merely changed the creditor. In this case, the creditor does not know that it has capitalized the reserves of a central (government) bank which capitalizes the reserves of those private banks which subscribe to its authority in policy-making.

1,973 A.D.

On November 30, near Turin, Italy - Riccardo Marano, while preparing to land his Piper Navajo was advised by the control tower that there was an object 4000 feet above the runway. It reportedly disappeared only to be reported behind Marano at 12,000 feet. He saw a bright luminous sphere, which was emitting light of all colours, pulsating from bright to dim. Following the UFO, he found that it could make "fantastic lateral deviations and sudden vast jumps to and fro". He estimated its speed at 550 mph.

1,973 A.D.

In December, F. Sherwood Rowland and Mario Molina, of the University of California, first perfected the calculations that showed the destructive power of fluorocarbons on the Earth's atmosphere.

In 1972, Rowland and others had begun to wonder about what happened to fluorocarbons in the atmosphere when their calculations indicated that the quantity of fluorocarbons in the atmosphere almost equalled the amount produced by the chemical industry. They had expected that the chemical would go through some normal disintegration process when exposed to the ultraviolet light of the upper atmosphere; however, these chemicals were not normal Earth origin organic compounds - they were human-made.

Their calculations now indicated that fluorocarbons remained stable in the lower atmosphere. Once they reached an altitude of 50 to 80 kilometres (30 to 50 miles) above the Earth, the ultraviolet light from the Sun did break the molecules apart and knocked off the chlorine atoms. These chlorine atoms then combined with the ozone in the life protecting ozone belt with each chlorine atom destroying up to 100,000 molecules of ozone! Rowland was stunned by the results. At first he thought he had made some error in calculation but on rechecking everything they could not deny the result.

They announced their findings and called for an immediate ban on chlorofluorocarbons (CFCs). They announced that the weakening of the ozone layer could cause a marked increase in skin cancers for humans and contribute to global climatic change. Acting as theoretical scientists working in the perceptual environment exclusive of the competitive industro-political-social world.

The CFC industry was big: \$28 billion-a-year.

The industry bought its own scientific spokespersons to rationalize away Rowland and Molina's findings and suggestions in an attempt to discredit them. In August of 1977, the president of one aerosol-manufacturing firm suggested the criticism of CFCs was being "orchestrated by the Ministry of Disinformation of the KGB." A year or so later, computer simulations confirmed Rowland and Molnar's theory that CFCs could be broken down in the upper atmosphere and their theory was widely accepted.

Politically, the discussions went on with bureaucratic delays, lobbying by manufacturers and public discussion of the theories. Citizens of North American nations and Europe began boycotting the products and using demonstrations and letter-writings campaigns to influence their political representatives, and, some governments began to regulate the use of CFCs in consumer and commercial spray can products. For an industry of this size, with profits as the only motive for existence, that was not the end of the problem.

The industry expanded its promotion of the use of CFCs into areas less noticeable to the public. It was used in coolants in commercial and car air conditioners and refrigerators; foaming agents in foam insulation, packaging, and cushioning; solvents that clean solder

from electronic components - while CFC-like compounds called halons, which were 10 times more potent as ozone depleters, were developed and used in fire extinguishers. All the while, theoretical-minded scientists including manufacturer-sponsored lobbyists tried to minimize and define the extent of the possible injury to the ecosphere of the planet with calculations of the degree of ozone depletion which could occur from the use of such products.

1,973 A.D.

Near the end of the year, Comet Kohoutek is discovered by a Czech astronomer of the same name. Dramatic expectations of brightness and uniqueness are not realized when it passes. Several observational rockets are launched with little benefit gained:

January 05, 1974: Aerobee 200 rocket from White Sands Missile Range, N. Mexico;

January 08, 1974: Aerobee 200 rocket from White Sands Missile Range, N. Mexico.

1,973 A.D.

By the end of the year, amniocentesis was a medical procedure which many doctors throughout the world were totally unfamiliar with. Developed in the early 1970s, presumably to determine whether the fetus harboured any genetic illness, to allow rationalization of an abortion, the process became used almost exclusively to determine the gender of the prospective child.

A 4-inch-long hypodermic needle was used to puncture the pregnant woman's abdomen and withdraw fluid from the sac surrounding the fetus. The fluid would contain cells which had been sloughed off by the fetus during its aging and development. These "dead" cells were examined, and, could reveal some genetic illnesses and the fetus' gender by the fourth month of pregnancy. Two problems which can arise are the small potential for damage to the fetus from the needle and the potential for a decision for abortion of a half grown (in time) baby.

In 1975, a medical geneticist at the Mount Sinai School Of Medicine in New York City, found that of an estimated 4,000 pregnant American women who had underwent amniocentesis that year, 5% were found to have fetuses with serious defects. Most of these were aborted. There was no analysis as to whether some of these, because of their defects, might have normally miscarried, if allowed to do so.

Many of the mothers who opted for the abortions reported to have suffered afterward from deep remorse. Some of them terminated sexual relations. Others were divorced. By 1976,

the number of American women undergoing amniocentesis would reach 10,000. At a 5% rejection rate, as many as 500 abortions might occur.

1,973 A.D.

During December, the publication of "Touch for Health", by John F. Thie, D.C. with Mary Marks, would introduce a "new approach to restoring our natural energies" which enabled the empowerment of the individual to attain, maintain, and retain the life energy strengths which promote health and constructive decisionmaking.

"When the public spends \$5,200,000,000 for prescription drugs and another \$2,200,000,000 for non-prescription drugs a year and they don't need two-thirds of them, it is time we take stock of what is going on in the health field."

With the lifestyle change requirements necessary to take advantage of such self-empowering possibilities, the slow acceptance and rise in popularity of this form of health maintenance would confirm the degree by which the North American peoples had become enslaved to the materialistic addiction of authoritarianism. Thie and Marks presented an awareness and life participation tool which opposed the continued wealth accumulation of the North American medical establishment (pharmaceutical companies, state-sanctioned doctors, hospitals, chronic care services, drug stores, and, politics) by making available to the average individual an effective means of self-enhancement.

The Touch-for-Health system also threatened the patterned enslavement of the citizens involved. That is, they were challenged to leave the comfort, security, simplicity, dependency, passivity, despair, self-deception, and defeatism of their current illness plagued lifestyle and move into the sensual life involvement lifestyle of someone who has positive self-expectancy, a positive self-image, a desire for positive self-control, a self-assertive sense of hope, a positive awareness of possibilities, a positive self-motivation for discovery, and, a positive self-direction to win over injury, pain, weakness, disease, and the lack of faith of others.

The process itself could now be learned, understood and practiced by most humans of age 8 or older. There was a catch, a qualifier, a basic requirement of the spirit. Before any individual would arrange the time, spend the energy, and consider the benefits - a willingness to self-sacrifice for the benefit of oneself and others had to be present. Miracles don't just happen, most of the time. Anyone willing to strengthen the spiritual skills of which they are capable can perform miracles. But to perform miracles, you cannot be a

slave.

That is, as long as you live your life by the decisions, expectations, assumptions, demands, and beliefs of other persons - you are their slave, a robot. Programmed accurately and appropriately, a robot can very efficiently, productively and repetitively perform the functions which the operator (master) desires for his or her own gain. The robot is treated as if it has no feelings, expresses no feelings, and is sensually dead.

Can a robot not know what it is?

Can a moving, reacting, participating, programmed lifeform be content NOT to be able to explore, discover, sense, change, choose, interact - have a sensual expression of "life"? Yes! Machine or human, what has never been experienced, never modelled, never spoken about, never sanctioned - can neither be missed nor chosen. There may be a chronic sense of loss, worthlessness, resignation, abandonment, and dependency - but, if that is all there has ever been - that is the status quo; that is "normal."

With a heavy emphasis on material security, social acceptance and recognition, sensual loss replacement, and pride - most individuals had been imprinted, modelled and rewarded for playing the game of authoritarian reaction addictiveness. To the extent that any civilization can respond with uniform and intense feelings to keywords which of themselves have the potential to hold many meanings for individuals with differing experiences and degrees of self- and global-awareness - it has become robotized. Like lambs led to the slaughter, the masses are led by those who choose to deceive and manipulate them.

Self-appointed leaders rationalize their selfish and immature intents behind statements of national purpose and social benefit. The addiction play out repeatedly: the leader, like a vampire, sucks the spirit of hope and performance from the follower with the promise that this same spirit will be returned renewed and strong, and fails. The spirit is returned weakened by failure, frustration, anxiety, betrayal, anger, and, a greater sense of needing to be "saved" - of dependency and enslavement. The promises are made again, and the process repeated.

Where is the intelligence?

The light is on in the house but no one is home!

Humans have the capability to be sensual spiritual participants in the direction of their life - until, the conspiracy of human-based authority makes the participant into a part.

The benefits of the Touch-for-Health approach to healthfulness have continuously been demonstrated from their introduction. Yet by 1996, the leaders of the North American societies would NOT have introduced the following changes which could have resulted in a reduction of healthcare costs by 75%:

1. Training of all General Practitioners in the art;

- 2. Universal high school curriculum adoption;**
- 3. Widespread testing and verification of results;**
- 4. A government-assisted base of applied kinesiology clinics;**
- 5. A patient-focused health care system, not authority-based;**
- 6. Related self-awareness opportunities to decrease disease;**
- 7. A national attempt to raise awareness of addictions.**

The fact that NONE of these options were seriously considered or introduced is an indication of the degree of spiritual enslavement is present in North America. Consider that in most other agrarian and industrialized economies, human-based authority systems of interaction are more restrictive and the degree of robotization is more intense and extensive.

For those who would develop the abilities to effectively practice the Touch-for-Health approach, two qualities would have to be present. First, the individual had to see themselves with the reverent sensual perspective that they were part of life - rather than that life was part of them. That is, they had learned to be intimately aware of themselves: how they felt; what they could and could not do; how others thought of them; what they wanted most to be part of their life; that the present is what can be experienced and changed with certainty; that making one's own choices is more constructive than allowing others to make them and receive the praise for any successes. They had to be individuals, who at least sometimes, wanted to explore, discover, be fascinated by, become enthusiastic - and yet could also be humble in their search, inviting of change, honest about one's weaknesses, and benevolent in sharing. They knew that they had and could continue to learn from the past and from the experiences of others.

For some, this departure from robotization came at the point of acute pain, chronic tension, potential death, and extended disappointment with the inadequacies and non-performance of the conservative medical establishment. They had to be willing and ready to set aside the empty promises of servitude and rebel or react. In desperation - for survival - some would react and look to the new approach for new authorities, new leaders, new procedures to follow. Others would rebel and seek to fulfill the same old promises of better and longer-lasting health by empowering themselves. Either way, their motto might have become: "I live every moment, enjoying as much, relating as much, doing as much, giving as much - as I responsibly can."

The second factor neither often found nor institutionally sanctioned in a human-based authority society was that of self-projection. Instead of listening to and being guided by the statements of parents, friends, associates, enemies, competitors, bullies, and leaders as to what was expected of him or her, these individuals had to have the self-confidence and faith that often comes from self-expression, experience and achievement - to visualize themselves as succeeding.

They couldn't wait around for someone else to encourage them, pay them, or make it easy for them. Usually, there would be many people to tell them that trying something new wasn't going to work, that the authorities knew best, that they should grow up and just accept their misery, that their pain or illness wasn't really that bad, that any new process could only be a fraud because everything that worked had already been discovered, - there would be no end to the rationalizations for simply remaining a slave to the domination of a power-centred system.

These individuals had to learn to take responsibility for themselves. They knew that everybody had already had their say, their chance to probe and poke, their choice of drugs and excuses. Now it was the patient's opportunity to become the doctor and to practice in a non-threatening, non-invasive, non-destructive manner. And some aspect of faith and spiritual strength within them confirmed to them that they could do it. They knew they didn't know how - and they knew they could learn; they wanted to learn.

One of the basic diagnostic methods incorporated into the Touch-for-Health approach was that of muscle-testing. Used for many years to evaluate the function and effectiveness of an individual's muscles relative to their state of health, these tests show weaknesses which physical therapist had often seen as good or within normal limits, as opposed to complete loss of control or paralysis. But as Thie and Marks pointed out, operating at 50% strength is not good enough for robust health - especially if 100% can be attained relatively easily. In addition, Thie and Marks stipulated that there should be no more than a 15% difference in strength between the right and left sides of the body irrespective of which hand was more dominant.

"We test a muscle, and if it is strong, it's really strong. If it isn't we try to do something about it. Of course, we have to take into account the person being tested. A child will not be as strong as an adult, and some of the muscles, especially the neck and abdominal muscles, are not fully developed in the early years. However, the amount of resistance a child can give a muscle test is often surprising. Find a strong muscle and compare it with a weak one on the same person.

It is the relative difference, out of balance with their general condition, which is significant. When testing a person whose strength is very great, such as an athlete or someone who does muscle building exercises, sometimes it is difficult to find weaknesses. This is because the weakness on a very strong person is out of the range of strength which could be distinguished by the tester. The relative difference between the very strong person's normal strength and his weaknesses may be difficult to judge. When testing under these circumstances, we have to consider even the slightest give in the test as a weakness. The person may also communicate feelings about the individual tests. Consider the posture and the tensions, and use any of the methods of analysis to help determine where to work.

The testing positions are intended to isolate the muscle from the group that it normally

works with. Since the muscle is being isolated, it is at a disadvantage. Muscles don't normally work singly, so one by itself is not going to be as strong as if it were used in the usual way. For this reason, it is important to test only the first couple of inches of the range of the muscle action, applying the pressure gradually and releasing it gradually. With a greater or sudden force, even a strong muscle could be overcome, and this is not the point of the test. The muscles will either be strong in the first part of the test, locking in place, or it will give way completely and swing easily through a larger span of the test area.

Learn to feel the difference in the first few inches of the test, either locking (relative to the person's normal strength) or mushy (giving way). Sometimes a muscle which is on the borderline will give out after its first attempt and indicate a true weakness on the second test. With normal strength, a muscle can be used repeatedly and not fade or tire quickly, If a muscle hurts during the test, stop immediately, assume it is weak and treat it. If the pain is not gone when the muscle is retested after treating, there are related muscles listed which should also be checked.

Most of the tests can be done with the person lying down, although a few must be done in a face down position. ... as long as the muscle is given an accurate test with the other muscles sufficiently immobilized, the testing position itself - lying, standing, or sitting -- is not important. A massage table is a helpful accessory to regular use of the techniques, but certainly isn't necessary. The floor is good, especially with a soft rug or pad. A bed is usually too soft, since the testing pressure will go into the mattress instead of against the muscle action, making accurate evaluation difficult. ...

Testing the muscles performs many functions.

First, it gives us an indication of an area which should be worked on. It is also a necessary part of the treatment itself. Unless a muscle has just been used, as in the tests, energies released in treatment have only a general effect throughout the body and do not always give enough benefit to the specific muscle in need of stimulation. Using the muscle first seems to tell the energies where to go and what to do.

It is also necessary to retest once the muscle has been treated. This is for two reasons. First, to check the effectiveness of the treatment. But perhaps more important, to use this muscle which has just been given a greater potential strength. While the weakness was present, the body had to compensate in order to maintain an internal balance or homeostasis. Now that the muscle has regained its strength, it is important to use it to help realign the body to a more normal position.

It is the muscles which are responsible for maintaining the normal structural balance, and unless they have been brought back into play, even though they may now be capable of being used, the body does not benefit from the muscle balancing. So first we test as an indication of the need for treatment and to give treatment somewhere to go, and then after treatment we retest to help the body achieve the posture we are striving for. ...

When a muscle has been strained or overworked, the circulation and lymph systems have

been overloaded. This turns off the muscle's strength, so that minute tearing of the fibers takes place. It is this tearing which causes the stiffness and pain following unaccustomed exercise. In this type of injury, it has been found beneficial to put hard, heavy pressure against the attachment areas. Usually, this is at the origin, but the muscle insertions can also be treated. This tends to reestablish the contacts, like pinning up a wisp of hair that has gone astray."

A simple muscle test which most people can do with the help of an assistant is as follows. Determine first what it is that you want to test to determine if such a substance lowers or strengthens your life energy. This may apply to vitamin or mineral supplement tablets, prescription or over-the-counter medications, specific foods, industrial chemicals, beverages, different water supplies - almost anything which you intend to introduce into your body, or, which may enter your body by its proximity - vapours, smoke, air pollution, ...

First, take a small thin glass or plastic bottle or container and put the ingredient in it. With a straight and comfortable posture, standing, sitting, or optimally - lying down, place the thumb and middle finger of your dominant hand together and have your friend, partner, or assistant muscle test your strength of keeping your fingers together by gently trying to pull them apart.

Then, place the container on a spot central to the groin, an inch or more below the naval (belly button), and retest. There will be an indication of greater strength, stability, or weakness. The "benefit" of a vitamin or food may vary from day to day, and for some poorly balanced or highly negatively stressed individuals - from hour to hour. Generally, indications of a food hypersensitivity (also termed a "food allergy" by some persons) or a toxic substance will be consistent over a long duration. If finger dexterity is not advantageous to this particular muscle test, there are numerous other testing techniques outlined in the reference noted, or, a surrogate test may be done.

The above test may be done to determine whether a substance is categorically toxic, personally adverse for the present, adverse when combined with other drugs or foods, adverse or beneficial depending upon concentration or dosage (testing may be done with one or several tablets, or, with different combinations and strengths. In this manner, you can choose the optimum diet, supplement and medications as directed by the source which knows best - your body. Experience will indicate whether the "signals" being communicated are clear or confused. The greater the number of energy blocks which your lifestem is carrying, the greater is the possibility that a "miscommunication" may result. This is why it is initially important to confirm your testings with a practicing adept therapist.

When you and your partner find that you are always getting accurate feedback, you are closer to independence of choice. Whenever in doubt, the advice of a physician or therapist

should be sought. Physicians are generally unaware of these practices, untrained in them, taught to be intolerant of them, superstitious in regard to the effectiveness and appropriateness of the use of drugs, and, unfortunately, often authoritarian in their disregard for patient feedback. Opinions and retesting should be sought, especially initially; however, the source of such feedback should also be taken into account. Ultimately, individual requirements are indicated for individual lifeways and lifestyles. An expectation of a standard "prescription" or standard "requirement" presumes an optimum or deficient level of healthfulness for everyone.

Instruction classes often afford the opportunity to test the body types of several different individuals and a person who trains with a close friend, spouse, or associate - is fortunate in having the facility to both practice and be practiced on, and the benefit of being able to be continually strengthened while contributing to the enhancement of health of one's partner. Methods of using a surrogate tester enable incapacitated persons to be tested. Meditative techniques applied as an extension of learned muscle testing can lead to the remarkable ability of muscle testing oneself without movement and of surrogate testing without contact.

Thie and Marks are very constructive in their book in the description and pictorial representation of muscles testing procedures and the appropriate accupressure holding points which can be used to strengthen or weaken a muscle. Yes, an over-strong muscle can disturb the balance of the body's structure even as an over-weak muscle can. Frequently taught in such courses is also the ancient Chinese meridian energy system and a linkage in practice between specific muscles, organ groups, foods, and meridians. Thus, once an imbalance is found it may be rebalanced both shorter-term and longer-term by one or a selection of meridian activation movements, accupressure point massage, increased ingestion of specific foods.

Over the next 3 decades, it would be discovered that specific herbs, flower essences, and other alternatives could also be constructively utilized in rebalancing the body. A balanced body contributes to a clearer and better focused mind, more positive and less intense emotions, and, a stronger spirit.

The benefits of balancing can be remarkable, either in one or multiple treatments. Some examples are these:

- a) loss of individual allergies;
- b) retention of chiropractic adjustment;
- c) elimination of migraine headaches;
- d) reduction in childhood overactivity;
- e) elimination of obsessions and addictions;
- f) dissolution of tenseness, anxiety, strains;
- g) correction of metabolic and diabetic irregularities;

h) and others.

This and Marks were also helpful in introducing the public to the concept of Meridian "reversals":

"A person who has become ill or is under emotional or mental stress will often experience a reversal of energy flows and require modification of the treatment methods. This, of course, is made evident by retesting the muscle after treatment. A meridian which normally will strengthen a muscle used in one direction, may have to be used in reverse. If there is any doubt, retrace the meridian in the opposite direction and retest the muscle. If the muscle is strengthened by tracing the meridian from the end to the beginning, work back and forth between strengthening and weakening using the other techniques, being sure to leave the muscle strong.

Drugs can also have this reversing effect, whether they are "over-the-counter", prescription, or an illicit concoction. Any unusual chemical can cause confusion in the communication system within the body. Tranquilizers, pep pills and exotic smokes like marijuana can make using the muscle balancing techniques confusing or downright difficult."

Meridian reversals are also possible when an individual has a number of biochemically induced hereditary energy blocks, or/and if the individual is a Walk-In or multiple Walk-In. That is, the physical neurological patterns of one's parentage or of a formerly present soul may be retained within your present body. In effect, you have your own intentions, desires, and motivations. If your personal history indicates that these personal goals constantly seem to be frustrated, thwarted, made difficult or result in failure - it may be that this outcome is mediated by the lack of energy balance in your life system. It is as if someone else is in control of your body in terms of its responses to your commands and the changing environment.

Rather, it may be that you are reacting in your daily decisions and choices instead of responding. If that is the case, biochemical "habits" imprinted on your neurological system while you were in the womb - by dramatic experiences, perceptions, feelings, attitudes, and behaviours of your mother - and of her mother, grandmothers, ... are driving you. Since only trauma-induced destructive patterns are so transferred, any which you have will effectively work against your overall success in life.

The same can occur when a person becomes a Walk-In. That is, the earlier spirit within your body was too weak to address the challenges

presented to it and it chose to leave; in its place, you, the present spirit within the body, chose to continue with the physical life of the former spirit. The reason for doing this are more detailed in an appendix.

The important aspect here, is that YOU must assert your individuality and that will only be possible when, and to the degree, that you release any energy blockages which you have - any destructive reactive behaviours which determine the outcome of your life experiences. Some of this you can do yourself. The rest can be done with the assistance of others. Slave to or ruler of your body, there is a choice - if you want it.

Another technique, which anyone can use to strengthen their health before an interview, test, special task or exertion, social occasion, or expected confrontation is that of Cross-crawling:

"... After sufficient development through infancy and early childhood, the right and left sides (of the brain) being developed more or less equally or bilaterally in muscle coordination, handedness and intellectual or academic learning can proceed normally.

If the weakness in the individual person seems to be stabilized in one particular area or on one side of the body, whether it be the supraspinatus muscle related to the brain or another muscle which is used regularly, this can be an indication of the crossing effect between the right and left sides of the body and the brain not being accomplished. This can be tested using the cross-crawling technique.

First test the muscles in question and strengthen them using the conventional methods. (This is assuming that they do not respond to treatment but become weak again when the muscle is used.) Then we test the need for cross-crawling by doing the opposite, that is, homolateral crawling. With the person lying face up, pick up his right arm and leg together and raise the arm back behind the head, the leg up with the knee bent as if to crawl. Return them back down to the side of the body and repeat by picking up the left arm and leg. The person being tested should look straight up. Repeat this about 5 times and then retest the muscle. If the muscle which was just strong is now weak, then cross-crawling would probably be helpful.

Cross-crawling is modeled after the correct crawling motions of the infant, with some therapeutic modifications. The normal crawling or creeping involves moving the right arm and left leg forward at the same time, with the head turning toward the arm. Then the left arm and the right leg are brought forward, with the head turned toward the left arm. Cross-crawling as an exercise is more efficiently done lying face up.

If the weakness is on the left, then the left leg and right arm are raised together and the head turns toward the right hand. The left leg and right arm are returned to the side and

the head is turned back to center. When the right leg and left arm are then brought up, the head does not turn but remains facing straight forward. In either phase of the exercise, the arms and legs are alternated in the same way, and the head only moves to watch the movement of the hand on the side opposite the weakness. Otherwise, the eyes remain looking straight forward.

After causing a weakness to return by using the homolateral crawl, use the cross-crawl technique about 5 times or cycles. If cross-crawling would be helpful to that person, then the muscles which were made weak should now be strong without using any other type of treatment. This is a very useful technique, especially with children and people who have experienced learning problems or have coordination difficulties. For children, it is probably necessary for the second person to perform the exercise while the child is passive except for moving his own head. With an adult, the exercise can probably be done alone, having been tested to determine which direction to look. Occasionally, check to re-evaluate the need to continue doing the exercise.

Twenty-five complete sets or cycles of the arm and leg motions can be done at one time, and this repeated 3 or 4 times a day. Doing the exercise standing up, marching in place, using the appropriate arm and leg together and the eye motion as described, can also be helpful. This position is not as effective because of the dependence on gravity instead of the muscle action itself to do most of the work, but as before, any treatment is better than no treatment.

Walking with the arms swinging opposite the legs also has a cross-crawling effect on the brain and the body, as it is good for the general health for this and many other reasons. Walking is one of the few exercises which benefits all parts of the body. In walking and letting the arms swing, getting good motion in the spine, none of the muscles are locked, but are all flowing. A good, brisk walk of a mile twice a day is generally recommended. Push off with all the toes, landing on the heel. Roll down the outside of the foot and let the arms swing in opposition, the hands empty.

Observe the heels of your shoes.

They should wear evenly and not run down more than a quarter of an inch. When standing for any length of time, the arch can get tired and will drop. Wearing a lower heel, which makes better use of the arch, and putting some support in the arch, can prevent foot fatigue. Working in old, run-down shoes with the heels worn and the arches sagging is one of the worst things for the back. It would be better to work without shoes if they were not good shoes. Sometimes the simplest orthopedic correction can have a dramatic effect on the whole general posture and balance of the person."

As has been noted above, cross-crawling is the behaviour by which the human brain is first neurologically programmed such that each side of the brain controls the opposite side of the body. Without this "reptilian" neurological habit being developed, the human can

sustain lifelong difficulties in attention focus, learning, memory, emotional development and control, and attainment of spiritual strength. All of these contribute to chronic destructive behaviour patterns which induce the health of the individual to decline or continually be in a position of negative stress.

As a simple test of your immediate level of neurological balance, stand up now, and without concentrating on the optimum way of walking on the spot, begin several cycles of high step strides. Note whether you are automatically alternating the swing of your arms with your legs, or, did you begin by moving the arm and leg on each side in the same direction. If the latter occurred, then you have a clear indication that your energy system is unbalanced.

With the directions noted above, you also know that YOU can change this unbalance and "tune" yourself to a healthier existence. It is advised that you conduct this simple self-test periodically and especially whenever you feel negatively stressed. This simple activity can save you tens of thousands of dollars worth of medical treatment during your lifetime, and, it may save you a relationship or a career as well!

In essence, failure to develop and maintain this optimum neurological patterning, for humans, is coincident with the symptoms of having the energy within one of the meridian energy pathways running through the body being blocked. When an energy pathway is blocked, it is similar to a blood vessel being blocked in that the activities normally sustained by the nerve impulses which follow the meridians or the blood which flows through the blood vessel are hampered. The light is on in the house of the body, but it is dim. The above technique, simple to do once it has been practised, is a way in which every individual can live in a manner which is optimally balanced and in which they have a greater potential for success.

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