

NEUROPOLITICS by Dr. Timothy Leary

The Sociobiology of Human Metamorphosis

Other books and Monographs by the Author

The Dimensions of Intelligence (M.S. thesis, W.S.U., 1946)

The Social Dimensions of Personality (Ph.D. thesis, U.C., 1950)

The Interpersonal Diagnosis of Personality (1957)

Multilevel Assessment of Personality (1957)

The Existential Transaction (1960)

The Psychedelic Experience (with Metzner and Alpert, 1964)

The Psychedelic Reader(ed. with Weil, 1965)

Psychedelic Prayers from the Tao Te Ching (1967)

High Priest (1968)

Politics of Ecstasy (1968)

Jail Notes (1971)

Principles and Practice of Hedonic Psychology (1972)

Confessions of a Hope Fiend (1973)

Neurologic (with Joanna Leary, 1973)

Starseed: A Psy-Phy Comet Tale (1973)

The Curse of the Oval Room (1974)

Terra //(with Joanna Leary and L.W. Benner, 1974)

What Does WoMan Want?(1976)

Exo-Psychology (1977)

Neuropolitics (1977)

NEUROPOLITICS

The Sociobiology of Human Metamorphosis

Timothy Leary

with

Robert Anton Wilson

and

George A. Koopman

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The Tactics of Evolution are:

Space Migration  
Intelligence Increase  
Life Extension

SMI2LE

The Goal of Evolution is:

Fusion

(at higher levels of intensity

acceleration

aesthetic complexity)

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## Introduction

By Daniel Gilbertson

We are the first species able to consciously affect our own evolution. And, because of this, Homo sapiens will soon be extinct. After a reign of more than 300,000 years he will sacrifice himself beneath the greatest evolutionary wave ever. The prophets who predict doom from nuclear holocaust, energy starvation and biodetonation are wrong. Homo sapiens will succumb to the one threat he is



powerless to resist ^× a new species of man better suited to new worlds.

In the pages that follow, Timothy Leary combines recent and future history into an optimistic and fascinating guide-book to evolutionary fulfillment. The unifying theme of his message is that we must understand ourselves as a developing life-force with a three billion year history and act on this to ensure our continued evolution.

Part I, "The Twilight of Terrestrial Politics," is focused feedback. These chapters chronicle the exploits of a modern adventurer intent on observing and analyzing the decade which more than any other has changed our lives forever. Set against the sights, sounds and attitudes of the '60s, are fresh insights into the stories behind the books, magazine articles, newspaper headlines and TV newsflashes of this turbulent era.

Leary's insider's perspective on amongst other things, Woodstock, the legal industry, Calley, the C.I.A., the sexual domestication of the four-brained biped and the curse of the oval room, combine authenticity with the seductive appeal of *deja-vu*. They will horrify some and inspire others. None however, will fail to note that these essays ^× mostly written in solitary confinement by a political prisoner ^× are utterly devoid of hatred and self-pity. Rather, they convey an eagerness for a self-imposed evolutionary mission fired by a wide-eyed sense of optimism and purpose. Adventurers may indeed be a dying breed but who does not still dream of being one?

Perhaps the greatest of the horrors that daily oppress us in the '70s is the continual

emphasis on survival. Holding on, not rocking the boat, coping, have become the dominant motifs of this decade. In contrast, the events of the '60s were a renaissance of action and creation. Whatever else they may have done, the Sixties made us aware that we could alter our consciousness. Rapid changes in behavior, sexual

## Introduction

mores and drug use stimulated unprecedented advances in personal freedom, responsibility and choice. These cultural mutations complete an essential link in our ongoing evolutionary program. We are ready for a change.

The future is up for grabs and novelty and invention make the best catchers. Wonder, if you will, where expanding human consciousness is taking us. Try to imagine the number of stars in the universe or the sum of the possible neural link-ups inside your brain and you'll be in the right mood for Part II.

Part II, "The Dawn of Extraterrestrial Politics," deals with the necessity of leaving this planet and the possibilities of living in space. Leary argues for the inevitability of space migration, summarizing this next step in human evolution with the acronym S.M.I2.LE. ^× Space Migration, Intelligence Increase and Life Extension.

Parallel scientific advances in biology, genetics, psychology, pharmacology, biochemistry and astrophysics are making space migration a practical alternative to our polluted and overcrowded planet at a time when N.A.S.A. is making Star Trek's "Enterprise" science-fiction. Although relatively few

actually teach it, most experts have given up actively attacking space migration. Not many want to seem that immune to the evidence or so naive.

Space migration to High Orbital Mini Earths will offer ample room for collective action and self-definition. Novel, open and free space habitats will stimulate increases in intelligence (not to be confused with the sterile concept of I.Q.). Biologists are already predicting that anyone born after 1990 need never die. Life extension will follow naturally once we're inhabiting limitless space and it's O.K. for everyone to get the longevity pill. Not surprisingly, informal polls indicate that at least 50% of Americans given the choice, would opt to migrate up to a new H.O.M.E. in space and live forever.

In the closing chapters, Leary anticipates encounters with extraterrestrial life and political fervor over the control of space. Who gets to go? Though an elitist policy is now being pursued, we should remember that N.A.S.A. is still young. There is an urgent necessity to foster the democratic philosophy of public participation and involvement in all phases of space exploration and decision-making. Leary concludes with a proposal to ensure us all a voice in the most important genetic and political debate ever. Whose children shall inherit the stars?

Those children, seeking to understand what it was like when man first came of age, will treasure these honest essays.

## PART I

### THE TWILIGHT OF TERRESTRIAL POLITICS

## (HOW WE ARRIVED HERE)

These days each decade is a statement in the age-long global human conversation.

In the cultural message of the 1960's every American was, actively or passively, engaged. It so happened that I was most centrally involved in these social changes as member of, and shamanic spokesman for, a small group of innovative intellectuals who sought to receive, integrate and transmit emerging cultural signals.

The meaning of this explosive decade will be evaluated by history in the light of subsequent developments. It is natural that those who were engaged in the transaction present their versions of what happened and their predictions of the events to come.

In January 1960 I accepted an invitation to come to Harvard University to initiate new programs in what was then called Behavior Change. I was convinced that mental illness could be cured; that drastic limitations on human intellectual and emotional function were caused by inflexible states of mind, static imprinted and conditioned neural circuits which created and preserved artificial and malfunctional states of perceived reality.

I believed the nervous system to be a bio-chemical-electrical network capable of receiving and creating a changing series of adaptive realities if and when the chemical key for altering consciousness was found and employed in the context of an adequate theory. In the then-zeitgeist of Salk, Fleming, Pauling, I believed that the right chemical used correctly was the cure. The "career ailment" I had selected as curable was human

nature.

## Space Migration Intelligence Increase Life Extension

### The Seeds of the 1960's

A new science is defined. I have suggested the term Neuro-logic: the understanding and control of one's own nervous system.

To oversimplify, I believed that man did not know how to use his head, that the static, repetitive conditioned circuit known as the normal mind was itself the source of "dis-ease" and that the task of the psychologist-neurologist was to discover the neuro-chemical for changing mind, i.e., to allow for new imprints of new realities and new conditioned sequences. Our initial experiments at Harvard suggested that L.S.D. might be such a drug.

In the early sixties we tested these hypotheses in a series of controlled experiments sharing L.S.D. with several hundred persons under the following conditions: the set or expectation was for philosophic exploration and self-discovery; the setting was supportive, secure, and respectable. There was not one casualty or "bad trip." Our subjects would routinely experience meta-mind intensities and were encouraged to contemplate the personal and social implications of these new signals.

The results of these and other psychedelic drug experiences led us to conclude that organic neuro-chemicals could be used as instruments for studying the nervous system, for freeing brain from the limits of mind, for training human beings to develop

new neural circuits (new minds) for reception, integration and transmission.

The implications of these conclusions for human freedom were far-reaching. A new science was defined. I have suggested the term Neurologic: the understanding and control of one's own nervous system. More important, a new mythic conception of human nature emerges. The human being is seen as having several "minds" (defined as neural circuits) which evolve during the course of individual development and which can be turned on and off selectively and adaptably as one "turns on and tunes" the many external electrical circuits surrounding the modern human.

In 1960-63 we tested these theories in a series of objective studies of prison rehabilitation, psychedelic psychotherapy, and personality change. The hypotheses were confirmed. We cut the prison-return rate by 90%. We demonstrated quantitative psychometric improvement in personality. It was prize-winning elegant research. Our subjects shared our enthusiasm but the medical directors didn't. We were naive enough to be surprised that many administrators didn't really want to eliminate the ^O pathologies they administer.

God knows they liked me personally, respected our results and in their secret hearts hoped that we were right. But there is this larval inertial fear of change. Three times I was offered tenure at Harvard (and the post of chief psychologist at Massachusetts General Hospital) if I would just play down the drug research. But by then more than careers were at stake. We had entered the dialogue of myth, tapped into that ancient current of passionate hope and risky belief that

humanity can evolve into a higher

We were thinking far-out history thoughts at Harvard...believing that it was a time for visions, knowing that America had run out of philosophy, that a new empirical, tangible meta-physics was needed.

wisdom. It was the familiar Gnostic, hermetic, Neo-Platonic, alchemical, Faustian, Jeffersonian belief in the individual as microcosm, the all-out vision of multi-centered universe that gives life to individual existence, perennially recurring, always opposed by the Inquisition, always mocked by the current version of cynical cool-out Stoicism.

We were thinking far-out history thoughts at Harvard, some thirty graduate students, young professors and theologians, believing that it was a time (after the shallow, nostalgic fifties) for far-out visions, knowing that America had run out of philosophy, that a new, empirical, tangible meta-physics was desperately needed, knowing in our hearts that the old mechanical myths had died at Hiroshima, that the past was over, and that politics could not fill the spiritual vacuum.

The vision we offered was the "head-trip" ^× a scientific, experimental neurologic. Whereas the pre-scientific oriental philosophies and the western mystical off-shoots speak vaguely of the divinity within each person, we tried to operationally redefine the old teachings and to offer an experimental Neo-Platonism. Your brain is the center of your universe. Read any basic text on the nervous system. Learn which of the seven types of drug-yoga turns on which circuits of your nervous system; learn to dial, tune

and focus your time ship. Then you learn to accept total responsibility for the realities you intersect.

The basis for this new meta-physics was the belief that advances in modern science now make it possible to develop an understanding of the nervous system, its evolution in the individual and the species, and the effects of chemical and electronic adjuvants on its expanding function. This new understanding of the source and instrument of consciousness is leading us to a truly scientific philosophy of a self-responsible human nature.

The alert and reasonably educated person in 1960 was familiar with the following scientific concepts which, if known by the philosophers of antiquity, would certainly have influenced their theories: (1) The Einsteinian equations concerning relativity and the co-variance of timespace. (2) The nervous system as bio-computer organized in hierarchial centers selectively mediating the reception, storage, analysis and transmission of messages. (3) Elementary computer theory. (4) Electrical and electronic technology providing for selectivity of frequency, intensity and clarity of signal. (5) The D.N.A. code as source of instructions for constructing, maintaining and evolving both body and nervous system.

With these scientific concepts as suggestive text, L.S.D. as instrumental sacrament and prayers for grace, we began to write and to talk publicly about the possibilities of a new philosophy, a new individual scientific theology.

All of this educational work was enormously successful. Mil-



lions of Americans accepted the "head philosophy", the belief that Ego and "Social Reality" are neural fictions.

At this point (1963) I left Harvard, abandoned the role of conventional, academic scientist and became, without knowing it, a shaman. This shift in occupational role was accomplished slowly, hesitantly, exploringly and not without self-conscious humor. First, a diligent study of religious history revealed that psychedelic plants had been used in the great philosophy-generating cultures of the past ^× Egypt, Persia, India, China and Greece ^× always for initiation into adulthood, entrance into the spiritual life and for the training of shamans, prophets, and special priests who played colorful and apparently necessary public ceremonial roles. At the same time I began personal training in Hindu Vedanta, Buddhist Tantra, and Taoist techniques for understanding the flow of various energies. The "obligatory pilgrimage" to India occurred.

In 1963 we started centers for training in consciousness expansion, a scientific journal and lecture tours for communicating the results of our research. We were particularly concerned with the development of neurological language of both verbal and, more important, electrical and electronic patterns to communicate the broadened range of consciousness.

Our Castalia Foundation in Millbrook, New York was visited by musicians, electronic sound technicians, painters and light technicians. The new modes of art we developed (based on the capacity of the nervous system to receive, synthesize and transmit accelerated, compressed and multi-media presentations)

have since been taken over by commercial film and television people.

All of this educational work was enormously successful. Millions of Americans more or less accepted the "head philosophy," the belief that Ego and "Social Reality" are neural fictions, clusters of synaptic connections, consensual paranoias. What might be called a neo-radical-nominalism characterized this philosophic revolution, an invisible, implicit, amused, sometimes pious, detachment from reflex social conventions and the fears which they are designed to induce. A general "hip" rejection of partisan politics, war, violence, military service, racism (white and black), enslaved careerism, erotic hypocrisy, sexism, establishment religion, local orthodoxies of dress, grooming, posture, art. A rejection too of pomposity of mind, including one's own, and the platitudinous hippie philosophy itself. This signal of hope and freedom was sent throughout the world. Poets in Soviet prisons heard it. And young people everywhere.

The inevitable backlash from this new message of individual power began in 1966 when various legislatures and Congress began considering bills to criminalize LS.D. and similar drugs. In this year I testified before two Senate committees urging that control of all mind-changing drugs be assigned to the medical profession supervised

History may well decide that the second belligerent disaster of the Johnson administration was the decision to turn drug control over to the police.

by Federal and State health agencies. I predicted that if control of drugs were ad-

ministered by law enforcement agencies, the result would be a black market more rational and widespread than that of alcohol prohibition and the growth of enormous police-state repressive bureaucracy. And who, indeed, wanted that?

My political position then was by no means radical or solitary. Indeed, during the Johnson administration, a bitter battle was fought on this issue. Medical and scientific people (backed by the Kennedys) urged that drugs be administered by the Department of Health, Education and Welfare, while law-and-order people politicked for the Department of Justice. History may well decide that the second great belligerent disaster of the Johnson years was the decision to turn drug control over to the police. L.S.D. was made illegal and most of the top drug scientists began their steady exit from government responsibility. Another war on heresy had been declared.

At this time the "new consciousness" became a political issue indissolubly intertwined with peace, sexual liberation, reform of education, racial equilibrium, ecology, and "end the draft." I suppose the political manifestation was inevitable. So I joined the circuit. Peace, love, and free your head, we said.

It is my folly to believe deeply in the Jeffersonian vision and the First Amendment. I accept this Merlin heritage, this national trust. Could this first America be saved? Well, we said, if they can make laws we can repeal them. With the other dissenting spokesmen I opposed the war and defended marijuana and L.S.D. against unscientific slanders. We warned of the heroin peril and unlicensed, ill-informed drug abuse. I advocated, not drugs (no one had to do that), but a

rational, philosophic, scientific understanding of drugs. It was the time (can we remember?) of civil rights, nonviolent dissent debated openly, registered in the polls and litigated in the courts.

was followed, set-up and busted like everyone else, fought test cases, got the Federal marijuana law declared unconstitutional. It was in the American tradition to defend what you believed. Every court decision and every poll showed that the "new consciousness" was growing. The love-ins, hippie beads, the Beatles and the demonstrations were the silly froth. The real thing had to do with the way people looked each other in the eye and smiled knowing that something new and self-responsible was happening in their heads. The world listened. Messages came to us from the dissenting underground in Russia and Brazil. The real revolution of the sixties was neurological.

The emergence of a new philosophy occurs at rare, crossroad points in history. Political, social, economic changes follow changes in the conceptions of human

nature. The consciousness revolution of the sixties challenged every one of the in-

The seeds of the sixties have taken root underground. The blossoming is to come.

situations and moral principles upon which our society was based.

This systematic questioning of the orthodoxies led inevitably to the Nixon counter-reformation, the attempt to re-impose the old authority by means of police power. But the history of Inquisitions teaches that

cultural-philosophic matters cannot successfully be legislated despite heresy trials, sumptuary laws, informer-provocateur espionage tactics, and secret police.

A second classic reaction to the collapse of authority is existential loneliness. Once you have accepted that your nervous system creates from the Heraclitan flow your own reality, what guideposts, what compass readings, what new goals? The divergence, individualism, and Utopian optimism of the sixties were crushed by violent reaction. This philosophic vacuum was temporarily filled by a renaissance of old dogmas which latched on to the new energies <sup>^x</sup> experiential Christianity, homogenized Buddhism, TV Hinduism. These pessimistic, nostalgic creeds served to turn-off, shallow-out, calm-down the explosive expansions of the last decade. The Jesus Freaks are long-haired rednecks. The Maharishi is a C.I.A. agent, etc.

I believe that a new philosophy will be created by those who were born after Hiroshima which will dramatically change the human condition. It will have the following characteristics: (1) It will be scientific in essence and science-fiction in style. (2) It will be based on the expansion of consciousness, understanding and control of the nervous system, and will produce a quantum leap in intellectual efficiency and emotional equilibrium. (3) Politically it will stress individualism, decentralization of authority, a live-and-let-live tolerance of difference, local option and a mind-your-own-business libertarianism. (4) It will continue the trend towards open sexual expression and a more honest, realistic acceptance of both the equality of and the magnetic difference between the sexes. The mythic religious symbol will not be a man on a cross

but a man-woman pair united in higher love communion.

(5) It will seek revelation and Higher Intelligence not in formal rituals addressed to an anthropomorphic deity, but within natural processes, the nervous system, the genetic code, and, without, in attempts to effect extra-planetary communication. (6) It will include practical, technical neurological-psychological procedures for understanding and managing the intimations of union-immortality implicit in the dying process. (7) The emotional tone of the new philosophy will be hedonic, aesthetic, fearless, optimistic, loving. We are now experiencing a quiescent preparatory waiting period. Everyone knows that something is going to happen. The seeds of the Sixties have taken root underground. The blossoming is to come.

The Outlaw Industry

April 1976

Federal Prison, San Diego

"/ pulled the gun on the President to call attention to Manson"

^x Lynette 'Squeaky' Fromme

The average American watches television five hours a day. This is a neurological fact so ominous in its implications that it cannot be understood in words. Would it take a year of full time Television explanation and neural demonstration for us to understand how our brains have become addicted to electronic "junk", how television creates, manages and schedules our reality, how tonight's crime show becomes next week's crime wave, how the images and illusions of politics are produced?

In order to package and arrange the flow of "news" our television civilization requires a continual supply of newsmakers...reality-actors who play parts in the day-time and prime-time shows which define our existence.

And who, besides the "mad-programmer" of ABCBS, understands how news-events are carefully calibrated to meet seasonal scheduling?

It is no accident, for example, that political carnivals usually occur as summer replacement shows. Urban riots, conventions, and political upheavals occur in the summer not because of the weather. Don't you dig? They are scheduled to charge up the boredom of summer programming. It's not the heat, it's the cupidity.

Many have wondered why the Watergate investigation was postponed until after the elections of 1972. To avoid prime-time competition! Got It? The Ervin hearings carried us nicely through the desert of summer 1973 and then the scandal cooked along on the back-burners of the evening news until July-August 1974 when the impeachment Hearings again filled the programming vacuum. The essence of "news" is, of course, the modern version of Roman coliseum shows and gladiator combats. American civilization, for certain explicit biblical reasons, apparently requires that its leaders, its political heroes be publicly sacrificed.

### The Outlaw Industry

The En/in hearings carried us through the desert of summer 1973 and then the scandal cooked along on the hack-burners of the evening news until July-August 1974 when the im-

peachment hearings again filled the programming vacuum.

An enormous industry, similar to the national projects of pyramid-building in Egypt, cathedral-building in medieval Europe, and prison-camp building in Stalinist Russia has emerged in America ^× the production of political martyrs, fallen heroes and "concept outlaws."

There is nothing new about the political martyr role. In mammalian politics as in every other competitive game there is a winner and many losers. Martyrs are traditionally produced and exploited by losers to symbolize their resentment against those on top. Dreyfuss, Sacco-Vansetti, the Scottsboro boys, Alger Hiss, Patrice Lumumba, Che Guevara are classic "loser-heroes" all apparently modelled after the guiding sacrifice myth of our epoch ^× the political assassination of Christ by a gang of Italians.

American television culture has added an ancient twist to the familiar "martyr role". In a religious ritual rivaling that of the blood-letting Aztecs, the American people seem to demand the public immolation of its top officials. This mysterious process has been called "The Curse of the Oval Room" to remind us that, since 1900 (the beginning of American Empire) the psycho-history of the American Presidency reveals an ominous record of failure, break-down and death.

1900-William McKinley.....assassinated

1904 - Theodore Roosevelt.....repudiated in 1912

1908 - William Howard



Taft.....repudiated in 1912

1912 - Woodrow Wilson.....physical and mental  
breakdown;

repudiated while in office.

1920 - Warren Harding.....died  
in office

1924 - Calvin  
Coolidge.....\*

1928 - Herbert  
Hoover.....repudiated in 1932

1932 - Franklin Roosevelt.....died  
in office

1948- Harry Truman.....repudiated while  
in office

1952 - Dwight  
Eisenhower.....\*\*

1960 - John F.  
Kennedy.....assassinated

1964 - Lyndon Johnson.....repudiated while  
in office

1968 - Richard Nixon.....repudiated while  
in office

1972-Gerald Ford.....repudiated  
in 1976

To summarize this wretched record of executive  
sacrifice: of the last 14 presidents,  
four have died, eight have been repudiated, and only  
two, Coolidge and Eisenhower,

\*Alleged to have died before assuming office

**\*\*Heart failure while in office**

8 S.M.I2.LE.  
S.M.I2.LE. S.M.I2.LE. S.M.I2.LE. S.M.I2.LE.

The verdict is usually determined by current moral-market-place values. Blacks and war-resisters, at the moment, have strong guilt-credits upon which to draw; and are usually acquitted.

coasted out of the White House, with any psycho-political rapport. Does some sort of mythic mystery operate here? One is reminded of the "Ritual of the Slain Hero" which, in antiquity, demanded the fall of the leader^x Dionysus, Anu, Adonis, Attis, Lao, Jesus, Osiris and which in modern times has cursed the American throne of global power.

This ritual destruction of The Leader is a topic which deserves a more detailed analysis. The series of televised ordeals through which candidate-martyrs must pass to reach the sacrificial altar of the Oval Room is particularly awe-inspiring in an election-year. In this more modest essay, however, we shall consider the phenomenon of the "outlaw martyr", the enormous media industry which commercializes it, and the omnipotent lawyer-caste which produces it.

The Outlaw Martyrs

"Patty and the Harrises read about Jack Scott's new notoriety in the newspaper room of the Sacramento Public Library where they went to keep acquainted with the media chronology of the SLA saga...In their accumulated stacks of books and

newspaper clip-  
pings they still had the unfinished manuscript Scott  
had helped  
them write before their falling out...Bill seized upon  
an idea. They  
could do Jack and themselves a favor if the manuscript  
could be  
sold to a major book publishing company.

In early May an SLA messenger presented the proposal  
to Scott  
in San Francisco. If Scott would play literary agent  
for the fugi-  
tives, they would split the profits with him..."

Rolling Stone

The "Outlaw Industry" depends upon the cooperation of  
three groups:

1. The Symbolic Outlaws are the talent, the players.
2. The defense and prosecuting lawyers are the  
producers.
3. The Media provides the Artistic Direction.

Like the movie and record business the Outlaw Industry  
needs a continual supply of  
new faces and groups.

The more leisurely print-cultures of the past required  
no more than one "Concept  
Criminal" a generation. Dreyfuss. Scopes. Alger Hiss.  
Today's voracious television  
appetite requires a new crop of outlaws each year.  
1975, for example, gave us Joan Lit-  
tle, Hurricane Carter, Donald Cinque De Freeze, Patty,  
Squeaky, Jane Moore, Emily and  
Bill Harris, not to mention a return of the  
irrepressible Berrigan Brothers, the peren-  
nial pranks of Dick Gregory and the re-incarnation  
come-back of Eldridge Cleaver.

Criminals- from the echelons of organized crime to the street hoodlums - appear on the scene, make their play, and get dragged off stage, but the lawyers remain administering and profiting from the action and booking in the next show.

The rituals and performances of "Concept Criminals" are totally stereotyped and perfectly understood by both the players and the consuming public.

1. A symbolic crime publically committed.
2. The chase or surrender.
3. The arrest.
4. The Grand Jury hearings (optional).
5. The pre-trial litigation.
6. The trial and verdict.
7. Sale of media rights by the lawyers.

The Symbolic Crime must be committed deliberately and publicly. The criminal, in violation of the customs of the professional crook, claims credit for the deed! The taboo-infracton cannot involve the normal motives ^× greed or passion. The offense must be a moral flouting of authority. The enormity of the act can range from the sophmoric cutup of the Berrigans to bombing, high-jacking and outright assassination.

The aim is always to morally shock, to incite retaliation, to stir up public opinion. The crime (better described as sin) is directed against a

sacred object ^× the flag, draft-records, an authority figure or symbol ^× the president, a building; or it must threaten the sanctified-security ^× airplane high-jacking, Mansonite invasion of middle-class homes, Black Panther guns in the streets.

The Chase is, of course, the most basic mammalian thrill ^× celebrated in every TV crime show and realized in the hunt for the Weather Underground, the SLA, the Cleaver-Leary exiles.

The Arrest scene is the climax which ends the first act of the Outlaw Play. The obligatory AP photos and TV shots of the hero shackled in Galilean-handcuffs, surrounded by grim-faced agents, great climax moment of triumph for the police; the first welcomed spiritual wound for the believers of the symbolized cause.

The Grand Jury scenes (optional) follow the classic New Testament script and offer the martyr's friends their chance to deny the heretic or to stand defiantly before the cameras accepting jail rather than betray! This phase in the drama also allows for the entrance of informers, double agents and Judas ambiguities.

The Pre-Trial Litigation brings on stage the defense lawyers who circle the victim like quarreling vultures fighting for control of publicity, of the script and of the defense-fund financing. The victim is also offered options of firing and hiring counsel, of demanding self-defense status or of moving side-stage to wait the sacrificial moment to come.

Just as every Hollywood picture is "put together" by pro-

ducers, who are always in tight control of the enterprise and reap the lion's share of the profits, so is the Outlaw Industry managed by lawyers.

The Trial and Verdict is the climax of the Second Act of the ritual. From Pontius Pilate to Kunstler, Sirica and Jaworski the judgement scene is the central ceremony of terrestrial civilization. The prosecutors relentlessly present the vengeful case of the affronted state; the symbol-hero retaliates with Hir denunciation of Caesar and presents the alternate heretical morality.

The verdict is usually determined by current moral-market place values. Blacks and radical spokesmen, at the moment, have strong guilt-credits upon which to draw; and are usually acquitted. Ruchell Magee, the Black San Quentin convict whose picture was flashed around the world holding a gun to the head of a kidnapped judge ^x could not be convicted!

It is worth noting that the Establishment figures who violate the game-rules and the taboos of the political ethic are invariably condemned (although the shame of their fall is usually seen as punishment sufficient to save them from prison). Senator Joe McCarthy, Parnell Thomas, Nixon, Agnew, Hunt, Liddy, J.Edgar Hoover, Mitchell, Colson, have all faced the bar of judgement and lash of coliseum scorn for fallen moralists; then the million dollar book contracts soon follow.

The Lawyers are the Producers of the "Outlaw" Show

In a civilized society one expects that violations of social rules would be fairly in-

investigated to determine the true fact and that compassionate intelligence would be applied to compensate the injured and to ensure that the conditions which produced the crime were not repeated. It goes without saying that all parties involved are committed to a search for the "T.R.U.T.H." to borrow the words of Judge John Sirica.

The judicial process in the United States is, however, a bitter adversary enterprise.

There is little pretense at establishing scientific facts which could determine whether the accused has committed a crime or whether the circumstances mitigated the misdeed. The judicial climate is enthusiastically competitive. Sides are drawn. Strategies contrived. Secrets kept. Distractions and bluffs are employed by clever lawyers.

Let us state the truth simply. Crime in America is a business which is run by (and for the profit of) those who create the law <sup>^x</sup> i.e. the lawyers.

The American government is a government of lawyers. There are more than 200,000 attorneys on government payrolls!

All domestic opposition to the American government, all anti-social behavior, criminal and political, is master-minded and administrated by lawyers. Criminals <sup>^x</sup> from the echelons of organized crime to the street hoodlums <sup>^x</sup> appear on the scene, make

Are we not all media-trained to recognize the nattily dressed man carrying the chic briefcase who flanks the accused?

their play, and get dragged off stage, but the lawyers remain administrating and

profiting from the action and booking in the next show. It is conservative to estimate that half of the profits from criminal activities in this country end up in the hands of lawyers. Litigating crime is a multi-billion dollar business controlled by the Power of Attorney.

The old cliché must be up-dated: crime does not pay for the three victims of every crime ^× the victim, the tax-payer and the crook. Crime does pay, however, and handsomely, for the attorneys who produce the National Crime Show.

And nowhere is the exploitation of the public, the victims and the criminal more obvious than in the Symbolic Outlaw business.

"This is a terrible thing. I guess the young people don't want to fight anymore," said William Kunstler, after Underground Weatherwoman Jane Alpert surfaced and announced that she was giving up illegal revolutionary activities.

When all is said and done the culminating goal of most radical activism in this country is The Trial. Surely no one with more than two fingers of forehead ever believed that an armed revolution was possible in America. In the last decade the sporadic violence expressed by the New Left was and still is symbolic, "Exemplary actions", to use the jargon of the Weather romantics. Everyone knows that militancy results not in the overthrow of the government but in the well-publicized court trial.

And behind the rhetoric and the headlines operate the Movement Lawyers who encourage, plan, incite, and aid the illegal actions that they later defend in court. Just as



every Hollywood picture is "put together" by producers, who, although less well-known than actors and directors, are always in tight control of the enterprise and reap the lion's share of the profits, so is the Outlaw Industry managed by lawyers.

Let us recall that the prime-time Outlaw capers of the last decade are better remembered by their indictment-label, and numbers. The Chicago Seven. What was their crime? Who were they? The New York 21. What did they do? Gainsville is the place of the trial, not of the heretical crimes. We recall the case of Huey and Angela and Bobby Seale and Hurricane Carter but are vague about the specific acts they were accused of. It is the memory of dissident courtroom postures and legal defenses that remains.

Which brings us to the box-office issue of the Outlaw Business: Defense Funds. Eldridge Cleaver, in 1976, muses that over a million dollars were raised for the Huey Newton trials. Where did the money go? The Ellsberg-Russo trial cost \$800,000. How? Why? Where did the money go?

The scenario is stereotyped. Four times I have found myself in jail-visiting rooms

The American media-consumer is judge-jury-parlor-dictator choosing at whim and with a flick of the dial, the winner and losers in the consumer competition.

shortly after the bust talking to the lawyers. The first item of business is the Defense Fund. Planning the benefits, the mailing list appeals, the fund-raising cocktail parties.

The routine defense of defense funds goes like this:

the government has endless resources to hire prosecutors, investigators, experts, to pay for tests, transcripts and deposition interviews. Should not the political martyr be entitled to the same army of professional bureaucrats? What injustice! Surely the outlaw should have as much money to spend on lawyers as the government!

The Symbolic Criminals themselves do not question the process. What choice is there for the chained outlaws facing possible imprisonment? Looking for forum justification? Reassured by the proffered support? And they do know the script.

The rewards for the producer-barrister are not limited to financial. Aphrodisiac fame beckons to the defender of the conceptual defendant. Are we not all media-trained to recognize the nattily dressed man carrying the chic briefcase who flanks the accused? His denunciations of injustice quoted in the morning paper. Applaud, please, this courageous fighter for the cause, flamboyantly risking a contempt-of-court citation.

The most successful of the Movement lawyers is William Kunstler, who you remember, stole the show in the Joan Little trial with a swift media maneuver that merits text-book consideration. In one day Battling Bill flew to Raleigh, North Carolina, walked into the on-going trial of a black woman, presented himself to the judge as a consultant counsel, was rejected by the court as unnecessary, received a contempt citation for his fiery denunciation, was sentenced to two hours incarceration(!), held a press conference after release, and took the late afternoon flight back north! The network news that night featured the bold Crusader raid. Bravo Bill! (Joan Little spent the

night, as usual, in her jail cell.) At the present time Kunstler is still flying around the country offering his services to symbolic criminals whose cases promise wire-service appeal. (Joan Little is now in the state prison serving a seven-to-ten-year sentence.)

In fairness to the attorneys it should be pointed out that their production-monopoly on the Crime Business is not their central interest. Let us give credit where credit is due. Lawyers run the government, they run the corporations and they run the labor unions.

### The Mass Media Direct The Crime Show

So far we have discussed how the Outlaw Industry operates without asking the more basic question: Why? Fame and fortune are, of course, the goals of the actors, producers and directors. But why do the consumers buy the stereotyped act?

Today, reality is created mainly by television and movies  
The media producers have become a priest-caste who guide,)  
direct, and manage reality.

The first answer: entertainment. "The News" is Spectacle, Manufactured Drama, Diversion from Boredom, the chance to vicariously live a richer life. The American media-consumer is judge-jury-parlor-dictator ^x choosing at whim and with a flick of the dial, the winner and losers in the consumer competition.

Transgressors ^x both mercenary and conceptual ^x play a key role in the religious rituals of an electronic media culture. Crooks commit

crimes. Conceptual outlaws  
commit sins. The ceremonies of hunting sinners,  
publicly trying them, and assigning  
retribution is the basic religious ceremony of  
domesticated primates.

Let's face it, the conceptual outlaws ^× Patty, Galley,  
Manson, Berrigan, Huey  
Newton ^× although tried in criminal courts ^× are  
clearly media-heretics, taboo-  
violators, traitors to the national sensitivity. We  
tread here on the dangerous turf of  
witch-craft, Inquisition, persecution for belief.

At an even deeper level the Outlaw industry plays an  
important role in the genetics of  
the species. Human evolution, we have learned  
recently, is the evolution of the nervous  
system, the metamorphic growth in contelligence  
(consciousness-intelligence) as new  
circuits of the brain emerge. The civilized primate  
possesses a four-brain nervous  
system ^× bio-survival, motion-emotion, symbolic and  
social. The key factor in neural  
evolution is communication. The more evolved the  
species, the faster, the more com-  
plex and the more flexible the modes of communication.

Reality is defined for each species by its channels  
and methods of communication.  
A primitive tribe communicates by means of grunts,  
gestures, jungle drums, runners,  
smoke-signals. The early species of domesticated  
primates communicated in terms of  
printed pages, pictures, costumes, religious dramas,  
songs and statues. The reality  
thus created preserved social morality and the social  
survival techniques which guide  
the pre-electronic species.

Today, reality is created mainly by television and  
movies. The media producers have  
become a priest-caste who guide, direct, and manage

reality.

"Now's the time for  
violent Revo...loooooooo...Shun!"

This quote from Street Fighting Man was heard by  
millions of young people in 1969-70.

The singer, Mick Jagger, was at the time living in a  
luxurious villa in Southern France  
(to avoid taxes), stoned on hedonic, layback drugs.

The Establishment Press is a powerful genetic tool in  
defining and defending the  
domesticated ethic. The news is "managed" in a  
cybernetic feed-back loop in which

The UG press is vitally dependent upon the Outlaw  
Industry  
for its spiritual and economic survival. Martyrs must  
be pro-  
duced on a monthly basis. Injustices must be  
discovered!

the press tells the public exactly what it senses the  
public wants to be told so the  
public will buy the paper. Headlines,  
emphasis-de-emphasis, slants and plants, photos  
are all part of the image shaping, and define the  
actors who personalize the morality  
3rama. The game is fierce and merciless. While almost  
everything is tolerated if kept  
private, one public slip, one show of vulnerability  
and the image is fixed. SHOT: Muskie  
weeping in the snow of New Hampshire. CUT TO: Wallace  
standing at the schoolroom  
door. FLASH: Teddy at the bridge.

"Public Image" is a collective neurological imprint  
which requires continual re-  
enforcement. Just as the private citizen must be  
reminded every minute of his waking  
life that he is who he thinks he is ^x so must public  
image be maintained by means of

repetition. The persona of Winston Churchill, for example, had to be hammered out like a metallic mask and once formed had to be continually worked on to keep the features clear. One false move ^x and the mask is badly damaged, perhaps irreparably.

An amusing twist in media-image-making occurred in the Patty Hearst case. For a century the Hearst empire has probably been responsible for more lurid-pop caricature media images than any other reality-industry in the land. And suddenly it became necessary for Hearst's San Francisco Examiner to change the image of America's most famous terrorist into the role of a misguided innocent girl. And a tearful Mrs. Hearst denounces the press for pre-judging her child!

The Underground Press operates in true-magnetic polarity to the orthodox press. The establishment morality is consistently opposed. Everything that the orthodox defines as sin is gleefully sanctified by the counter-culture publications. Conspiracy theories, rooted in the deliberate "dirt" of the underground, thrive and blossom. There is no diabolical accusation against orthodox dogma that cannot be blithely levelled. The readers understand that "facts" are not the issue. The more implausible the charge, the more titillated the audience.

These remarks should not be interpreted as criticism of the counter-culture press. A valuable function is performed. Monolithic state morality is designed to produce the efficient insect hive ^x with all individuality and mutant differences suppressed. But absolute conformity in a social group has a negative genetic effect ^x closing off adaptability and flexibility. The blind counter-reactivity of the underground press is a healthy

phenomenon in a primitive society. The danger comes when a rebellious paper is taken over by a rational, responsible faction espousing a narrow political cause. The Berkeley Barb serves best when it is mindlessly eclectic, scattering its shots wildly.

The UG press is vitally dependent upon the Outlaw Industry for its spiritual and

Successful Pop-Stars are skillful market-researchers, anticipating trends, probing the consciousness of the young, performing for their constituencies the same function as the establishment media - saying what their public wants to hear.

economic survival. Martyrs must be produced on a monthly basis. Injustices must be discovered! Conceptual crimes are incited, encouraged and directed by headline fiat.

The communiques from each terrorist cult are breathlessly transmitted. Pronouncements and anarchic threats rushed into print. Conceptual crimes passionately applauded.

The Pop-Music Contribution to the Outlaw Business cannot be over-estimated.

Successful Pop-Stars are skillful market-researchers, anticipating trends, probing the consciousness of the young, performing for their constituencies the same function as the establishment media ^x saying what their public wants to hear. With shameless "sincerity" they croon the messages of the moment, accurately reflecting the up-to-date counter-culture-adolescent fad: drugs, long-hair, peace, revolution, Woodstock, laid-back, ecology. A more elegant, ancient and cynic thread of "Sin-for-Profit" is ex-

pressed by Mick Jagger ^× singing Sympathy for the Devil, Sister Morphine, Brown Sugar. Gullible groupies gape as their bisexual Satanic Majesties boogy down to Altamont to get their fair share of abuse ^× a certain decadent grandeur glowing around their Cadillac perversions.

The most blatant banal exploiter of the Outlaw Trade is John Lennon, who in 1971 reaped still another fortune from a self-indulgent album in which he admitted that he didn't believe in any of the dozen causes he had previously profited by singing about! In his admitted compulsion to say-and-do anything to hit the top charts Lennon, in one year, ripped off a Gubernatorial candidate's slogan (Come Together), the motto of the Militant Blacks (Power to the People, Right On) and the peace movement (Give Peace a Chance). He then banked the proceeds and hired a platoon of who?...lawyers...to convince the Republican administration that he should be allowed to stay in the American Tax-haven because he was "harmless."

More successful in skimming the energies of the Outlaw Assembly Line, and much more malevolent, is Robert Zimmerman, who first conned onto the media-stage by taking the name of a lyric Welch poet and chanting plastic protest songs to a barbiturate beat. (If this sounds like a Philip Dick Sci-Fi horror story, be assured that it is.)

"Something is happening, but you don't know what it is, do you Mr. Jones?" sang Zimmerman in the 60's and the uneducated, naive nervous systems of Squeaky Fromme and Sandra Goode were inundated by the authoritative voice warning "A Hard Rain's going to fall." Sneering hatred and warning contempt amplified electronically



and broadcast to create hateful realities for millions of adolescent listeners.

It's the great Outlaw Exploitation game, folks, more fun and easier than Texas oil-drilling. Just wait until the next martyr is discovered. And watch it gush!

Once stardom is achieved the snarling rebel retires as a millionaire and adopts a scornful posture towards those unfortunate enough to have opened their nervous systems to imprint his cosmic snivel.

Then, in 1972, smarting from the accusation that he had copped out, "Dylan" electrifies the counter-culture with his elegy for George Jackson! Once again warning hatred is turned towards the establishment/The record is a sensation! Zimmerman fans weep in gratitude that the bard has come back to fight injustice! Enormous air-play! The single rockets to the top! Dylan is again the Messiah! There is only one little flaw in the operation:

There is one person who is not around to share the royalties and the applause. The slain martyr. George Jackson is truly Dead. But no matter, there's a new seeding of discontent, a new victim to sanctify, a new generation of gullible youth thus encouraged to nihilist sacrifice and stupid rebellion. And a new wave of popularity for the clever kid who in one album made more money imitating Guthrie than Woody ever saw in his life. It's the great Outlaw Exploitation game, folks, more fun and easier than Texas oil-drilling. Just wait until the next martyr is discovered. And watch it gush! Who's next? Now, remember, don't get political because you can't be for anything; or

take sides, because McGovern's position on Zionism may be suspect. But here comes Hurricane Carter and another cheap shot at the charts.

Sure, Hurricane Carter deserves our sympathy. So do thousands of other prisoners who bought the Zimmerman line of cynical snarling hatred and stuck needles in arm or quit working on Maggie's farm or robbed Mr. Jones' bank where Dylan happens to keep his money.

Perhaps Hurricane should be free but not at the expense of another generation of alack kids who listen to the snarling lines of Dylan's new inflammatory rip-off telling them that it's not safe for a black man to walk the streets.

Meanwhile Squeaky Fromme and Sandra Goode stand in a Sacramento Courtroom and, for believing exactly what Zimmerman told them in the 60's ("You don't know what's happening Judge McGrath...a hard retribution is gonna fall on the polluters") are led off to life-imprisonment because they were unlucky enough to have owned record-players in their vulnerable adolescence.

The profound neurological mischief done by the Zimmerman Effect is not understood because of its invisible pervasiveness. Electroids, primates robotized by electronic brain programming, are of course, unaware that they inhabit a reality that has

At exactly the time when this enormous genetic wave was open to receive a post-Einsteinian reality, SHAZAM!...4000 years of Old Testament pessimism popped-up in the person of the Electronic Bad-Trip Evangelist.

been selectively imposed on them. Neurological revelation occurs when one discovers how the alternate reality one inhabits has been imposed on one. This is usually a moment of exultant release ^× although it can be experienced as horror.

The first Post-Hiroshima generation was the first completely electroid. At exactly the time when this enormous genetic wave was open to receive a post-Einsteinian reality, SHAZAM!..4000 years of Old Testament pessimism popped-up in the person of the Electronic Bad-Trip Evangelist.

The one song "It's All Over Now, Baby Blue" probably caused more biological and philosophic suicides than any poem in western history. This is a tribute, not to the dismal poet, but to electronic amplification.

Examine, if you can, with a precise mind the Zimmerman lyrics of the 1960's ^× snarling, whining, scorning, mocking. "Just Like a Woman." "No, no, no, It ain't me Babe." "Subterranean Homesick Blues." "It's All Right Ma, I'm Only Bleeding."

The classic techniques of Brain-washing are unconsciously employed in these albums. First the dogmatic command, "Everybody Must Get Stoned", encourages a chemically induced state of neural receptivity. Note the semantics: stoned. Don't get high; don't space out; don't trip (with its multi-reality flexible implication), don't get blissed out. "You must get stoned" sung to heavy, slow plodding beat. And accompanied by the other nihilist hits which systematically converted a generation to neurotic complaint.

Read, if you dare, the lyrics to "Like a Rolling Stone" and cringe at the deliberate trampling of hope and self-confidence. Barbiturate Barbarism. "How Does It Feel?" It feels like that Old Testament Masochism Bob.

The evil of the Zimmerman Effect is not just that it imprinted destructive, nasty realities on young brains ^x the 4000-year Judeo-Christian culture is mobilized to do that without help ^x but even more ominous is the fake, plastic alienation from direct experience. Electronics without erotics is robotry. The Zimmerman Effect alienates because the media-manipulator broadcasts about other people's experience, not his own, to an anonymous audience. Did Dylan stand on picket lines? Get his head busted by Company police? March at Selma in the hard rain? Get tear-gassed at Chicago? Sleep in the mud at Woodstock (just down the road from his comfy retreat), lay on a roach-ridden mattress in a state prison? Put his body on the line in any real action? Live the fugitive life? Go into exile during the Nixon-Agnew years? Or put his nervous system on the line in neuronaut exploration? Yes, we know what he was against. But what was he for, besides fake nostalgia? When an entire generation was on the move, swirling into uncharted neurogenetic territory, where was the young millionaire

Read the lyrics to "Like a Rolling Stone" and cringe at the deliberate trampling of hope and self-confidence. Barbiturate Barbarism.

waif? Protected, dear boy, in the arms of producer Al Grossman, promoter Bill Graham, 3olda Meir, Allen Ginsberg, Joan Baez and a supporting brigade of Mother figures?

Looking back we see that "Dylan" truly never understood that it ain't no good to let other people get your kicks for you.

Academic Zimmerman groupies will protest that it is not the function of the minstrel to storm the walls of Troy or beat against the wind on argonaut craft, but rather to pass on, in verse, the myth of the era.

But there are two factors which make the Zimmerman Effect a perversion of the ancient and honorable bardic role:

1. Zimmerman portrays not the glory and the heroic pride of an evolving species, but the dark, craven themes of the loser cult;
2. The true Minstrel sings in person; wanders around in face-to-face contact with those he is influencing. He is forced into eye-ball confrontations with Mr. Jones and Maggy's Father and everyone watches to see if he's for real or if he's all talk. It just ain't no good to let the agents, record producers and tax-lawyers take your licks for you. You gotta get down and look into the eyes of the Squeaky Frommes you are urging into rebellion.

It's no accident that the Weathermen, the most publicized group of Dylan groupies, a bewildered, fugitive band of terrorists now cut-off from their culture and condemned to underground existence, took their name from a depressing "Dylan" song. One thing is certain as the Uncivil War of the 1960's fades into ancient history ^x we surely don't need a Weatherman to know which way the wind blows and we've all been blown light-years away beyond the rhetoric of violent revolution,

haven't we Bernadine?

We can now speak frankly about the Zimmerman Effect because it is waning. We can  
-: ,v view with compassion, not only the passive, but the active casualties of Electroid Brain-wash. Zimmerman, like Manson, was the original victim of the Effect. Which occurs when Electronic and chemical neural-vulnerabilities are ripped-off by commercial exploiters. "Dylan" whined endlessly for himself and his own Lost Innocence. However,

recent statements and actions it is clear that Dylan is beginning to sense that it was no accident that he was propelled into premature pop-star status by forces he himself detests, beginning to discover that you can't look back. Dylan now seems to be

listening, learning. He seems able, at last, to sidestep the literary Mafia which sought to freeze him as a beatnik poet. Dylan is mutating. Don't retire Bob, you haven't started

Television, is, of course, the major manufacturer and seller of the Outlaw Myth. We are familiar with the classic confrontations: cowboys-Indians, cops and robbers,

We surely don't need a Weatherman to know which way the wind blows and we've all been blown light-years beyond the rhetoric of violent revolution, haven't we Bernadine?

Romans vs. Palestinians, shorthairs vs. hippies, FBI vs. terrorists. Six months after SWAT premiers on prime-time, imitation SWAT teams of kooky-cops are organized in every local police force and a new outlaw tactic is popularized. Angry husbands who, a year ago would have smashed a dish on the floor and headed for

the neighborhood saloon, now  
obediently grab a gun, hold the Missus hostage and  
docilely crouch in the parlor until  
TV crews arrive and bull-horns command them to come  
out with their hands on their  
heads.

Meanwhile Henry Fonda plays Clarence Darrow and F.Lee  
Bailey plays Perry Mason  
and Petrocelli gets a million dollars from the Hearst  
Foundation to defend Patty.

The "freeze-shot" which appropriately closes this  
essay was just handed to me by  
my neighbor in the next cell of the San Diego Federal  
Prison, Eldridge Cleaver.

"THE DELL DATELINE

DECEMBER 1,1975

A WEEKLY ROUND-UP OF CURRENT AND FUTURE DELL BOOKS  
PUBLICITY FOR DELL SALES PERSONNEL AND BOOKSELLERS

SOUL ON ICE TO HEAT UP

Look for new action on Eldridge Cleaver's SOUL ON ICE  
(available in both a Dell Books  
and Delta edition, 95 cents and \$1.95). After years of  
exile in France, (sic) the Black Power  
radical has this week made a dramatic return to the  
States. His forthcoming trial  
should keep both him and his books in the public eye."

Partners In Time

September 1973  
Folsom Prison

A letter came to me in Folsom Prison from Vienna  
transmitting a friendly signal from  
Andrei Amalrik and his beautiful wife. Andrei is  
serving his second three-year sentence

in a Russian prison for predicting the decline and fall of the Soviet state. The KGB plans to keep him incarcerated for life.

Vasilios Choulos, Kent Russell and Melvin Belli have just written a brief challenging my illegal kidnapping in Afghanistan by American agents. We sent a copy to Kim Dae Jung, who was abducted from Japan by South Korean agents. The American government protested the illegal snatching of Kim because the secret leaked.

Alexandras Panagoulis, just released from five years in Greek prison, is broadcasting his message of intransigent courage. He's going to write a book, if they let him. The secret police hate publicity.

Meanwhile, Alexander Solzhenitsyn, novelist, and Andrei Sakharov, physicist, continue to uncover facts about Soviet police methods:

'But here we have a peculiarity, I would almost say an advantage of our social structure: not a single hair falls or will fall from my head or from the heads of members of my family without the knowledge or approval of the KGB. That is the extent to which we are observed, shadowed, spied upon and listened to.'

It's a small dissident world now, and a small exclusive club of fearless, free men and women. So it goes. Nixon is still in the White House and Cleaver is still in exile and I'm still in Folsom Prison.

Political Voyeurism

September 1973  
Folsom Prison



The compulsion to spy on others is derived, so it is said, from the sexual curiosity of the pre-pubescent child who burns to know what grown-ups do behind bedroom doors. Reaching maturity the sexually confident person expresses erotic energy in love-making. The voyeurism of childhood remains as a delicious form of foreplay. For those who do not mature sexually, whose erotic expressions are inhibited, voyeurism, the surreptitious spying on others, can become a highly sexual obsession. As with most other guilt-ridden "sexual deviates," the voyeur is invariably a political conservative ^× shocked, moralistic, and censorious about behaviors which he compulsively and secretly seeks to discover. We think of the priest in the confessional or of vice squads or of J. Edgar Hoover, forbidding extramarital expressions to his agents on pain of discharge, and who, himself unmarried, presumptive virgin voyeur extraordinaire, guarded files containing reports, tapes, and photos of the sexual peccadillos of American Politicians.

We define the 1960s as a time of erotic explosion. But the freedom of sexual ex-  
^×pression was not shared by all. While part of the population was making love, another part was reading spy novels about enemies doing bad things that must be investigated and stopped. The cold war petered out when it became obvious that the Commie leaders were basically hard-working, no-nonsense law and order folk and that the "bad" things were being done right here in America by grass-smoking, long-haired people who were growing in numbers and influence.

So the C.I.A. is called home to join the Hoover-gang and the Liddy-plumbers in spying on their fellow Americans.

## Space Migration Intelligence Increase Life Extension

23

### Gordon Liddy's First Spy Caper

August 1973

Folsom Prison

It was Saturday night ^× the 64-room mansion at Millbrook, New York, filled with staff members of the Castalia Foundation and weekend guests. Dinner in the oak-oaneled dining room, low tables and cushions. The big stereo speakers trembled with Dylan, Beatles, Ali Akbar. Later, around the huge fireplace, David played guitar. Musicians came to Millbrook to learn that sound was energy to play with. Strange new vibrations filled the air. Painters, discovering that light was energy to free from canvas, splashed, rippled, exploded color across the walls of Millbrook, chromatic patterns bubbling, rainbow crystals blossoming, multi-hued cellular blobs undulating. Beautiful women moved with yogic grace and most of the men wore longish hair. The year was 1965.

Outside the house, crouched behind dark bushes, binoculars glued to his eyes, G. Gordon Liddy peered through the windows at the activities within the mansion. He, the first "square" American to witness a "psychedelic" light show, was whispering instructions to the walkie-talkie pressed tenderly against his cheek. Twenty uniformed, booted, armed sheriffs in cowboy hats were staked out around the mansion, a real-life T.V. posse led by two assistant D.A.'s, Alphonse Rosenblatt and G.Gordon Liddy. It was decided to wait until the revelers within the castle retired to their bedrooms. Liddy was

used to waiting. Castalia had been under surveillance for weeks. G. Gordon Liddy and commando staff hidden behind trees spying into living rooms and bedrooms and bathrooms, noting who slept where, and then, back in the courthouse, endless conferences with maps, floor plans, schedules. It was an exciting caper.

At midnight the raiders burst into the mansion, pushing open unlocked doors. Liddy leading four troopers bounded upstairs to the third floor and smashed open the door to the master bedroom. She was reclining on pillows on the mirror bed. I was sitting on the edge of the bed talking to my son Jack and his friend. I stood up and looked into the wild eyes of G. Gordon Liddy.

As with most other guilt-ridden "sexual deviates," the voyeur is invariably a political conservative - shocked, moralistic, and censorious about behaviors which he compulsively and secretly seeks to discover.

We were ordered, illegally, "Don't move," while nervous deputies searched the room, confiscating Her innocent geranium plants and boxes of papers. I was given permission to call a lawyer, but mysteriously, the phone was "out of order." Rosenblatt and Liddy took me aside to a small, unused bedroom and played out the Mutt-Jeff, good-guy-bad-guy interrogation. Policemen are usually fascinated by me and love to initiate deep conversations. In their hearts they cherish envy and a secret hope that I am right.

As I have done a thousand times, I patiently outlined the scientific, philosophic,

historical, political and legal dimensions of what we were doing. Rosenblatt argued gently. Liddy snarled about narcotics, addiction, the murder-weed, moral corruption, and running us out of the country. That's a tape I'd like to have played back.

I recall one zany moment. Liddy accused us of being dangerous enemies of society. I explained that society would, in time, be very grateful for what we were doing. Then Liddy made this strange remark. "Hell will freeze over," he said, "before the people of this county erect a statue of you in the town square."

The "big raid on Millbrook' was, of course, a bungled bust, the search warrant illegal, no evidence found, the case thrown out of court. But Liddy, undaunted, raced around the country talking breathlessly to wide-eyed Rotarians about his crusade against wickedness. He used the first-initial middle-name label in imitation of his hero, J.Edgar Hoover, G. Gordon Liddy.

## Helicopters and Teepees

July 1973  
Folsom Prison

Well, this cops and robbers drama which was to last so long and involve such a global cast of characters had just begun. The surveillance seige of Castalia continued. Roadblocks. Automatic stop-and-search of every long-haired car. Strange looking men were coming around to repair the phone once a week. I felt secure. Circuit One scanning revealed that no one was going to be killed. Circuit Two instincts assured that we had control of the territory. We allowed no drugs in the house. There must be a hundred stashes still buried in the woods for future

archeologists to uncover. Minor possession  
beefs were nothing to worry about. No one went to jail  
for a handful of grass. It was  
comforting to know that the townspeople of Millbrook  
were with us. By this time the  
locals knew us well. We were the best customers of  
every store in town. The thirty  
people at Castalia spent one hundred thousand dollars  
a year in a tiny town with a two-  
block shopping district. Our people were young,  
good-looking, happy, open. The con-  
servative village naturally adopted and protected us  
against the ambitious, tricky  
politicians from Poughkeepsie. Millbrook was populated  
by tradesmen and workers  
whose families had settled there to service the castle  
where we lived. Dietrich, the  
utilities baron who created the estate, had made his  
money in carbide lighting. He was  
the first to popularize the new form of illumination.  
Legend whispered that every street  
light in the state of New York was testimony to his  
genius. He imported hundreds of  
Italian stonemasons to build gates, towers, bridges,  
miles of stone walls, a Bavarian  
bowling alley, waterfalls, gothic garden cottages. For  
thirty years after his death the

Then we swept in with young Mellon wealth and Harvard  
char-  
isma. The lawns were lush and green again. The great  
castle  
gleamed with light.

grand estate had crumbled in disuse. Wild vegetation  
covered the lawns and gardens.  
The nobility drained away. Rich Americans lacked the  
energy to maintain estates with  
acres of lawns and gardens.

Then we swept in with young Mellon wealth and Harvard  
charisma. The lawns were  
lush and green again. The great castle gleamed with

light. Young people rich with confidence and vision drove through the huge portcullis gates, a new aristocracy. (Aside from the cosmic God satori business, what acid did to millions of young people was to ennoble them, crack them loose from the middle class monolith, free them to wander around the country, a new amateur royalty playing in the garden of incredible goodies, treating the world as a here-now paradise to be gratefully enjoyed. The Laguna Beach hippies used to dance barefoot through the beaches and mountains murmuring, "Thank you God.")

The village of Millbrook stirred again with grandeur, however funky and controversial. World attention focused on the castle grounds. Once again the village watched and listened and gossiped about the goings-on at the Big House. And once again the Grand Old Party politicians from Poughkeepsie stirred with know-nothing, Cromwellian puritan anger at anything "foreign," glamorous, frivolous, elegant. One of the many curious aspects of American culture is the absence of an "upper" class, a "high" society, an hedonic aristocracy. America since Roosevelt has been a heavy, feet-on-the-ground John Wayne society. The triumph of mediocrity and practicality. America has just reached that stage of growth when military, political, and economic security makes possible the emergence of an erotic Psi-Phy philosophic elite. The alchemical renewal. The time trip. Alexandria. Eleusis. Delhi under the Moguls. Elizabethan England. Palermo. Prague. Konorak and Khajuraho. The India of King Asoka. The Chou Dynasty in China.

At the Millbrook summer pageants a hundred consciously garbed initiates wandered

through the grounds, under wide porticos. Ambassadors came from the cultural duchies, from Herman-on-Hudson, from RAND, from Palo Alto, from Hyannisport, from Bethesda, from Beverly Hills. From "high" society came Ronnie Laing, Allen Ginsberg, Alan Watts, Ken Kesey, swamis, gurus, stars of every magnitude, while great musicians strolled across terraces filling the warm air with sound, light machines poured color patterns on the outside walls, fountains played and, in the bushes, his Ford-ham morals outraged, his soviet mind seething with civil service ambitions, G.Gordon Liddy watched.

Twice a week we would hear the ominous flap-flap-flap of the whirling paddles and watch the sheriff's helicopter circling above and men with cameras and binoculars pointed at Arcadian bliss.

The roadblocks and surveillance continued, so we closed the castle and set up camps in the forests. The tepee is the most sensual living arrangement ever designed by mankind; soft, fur-lined nosecone of pleasure pointed at the stars. Twice a week we would hear the ominous flap-flap-flap of the whirling paddles and watch the sheriff's helicopter circling above and men with cameras and binoculars pointed at Arcadian bliss. Liddy used to tell lurid stories of seeing naked women (!) emerging from tepees. This is what police work is all about! We treasured those moments of surveillance, feeling a strong bond of affiliation with Vietnamese peasants and Che guerillas and African lions and all wild, free creatures on this planet gazing up in surprise at armed agents, Sci-Fi spies in government motor ships. Some

of the forest people wondered if we could bring down a helicopter with the power of thought. Others suggested laser rays. But the wheel of karma was to balance everything.

Woodstock and Watergate

July 1973  
Folsom Prison

Head-high dissident youth ended the Vietnam war, drove Johnson from the White House, and would have elevated Robert Kennedy to the presidency, but Sirhan's steel ballots elected Nixon.

If Bobby Kennedy had lived...well, among other things, the control of drugs would have been given to physicians and researchers in H.E.W.

The night of his election Nixon was interviewed in the locker room and, in flush of super-bowl victory, revealed the philosophy which was to guide his administration: Keep Fighting. The influence of Vince Lombardi (win at any cost) on the American right-wing cannot be overestimated. It is no accident that Lombardi died in Washington. Another omen.

Nixon was later to blame Watergate on the counter-culture, claiming that his special police force was necessary to deal with anarchy and disorder in the late sixties.

Very few Americans, even in these post-Watergate days, understand how Nixon set up his very own Special Service elite police, whose mission was to harass, intimidate, arrest and imprison dissenters. Under the guise of "drug control" this Orwellian coup



was accomplished with the approval of middle-aged liberals. It was so simple. The Narc budget jumped from 22 million to 140 million. Narcs are "mood-police," "thought-police" pursuing the victimless crime of cultural dissent. Constitutional rights were suspended and martial law (no-knock, stop-and-frisk, curfew, etc) was imposed selectively on one easily identifiable segment of the population, the victims exactly those

Space Migration Intelligence Increase Life Extension

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Woodstock and Watergate

Fear descended upon this land. The spokesmen for the counter-culture were arrested, harassed, silenced. The press cooperated completely, endorsed the dope-program and piously denounced the counter-cultures.

who are persecuted by the same police tactics in communist, socialist, and right-wing dictatorships throughout the world. Nixon nixing pant-suits and Agnew rock and roll.

Fear descended upon this land. The spokesmen for the counter-culture were arrested, harassed, silenced. The press cooperated completely. Slanting reporters, columnists, and editorial writers endorsed the dope-pogrom and piously denounced the counter-culture. Most everyone born before 1930 hated the sixties, felt alienated, left behind.

We were told to blame ourselves for being too innocent, optimistic, for failing to recognize the reality of evil. The Manson-Nixon paradox. Lampoon editors got rich en-

teraining New Yorker audiences with the bizarre notion that Woodstock was a lemming-assemblage of death-cultists.

Everyone with a media hook, a money itch, an ambition habit can make it by playing on the mediocracy's fear of the free unknown. G. Gordon Liddy, on the basis of his Millbrook dramatics, rides it to the White House as super-narc. Any ex-Marine with a sadism kink too conspiratorial for the F.B.I, or state police volunteers for the new gestapo. American narcs make expense-paid tours around the world teaching foreign police how to detect the new enemy. And at home neo-Stoicism becomes the philosophic cop-out. Cynical retreat from hopeful Utopianism. Swami turn-off passivity. Think little. "Lay low" replaces "stay high." Don't you realize that this Nixon wave of repression was a check-out test to see where we're at and where we want to go?

## The Adversary Process

June 1973

Folsom Prison

Nixon often referred to "the other side" in justifying his repressive moves. The enemy is whomever keeps one from power. Brezhnev and Mao become allies, useful in keeping one another in office. Villagers bombed in Cambodia are not enemies. They aren't even people. The real enemies are Muskie, Larry O'Brien and the dissenting young.

This is the global trend that leads to international detente and domestic repression. Brezhnev drinks champagne with Nixon and goes home to imprison the Russian dissenters. Chou En-Lai pals with Kissinger and crushes the attempt of Chiang Ch'ing

(Mao's wife) and the youthful Red Guards to loosen the bureaucracy. Algeria patches up its quarrel with America and turns the police on its college students. Nixon swaps oil for jets with the Shah while Iranian students picket in the streets. Etc.

Watergate is the last phase of the War Between the Generations. Nixon, forced to organize special police to deal with protesting youth, picks out his own "good kid" John Dean to be the fall guy. It turns out that Watergate was just a bunch of irresponsible kids masterminded by Dean and Segretti in over-zealous opposition to another bunch of irresponsible kids led by Dan Ellsberg and Tony Russo.

One of the many enlightening facets of Watergate is the growing realization that the whole mess has been created by lawyers. By the "whole mess" I refer to the government. A country run by law is a country ruined by lawyers. It is neurologically impossible for a lawyer or a military man to think creatively or to act in harmony with nature. Obfuscation and opposition based on paralyzed precedent. There are over 200,000 lawyers working for the United States government.

Space Migration Intelligence Increase Life Extension

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Secrecy

May 1973

Folsom Prison

Karma works with perfect precision in this life. Whatever you think comes true and so does its opposite. In his State of the Union message on crime, Nixon vows, "We

shall have no pity on criminals." Eight months later he and Agnew are looking around for permissive judges. The adversary process gets everyone in the end. Every jury is hung. Vice versus. We get to play every part in the dramas we initiate. There's no way to avoid total responsibility. The very moment World War II ends, the wheel flips over and the Germans start becoming Americans, Americans transform into good Germans, and the Jews develop the most efficient military and secret police in the world. Beware of your enemies because you are going to become them. Right-wing anti-communists ape Soviet methods. Stalin becomes Czar. "We'll throw every crook in jail," promises John Mitchell. Every prisoner is a jailer. Eldridge taught us that. Roosevelt the great liberator condemns the working man to Archie Bunker slavery. No amnesty, said Nixon. No one learns. A convict leans on my cell bars delightedly cursing Nixon and Agnew. The warden's wife has just been shot. "Those dick-sucking motherfuckers will change their mind about capital punishment now." "How about amnesty for everyone," I suggest, motioning towards him and myself and them over there. "String 'em all up," says the convict who opposes the death penalty.

When you think about it, secrecy is the cause of the whole flap. Ellsberg and Russo published some secrets. Leaks in the White House. The plumbers steal Ellsberg's

Secrecy

I can tell you bugging is nothing to worry about. I've been tapped, surveilled, tailed for ten years. The Algerians knew every move we made. That's why they liked us.

psychiatric secrets. And bug the Democrat's phone calls. The entire White House is involved in cover-up. The hearings center on cover-up of the cover-up.

Secrecy is the enemy of sanity and loving trust. If you keep secrets, you are an insane paranoiac. Concealment is the seed source of every human conflict. Secrecy is always caused by guilt or fear. Liddy's parents were guilty about sex. And Nixon's parents. It drives them crazy when he secretly suspects that she's keeping secrets so he hires a private detective and ^× vice versus.

Let's break out of the huddle. Before J. Edgar Hoover there were no secret police in this country. Before World War II there was no C.I.A. and America was amazingly unconcerned with secrecy. The hidden sickness has become lethally epidemic in the last forty years.

Now comes the electronic revolution. Reveal-ation. Bugging equipment effective at long distances is inexpensive and easily available. Good. Liberals want stiff laws against bugging. It's the wrong move. Legalize everything. Legalize bugging. Let's forget artificial secrets and concentrate on the mysteries.

I can tell you bugging is nothing to worry about. I've been tapped, surveilled, tailed for ten years. In Algeria everyone knew of at least three taps on all international calls ^× Algerian, French and C.I.A. The Algerians knew every move we made. That's why they liked us. I was called in once by the Swiss Secret Service about some threats on my life. They offered me body guards. I looked at the chief agent and laughed. "Moi! Merci,

non." The agent laughed with me. "Professor, the Swiss police never sleep. We watch over you twenty-four hours a day." Any real true intimate secrets are preserved in the tender codes of love. Privacy is woven with electric threads of contact that cannot be INTERCEPTED. Love has nothing to hide.

Secrecy is the original sin. Fig leaf in the Garden of Eden. The basic crime against love. The issue is fundamental. What a blessing that Watergate has been uncovered to teach us the primary lesson. The purpose of life is to receive, synthesize, and transmit energy. Communication fusion is the goal of life. Any star can tell you that. Communication is love. Secrecy, withholding the signal, hoarding, hiding, covering up the light is motivated by shame and fear, symptoms of the inability to love. Secrecy means that you think love is shameful and bad. Or that your nakedness is ugly. Or that you hide unloving, hostile feelings, Seed of paranoia and distrust.

Those who love have no need to hide their actions. As so often happens, the extreme wing is half right for the wrong reasons. They say primly: if you have done nothing wrong, you have no fear of being bugged. Exactly. But the logic goes both ways. Then F.B.I, files, and C.I.A. dossiers, and White House conversations should be open to all.

36 S.M.I2.LE.  
S.M.I2.L.E S.M.I2.L.E S.M.I2LE S.M.I2.LE

Let every thing hang open. Let government be totally visible.  
The last, the very last people to hide their actions should be the police and government.

Let every thing hang open. Let government be totally visible. The last, the very last people to hide their actions should be the police and government.

We operate on the assumption that everyone knows everything, anyway. There is nothing and no way to hide. This is the acid message. We're all on cosmic T.V. every moment. We all play starring roles in the galactic broadcast: This Is Your Life. I remember the early days of neurological uncovering, desperately wondering where I could go to escape. Run home, hide under the bed, in the closet, in the bathroom? No way. The relentless camera "I" follows me everywhere. We can only keep secrets from ourselves.

And none of the legal experts get the point of Watergate. Cox chasing leaks from his own staff.

We recall the classic political scandals involving secrets: Dreyfus, Alger Hiss, the Rosenbergs. The heroic figures around whom Watergate revolves, Tony and Dan. Brave Russian dissenters uncovering the secret that everyone knows about Soviet repression.

I laugh at government bugging. Let the poor, deprived, bored creatures listen to our conversations, tape our laughter, study our transmissions. Maybe it will turn them on. Perhaps they'll get the message our love-shine transmits: there is nothing to fear.

The Curse of the Oval Room

August 1973  
Folsom Prison

Power corrupts, rots, destroys, curses those who impose their rules upon others. We can only explain the addictive inability of politicians to recognize this historical fact as another one of those weird and faulty wirings that incapacitate the crippled nervous systems of our species.

Before 1914, the one throne of planetary power was contested by the kingdoms of Europe. After World War I the one crown passed to the Presidency of the United States. The word "crown" is not a metaphor but a scientific construct referring to a confirmable neurological state. Enormous psychic energies are directed towards the person who assumes the position of global power-holder. Unless this person possesses extraordinary psychological strength, clarity, and flexibility, his neurology blows a fuse. It is not altogether fanciful to refer to the "curse" of power that crazes all but those rare sovereigns who are genetically prepared for the responsibility. It is one of the many paradoxes of power that it can never be safely bought. The strength to rule is a neuro-genetic gift.

Since the time of Woodrow Wilson (Nixon's broken hero, by the way) ten men have ruled the world from the Oval Room of the White House. Three have died in office ^× Harding, Roosevelt, and Kennedy. Four lived out their days crippled by failure ^× Wilson, Hoover, Johnson, and Nixon. The remaining three ^× Coolidge, Truman, and Eisenhower ^× also teach us something about the enigmatic, humbling pursuit of puissance.

The Curse of the Oval Room

Power corrupts, rots, destroys, curses those who



impose  
their rules upon others.

And in the background the wailing Cassandra keen of  
Martha Mitchell: "John and I  
had everything going for us until he went to  
Washington. Now we've lost everything."  
It's a God-damned Greek morality play. Two days before  
the Agnew expose I wondered  
how many more disasters must come down before the  
writing in the sky becomes  
clear.

"G. Gordon Liddy for Congress"  
campaign poster. Liddy claims credit  
for smashing Millbrook mob.

## The Fall of Representative Government

September 1973  
Folsom Prison

Americans, reeling with premonition, look around for a  
hero, an untainted leader. Let  
me tell you the good news. There won't be one.  
Politics is too important now to be turn-  
ed over to ambitious politicians and adversary-process  
lawyers. The wise administra-  
tion of social and economic affairs requires  
temperamental and intellectual character-  
istics notably absent in those who are driven to seek  
power. Do you really want to know  
what causes our political secrecy problems?  
Representative government. Elective  
democracy: one person is selected to "represent"  
others. Government by proxy. Even  
in the most liberal democracy, no one can represent  
someone else. (The non-repre-  
sentative nature of totalitarian governments is even  
more unwieldy.)

We have been robot-trained to believe that democracy  
as practiced in this country is

something sacred. Everything we have been taught is dangerously wrong. Our history books are self-serving fabrications. Everything printed in our newspapers is a selective fraud. (I know that you know this, but we have to keep reminding ourselves.)

Representative government as practiced today is a brief and now outmoded historical phase designed to bridge the period between the rise of national states and the emergence of globe-linking electrical-electronic communication.

The generic definition of democracy is equal voice for each citizen. In the town meeting or in the city-state participative democracy worked. As the national state emerged, the practice of selecting representatives to be sent to the distant capital became an inevitable step. An ominous division of labor developed. A class of secretive professional politicians.

### The Fall of Representative Government

The American Constitution was written in a late-stone-age, pre-mechanical, horse-power, slave-holding period. The articles which set up the mechanics of government are dangerously archaic.

The American Constitution was written in a late-stone-age, pre-mechanical, horse-power, slave-holding period. The preamble to the Constitution, which states the aim of the game, still stands as a good computer program. But the articles of the Constitution, which set up the mechanics of government, are dangerously archaic. Senators elected every six years to represent two million people? A president elected every four years to

represent 200 million people? This slow, cumbersome system was necessary when it took two weeks for the news to travel from New Orleans to Boston. Representative government by strangers and political party partisanship is outdated. Most Americans have never met their representative ^× indeed do not know his name. Government by law is an unworkable cliché.

The political model should be based on the nervous system: 20 billion neurons each hooked to an electric network. Electronic communication makes possible direct participatory democracy. Every citizen has a voting card which he or she inserts in the voting machine and central computers register and harmonize the messages from every component part. Neurological politics eliminates parties, politicians, campaigns, campaign expenditures. The citizen votes like a neuron fires when it has a signal to communicate. The voices of the citizenry continually inform civil service technicians who carry out the will, not of the majority (a vicious and suicidal elevation of the mediocracy) but of each citizen. The central computer is programmed to make everyone as free and happy as possible.

October 1973  
Folsom Prison

Technology can be used to reduce individual freedom and to enhance the power of politicians controlling centralized governments. B.F. Skinner, the conditioning psychologist, speaks for the authoritarian technocrats advocating a control beyond human freedom and dignity. The control people realize that a highly technological society requires total cooperation and docile obedience of the citizenry. Skinner's

system for conditioning children requires total control of reward-punishment and complete secrecy about the methods involved. The vulnerability of any technological system of totalitarian mind control is the prerequisite of secrecy and unanimity. One dissident electronic-media expert, one libertarian psychologist can jam the system. I did it here. Sakharov is doing it in Russia. Only by understanding the principles and techniques involved can one avoid being computerized and conditioned. This is, of course, why I am the prototype Sci-Fi prisoner in America.

The challenge and glory of techno-neurological democracy is this: society can no longer allow one person to feel abused, persecuted, ignored. Everyone must understand how the open neural network works and have access to it. Listen. Last August I was invited to dinner by an influential Swiss politician who said he could arrange for political asylum in his canton. He was a secret sexual dissident, his apartment a cozy culture cave, walls lined with classical albums, and upholstered with leather-bound, never-opened books. My host cooked and served a gourmet dinner. I sat at the head of the table drinking wine, listening to six businessmen explain why Switzerland should

### The Return of Individual Sovereignty

The glory of electronic technological scientific culture is that it operates according to the laws of nature and cannot be permanently captured by the artificial laws of politics.

vote "yes" on the referendum to authorize the manufacture and sales of arms. "It's not

the money, it's the market principle; if the underdeveloped countries want to buy arms why shouldn't we profit." Etc.

I had been shooting screen tests for the role of Harry Haller in the film production of Hesse's Steppenwolf.

Then the party fell to discussing the shoot-out at the Munich Olympics. Everyone clucked and shook their heads.

I was totally programmed by the Hesse-Haller script. You remember the bust-of-Goethe-scene? Haller tells the professor that he is a drunken, outlaw philosopher unfit for social appearances. Unhappily none of the dinner guests had read Steppenwolf. It's untidy when the other actors don't realize that we're playing out the classic script, almost word for word.

I recited the Haller-Hesse lines:

"Munich, my friends, is neither good nor bad. It's an inevitable, undeniable symptom. A meteorological signal. Too bad that ten men were slain, the games disrupted, and the very word Olympics now and forever associated with political despair. Will the lesson be learned? The same week a thousand peasants bombed to death in Vietnam, half a million Pakistani-Bangladesh rot in prison camps, while the affluent gather in Munich to play flag-waving contests for national prestige. The lesson of the Munich Olympics is that in this technological world as long as any one person hurts or even believes that he hurts we have to stop games-as-usual and pay attention to the wounded member. Life on this planet is one living organism and the pain of the smallest cluster of cells can cripple the whole. Hijackings,

electronic sabotage, crime waves, biological-germ guerilla coups, are the initial symptoms."

I'm walking on the prison yard with Wayne, who asks me about the lesson of Water-gate. I tell him that we are going to replace representative government by proxy and substitute electronic voting. Every citizen registers his or her signal. Wayne's a realist. He shakes his head. "Of course, it's the only solution, but it's too far out. It will scare people." I tell him that it's not so new. The stock market works exactly on that principle. Continual votes of confidence. Ongoing registry of opinion. Tell people they all own an equal share in the government. Wayne shakes his head. "Keep thinking." (People would be surprised at the level of prison conversations. All I ever hear are discussions about the great political and philosophic questions and their solution.)

Okay, how about this? There is one thing that every American agrees on. The dishonesty and incompetence of politicians. Any politician who runs for office on the

Language, thought and custom are becoming electrically energized. Those born into the electronic culture will soon learn how to govern themselves according to the laws of energy.

platform that he's going to do everything he can to take power away from politicians and return it to the people is going to ride a powerful wave. The number one issue is the inability of the government to govern. A new constitutional convention charged with the responsibility of creating a governmental structure which utilizes electronic expression of individual opinion will get the country

alive and laughing again.

The glory of electronic technology and scientific culture is that they operate according to the laws of nature and cannot be permanently captured by the artificial laws of politics. The medium is the evolutionary message. Science and technology cannot be controlled by a national leader or restrained by national boundaries. Language, thought and custom are becoming electrically energized. Those born into the electronic culture will soon learn how to govern themselves according to the laws of energy.

Platitude tells us that Nixon will never recover from Watergate. Neither will the country. Competitive politics is dying. Vince Lombardi is a crewcut dinosaur. The secret is out. Tap our wire any time you want, Liddy. We're broadcasting for you, too. We've got continuous power output, direct coupling, audible spectrum, low noise transmission, high circuit reliability, superb capture rate, excellent selectivity. If we had known you were hiding in the paleolithic bushes we would have invited you to tune in. It's the new Hi-Fi, Psi-Phy, polychromatic, multi-channel planetary network and we're all linked up love.

How To Wash Brains

December 1975  
San Diego Federal Prison

The fight for Patty Hearst's mind is symptomatic of the world-wide battle for the control of consciousness.

\*

"Mom, Dad ^x I'm OK. I had a few scrapes and stuff, but

they washed them up, and  
they're getting OK...I heard that Mom is really upset  
and that everybody was at home,  
and I hope this puts you a little bit at ease...I want  
to get out of here, but the only way  
I'm going to do it is if we do it their way...I just  
want to get out of here and see everyone  
again and be back with Steve."

February 12, 1974. The speaker is Patty Hearst.  
Although she has been held prisoner  
by the Symbionese Liberation Army guerrillas for eight  
days, she sounds relatively  
normal, and the tape is reassuring to her parents.

A second tape is released by the S.L.A. 49 days later,  
and everything changes. A  
new voice, that of a stranger named Tania, is speaking  
and the words are hostile:

"I know for sure yours and Mom's interests are never  
the interests of the people.  
You, a corporate liar, of course, will say that you  
don't know what I'm talking about, but I  
ask you then to prove it. Tell the poor and oppressed  
people of this nation what the  
corporate state is about to do. Warn black and poor  
people that they are about to be  
murdered down to the last man, woman and child."

This tape is accompanied by the famous photo of Tania  
holding a tommy gun, stand-  
ing before the Symbionese seven-headed cobra.

There is no escape from our robohood unless and until  
we  
first recognize the fact. Only then can we learn to  
take control  
of our nervous systems and to reprogram our individual  
realities.

Randolph Hearst, Father of the Year and top manager of  
a mass-media propaganda



machine that has helped domesticate millions of minds during the past century, comes before the TV cameras and says, unconvincingly, "We had her 20 years; they've only had her 60 days. I don't believe she's going to change her philosophy that quickly and that permanently."

Two weeks later, Tania is photographed robbing a bank with her new comrades, and the third tape, even more vehement, describes the parents she had wanted to see again as "pigs" and Steve Weed, the lover she had wanted to return to, as "a clown" and a "sexist pig."

Tania would live to change her mind again, but obviously she would never again be the original Patty Hearst.

During the trial of Lieutenant William Calley, it was obvious to millions all over the world that the U.S. Army was seeking to disguise its own guilt by making a scapegoat out of a singularly naive young man. It was not obvious to Calley, however. "I'm for the Army all the way," he told reporters. "I'm behind it, a member of it. The Army comes first. No matter how much I could help my own defense, I won't make any derogatory statement about the Army."

Rusty Calley was, before induction, an unattached, marginally employed drifter ^x a bellhop, a dishwasher, a pieceworker ^x until he underwent the brain-changing ordeal of infantry basic training. Today he dutifully defends his brainwashers as robotically as Tania once defended hers, and he justifies mass murder in the jargon of the true believer.

Between the time of her arrest for pointing a gun at

Gerald Ford last summer and her conviction last November, Lynette "Squeaky" Fromme did nothing to aid her own defense and everything to broadcast the philosophy of Charlie Manson, in whose commune she had been brainwashed. Nothing said by the judge or by her own lawyer could make Fromme's legal situation real or important to her. All that she cared about was having the attention of the media in order to broadcast Manson's message.

There is nothing to indicate any special weakness in Patty or Rusty or Squeaky. They were quite normal young Americans until they came into the ambience of, respectively, the S.L.A., the U.S. Army and the Manson family. This is the first lesson we must UNDERSTAND.

The four survival brains are progressively bleached out and reimprinted in the relatively simple mechanical process called brainwashing.

Brainwashing, like malaria, is a disease of exposure. Put people in a malarial environment and most of them will get malaria. Put them in a brainwashing institution and most of them will get brainwashed.

The concept of "washing" is, of course, unscientific and crude. The brain is not a dirty garment but a bio-electric computer <sup>^x</sup> a living network of over 110 billion nerve cells capable of  $10^{27}$  interconnections, a number higher than the total of all the atoms in the universe. In this elegant, microminiaturized computer, more than 100,000,000 processes are programmed every minute.

The brain and the nervous system, like the rest of the

body, are designed and programmed by the genetic code. The human being, like all other life forms, is primarily "a giant robot created by DNA to make more DNA," as Nobel geneticist Herman J. Muller has observed.

We are all neurogenetic robots. And, however unpleasant it may be for Christian theologians or sentimental humanists to acknowledge this, there is no escape from our robothood unless and until we first recognize the fact. Only then can we learn to take control of our nervous systems and to reprogram our individual programs.

A basic example of brain programming, which helps us to understand Rusty, Squeaky, Patty and ourselves, concerns the newborn giraffe whose mother was shot by hunters. The baby giraffe <sup>^x</sup> in accordance with its genetic program <sup>^x</sup> imprinted the first large moving object it saw, which happened to be the hunters' jeep. It followed, vocalized to, tried to suckle and eventually to mate with the unresponsive vehicle. The giraffe's survival instincts were hooked to that jeep.

The human being also imprints <sup>^x</sup> or hooks its neural equipment to <sup>^x</sup> external objects. Among humans, these imprints come in four stages:

- I. The infant biosurvival circuit, concerned with safety-danger signals here and now.
2. The older-infant (toddler) circuit, or ego; concerned with motion and emotion;
3. The student, verbal-symbolic circuit, or mind; concerned with language and knowledge;

4. The adult sociosexual circuit, or personality; concerned with domestic behavior.

These four circuits are the four brains that are progressively bleached out and re-imprinted in the relatively simple mechanical process called brainwashing. The process is simple, because the original imprinting of these circuits was also relatively simple.

Throughout human life, when the biosurvival brain flashes danger, all other mental activities cease. To create a new imprint, first reduce the subject to the state of infancy, i.e., first-brain vulnerability.

The first circuit, or biosurvival brain, is activated at birth. Its function is to seek food, air, warmth, comfort and to retreat from what is toxic, harsh, or dangerous. The biosurvival circuit of the animal nervous system is DNA-programmed to seek a comfort-safety zone around a mothering organism. If a mother is not present, the closest substitute in the environment will be chosen.

For the newborn giraffe, a four-wheel jeep was fixated. In one of Konrad Lorenz's ethological studies, a gosling that could not find the rounded white body of a goose to fixate imprinted a round, white ping-pong ball.

Throughout human life, when the biosurvival brain flashes danger, all other mental activities cease. This is of key importance in brain programming: to create a new imprint, first reduce the subject to the state of infancy, i.e., first-brain vulnerability.

The initial step in this process is isolation of the

victim. A small, dark room is ideal, since the social, emotional and mental techniques that formerly ensured survival will not work there. The longer the person is isolated in such a state, the more vulnerable to new imprint he or she becomes. As Dr. John C. Lilly has pointed out, it takes only a few minutes of true isolation before anxiety appears and only a few hours before hallucinations begin, and the victim is ready to be imprinted with a new protective, maternal object.

It is no paradox that even the captor who is imposing this brainwashing on the unwilling subject can be the one imprinted. The victim is forced by instincts <sup>^x</sup> biochemical programs <sup>^x</sup> many millions of years old to seek this imprint and to hook it to whatever external entity comes closest to the mother archetype. For a human prisoner, any two-legged being who brings food will serve.

The second circuit, the emotional brain, or ego, is initially imprinted when the child begins to use muscle power to crawl, walk, master gravity, overcome physical obstacles and manipulate others politically. The muscles that perform these functions are very quickly imprinted with what become chronic, lifelong reflexes. Depending on the accidents of environment, this imprint will make for either a strong, dominating ego or a weak, fearful ego.

Status in the pack or the tribe is assigned on the basis of an unconscious signaling system in which these muscle reflexes are crucial. All of the emotional games or cons, listed in the popular game-manuals of Dr. Eric Berne and the transactional analysts, are second-brain imprints, or standard mammalian politics.

To re-create second-brain imprint vulnerability in an adult, the subject must be made to feel like a clumsy infant. The subject's neurological Scoreboard must clearly

Basic imprint vulnerability occurs when the subject comes to believe, "I have no choice; they can do anything they want with me."

register the message, "I am one foot tall, ignorant, inept, frightened and wrong. They are six feet tall, wise, clever, powerful and right."

Helplessness can be escalated to panic by means of terror tactics. In Costa-Gavras' film *The Confession*, the Communist brainwashers take the subject from his cell, put a noose around his neck and lead him to a place where he expects to be hanged; some African tribes take candidates for "initiation" and bury them alive for hours.

Basic imprint vulnerability occurs when the subject comes to believe, "I have no choice; they can do anything they want with me." At this point, the emotional brain hooks into the victim internalizes a rank in the pecking order under the protection of the most powerful figure available.

The third brain, or rational mind, is imprinted when the child begins to use artifacts and to ask questions. The imprint sites are the nine laryngeal muscles that are used in speech and a neural feed-back loop between the right hand and the left cortex, which is used in examining, classifying and rearranging the objects of the environment. The entire edifice of science, art and knowledge is built on this foundation.

The quickest way to reimprint the third brain is to detach the victim from those who share the same language, symbols and doctrines by placing the victim in a situation where his usual verbal skills and physical dexterity won't work, where he has to imprint new signals and skills in order to survive. For example, it is well known that the best way to learn a foreign language is by living with those who speak that language only: Hook the first-circuit survival needs (food, shelter) and the second-circuit status needs (security, recognition) to the third-circuit necessity of mastering the new tongue.

Conversely, the proverbial Englishman who dressed for dinner every night in his lonely tropical hut was no fool. He was keeping an English bubble around him by constantly reaffirming an English reality, and so avoiding being engulfed in the reality of the natives. It is not unusual for a man to become a Communist when he lives with Communists, or a convict when he lives with convicts. In fact, it requires delicate neurological engineering to remain oneself under such conditions.

The fourth brain, or personality, is activated and imprinted at adolescence, when the DNA signal awakens the sexual apparatus. The teenager becomes the bewildered possessor of a new body and a new neural circuit hooked to orgasm and sperm-egg fusion. The pubescent human, like any other mammal, lurches about in a state of mating frenzy, every neuron gasping for the sex object.

Imprint vulnerability is acute, and the first sexual cues to turn on the adolescent nervous system remain fixed for life and forever

define the individual's sexual reality.

We should not be surprised, therefore, at the various fetishes that are so easily

Everywhere, in every society, the sexual brain is ruthlessly domesticated, channeled into tribal productivity. Socially approved orgasm is directed toward monogamous procreation; pleasure directed orgasm is denounced.

acquired at these sensitive moments. In fact, we can tell precisely at what period in time a person was imprinted by noting which fetishes continue to turn him on: black garters, booze, cool jazz and crewcuts define one whole generational imprint group, just as sleeping bags, Mick Jagger, grass and tight jeans define another.

When Sinatra sings at Las Vegas, the menopausal fan ignores his wrinkles and double chin and the neurons kick over in reflex rapture. The younger generation is amused and bored: "What's that balding old man got to do with sex?" No group ever understands the fetishes of another sexual-imprint group.

It is important for the brainwasher to understand that sexual behavior is intensely influenced by social-domestic morals. The tribe always surrounds sperm-egg exchange with fierce threats and violent taboos <sup>^x</sup> to the degree that most people don't even know that the word morals refers to anything other than sexual no-nos.

Everywhere, in every society, the sexual brain is ruthlessly domesticated, channeled into tribal productivity. Socially approved orgasm is directed toward monogamous pro-



creation; pleasure directed orgasm is denounced and the practitioners are often persecuted.

Rewiring the sexual circuits, then, breaks the domestic bond, fissions the domesticated personality and allows for the creation of a new bond to a different sub-culture and to its heretical sexual value system. Such reimprinting of the erotic brain can be a most effective mind-washing technique but only as an adjunct to the basic bleaching out of the first- and second-brain circuits of security and ego status. For example, if Cinque had raped Patty Hearst the first night of her captivity, a strong revulsion on her part would probably have occurred. However, after the subject has come to look to the brainwasher for biosecurity, physical support, emotional reality definition, then a sexual seduction can imprint a new erotic field.

In order to maintain one's reality bubble, it is necessary to surround oneself with tribal reassurance. Most human communication is embarrassingly primitive, consisting of endless variations on "I'm still here. Are you still there?" (hive solidarity) and "Nothing has really changed" (hive business as usual). Isolation, the first step in brainwashing, removes this protective bubble. When the subject no longer receives feedback ^x "We're all still here; nothing has changed" ^x the imprints begin to fade.

Explorers and shipwrecked sailors who have survived prolonged isolation, Dr. Lilly has noted, are quite shy after being rescued. They are literally afraid of human conversation ^x sometimes for weeks ^x because they know that what they will say might sound insane to the domesticated ordinary adult; their

imprints have faded and they

Once the subject looks to the re-programmer for biosecurity and ego support, just as the infant looks to its parents, any third-brain ideology can be impressed on the vulnerable neurons.

are in the unconditioned free-floating world of the yogi or the mystic. It takes many days, at least, to reimprint their social bubble.

Similar imprint vulnerability and return to infancy occurs in many cases of prolonged hospitalization, an ominous fact that many medical technicians do not understand. Some patients are literally brainwashed into becoming lifelong invalids <sup>^x</sup> a classic case of second-brain helplessness <sup>^x</sup> and are accused by the staff of being malingerers, a label that shifts the blame from the incompetent technicians to the helpless victim.

It is the function of the nervous system to focus, to select, to narrow down, to choose, from an infinity of possibilities, the biochemical imprints which determine the tactics and strategies that ensure survival in one place, status in one tribe. The infant is genetically prepared to learn any language, master any skill, play any sex role; in a very short time, however, he becomes rigidly fixated to accept, follow and mimic the limited offerings of his social and cultural environment.

In this process, each of us pays a heavy price. Survival and status mean forfeiting the infinite possibilities of unconditioned consciousness. The domesticated personality

inside the social bubble is a trivial fragment of the potentials for experience and intelligence innate in the 110-billion-cell human biocomputer. We have literally been robbed blind; we have literally taken leave of our senses; we are literally only slightly more conscious than any other herd animal.

The brainwasher's job is simple, then, because it consists only of substituting one set of robotic circuits for another set. Once the subject looks to the re-programmer for biosecurity and ego support, just as the infant looks to its parents, any third-brain ideology can be impressed on the vulnerable neurons.

Because we are all imprinted by our own social bubbles, it isn't generally recognized that each reality map held by humans <sup>^x</sup> however eccentric and paranoid <sup>^x</sup> makes nearly as much sense as any other. People are vegetarians or nudists or Communists or snake worshipers for the same reasons that other people are Catholics or Republicans or liberals or Nazis.

During imprint vulnerability, anybody can be switched from one system to another.

We can easily be induced to go from intoning "Hare Krishna" to "Jesus died for our sins" to "Kill the pigs," and to find meaning in each of the implied ideologies. The next step is for the brainwashers to persuade us that anybody who doesn't see the world according to a particular reality map is wicked, or stupid, or insane.

After programming a third-brain bubble around the subject, a complete brain-

The ironic truth is that our concept of reality is so fragile that it collapses in a matter of days if we do not have

continual  
spot announcements reminding us of who we are and that  
our  
reality is still there.

washing procedure must then reimprint sexual drives  
and taboo systems. It is here that  
governmental brainwashers are amusingly inept, as  
compared with outlaw bands.  
Governments are prudish, uptight and sexually cold,  
because domestication depends  
on directing genital passions away from individual  
gratification and into the nuclear  
family ^× or, in modern insectoid socialisms, away from  
the individual and the family,  
and into collective hive productivity.

Sexual reprogramming can imprint either a new sex role  
(as when the Mau Mau  
insisted that would-be members perform an act of  
homosexuality, in order to sever  
themselves from family-oriented sex) or a  
sex-avoidance role (as with nuns, who  
become brides of Christ and convert sexual charges  
into religious tingles). The military  
and the prison systems, after isolating people from  
ordinary social reality, allow and  
tacitly approve asocial sexual imprints, whether  
heterosexual or homosexual; a year's  
worth of sperm on cell or barracks sheets is a year's  
programming in anti-domesticity.  
Similarly, everybody knows that the classic attraction  
of military life has been the  
opportunity for socially approved sexual license,  
including whorehouse adventures  
and the rape of enemy women ^× an enticing program to a  
young male primate.

(The great mystery that puzzled and irritated the  
menopausal males who ruled  
America in the Sixties ^× why weren't young males eager  
for the adventure of Vietnam?  
^× is easily answered in a neurological context: The

new sexual imprints of the marijuana revolution made it unnecessary and unaesthetic to go to Saigon to get righteously laid.)

Continual follow-up is necessary to reinforce any new reality imprint. The ironic truth is that our concept of reality is so fragile that it collapses in a matter of days if we do not have continual spot announcements reminding us of who we are and that our reality is still there.

The military accordingly constructs a military-reality island for its personnel. Every successful brainwasher, whether Synanon, a Jesus cult, a Hindu swami movement, a Manson-type family, or a militant terrorist group, creates a similar reality island; once a person joins, he is in all the way, 24 hours a day, seven days a week. Similarly, revolutionary governments dare not relax censorship or permit free communications in their drive to wash out the old imprints and reinforce new ones. Foreign or dissenting signals cannot, therefore, be tolerated.

This reality-island context helps us to appreciate the ease with which the Army brainwashed Galley.

A confused, ineffective youth joins the Army; during basic training, he is isolated

The hippie movement, with its estimated 35,000,000 pot smokers, can be viewed as an experiment in self-induced brain change. Neurotransmitter drugs perform the same function as isolation, as they weaken or suspend the users' old imprints.

from civilian society and all reinforcers of domesticated-herd imprints; his food, clothing and shelter are provided by the Army; and new authority figures make him feel helpless and inferior. Once Rusty has been reduced to an infant state and made totally dependent on the new father figures, he is allowed to work his way up in the new pecking order and to become one of the elect. After a few weeks of being made to feel one foot tall, helpless and clumsy, he is given weekend leave to explore the new soldier morality of easy camaraderie and socially approved casual sex. (And where else in straight America is casual sex so enthusiastically approved?) Day after day, Rusty's third brain is being programmed with military jargon, military concepts, military reality. When he encounters civilians on the street during weekend leaves, they seem alien.

Rusty has now been fully incorporated into the Army reality bubble. When his superior officer, Medina, shouts "Kill!," Calley will not ask about the Articles of War, the Nuremberg precedents, the ethics of Sunday school ^× they belong to other reality islands. He kills. The whole function of the reimplanting in basic training has been to ensure that Calley will obey in such situations.

The robotization of Squeaky Fromme by Charles Manson was just as simple, although the source of Manson's powers has been misunderstood.

It is insufficient, first of all, to say that Manson ^× and his powers over the family members ^× was a product of the drug culture. The hippie movement, with its estimated 35,000,000 pot smokers, can, in fact, be viewed as an enormous, mostly amateurish experiment in self-induced brain change.

Neurotransmitter drugs perform the same function as isolation, as they weaken or suspend the users' old imprints.

This is exactly why conservatives dread dope: They do not want the younger half of the population experimenting with consciousness alteration, ego change, mind metamorphoses and sex-role roulette. If the military had pioneered the use of grass as an adjunct to imprinting military obedience, social attitudes would probably have been reversed. Conservatives would have defended Cannabis with the same pragmatism that they brought to the dropping of napalm bombs, and radical dissidents would have dreaded Cannabis as much as they fear wire tapping.

Manson used drugs as but one brainwashing tool, and he did so for ends alien to the drug culture. While other gurus of the sixties used drugs to rewire their followers for the peace-love-ecology trip, Manson used the same drugs to imprint his family for fascism, racism, sexism. Manson could have become a platoon sergeant in the Green Berets.

In Helter Skelter, prosecutor Bugliosi lists the programs Sergeant Manson employed

The reality bubble Manson later created at the Spahn Movie Ranch near Los Angeles was the stereophonic 3-D dream of every pimp-doper-convict.

with his drugs: first-brain fear and isolation from straight society; second-brain communal status and rote-repetition of emotional phrases from the ever-convenient Bible; third-brain occult teachings; fourth-brain guilt-free sex. In The Family, Ed Sanders adds

that female members were usually initiated with an LSD trip, during which Charlie performed oral sex on them several times.

Of course, Manson's hypnotic power also derived from the pathetic fact that he was the most brainwashed robot of them all; Manson not only followed but believed in the blood-drenched script of the book of Revelations ^x the great beast, the war between good and evil, the last judgment. Instant apocalypse defined Manson's third-brain reality bubble; prison taught him how to enforce it.

Manson spent 17 of his first 32 years in prison; isolation behind walls and bars reinfantized his survival brain; competing gangs of cons and guards impressed the most violent mammalian politics on his emotional brain; a weird variety of fundamentalist and racist ideologies was fed to his symbolic brain; and anything except domesticated reproductive sex programmed his erotic brain. The reality bubble Manson later created at the Spahn Movie Ranch near Los Angeles was the stereophonic 3-D dream of every pimp-doper-convict.

The S.L.A. hideout of general field marshal Cinque, another graduate of the California archipelago, was the Marxist version of the same convict fantasy: guns, stolen cars, girls, obedience, senseless killings. S.L.A. kidnapers merely applied to Patty Hearst the standard brainwashing techniques learned by Cinque in the brain-change prisons of California: first, the physical shock of kidnap, the disorientation of the car-trunk ride and confinement in a small, dark room. Then came Cinque's visits to the isolation cell, and the transformation in his role from that of captor into that of the source of Patty's biological survival. The motherlike



Cinque brought food and drink; the fatherlike Cinque told her sternly that her survival depended on his whims. Patty is reduced to the status of a suckling infant, one foot tall in a six-foot-tall world.

Throughout life, when the first brain flashes danger, all other mental activities cease.

Once Patty had imprinted Cinque in place of her distant parents and unavailable lover, he introduced the new symbol system, the new reality bubble. His powerful laryngeal muscles filled the air of the tiny room with the sonorous, poetic rhetoric of the ghetto, the prison and the underworld, strengthened by Marxist apocalyptic theology. The same mindwashing has been experienced by thousands of runaways and dropouts who, during the past decade, found themselves in the crowded, womb-

## Neuropolitics

The importance of funk cannot be overestimated in these cases. The brain of the baby <sup>^x</sup> and of the reinfantized adult <sup>^x</sup> craves warmth, texture, skin smell, sloppy-moist contact.

warren pads of Haight-Ashbury or the East Village, vulnerable to a new, hip version of the ancient anarchist, outlaw symbolism.

(The importance of funk cannot be overestimated in these cases. The brain of the baby <sup>^x</sup> and of the reinfantized adult <sup>^x</sup> craves warmth, texture, skin smell, sloppy-moist contact. The newborn correctly equates dirt and smell with survival, and so does the hairy, aromatic hippie who thrives on incense,

candlelight, sleeping bags, crash pads. Domesticated moralists who denounce this rank way of life do not realize that, to the reinfantized brain, funk means survival bliss.)

The culmination of Patty Hearst's reprogramming was the new sexual reality imposed on her fourth brain. In a curiously naive account of Patty's captivity, an anonymous S.L.A. member has unwittingly outlined the brainwashing procedure:

"There are many people who still cannot comprehend Tania's swift evolution from sheltered bourgeois to freedom fighter. We wish to end all metaphysical speculation around brainwashing and sexual enslavement."

With this disclaimer, the S.L.A. account found in the Harris' San Francisco hideout proceeds to describe classic brainwashing techniques.

"In the beginning, we provided for Tania's basic needs: shelter, food, clothing, medical attention and news from the outside. Although we considered sex a basic human need, our commitment to not exploit her sexually, coupled with her over-all status as a P.O.W., denied Tania the freedom to have sex with another person. But later on...as she became more integrated into the day-to-day aspects of cell life, we tried to treat Tania as an equal. It was only natural that with increased personal interaction...these relations would develop sexually."

Tania's S.L.A. imprints, reinforced by 24-hours-a-day immersion in the new tribe's reality, seem to have remained durable until the Los Angeles shoot-out. Jack Scott's description of Tania in the subsequent months of cross-country flight, however, reveals a restless, irritable, unsettled person. The

chief programmer, Cinque, was gone and Patty/Tania eventually returned, with the instincts of a migratory bird, to San Francisco, the locale of her two birthplaces.

After arrest, a campaign to reprogram Patty yet again was initiated by her captors. Again her biosurvival needs were satisfied by her captors; her ego status depended on pleasing them, and ceaseless effort was made to induce her to verbalize anew the symbol system of her parents. The only deficiency in the new program was its lack of attention to Tania's liberated sexual imprints.

The hope for Patty Hearst ^x as for the rest of us brainwash victims ^x is to realize

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Brainwashing is happening to all of us all of the time. Knowledge of brain function is our only protection against it. The solutions to our predicament are neurological. We must assume responsibility for our nervous systems.

how robot-imprinting works, to exult in joyous insight and to start choosing our own imprints.

Was Rusty Calley, the Florida drifter, guilty of murder? No. The crimes were committed by Lieutenant Calley, a brainwashed robot programmed by the Army to kill on command.

Was Lynette Alice Fromme guilty of attempted assassination? No. The Sacramento gun was carried by Squeaky Fromme, a brainwashed robot from Charles Manson's zombie platoon.

Was Patty Hearst guilty of any crime? No. Tania is a brain-changed product of the neurotechnology of Drill Instructor Cinque.

But let us pursue the neurology of guilt a few steps farther. Who taught Charles Manson and Cinque the techniques of brain change, as well as their philosophies of violence? The prison system did. And who supports the prisons that robotized Manson and Cinque, along with the Army that mechanized Calley? Taxpaying citizens.

Our purpose here is not to provoke another round of liberal we're-all-guilty hand-wringing. Guilt, innocence, morality and will power have nothing to do with the neurological situation, which, in brief, is that we are all automatons responding automatically to imprinted realities of an embarrassingly arbitrary nature. The motivations of criminality and law-abiding virtue, of violence and love, of domestication and deviance, of laziness and industry, promiscuity and prudery, stupidity and cleverness, are always random neurological imprints. What impresses the neurons during imprint vulnerability is what gets imprinted.

Guilt, innocence, punishment, forgiveness, law and order, rehabilitation ^x all constitute the mythology that masks the simple reality of badly wired robots bumping into one another. Most agonizing and supposedly intractable social problems are caused solely by our ignorance of the brain's capacity for rote repetition and abrupt change.

Brainwashing is happening to all of us all of the time. Knowledge of brain function is our only protection against it. The solutions to our predicament are neurological. We

must assume responsibility for our nervous systems. Our robohood can remain static if we endlessly repeat the imprints of infancy to adolescence, or it can be drastically altered by brainwashers without our consent, or we can take control of our nervous systems. If we don't assume this personal responsibility, somebody else will; if we do take over the control board, we can each be any person we want to be.

## The Neuropolitics of Courage: A Brief Encounter with Charles Manson

Commodore Leri, Agent from Central Intelligence assigned to earth, third planet of a G-type Star, sits on the bench of the holding cell of Soledad Prison, dressed in the white jump suit worn by transferees. On his left, John O'Neill, a slick good-looking big-city Irishman down for ten to life for murder two. To his right, a tall, slim, pretty cowboy named Ted with Indian cheekbones, and a deep tan. Ted babbles evasively. He has been in and out of the joint for years and has the reputation of being a professional fuck-up. ("He ain't playing with a full deck," whispers O'Neill. "He's one of the girls and a snitch, too.") The three hold one-way tickets to the Dark Tower, and that has formed a bond among them. The Dark Tower is Folsom, a trans-Einsteinian Black Hole in the Earth Galaxy from which nothing ever escapes but feeble red radiation.

Leri had done some primatology research in Hollywood after the Tate-La Bianca murders and was fascinated by the wave of fright that swept through the film colony. The chic reaction was to install gate locks, which were opened by remote control after visitors identified themselves over an intercom. Whatever solace this arrangement

provided, it certainly would not have thwarted the creepy-crawly Mansonites, who avoided the gate at the Tate house because they suspected that it was electrified. So Leri wrote a memoir for OUI magazine to show that none of the human fears that Manson systematically exploited can be neutralized by external defenses. These terrors, he wrote, are internal neurological reactions and, in order to understand Manson, one must understand the neurology of human fear.

Before we can understand Manson, we must realize that a prison system is a microcosm of a culture and that the American prison system is run on raw fear and violence.

Manson, it was said, stimulated fear in others in order to gain power.

"One aspect of Manson's philosophy especially puzzled me: his strange attitude toward fear," Vincent Bugliosi says in *Helter Skelter*. "He not only preached that fear was beautiful, he often told the family that they should live in a constant state of fear. What did he mean by that? I asked Paul Watkins, (Manson's second-in-command).

"To Charlie, fear was the same thing as awareness," Watkins said. "The more fear you have, the more awareness, hence the more love. When you're really afraid, you come to 'Wow.' And when you are at Wow, you are totally conscious."

Let us give credit where credit is due: Manson's manipulation of fear has its roots in the paranoia behind the Cold War military posture, the antidrug scare campaigns, the addictive success of the most popular movies and crime shows, the actions of all

bureaucracy and law-enforcement agencies, and the operation of our penal institutions.

Before we can understand Manson, we must realize that a prison system is a microcosm of a culture and that the American prison system is run on raw fear and violence.

The bus comes snorting into the Soledad parking area. The Folsom-bound trio is motioned outside to stand in the sun glare, waiting for the chains. Commodore Leri recognizes the transport guards from previous trips: the burly black who likes to clean his automatic, the pink-faced John Wayne type, the sleek, mean sergeant.

"It's a hot day and a short ride and only a few of 'em. So we won't cuff 'em," says the sergeant.

"The Professor's an escape risk," says glum pink-face, rocking back and forth on his feet.

"Ah, he won't try a rabbit on us," purrs the sarge.

"Not until we make one mistake. Right?" says the black, looking at the Commodore coldly.

There are four other cons on the bus. All claim to have done time with the Commodore at joints he's never attended. "It's like Kennedy's PT-boat crew," he thinks.

The bus wheezes through Soledad's inner inspection gates and stops at the prison's main entrance. The guards dismount and wait while their guns are lowered in a basket from the tower. The bus chugs through the main

entrance gate and Soledad is left behind.

The ride through California's central valley is a pleasant exploration. Blake said that

Once, when his unwitting snub of a gang member thrust him into the center of a confrontation, several hundred men armed with prison knives stood uneasily on the yard while negotiations were conducted. Naked adrenaline diplomacy.

the fool sees not the same tree that the wise man sees. The free see not the same tree that the convict sees.

The power and politics of fear are, unfortunately, beyond the experience of middle-class electroids, who let televised actors get their kicks for them. Only the cop, the prisoner and the ghetto veteran know the primal exhilaration of total alertness<sup>^</sup>×which they must maintain in order to survive.

Leri's education in this raw reality of fear came quickly on the main line of a pre-Folsom Gulag. Every morning he would leave his cell at 8:30, walk to the end of the cell block, wait to be unlocked and then lope down the half mile of main corridor to his work assignment. On this daily commute, he passed more than 50 inmates and guards. And each intersection demanded a conscious and precisely accurate social signal. Failure to say "Hey man" to this one, failure to smile at another, failure to stop for a quick "What's happening, man?" with the next, could set off a complex reaction that might mean death. On the other hand, he dared not look at this one, nor smile at that one, nor stop to talk to the next, lest another cycle



of paranoia be set off.

Once, when his unwitting snub of a gang member thrust him into the center of a confrontation between opposing factions, several hundred men armed with prison knives stood uneasily on the yard while negotiations were conducted. That's reality politics. Naked adrenaline diplomacy.

At other times during his penal career, he was lucky enough to sit in prison yards and listen to scores of armed robbers describe their capers. Almost every one of these bandits admitted that the kick of the robbery came not from the money but from the panic aroused in the victim. "Man, those donkeys really piss their pants when you shove that big .45 in their faces." Loud laughter.

He also learned that the fear-generating bully who despises his victim also longs to submit to someone else. The most authoritarian person is comfortable only when supported by a stronger force. Manson, at the height of his Spahn Ranch power, was lost and confused without someone telling him what to do. As Manson told Bugliosi in a post-trial interview, "Prison has always been my home; I didn't want to leave it the last time, and you're only sending me back there."

The bus groans up to the Folsom perimeter. A gray-faced trusty with crablike motions runs to swing open the first gate. "All hope abandon, ye who enter here." The bus crosses the yard and parks by the entrance to the Folsom cell block.

The transit prisoners look out at the baseball diamond surrounded by concrete

Intelligence, defined as the accurate, flexible,

inventive use of the laryngeal and manual muscles, has no place in a fear society; the most dangerous and the strongest are automatically the smartest.

walks. The area is deserted except for a husky black man in a blue shirt who is watering the outfield, his rubber boots squishing in grassy puddles.

"Is this the main yard?" asks the Commodore. "It's not very large."

"Wait till you see it crowded with 2000 blue shirts," says a black slumped down in the front seat.

The escort guards jump down and confer over papers with prison guards. Everyone is bored.

"What happens now?"

"We gonna get put in the bottom tier," says the black. "We stay there till they decide we safe here. Like we don't have no enemies, you know. Except if they take any of us to 4A."

"What's 4A?" asks the Commodore.

"That's just the baddest place you can get," the black says, laughing. "The adjustment center, you know. That's where they stow the real badasses, too mean and violent for the main line. Or snitches who like ain't worth five minutes on the main line. Folsom is the bottom of the prison system, and 4A is the bottom of that. Here the 4A bulls now. That means one of us be heading for the hole."

Prison is the classic laboratory-training school for fear and fearlessness. The middle class is terrified of its raw jungle reality; it took four years of incarceration for Leri to be able to understand that if you show fear, you are marked for continual physical coercion.

Since Charles Manson spent most of his adult life in prison, he was obviously well-educated in the fear tactics of physical threat ("I am dangerous"), emotional dominance ("I am strong") and symbol manipulation ("I am smarter than you").

Intelligence, defined as the accurate, flexible, inventive use of the laryngeal and manual muscles, has no place in a fear society; the most dangerous and the strongest are automatically the smartest. Subtlety, insight, sensitivity, complexity, tolerant exchange of facts are verboten in a totalitarian system. The prison gang leader never admits ignorance or allows himself to receive facts. Communication is governed by pecking order. No one listens. No one thinks.

The seven men in the bus look at one another appraisingly: Who will Iron Jaws drag down to the hole? The metal door of a newer concrete building opens and three guards walk down the steps toward the bus. Big muscular men, carrying clubs held to their wrists with leather thongs. One of the transit guards leans inside the door of the bus.

The Alchemist is led into a bare room with a counter running along the left side. There are eight large guards, each carrying a club. Their faces are blank. "Strip."

"Hey, Doc. Come out here."

The agent assigned to a larval planet must confront every peril,  
descend to every depth, transmute gravity into levity.

"They got yo ass now," says the black. "Keep cool and you can talk your way out in a few weeks. Or years."

The Wizard nods to the commiserating faces of his fellow voyagers and descends from the bus. The afternoon sun steams off the concrete. There is a deserted, dead feeling.

The three club carriers look at him impersonally. One of them jerks his thumb in the direction of 4A.

The Philosopher, feeling suddenly quite thin and vulnerable, walks Biblically toward the metal door. He is flanked by two guards with clubs. A third covers his rear. At the entrance, a guard talks into a squawk box and the door clicks open noisily. They march into a long hallway running to the left.

It is, of course, pointless to attempt to summarize the Florentine factions that competed in standard mammalian fashion for territorial dominance in 20th Century America, except to note that Leri emerged in corporeal form just at the high-water mark of the American empire and was trained at West Point, a pre-space military academy for anti-Oriental warriors. Later he studied preneurological psychology at Berkelium and took part in the philosophical and epistemological brawling of the period.

One of the guards blows a whistle and two approaching convicts freeze.

The procession walks 20 feet down the hall and stops in front of another metal door.

A guard bangs with his club against the steel. From within, another guard peers out through a peep-hole and the door opens. They are now inside a windowless room.

Another door. The guard bangs again. Another face peers through another peephole. Now this door opens.

The Alchemist is led into a bare room with a counter running along the left side.

There are eight large guards, each carrying a club. Their faces are blank.

"Strip."

When Manson was released from prison in March 1967, he brought to the loose, open, gullible, happy, flower-child culture of the Haight-Ashbury the three fear-provoking skills he had learned in crime school: physical threat, emotional dominance and

The Neuropolitics of Courage: A Brief Encounter with Charles Manson

Millions of young people ^x and some flexible older people ^x were left floating in an ethical vacuum. Into this void moved the spiritual promoters and ethical mafias ^x the soul fuckers.

dogmatic repetition of symbols. To these primitive methods, however, he added the fourth and most effective source of his power: moral coercion.

Before the Sixties, most domesticated humans were

unaware of the way in which moral threat determined their behavior. They were oblivious to the coerciveness of family, clan, church, school and civil law, and of how each tried to limit behavior to that which would benefit the hive, the clan, the species. In the Sixties, however, a cultural revolution occurred which allayed the fear that is variously known as sin, guilt, evil and taboo. Millions of young people ^x and some flexible older people ^x were left floating in an ethical vacuum. Into this void moved the spiritual promoters and ethical mafias ^x the soul fuckers.

America, in the past decade, became a spiritual Wild West, with San Francisco as its Dodge City; religious gang leaders and ethical gunslingers competed for control, among them the Diggers, black militants, hippie gurus, Hindu swamis, hedonic prophets, Jesus freaks, makeshift messiahs, health-food fanatics, soul pimps and hope dealers.

Into this Byzantine situation came Manson, fresh from the academy of fear, brandishing a book that cites the highest ethical authority to justify ritual murder, a 3000-year-old text loaded with prescription and pronouncement designed to strike fear into nonbelievers: the book of Revelation.

Leri, as ordered, removes the white jump suit, socks and the white track shoes purchased in Lucerne.

His mistake, back in the early Sixties, had been to enter the Black Hole as detached observer, Newtonian fashion, according to preneurological notions of science. He learned, post-Heisen-

berg, that observer-observed are a seamless unity. You must enter the Black Hole as its true citizens do, defenseless, trapped, helpless. Only so can a fully Einsteinian scientific report on the domesticated apes of Sol-3 be accomplished.

He stands naked and a guard approaches with a metal detector the size and shape of a ping-pong paddle, which is passed around his head, face, neck and body. The guard then moves the detector over the discarded clothes. Another tosses Leri a tattered gray jump suit and cloth slippers, and points to a storeroom at the end of the counter.

"Get a mattress and two blankets in there."

The barred door to the right clicks open and the Professor, surrounded by three guards, walks into the bottom tier of 4A, past a row of cells on his left.

64 S.M.I2.L.E.  
S.M.I2.LE S.M.I2.LE. S.M.I2.LE. S.M.I2.LE.

While the soul fuckers shot it out in San Francisco, the Castalia Foundation, a continent away in Millbrook, New York, was becoming a world-recognized center for research in consciousness extension and self-induced brain change.

The slippers are too large, so the Wizard, carrying the mattress on his shoulders, is forced to shuffle as he passes the inspecting eyes of the prisoners, who begin to whoop and shout in pleased recognition.

"Hey! Whooe! Look who's here! Welcome to 4A,

brother."

Leri nods and smiles at the muscular blacks and stocky whites who stand by their bars, watching him stagger past. In the last cell of the row, a small man sits on the floor in the lotus position, smiling benevolently.

While the soul fuckers shot it out in San Francisco, the Castalia Foundation, a continent away in Millbrook, New York, was becoming a world-recognized center for research in consciousness extension and self-induced brain change. To the 64-room Alte Haus situated on an estate "twice five miles of fertile ground," came thousands of self-appointed messiahs, occultists and adepts. Millbrook was the Wimbledon of the spiritual upheaval. However simplistic, spaced-out, disorganized and anarchic this neurological phenomenon may have been, let no one doubt that the experiences were philosophically intense.

>From 1963 to 1968, there were almost no acts of physical threat, muscular coercion or symbolic intimidation at Millbrook. Of spiritual banditry, however, there was an epidemic.

Leri himself was scared witless scores of times by the energies released. At one peak of naivete, he took the innocent precaution of assuming that any wild-eyed pilgrim who knocked on the great oaken door waving celestial credentials should be admitted and given temporary benefit of doubt.

After five years' experience, the Millbrook staff became quite sophisticated in reacting with sympathetic skepticism to this army of divinities.



When a stranger would announce, "I am a special agent of God!" the genial answer would be: "Welcome to the club. So what's new with you?"

A cell door opens to a small anteroom, which leads to a second door, beyond which is a dark windowless cave. The guards close both doors and the Alchemist finds himself in a strip cell in the Adjustment Center.

In it are a seatless toilet, chipped and stained, a rusty-metal face bowl and a metal slab on which he throws the soiled, smelly mattress. The room is dark except for a rectangle of light that comes through the outer door. He has 24 years left to serve.

The Philosopher feels a sense of elation. This is it, he thinks. The indisputable, undeniable, Dantean bottom. After 18 jails and prisons on four continents, this is the ultimate pit. Now that the death penalty has been abolished, a strip cell at the end of the

Aided by bands of red-larvals, he escaped the dungeons of the West and fled to the Middle World, only to be imprisoned again by North African pirates. Such events were all too typical of that backward planet in primitive ages.

row in the bottom tier of Folsom's 4A is the nadir. "From here begins the journey home," he says to himself, looking up.

During the Indochina Wars, where the Western Imperial tide was thrown back, Americans took sides, and the two parties, Hawks and Doves, fought in the streets. It was at this moment

that Leri's brief political career temporarily distracted him from his role as Evolutionary Agent. With superhawk Nixon's ascension to power in 1968, the Evolutionary Agents were savagely repressed. Among those arrested^xand, of course, convicted^xwas Agent Leri. Aided by bands of red-larvals, he escaped the dungeons of the Past and fled to the Middle World, only to be imprisoned again by North African pirates. Such events were all too typical of that backward planet in primitive ages.

After ten minutes of darkness and silence, the outer door opens and a young blond prisoner enters. He leans against the bars of the inner door, smiling cheerfully.

"I'm sorry you're here, man, but welcome. I'm the trusty for the first tier. Do you smoke?"

"Yeah. And is there anything to read?"

"Sure. What do you like? I bet you don't like shit kickers, right? I'll get you something good. You may not be down here long. If they figure you're not violent, they'll move you upstairs."

The trusty slides out, leaving the outer door open. Reflected light of the setting sun warms the cell. In a few minutes, he is back, carrying a white envelope filled with tobacco, a pack of rolling papers and four paperbacks.

"These came from Charlie. He's in the next cell." That would be the guy sitting in the lotus position, looking benevolent. "He wants to know if you take sugar and cream

with your coffee. And if you like honey."

"Sure. Anything," says the Neurologician, smiling.

The trusty grins and disappears.

But as to what really happened in the Sixties while the Acid-Assassin Leri and his cronies were at large, there was no general agreement. The whispered words "spiritual revolution" could be heard in college classrooms, collective-farm meetings, youth congresses, suburban dachas and hooligan radio broadcasts. The infamous Leri seemed to be everywhere, instigating continuous

By the use of white magic <sup>^x</sup> neurological techniques that enable people to understand and to control their own nervous systems <sup>^x</sup> he neutralized occult power moves.

thought-crime and neurological child molesting, until the socialist masses themselves demanded that the authorities confine him to an educational labor camp. A new outbreak of rumors-sexual, pornographic, extraterrestrial, involving multiple agents and convoluted espionage networks<sup>^x</sup>spread further terror and an enigmatic eeriness.

Sitting on the bunk, Leri sniffs at the tobacco. Bugler. He rolls a cigarette and watches the smoke puff and cloud in the sunlight.

Twenty-four years left to serve.

He examines the books that Charlie has sent via trusty. The Teachings of the Compassionate Buddha. In Search of the Miraculous. The Teachings of Don Juan. And The Master and Margarita, a thick paperback novel about life in modern Russia, by Bulgakov. Some improvement on the Reader's Digest condensed novels from previous holes.

Now the blond trusty is back bringing envelopes filled with sugar cubes and powdered cream, a cardboard cup filled with organic honey, a box of crackers.

"Charlie sent these. I gotta go now. The bulls are watching me. I'll be back later if you need anything."

The disciplined study of advanced levels of consciousness and brain change inevitably leads to a consideration of black magic, which at Millbrook was defined as the use of neurological techniques to obtain power over others. Leri decided at that time that he would have nothing to do with black magic and deliberately refused to learn anything about satanic rituals. He was operating on the tar-baby assumption that any admission of black magic into consciousness could contaminate and make one susceptible to it.

Later, after belatedly discovering that he was being hexed, vexed, perplexed, painted into pentagons, exposed to Kali death-goddess mantras and flashed by charms and jujus, he decided to learn enough about the dark arts to recognize and react<sup>^</sup>not so much for self-protection, but to defuse misguided practitioners. By the use of white magic<sup>^</sup>neurological techniques that enable people to understand and to control their own nervous systems <sup>^</sup>he neutralized occult power

moves. He became adept at sensing precisely how realities are created at the beginning of an interaction, of how realities are subsequently imposed on others and of how reality invasions can be checked. He developed dozens of simple, humorous and aesthetic protections against black-magic reality take-overs.

One example is the Buddhist mudra<sup>^</sup>or hand movement<sup>^</sup>which means "have no

"This is eternity, brother. This is the end of the line. No one ever gets out once they've been here. This is forever."

fear." The thumb and index finger are joined to form a circle; the three remaining fingers are extended, as in the American OK sign. The circle thus formed can be used to focus consciousness. Through the circle, one sights the person who is projecting an unwanted reality. Then one shifts focus to one's own hand, and the person splits into two peripheral fuzzy optical blobs. And one's attention is centered on one's own ability to maneuver and control one's own consciousness.

Thus, years earlier, did Leri prepare for his first-and-only reality skirmish with Charles Manson, who began by imposing a reality in which he came on as Biblical prophet. Leri reacted with here-and-now Zen concreteness: "Gotta cigarette?" "How do you feel?"

The Extraterrestrial Agent sits on the floor, looks over the cell again. Reduced to isolation and helplessness, the bio-survival circuitry and emotional-glandular systems react in primitive, emergency patterns. The trained Neurologician scans the circuitry,

turns off the surrender/bail-out/die reflex, tunes in the success/bliss/patience networks and serenely waits for the past to catch up with the future. Eighteen prisons and jails in five years are good preliminary training in neurological engineering.

He hears a voice.

"So you finally made it here. I've been watching you fall for years, man. You know where we are?" The voice is cocky, somewhat patronizing. The lotus-position character in the next cell, who sent the books and coffee makings. Charlie. He repeats: "Do you really know where we are?"

"Where are we?"

"This is eternity, brother. This is the end of the line. No one ever gets out once they've been here. This is forever."

Leri listens to the voice with pity and irritation. He senses that Charlie speaks a resigned subjective truth. True, that is, for Charlie. The Commodore is not willing to be included in that reality, which he is planning to discard. But anybody on the inside deserves compassion. Besides, the Neurologician understands how this reality has been formed. Fear is the force that energizes and structures our social institutions, and Charlie is the totally institutionalized man, a Kafkaesque symbol of our technical-moral domestication. The military mind.

"Hey," Leri calls. "Did you send me the Bugler and the food? Thanks."

"It's my pleasure," says the voice. "I love everyone and try to share what I have. I've been waiting to talk to you for years. Our lives would

never have crossed outside. But now we have plenty of time. We were all your students, you know." The voice is low

"That was exactly the point," the Professor replies wearily.

"I didn't want to impose my realities. The idea is that everybody takes responsibility for his nervous system, creates his own new reality."

with the assurance of a fundamentalist minister.

"What do you mean?" The Wizard is leaning against the bars, cocking his ear to catch the soft, self-assured words.

"You know how it happened. I had been in prison all my life, and when I got out in the middle of the Sixties, there was a whole new world. Millions of kids cut loose from the old lies, free of hangups, waiting to be told what to do." The voice takes on a slight edge of complaint. "And you didn't tell them what to do. That's what I never could figure out about you, man. You showed everyone how to create a new head and then you wouldn't give them the new head. Why didn't you? I've wanted to ask you that for years."

"That was exactly the point," the Professor replies wearily. "I didn't want to impose my realities. The idea is that everybody takes responsibility for his nervous system, creates his own new reality. It's the end of the monotheism trip, remember. You can be anyone this time around. Anything else is brainwashing."

"That was your mistake," the voice says in a ghost-hollow whisper. "Nobody wants

responsibility. They want to be told what to do, what to believe, what's really true and really real."

"And you've got the answers for them?"

"It's all in the Bible, man. That's the one thing prison does for you. Gives you time to read the Bible. I figured it all out. Do you know why everything went wrong?"

The Bard remembers: He is the guest, the receiver of gifts^×little gifts, but all he could give, probably. Patiently, he asks, "Why?"

"It was the women. They got scared and forced all these laws and morals on the men. It's all in the Bible, man. What does the Bible say about women? That they're the cause of evil. Right? Don't you get the message? Read it while you're here. It's ruthless and stern. Evil has to be killed. Only a few are to be saved. I'm the only one who really takes the Bible seriously and that's why I'm here."

The Professor asks quietly, "How do you feel, Charlie?"

There is a pause and then the voice returns, less messiah, more convict.

"I feel bad, man." After the confession, a new rush of words: "I got the rawest deal in two thousand years. Sure I laugh at it most of the time. But the pigs got me good. I can't write letters. I can't get visits. They got me completely cut off. They really want to kill me. I can feel it. The murder in their hearts. My trial was a farce. It's stupid. I play out their script, act out their Bible, take the whole thing on myself^×all their feelings of evil and murder, all the sins of mankind, climb on the cross for them. And nobody un-



The Professor eats dinner on the floor. It is passed through a swine trough on a plastic tray and eaten with plastic spoons too fragile to be used as weapons. As he eats, he watches the

light from the hall throw a yellow puddle on the floor.

derstands. Nobody sees what I'm doing for them. Do you? Like do you understand about Sirhan Sirhan?"

The Psychologist answers carefully: "I recognize that this is a very Christian country and that every convict is forced to play Christ. But, to tell you the truth, I don't have much to do with that. I'm an Irish-Catholic pagan. Oldest god game going."

Manson should not be feared, lest he be made fearful. Leri's feelings toward his fellow prisoner were pitying and he certainly had no desire to wish the unfortunate fellow further harm.

Later on, in the yard of Folsom, he would fall into a conversation with Bob Hart, a wild, tough, wise veteran of the prison system.

"Why is Manson locked in segregation?" asked the Commodore.

"He'd get beat up if he came out on the yard," replied Hart.

"Because of his crime?"

"Naw. That's propaganda to please the squares. What you did on the street ain't important in here. Prisoners can't act as judges for

each other. We take a man as he comes. Manson's first problem in prison and on the street is his size. He's a runt, you know. Can't be over five-two.

"Now, if he was six-two and two hundred pounds, you better believe that he'd be walking around cheerful and confident, instead of sitting in lockup. Not that size is everything in prison. The Mexican Mafia is the most feared gang in the system, because it's organized and ruthless. Manson isn't accepted here because he's a head fucker^×coming on with all that Bible talk. That may scare the squares out there, but in here, it don't cut it. Manson's conned himself into believing his own Bible trip."

The Professor eats dinner on the floor. It is passed through a swine trough on a plastic tray and eaten with plastic spoons too fragile to be used as weapons. As he eats, he watches the light from the hall throw a yellow puddle on the floor.

Americans have eaten  $1.8 \times 10^{10}$  McDonald's hamburgers and elected Richard Nixon twice. We live at the bottom of a 40-mile gravity well. It has taken all four and a half billion years of terrestrial evolution to produce nervous systems capable of devising a technology with which to climb out of that well and launch migratory-colonization cylinders into space. There is no reason for us

"Read all the books you can get about the future. And leaving planet earth. And finding immortality. And contacting higher intelligence."

to ever climb back down into such a planetary hole again. Our evolutionary mission is to fly free through timespace. The original sin of "Genesis" is gravity: the fall.

The trusty is back. "Doc?"

"Yes?"

"What are the most important books in the world?"

"That depends. What do you want to learn?"

"About life. About metaphysics. About the higher life."

The Professor's tone is dry, pedantic. "Metaphysics means beyond physics. Do you know a lot about physics?"

"No. I'm not interested in science. I want to know about spiritual things."

"Well, you can't go beyond physics until you understand the basic principles of physics. Do you know what Einstein did?"

"He made the bomb."

"He showed mathematically that all matter is energy at different rates of speed. Think about that for a minute."

"It's far-out, yeah. But I want to know about God. Do you believe in astrology? Do you believe in the tarot? Charlie keeps telling me to read the Bible. My cellmate has the I Ching. It's heavy, man; 740 pages. Should I read the Bible or the / Ching first?"

"Don't bother with either of them. They're thousands

of years out of date."

"Well, what should I read?"

Long pause. Sirag, Wheeler and Sarfatti on new quantum theories? Paul on non-histone proteins? Ettinger and Harrington on longevity? O'Neill on extraterrestrial migration? Sagan on contacting advanced civilizations in space?

"Read science fiction."

"What? That's not spiritual."

"Yes, it is. Read all the books you can get about the future. And leaving planet earth. And finding immortality. And contacting higher intelligence."

After the trusty leaves, the Bard's eyes tire rapidly and he abandons, for the night, Bulgakov's satire on a robot society where the free mind is chained, caged, confined. Sleep comes quickly.

BUGLIOSI: Directing your attention to verse 15, which reads: "And the four angels were loosed, which were prepared for an hour, and a day, and a month, and a year, for to slay the third part of men." Did he (Manson) say what that meant?

"Death is obsolete, or will be soon. They laid that trip on you, Charles, and you bought it. I'm really sorry because that moment is just the suspension of biochemical imprints in the nervous system.

WATKINS: He said that those were the people who would die in Helter Skelter...one

third of mankind...the white race.

After breakfast, Charlie's voice is there again.

"Hey, I want to ask you a question. Are you there? Are you listening?"

"Yes, I'm listening."

"When you take acid. And the world and your body dissolve into nothing but vibrations. And space becomes time and there's nothing but pure energy, nothing to hang onto. You know what I'm talking about?"

"Yes."

"Well, that's the moment of truth, right? But what is it? What do you call it?"

The ultimate Cosmological question posed. A silence ensues in the cell block of the maximum-security prison, broken only by the humming of a generator, the clunk of toilet valves, the sound of rushing water, a distant rattling of metal keys.

"Charles?"

"Yeah?"

"What do you find at that moment?"

"Nothing. Like what death must be. Right? Isn't that what you find?"

"Death is obsolete, or will be soon. They laid that trip on you, Charles, and you bought it. I'm really sorry because that moment is just the suspension of biochemical imprints in the nervous system. You can take off from there and go anywhere you want. You should have looked for the energy fusion that's

called love."

Later, from the perspective of post-terrestrial migration, Leri would send back the message to Manson and his followers: S.M.I.L.E., or, in larval language, Space Migration, Intelligence Increase, Life Extension. "They need something to S.M.I.L.E. about," the Commodore would say.

Footsteps and jaunty whistling in the hallway. The young blond trusty leans in. "Hey^xhome! You're getting moved. Just heard the bulls talking. You're going up to the third level." "What does that mean?"

"it's good. You're going up. You're getting out of the hole in the hole." The Philosopher folds the tobacco, sugar, coffee, honey and the four books in

The Philosopher throws the mattress on his shoulder and, surrounded by the three clubs, walks back down the tier past the hard-core cells. Charles Manson, sitting in the lotus position, smiles and waves.

blankets, throws the mattress onto his shoulder and, surrounded by the three clubs, leaves the strip cell, walks back down the tier past the hard-core cells. Charlie Manson, sitting in the lotus position, smiles and waves.

The power of terrorists to frighten the middle class was dramatized to Leri in a later conversation with a young and inexperienced guard. A group of convicts was in the prison dayroom watching the documentary film Manson,

produced by Robert Hendrickson. It contains a scene in which Brenda, flanked by other Manson girls, idly toys with a rifle, looks directly into the camera and quietly says "We are what you have made us. We were brought up watching Gunsmoke, Have Gun, Will Travel, FBI, Combat<sup>^</sup>×Combatv/as my favorite show. I never missed Combat."

At this point, the young guard rushed in the dayroom in an agitated state.

"Who was saying that?" he demanded.

"A girl from the Manson family."

"That's the scariest thing I ever heard in my life."

"Yeah, the continual violence on TV is alarming," agreed the Commodore. "The daily body count on this TV set alone runs into the hundreds."

"No, I don't mean that," said the guard. "I mean Manson and those girls, threatening us that way. I want to run home and put double locks on my doors."

"But that girl says that they are just acting out the popular TV scripts and the Bible's instructions to get rid of sinners."

"Well, I'm glad I got a couple of rifles and a bunch of pistols in my house."

"And the TV antenna on your roof to receive the programs that tell you what to be afraid of."

"That stuff is weird," said the bewildered bi-ped.

Leri nodded in agreement.

## A Minor Intelligence Affair

March 1976

San Diego Federal Prison

Commodore Timothy Leri, agent from Central Intelligence assigned on special mutational duty to Planet Earth, walked into the office of the Senate Committee on Subversive Activities and nodded cheerfully to Klute, the Chief Investigator, a burly bi-ped earthling with the tweed-demeanor of a College Dean.

Klute rose and approached Leri with a happy smile. The two embraced and shook hands ^× chuckling and reciting the standard affectionate welcome noises exchanged by terrestrials who trust each other.

The Chief Investigator introduced his three deputies, alert looking primates who greeted the Commodore with respectful smiles. Shoulder holsters. C.I.A. or F.B.I.?, thought Leri. The vibes are good.

"Coffee, Commodore? Let's see, you take everything, as I recall," said Klute.

The door opened silently and an attractive black female earthling entered the room carrying a tray with steaming cups and a plate of doughnuts.

Leri and two of the deputies lit nicotine cigarettes.

Klute cleared his throat.

The tape is running, thought Leri. That's good. The Director and the Senators will get it direct.

"We wonder if you would be willing to answer some



questions which the committee is really concerned about."

"With pleasure. That's my job," replied the Commodore, who, after all these years, had finally mastered the social habits of the domesticated primates.

The Chief Investigator introduced his three deputies, alert looking primates who greeted the Commodore with respectful smiles. 'Shoulder holsters. C.I.A. or F.B.I.?', thought Leri. 'The vibes are good.'

"We still don't understand what happened in the late 60's and 70's," said Klute, stuffing tobacco into his pipe, frowning with his serious young man look. "This militant revolutionary stuff. What caused upper-middle class kids, affluent and well educated to embrace political violence? The Weather Underground. The S.L.A. Why?"

Here we go again, thought the Commodore. They just won't quit. "Of course you want to show foreign influence," said Leri. "Moscow, Peiping, Hanoi and Havana must be to blame for these alien influences, correct?"

The four agents exchanged uneasy glances. Everyone suddenly lifted coffee cups. Cigarette smoke filled the room. Everyone shifted position.

"That's what we're told," replied the Chief Investigator, choosing his words carefully. "What other explanation is there for this sudden explosion of revolutionary aggression? European Marxists don't act so violently. So we need your help. You've travelled the third world. You've lived with these

people. What countries? What foreign agents? What contacts?"

"My role in these matters is not blind transmission of information," said the Commodore stiffly. Why are they interested in foreign influence now? Why now? That stuff won't get appropriations anymore. 'Present me with a problem that requires intelligent synthesis of historical facts and I'll solve it for you. I'm really more interested in the history of your species than you, as you are well aware. I'm always fascinated by what your people define as a problem."

"I know," said Klute somberly but smiling. "Our questions are your data. So here's your question. Was there any tie between the Weathermen and Communist countries while you were in Algeria?"

The Commodore leaned back in his chair and laughed. This is going to be amusing.

"First let me retrieve the factoid memories." He closed his eyes during the neural scan. "Okay. Delegations of American leftists did visit China, North Korea, North Vietnam. Think of them as naive pilgrims to the shrines of their gullibility. Spiritual tourists. Like Catholics from South Boston visiting Lourdes. Plus, of course, your planted agents who heavily infiltrated the delegations. In Algeria all visiting leftists made obligatory visits to the North Vietnamese embassy and were given those horrid/heavy steel rings with the inscription FLN-SVN...the rings made from metal salvaged from downed American planes."

The agents' eyes flicked at each other. Ah, thought Leri, that was the plus-fact they needed to show my cooperation. Now they'll probe with an obvious minus-fact.

Why are they interested in foreign influence now? Why now?

That stuff won't get appropriations anymore.

"What about Bernadine Dohrn's secret visits to Algeria?" from Klute stuffing his pipe.

"It was so secret that I never heard of it. There were, however, certain other Americans secretly negotiating to end the war on terms totally favorable to the enemy. Do you want their names?"

The four agents leaned forward in unison. "We sure do."

"Kissinger and Nixon," replied the Commodore. "Do you really think that Hanoi was interested in directing sporadic Weather bombings of R.O.T.C. buildings at the same time they were winning their poker game with Kissinger? If I had wanted to escalate the Vietnam war I would have infiltrated Weather and provoked them to senseless militancy. Neither Hanoi or the American left understood the groundswell cultural revolution that ended the war and threw Johnson and Nixon out of office. Nor, apparently do your people."

"Tell us what we don't understand," replied Klute dryly.

"With pleasure. Please tell the Senators and the Director that they are continuing to repeat the same mistake that Hoover, Johnson and Nixon made. You can blame domestic unrest on outside agitators and Moscow gold ^x in order to get your Congressional appropriations. But the mistake is to believe your own lying. You recall

that Johnson fell because he clung to the belief that opposition to his war must be based on foreign agents. And then Nixon fell for the same propaganda. The Watergate burglars were hoping to find evidence of Castro payments to Larry O'Brien. If they had found checks from Fidel in the Democratic Headquarters the burglars would have been heroes and Watergate a glorious patriotic success. Right?"

The four agents sat hunched in the standard pose of cops being scolded by a superior. It was Klute who broke the silence. "You still haven't answered our question. Who turned the middle class kids onto violence?"

"I can tell you who. And how your guys set it up."

The Chief Investigator and the three deputies leaned forward, pens poised over yellow legal note pads.

"Who did it?" whispered Klute.

"Your own lower class steeped in violence and hip to the ghetto-fact that middle-class security is based on the violence of their protectors^xthe police and the military. The kids off the block, the ex-cons, black and white, to whom the gun and the fist have always been the basic equalizers. The well ordered society maintains educational

'It's good that we can talk this openly,' thought Leri. 'That means that the young guys control the tapes made in this office.'

control over its young by keeping the children of the managers away from the unsettling raw facts of power politics. Your guys made a

great blunder by throwing middle-class kids in prisons for victimless, cultural crimes like draft resistance and dope. Prisons, as you well know, are schools for violence where you teach lower class kids how to play their roles as criminals. Middle class kids are supposed to read about social problems in college text books. They aren't supposed to be exposed to the true facts about the crime industry."

The Chief Investigator wrote rapidly with a black felt pen. The three deputies sat in cautious silence.

"What about the Marxist rhetoric and the Castro revolutionary slogans?" said Klute wearily.

"Your college kids read Fanon and Che and Marighella on urban guerilla tactics. They drooled over that stupid movie Battle of Algiers. All this was standard parlor intellectual stuff until Johnson and Nixon made the tactical mistake. Was it a mistake? Or was it a deliberate tactic?"

"What mistake?"

"Throwing the verbally aggressive college kids into close contact with lower class muscular violence. The bourgeois kids taught the ghetto kids the rhetoric. Suddenly every rapist and armed robber became a political prisoner. And the college kids learned the emotional power of the gun and the fist to create fear and respect."

"Why do you ask if this was a tactic?" asked Klute.

He's good, thought the Commodore. He knows all this. He's just getting me to say what he wants said. His faction in the bureau is using

me as conceptual hit-man to roll the heads of the old guard. The Commodore had long ago learned that the worst enemy of any police-bureaucrat was the faction in his own department that wanted his power. And that criminals and crime waves were created by competing factions among power-holders.

"Well, Nixon and Reagan rode into power on the wave of fear generated by the student uprisings. I'm glad to help clarify this issue. But I sure hope you know what you're doing."

"What do you mean?" asked Klute, smiling. In relief?

"We all know that there are powerful people in the government who don't want these things said. They're going down, sure, but they aren't going down meekly. And there are, I suspect, lots of indictable records stuck away in the files that haven't been shredded. Can you protect me if I front for you?" The four agents looked at each other and began to laugh. "Yes," said Klute. "You're

"Who turned the middle class kids onto violence?"  
"I can tell you who. And how your guys set it up."

safe. As safe as we are."

The four agents laughed again. "We've gone so far out on a limb to rescue you that you can advocate anything except high-jacking and we'll protect you. The facts of the matter are that if you go down, we'll go down with you."

"That's what Cleaver said in Algeria," replied the Commodore soberly. "I told him, as I now tell you, that I'm more interested in us all going up." It's good that we can talk

this openly, thought Leri. That means that the young guys control the tapes made in this office.

"We agree," said Klute rising from his chair. "And right now let's all go to lunch."

At the restaurant the agents seemed relaxed and cheerful. I must have given them what they wanted, thought Leri. He turned his head and smiled into the eyes of Klute.

"You guys aren't still chasing dissidents are you?"

Klute looked at his colleagues and they all laughed.

"Shall we brief the Commodore?" said Klute.

The agents nodded, smiling grimly.

"No we aren't chasing leftists. In the first place, we've so infiltrated every left group that the Berkeley Barb, Rolling Stone and the New Republic would fold in a day if we pulled out our people.

"Since McCord and Judge Sirica started this Watergate business no police agency in Washington will touch a left-wing case. Don't you hear what is obsessing every federal agency these days?"

"The return of the avenging Democrats."

The four agents glanced at each other and nodded.

"You realize who the worst enemy of the Director of any agency is?" demanded Klute.

"The rival political faction in his own agency," replied Leri promptly.

"For sure. Now tell me who is the worst enemy, the dangerous security threat to the head of the F.B.I, office in Topeka, Kansas."

"The head of the F.B.I, office in Kansas City." replied Leri.

"Exactly," said Klute. "And who are the other threats to the chief in Topeka?"

"The local sheriff, the local police chief, the local narcotics agency."

"Affirmative. And are the local Mafia and the local Black Panthers and the local Communists threats to the F.B.I, chief?"

"No, they are pawns to be used or avoided according to bureaucratic developments."

"Affirmative," said Klute. "Now tell me, as the Watergate scandal develops what is

'He's good,' thought the Commodore. 'He knows all this. He's just getting me to say what he wants said. His faction in the bureau is using me as conceptual hit-man to roll the heads of the old guard.'

every Federal Agency Director doing?"

"Covering tracks, covering up illegal or partisan political acts, shredding memos in anticipation of November 1976 when rival factions in each agency move in to expose what's been going on since 1968."

"Right. So you can be certain of one thing," said Klute. "The central concern of every Federal Law Enforcement bureaucrat these days is to



avoid prosecution in 1977. You, of all people, should know how many "dirty tricks" and political crimes were committed by Nixon."

"And by Johnson," agreed the Commodore.

"And by the Kennedys," added Klute. "Take your kidnapping in Afghanistan by American agents. The officials who stole your passport and had you shipped back under armed guard are, right now, wondering if they'll face a forcible abduction charge when a liberal, pro-marijuana president gets elected in 1976."

"About the Kennedys," said the Commodore, "I figure their crimes and dirty tricks haven't surfaced because they weren't as pious and hypocritical as Nixon."

"They never hid their criminal past," murmured Klute, "people respected that instinctively."

"And they're dead," added Leri.

"Some people still wonder who killed them," mused the Inspector.

"Do you know?" exclaimed the short deputy Inspector.

"Sure I know," said Klute breezily. "And the Commodore knows too."  
Leri nodded smiling.

"Who killed the Kennedys?" asked the Deputy Inspector.

"They were killed by their own device," said Leri.

"The Kennedys," Klute added quickly, "were killed by the crashing of the complicated structure they temporarily destroyed, the

ricochets of the bullets they fired."

"What structure?" asked the Deputy Sheriff.

"The code of honor among the thieves and assassins who run almost every government in the world."

"That's right," added Leri. "Among every Mafia group there's a code of self-protective ethics. Generals wine and dine captured generals for obvious selfish reasons. And Sicilians may kill rivals but they never touch each other's families. The IRA bombs Protestant kids but don't torture. The Arab Mafia and the Jewish Mafia each have their own codes."

"What does this have to do with the Kennedys?" asked the Deputy.

"The Kennedys," Klute added quickly, "were killed by the crashing of complicated structure they temporarily destroyed, the ricochets of the bullets they fired."

"The Kennedys broke the rule that governs the game of government leaders," said Klute.

"And it was so karmically reckless," said Leri, "that business about the three brothers was so obvious."

"Three brothers?"

"Don't you remember. At one time there were two sets of brothers who ran the two countries which pre-occupied the gang warfare plans of the Kennedys."

"Fidel and Raoul Castro, and..?"

"The Diem brothers in Vietnam. You remember what happened."

The deputy whistled softly. "Jack and Bobby sponsored all those plots to kill Fidel."

"And they set up the Big Minh coup that assassinated the Diems." said Klute. "It was barbarian Borgia duplicity imposed by the two Big Brothers on a world that had been mildly civilized since Hitler and Stalin. Even kooky Stalin was canny enough not to sponsor assassination plots."

"Because," said the Commodore, "once a Mafia moral taboo is broken, every one gets into the act."

"And no capo is safe."

"I see now," said the deputy, "why no one is eager to uncover the Kennedy scandal. Too many agencies involved in the assassination plots. Will any of this ever come out?"

"That's the point of your visit, isn't it?" asked Leri. "It's all going to come down after the 1976 elections. (Lots of blood on honest cops' hands and lots of burglar tools in honest cops' pockets.)"

"And all in the name of national security."

"So the question of foreign support of domestic dissents could save some high level heads?" said Leri. "By the way, when, if ever, will I know the results of this meeting?"

Klute shrugged his shoulders and made his little-boy gesture of contrived ignorance.

"Who knows? These matters have a way of getting leaked

to the press at the right time.

You should know that, Commodore."

"Yes, I'm aware of how images are made and changed by press leaks," said Commodore Leri. "I wish you guys luck. I hope you know what you're doing."

"We'll all find out soon enough," replied Klute.

Two months later, the Commodore received in the mail an unmarked envelope which contained the xerox copy of an article in the New York Times:

### A Minor Intelligence Affair

"But one source familiar with the prosecutors' thinking said today that reliable information from high sources assured the Security Committee that the Weather Underground had no foreign connections."

### NO FOREIGN LINKS TO FUGITIVES SEEN U.S. Prosecutors Discount Alien Threats in Targets of Federal Agency Burglaries.

Washington Aug. 22<sup>^</sup>×

Justice department prosecutors have seen no evidence that the Senate Security Agency's search for fugitive members of the Weather Underground organization was motivated by the group's purported links to hostile foreign governments, sources close to the department's investigation said today.

The issue of whether the fugitive group had been directed or

supported by foreigners has been raised by Murray Steinmetz, an attorney for some 20 Senate Security agents who have become subjects of a Justice Department investigation into burglaries they carried out against friends and relatives of the fugitives over the last five years.

Mr. Steinmetz asserted last week that such connections had existed between the Weather fugitives and "foreign hostile governments" and other Washington sources have said that the Senate Committee is attempting to marshal evidence of those links as a prelude to demonstrating that the break-ins were legal.

But one source familiar with the prosecutor's thinking said today that none of the Security Committee documents requesting or granting permission for the burglaries had suggested or even alluded to such foreign connections to the Weather Underground as rationale for their commission.

The Washington Post reported today that the Senate Committee on Security was preparing a 500-page report showing that some of the Weather fugitives received financial support from the Vietnamese and Cuban governments. The newspaper quoted a "high justice department source" who cited concern that such evidence could weaken the department's criminal case against the agents.

Two sources close to the prosecutors dismissed the suggestion that there was such a concern. "It's too late," one said, "The dam has burst." And another noted that several past and present federal agents had already accepted immunity from prosecution in return for their testimony about the burglaries.

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Neuropolitics

>From Inner Space to Outer Space

Co-Author

February 1974

Robert Anton Wilson

Vacaville

Prison

The infamous Drug Revolution of the 1960s has inspired more nonsense, on both sides, than any event of our time.

It was not a sudden mutation from a society without drug use to a society with massive drug use. Far from it: America, before the 1960s, was a heavy, hard drug culture already, but the drugs widely used were not defined as drugs. They were "medicines" (aspirin, barbiturates, tranks, amphetamine "diet-pills," etc.) or "Relax-ants" (tobacco, alcohol, caffeine).

The accompanying chart, from Sex and Drugs by Robert Anton Wilson, gives the actual figures on drug use in the U.S.A. at

the end of the 1960s, when the "Drug Revolution" was completing its first decade. It will easily be seen that, even at that late date, the most popular drugs in the country were not those usually

>From Inner Space to Outer Space

"...we began to speak of the experimental subject as a neuro-logical cosmonaut tripping through inner space, the session being programmed by a 'trip-guide' who acted as Ground Control."

associated with the "Drug Revolution" but those which had been around for generations.

The acceptable tobacco, booze and pills were still the majority drugs; the forbidden weed, psychedelics and junk were still by comparison minority preferences. The acceptable drugs, the prescription drugs and (among the forbidden drugs) junk had not increased markedly in use. What had increased was the usage of turn-on drugs.

The much-exaggerated chemical metamorphosis of our time has not been from no drugs to drugs, but from one kind of drugs to another.

To understand this is to begin to understand what has been happening. The change, we will show, has been from terrestrial drugs to post-terrestrial drugs. From down drugs to up drugs. From the earthy to the spacey, from gravity to levity, from low times to High Times.

These metaphors are not as extravagant as they seem. They are part of a new and meaningful slang that is heard everywhere from academia to the ghetto. For instance, the astronaut metaphor began in the Harvard

psychedelic research project of 1960-62, when we began to speak of the experimental subject as a neurological cosmonaut tripping through inner space, the session being programmed by a "trip-guide" who acted as Ground Control. This buried imagery is still subliminally carried by the words trip, tripping, tripper, now in international use.

To understand neurological space, assume that the nervous system consists of eight potential circuits, or "gears", or mini-brains. Four of these brains (including the left lobe) are concerned with our terrestrial survival; four are post-terrestrial, reside in the "silent" right lobe, and are for use in our future evolution. The right lobe usually inactive at early stages of our development, becomes active when the person ingests psychedelics.

We will explain each of the 8 "brains" briefly.

I. The bio-survival circuit. This marine or vegetative brain was the first to evolve (billion years ago) and is the first activated at birth. It programs perception onto an either-or grid divided into nurturing-helpful Things (which it approaches) and noxious-dangerous Things (which it flees, or attacks.) The imprinting of this circuit sets up the basic attitude of trust or suspicion which will last for life. It also identifies the external stimuli which will ever after trigger approach or avoidance.

II. The emotional circuit. This second, more advanced bio-computer emerged when vertebrates appeared and began to compete for territory (perhaps 500,000,000 B.C.). In the individual, it is activated when the DNA mastertape triggers the metamorphosis from crawling to walking. As every parent knows, the



toddler is no longer a passive  
(bio-vegetative) infant but a mammalian politician,  
full of physical (and emotional)

The imprinting of the first three circuits determines  
by age  
3.5 the basic degree and style of trust/distrust,  
assertiveness/  
submission and cleverness/clumsiness; with which the  
mind  
will handle tools or ideas.

territorial demands, quick to meddle in family  
business and decision-making. Again  
the first imprint on this circuit remains constant for  
life (unless brain-washed) and  
identifies the stimuli which automatically trigger  
dominant, aggressive behavior or  
submissive, cooperative behavior. When we say that a  
person is behaving emotionally,  
egotistically or "like a two-year-old," we mean that  
SHe is blindly following one of the  
robot imprints on this circuit.

III. The dexterity-symbolism circuit. This third  
brain emerged when hominid types  
began to differentiate from other primate stock (circa  
4-5 million B.C.) and is activated  
when the older child begins handling artifacts and  
sending/receiving laryngeal signals  
(human speech units). If the environment is  
stimulating to the third circuit, the child  
takes a "bright" imprint and becomes dextrous and  
articulate; if the environment is  
made of deliberately stupid people, the child takes a  
"dumb" imprint, i.e. remains more  
or less at a 5-year-old stage of symbol-blindness.

In popular speech, the first brain is generally called  
"consciousness" per se: the  
sense of being biologically alive, in this body,  
oriented to the survival of the body.  
(When you are "un-conscious," the first circuit is

anesthetized and doctors may perform surgery on you or enemies may attack you, and you will not evade them or flee.)

The second circuit, in the same vernacular language, is called "ego." So-called "ego" is the second circuit mammalian sense of status (importance-unimportance) in the pack or tribe. The third circuit is what we generally call "mind" ^× the capacity to receive, integrate and transmit signals produced by the hominid hand (artifacts) or the hominid laryngeal muscles (speech).

The imprinting of these three circuits determines, by about age 3.5, the basic degree and style of trust/distrust that will color "consciousness," the degree and style of assertiveness/submissiveness that will determine "ego"-status, and the degree and style of cleverness/clumsiness with which "mind" will handle tools or ideas.

In evolutionary terms, first brain "consciousness" is basically invertebrate, passively floating toward nurture and retreating from danger. Second brain "ego" is mammalian, always struggling for status in the tribal pecking-order. Third brain "mind" is hominid, hooked into human culture and dealing with life through a matrix of human-made gadgets and human-created symbolism.

The fourth brain is post-hominid, specifically characteristic of Homo Sapiens, the "domesticated" WoMan. This is:

IV. The socio-sexual circuit. This fourth brain was formed when hominid packs evolved into societies and programmed specific sex-roles for their members, circa 30,000 B.C. In the individual it is activated at puberty, when the DNA signals trigger the

The first four circuits are called 'terrestrial' because they have evolved in and have been shaped by the gravitational, climatic and energy conditions determining survival on this sort of planet.

glandular release of sexual neurochemicals and the metamorphosis to adulthood begins. The first orgasms or mating experiences imprint a characteristic sex-role which, again, is bio-chemically bonded and remains constant for life, unless some form of brain-washing or chemical re-imprinting is accomplished.

In daily speech, fourth circuit imprints and programs are known as the "adult personality," the domesticated sexual impersonation.

Masters and Johnson have demonstrated that specific sexual "dysfunctions" <sup>^x</sup> so-called "perversions," "fetishes," low-or-no performance conditions like premature ejaculation, impotence, frigidity, etc., or eccentric imprints defined as "sinful" by the local tribe <sup>^x</sup> are determined by specific experiences in early adolescent mating. The same is true of the equally robotic behavior of the "normal," "well-adjusted" person. The sex-role (or, as it might more appropriately be called, the sexual impersonation style) of the human is as rote and repetitious as that of any other mammal (or bird or fish or insect.)

These four circuits are normally the only networks of the brain activated. It should now be clear why we call them terrestrial. They have evolved on, and have been shaped by, the gravitational, climatic and energy conditions determining survival and

reproduction on this kind of planet circling this variety of Type G star. Intelligent organisms evolving in space, not living at the bottom of a 4000-mile gravity well, not competing for territory on a finite planet-surface, not limited by the forward-back, up-down, right-left parameters of earthy life, would inevitably develop different circuits, imprinted differently, not so inflexibly Euclidean.

Forward-back is the basic binary choice programmed by the bio-computer operating on Circuit I: Either advance, go forward, sniff it, touch it, taste it, bite it ^x or retreat, back away, flee, escape.

Up-down, the basic gravitational sense, appears in all ethological reports of animal combat. Rear up, swell the body to maximum size, growl, howl, shriek ^x or cringe, drop the tail between the legs, murmur softly, skulk away, crawl and shrink the body size. These are domination and submission signals common to iguana, dog, bird, and the Chairman of the Board of the local bank. These reflexes make up Circuit II "ego."

Right-left is basic to the polarity of body-design on the planetface. Right-hand dominance, and associated preference for the linear left-lobe functions of the brain, determine our normal modes of artifact-manufacture and conceptual thought, i.e. third circuit "mind." Assymetry is the key to improved brain function.

It is no accident, then, that our logic (and our computer-design) follows the either/or, binary structure of these circuits. Nor is it an accident that our geometry, until the last

Neuropolitics

To activate the first brain take an opiate. To activate the second brain take alcohol. To activate the third brain take an energizer.

century, has been Euclidean. Euclid's geometry, Aristotle's logic and Newton's physics are meta-programs synthesizing and generalizing first brain forward-back, second brain up-down and third brain right-left programs.

The fourth brain, dealing with the transmission of tribal or ethnic culture across generations, introduces the fourth dimension, time<sup>^</sup>xbinding culture.

Since each of these circuits consists of bio-chemical imprints or matrices in the nervous system, each of them is specifically triggered by neuro-transmitters, i.e. drugs.

To activate\* the first brain take an opiate. Mother Opium and Sister Morphine bring you down to cellular intelligence, bio-survival passivity, the floating consciousness of the newborn. (This is why Freudians identify opiate addiction with the desire to return to infancy.)

To activate the second brain, take an abundant quantity of alcohol. Vertebrate territorial patterns and mammalian emotional politics immediately appear when the booze flows, as Thomas Nashe intuitively realized when he characterized the various alcohol states by animal labels: "ass drunk," "goat drunk," "swine drunk," "bear drunk," etc.

To activate the third brain, try coffee or tea, a high

protein diet, speed or cocaine.

The specific neurotransmitter for circuit four has not been synthesized yet, but it is generated by the glands after pubescence and flows volcanically through the blood-streams of adolescents.

None of these terrestrial drugs changes basic bio-chemical imprints. The behaviors which they trigger are those which were wired into the nervous system during the first stages of imprint vulnerability. The Circuit II drunk exhibits the emotional games or cons learned from parents in infancy. The Circuit III "mind" never gets beyond the permutations and combinations of those artifacts and symbols originally imprinted, or abstractions associated with the imprints through later conditioning. And so forth.

But all this Pavlovian-Skinnerian robotism changes drastically and dramatically when we turn to the right-lobe, the future circuits and extra-terrestrial chemicals.

The four evolving future "brains" are:

V. The neurosomatic circuit. When this fifth "body-brain" is activated, flat Euclidean figure-ground configurations explode multi-dimensionally. Gestalts shift, in McLuhan's terms, from linear visual space to all-encompassing sensory space. A hedonic turn-on

'Most probably, this 'activation' results from a general suppression of higher neural circuits which leaves the brain dominant.

Space Migration Intelligence Increase Life Extension

87

About 20,000 years ago, the specific fifth brain

neurotransmitter was discovered by shamans in Asia and quickly spread throughout Europe and Asia. It is, of course, cannabis.

occurs, a rapturous amusement, a detachment from the previously compulsive mechanism of the first four circuits.

This fifth brain began to appear about 4000 years ago in the first leisure class civilizations and has been increasing statistically in recent centuries (even before the Drug Revolution), a fact demonstrated by the hedonic art of India, China, Rome and other affluent societies. More recently, Ornstein and his school have demonstrated with electro-encephalograms that this circuit represents the first jump from the linear left-lobe of the brain to the analogical right-lobe.

The opening and imprinting of this circuit has been the preoccupation of "technicians of the occult" ^x tantric shamans and hatha yogis. While the fifth circuit imprint can be achieved by sensory deprivation, social isolation, physiological stress or severe shock (ceremonial terror tactics, as practiced by such rascal-gurus as Don Juan, Matus or Aleister Crowley), it has traditionally been reserved to the educated aristocracy of leisure societies who have solved the four terrestrial survival problems.

About 4,000 years ago, the specific fifth brain neurotransmitter was discovered by shamans in the Caspian Sea area of Asia and quickly spread to other wizards throughout Eurasia and Africa. It is, of course, cannabis. Weed. Mary Jane.

It is no accident that the pot-head generally refers

to his neural state as "high" or "spaced-out." The transcendence of gravitational, digital, linear, either-or, Aristotelian, Newtonian, Euclidean, planetary orientations (Circuits I-IV) is, in evolutionary perspective, part of our neurological preparation for the inevitable migration off the home planet, now beginning. This is why so many pot-heads are Star Trek freaks and Sci-Fi adepts. (Berkeley, California, certainly the Cannabis Capital of the U.S., has a Federation Trading Post on Telegraph Avenue, where the well-heeled can easily spend \$500 or more in a single day, buying Star Trek novels, magazines, newsletters, bumper stickers, photographs, posters, tapes, etc., including even complete blueprints for the Starship Enterprise.) Hedonic Consumerism.

The extra-terrestrial meaning of being "high" is confirmed by astronauts themselves. Most of those who have entered the free-fall of zero gravity describe "mystic experiences" or rapture states typical of the neurosomatic circuit. "No photo can show how beautiful Earth looked," raves Captain Ed Mitchell, describing his Illumination in free-fall. He sounds like any successful yogi or pot-head. No camera can show this experience because it is inside the nervous system.

(Captain Mitchell has left Aero Space to found The Institute of Noetic Sciences, concerned with scientific research into right-lobe functions. Buzz Aldrin has joined him.)

Strong psychedelics like mescaline, LSD and psilocybin open the nervous system to Circuit VI Brain Change signals.

Free fall, at the proper evolutionary time, triggers the neurosomatic mutation,



which has previously been achieved "artificially" by yogic or shamanic training or by the fifth circuit stimulant, cannabis. Surfing, skiing, skin-diving and the new sexual culture (sensuous massage, vibrators, imported Tantric arts, etc.) have evolved at the same time as part of the hedonic conquest of gravity. The Turn On state is always described as "floating," or, in the Zen metaphor, "one foot above the ground."

VI. The neuroelectric circuit. The sixth brain consists of the nervous system becoming aware of itself apart from imprinted gravitational reality-maps (circuits I-IV) and even apart from body rapture (circuit V). Count Korzybski, the semanticist, called this state "consciousness of abstracting." Dr. John Lilly calls it "meta-programming," i.e. awareness of programming one's programming. This Einsteinian, relativistic contelligence (conscious-intelligence) recognizes, for instance, that the Euclidean, Newtonian and Aristotelian reality-maps are just three among billions of possible programs or models for experience.

This level of brain-functioning seems to have been reported first around 500 B.C. among various "occult" groups connected by the Silk Route (China-North India.) It is so far beyond the terrestrial circuits that those who have achieved it can barely communicate about it to ordinary humanity (circuits I-IV) and can hardly be understood even by fifth circuit Rapture Engineers.

The characteristics of the neuroelectric circuit are high velocity, multiple choice, relativity, and the fission-fusion of all perceptions into parallel Sci-Fi universes of alternate possibilities.

The mammalian politics which monitor power struggles among terrestrial humanity are here transcended, i.e. seen as static, artificial, an elaborate charade. One is neither coercively manipulated into another's territorial reality nor forced to struggle against it with reciprocal emotional game-playing (the usual soap-opera dramatics.) One simply elects, consciously, whether or not to share the other's reality-model.

Tactics for opening and imprinting the sixth circuit are described and rarely experienced in advanced rajah yoga, and in the hermetic (coded) manuals of the medieval-Renaissance alchemists and Illuminati.

No specific sixth circuit chemical is yet available, but strong psychedelics like mescaline (from the "sacred cactus," peyote), psilocybin (from the Mexican "magic mushroom," teonactl and LSD open the nervous system to a mixed-media series of Circuit V and Circuit VI channels. This is appropriately called "tripping," as distinguished from straightforward fifth circuit "turning on" or "getting high."

It is charmingly obvious, once we realize that the spaced-out neural experiences really are extra-terrestrial, that getting high and spacing out are accurate metaphors.

The opening of the sixth circuit is so alarming to terrestrial circuit I-IV expectations that it has been traditionally described in paradoxical, almost nonsensical metaphors. The Not-Self. The No-Mind. The White Light of the Void.

This semantic surrealism is no longer necessary. The

Einstein revolution in physics, the post-Weiner breakthroughs in cybernetics and neurology, the synergetic language of Buckminster Fuller, the Neurologic of Lilly and Leary, allow us to describe sixth circuit functioning in operational and functional terms as the nervous system metaprogramming the nervous system or serially re-imprinting itself.

The suppression of scientific research in this area has had the inevitable result of turning the outlaw drug culture back toward fifth circuit hedonics and pre-scientific models of right-lobe experience. (The occult revival.) Without scientific discipline and methodology, few can successfully decode the often-frightening (but philosophically crucial) sixth circuit metaprogramming signals. Those scientists who continue to study this subject dare not publish their results (which are illegal). They record their findings only in secret notebooks <sup>^x</sup> like the scholars of the Inquisitorial era. (Voltaire announced the Age of Reason two centuries too soon. We are still in the Dark Ages.) Most underground alchemists have given up on such challenging and risky self-work and restrict their trips to body-hedonics, i.e. fifth circuit cannabis raptures.

The evolutionary function of the sixth circuit is to enable us to communicate in Einsteinian relativities and neuroelectric accelerations, not using third circuit laryngeal-manual symbols but directly via feedback, telepathy and computer link-up. Neuroelectric signals will increasingly replace "speech" (hominid grunts) after space migration.

When humans have climbed out of the atmosphere-gravity well of planetary life, ac-

celerated 6th Circuit contelligence will make possible high-energy communication with "Higher Intelligences," i.e. ourselves-in-the-future and other post-terrestrial races.

Think of it like this: the higher right-lobe circuits (V-VIII) raise to higher consciousness and other time-dimensions the corresponding, more primitive left-lobe circuits (I-IV). Thus, Circuit V centers on the same body-centered sensory-somatic loops as Circuit I; but Circuit V is time-expanded, "laid-back," funny, hedonic, conscious, where Circuit I, bonded to survival, is instantaneous, reflexive, blind, robotic. Similarly, Circuits II and VI both deal with "politics." Circuit II, however, only allows us to bargain or bluster for freedom-or-submission with those on the same evolutionary level (our own species) or downward to species below us but using the same proxemic-kinesic body-

Circuit VII is best considered, in terms of 1976 science, as the genetic blue-print archives activated by anti-histone proteins. The DNA memory bank coiling back to the beginning of life.

language (dogs, cats, etc). Circuit VI allows us to engage in reality-brokering with species above us in evolution, i.e., the more advanced intelligences of the galaxy.

It is charmingly obvious, once we realize that spaced-out neural experiences really are post-terrestrial, that getting high and spacing out are accurate metaphors. Circuit V neurosomatic rapture is preparation for the next step in our evolution, migration off the planet. Circuit VI is preparation for the step after that, interspecies com-

munication with advanced entities using electronic (post-verbal) reality-maps.

Circuit VI is the "universal translator" often imagined by sci-fi writers, already built into our brains by the DNA tape, just as the circuits of the future butterfly are already built into the caterpillar.

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VII. The neurogenetic circuit. The seventh brain kicks into action when the nervous system begins to receive signals from within the individual neuron, from the DNA-RNA dialogue. The first to achieve this mutation spoke of "memories of past lives," "reincarnation," "immortality," etc. That these adepts were recording something real is indicated by the fact that many of them (especially Hindus and Sufis) gave marvelously accurate poetic vistas of evolution 1000 or 2000 years before Darwin, and foresaw Superhumanity before Nietzsche.

The "akashic records" of Theosophy, the "collective unconscious" of Jung, the "phylogenetic unconscious" of Grof and Ring, are three modern metaphors for this circuit. These visions of past and future evolution described by those who have had "out-of-body" experiences during close-to-death episodes also describe Circuit VII contelligence.

Specific exercises to trigger Circuit VII are not to be found in yogic teaching; it usually happens, if at all, after several years of the kind of advanced rajah yoga that develops Circuit VI facility.

The specific Circuit VII neurotransmitter is, of course, LSD. (Peyote and psilocybin produce some Circuit VII experiences also.)

Circuit VII is best considered, in terms of 1976 science, as the genetic blue-print archives, activated by anti-histone proteins. The DNA memory coiling back to the dawn of life. A sense of the inevitability of immortality and interspecies symbiosis comes to all Circuit VII mutants; we can now see that this, also, is an evolutionary forecast.

We stand right now on the doorstep of extended longevity leading to immortality.

This is no exaggeration. In a laboratory at UC Berkeley, researcher Paul Segall already has a group of rats who are not only alive but reproductively active and bearing litters at an age when normal rats are long dead. Segall speaks of having a formula

Circuit VII is literally neuro-atomic...when the nervous system is turned on to this quantum-level circuit, space-time is obliterated. Einstein's light-speed barrier is transcended.

within ten years that might raise human life-span to 400 or 500 years. Similar research by Bjorksten in Wisconsin, Froimovich in Los Angeles and hundreds of others, has raised longevity to the status of a real scientific probability within the next few decades.

As Senator Hubert Humphrey said after observing Russian longevity research, "A decade or two from now we may look back to present-day attitudes toward death as 'primitive' and 'medieval' in the way we now look back upon a once-dreaded killer like tuberculosis."

The exact role of the right-lobe circuits and the reason for their activation in the 1960s cultural revolution now becomes clear. As sociologist F.M. Esfandiary writes in *Upwingers*, "Today when we speak of immortality and of going to another world we no longer mean these in a theological or metaphysical sense. People are now striving for physical immortality. People are now traveling to other worlds. Transcendence is no longer a metaphysical concept. It has become reality."

There is no reason why you must die. Already many farseeing pioneers have had themselves frozen by Cryonics Societies at "clinical death" to await medical resurrection when science has advanced a few decades. Only stupidity or allegiance to deathist philosophy will prevent you from living as long as you want.

In *The Immortality Factor* by Osborn Segerberg Jr., we find that predictions from scientists about when immortality will be achieved have steadily moved closer to the present. A 1962 panel predicted immortality in the late 21st Century; a 1969 panel the end of this century; etc. Already the 1973 prediction by Timothy Leary and L. Wayne Benner, naming 1990, begins to seem conservative. We can probably have eternal life in the 1980s if public consciousness is raised high enough to demand it.

The evolutionary function of the seventh circuit and the drugs which activate it is to prepare us for conscious immortality and interspecies symbiosis.

VIII. The neuro-atomic circuit. According to quantum mechanics, consciousness probably precedes the biological unit or DNA tape-loop. "Out-of-body experiences,"

"astral projection," contact with alien (extra-terrestrial?) "entities" or with a galactic overmind etc. have all been reported for thousands of years, not merely by the ignorant, the superstitious, the gullible, but often by our finest minds (Socrates, Giordano Bruno, Edison, Buckminster Fuller, etc.). Such experiences are reported daily to parapsychologists and have been experienced by such scientists as Dr. John Lilly and Carlos Castaneda. Dr. Kenneth Ring has attributed these phenomena to what he calls, very appropriately, "the extra-terrestrial unconscious."

The left-brain terrestrial circuits contain the learned lessons of our evolutionary past. The right-lobe post-terrestrial circuits are the evolutionary script for our future.

We suggest that Circuit VIII is literally neuro-atomic  $\wedge$  infra, supra and meta-physiological. A quantum mechanical communication system which does not require a biological container. The attempt to construct a quantum model of consciousness and/or a conscious model of quantum mechanics by such turned-on physicists as Prof. John Archibald Wheeler, Saul-Paul Sirag, Dr. Jack Sarfatti etc. indicates strongly that the "atomic consciousness" first suggested by Leary in "The Politics of Ecstasy" (1962) is the explanatory link which will unite parapsychology and paraphysics into the first scientific empirical experimental theology in history.

When the nervous system is turned on to this quantum-level circuit, timespace is obliterated. Einstein's speed-of-light barrier is transcended; in Dr. Sarfatti's metaphor, we "escape electro-magnetic chauvinism." The



contelligence within the quantum projection booth is the entire cosmic "brain", just as the micro-miniaturized DNA helix is the local brain guiding planetary evolution. As Lao-Tse said from his own Circuit VIII perspective, "the greatest is within the smallest."

This neuro-atomic contelligence is four mutations beyond terrestrial domesticity. (The current ideological struggle is between Circuit IV tribal moralists-or-collectivists and Circuit V hedonic individualists). With our need for higher intelligence, richer involvement in the cosmic script, further transcendence will no longer be satisfied by physical bodies, not even by immortal bodies capable of genetic engineering, Circuit VIII will open a further frontier. New universes and realities. "Beyond theology: the science and art of Godmanship," as Alan Watts once wrote.

It is possible that the mysterious "entities" (angels and extra-terrestrials) monotonously reported by Circuit VIII visionaries are members of races already evolved to this level. Even more exciting is the theory propounded by Saul-Paul Sirag, based on Godel's mathematics, that They are ourselves-in-the-future.

The left-lobe terrestrial circuits contain the learned lessons of our evolutionary past (and present). The right-lobe extra-terrestrial circuits are the evolutionary script for our future.

Thus far, there have been two alternative explanations of why the Drug Revolution happened. The first is presented in a sophisticated way by anthropologist Weston LeBarre, and in an ignorant, moralistic way by most anti-drug propaganda in the

schools and the mass media. This explanation says, in essence, that millions have turned away from the legal down drugs to illegal high drugs because we are living in troubled times and many are seeking escape into fantasy.

This theory, at its best, only partially explains the ugliest and most publicized aspect

Without totally endorsing Charles Fort's technological mysticism ('It steam-engines when it comes steam-engine time'), it is obvious that the DNA metaprogram for planetary evolution is far wiser than any of our individual nervous systems.

of the revolution <sup>^</sup>× the reckless drug-abuse characteristic of the immature. It says nothing about the millions of respectable doctors, lawyers, engineers, etc., who have turned away from second circuit intoxication with booze to fifth circuit rapture with weed. Nor does it account at all for the thoughtful, philosophical sixth circuit investigations of persons of high intelligence and deep sensibility, such as Aldous Huxley, Dr. Stanley Grof, Masters-Houston, Alan W. Watts, Carlos Castaneda, Dr. John Lilly and thousands of scientific, and religious researchers on consciousness.

A more plausible theory, devised by psychiatrist Norman Zinberg out of the work of Marshall McLuhan, holds that modern electronic media have so shifted the nervous system's parameters that young people no longer enjoy "linear" drugs like alcohol and find meaning only in "non-linear" weed and psychedelics.

This is certainly part of the truth, but it is too narrow and over-stresses TV and computers without sufficiently stressing the general technological picture  $\wedge \times$  the ongoing Science Fiction Revolution of which the most significant aspects are Space Migration, Increased Intelligence and Life Extension, which we have condensed into the formula S.M.I2LE.

Space Migration plus Increased Intelligence plus Life Extension means expansion of human intelligence into all space-time. S.M. +I2+ L.E. = Infinity .

Without totally endorsing Charles Fort's technological mysticism ("It steam-engines when it comes steam-engine time"), it is obvious that the DNA metaprogram for planetary evolution is far wiser than any of our individual nervous systems  $\wedge \times$  which are, in a sense, giant robots or sensors for DNA. Science-Fiction pulps, the crudities of Buck Rogers, the sophisticated sci-fi of brilliant writers like Stapledon, Clarke, Heinlein, 2001  $\wedge \times$  all were DNA signals transmitted through the intuitive right lobe of sensitive artists, preparing us for the post-terrestrial mutation.

It is scarcely coincidental that mainstream "literary" intellectuals  $\wedge \times$  the heirs of the Platonic-aristocratic tradition that a gentleman never uses his hands, monkeys with tools or learns a manual craft  $\wedge \times$  despise both sci-fi and the dope culture. Nor is it coincidental that the Whole Earth catalogs  $\wedge \times$  created by Stewart Brand, a graduate of Ken Kesey's Merry Pranksters  $\wedge \times$  are the New Testament of the rural drop-out culture, each issue bulging with eco-technological information about manual, dextrous, gadgety know-how that Plato and his heirs consider fit only

for slaves. Not surprisingly, Brand's latest publication, *Co-Evolution Quarterly*, has among other things, been devoted to publicizing Prof. Gerard O'Neill's space-habitat, the L-5 colony.

Nor is it an accident that dopers seem to prefer sci-fi to any other reading, even in-

Those who were burned or jailed in the 17th century (Bruno, Galileo, etc.) were forerunners of the Revolution of Outer Technology. Those who were jailed or ostracized in the 1960s were forerunners of the Revolution of Inner Technology.

cluding the extra-terrestrial-flavored Hindu scriptures and occult-shamanic Circuit VI-VIII trip-poets like Gurdjieff, Crowley and Hesse.

The circuit VI drugs may have contributed much to the metaprogramming consciousness that has led to sudden awareness of "male chauvinism" (women's liberationism), "species chauvinism" (ecology, Lilly's dolphin studies), "type-G star chauvinism" (Carl Sagan), even "oxygen chauvinism" (the CETI conference) etc. The imprinted cultural programs which identify one as "white-male-American-earthling" etc. or "black-female-Cuban" etc. are no longer big enough to enclose our exploding contelligence.

As *TIME* magazine said on November 26, 1973, "Within ten years, according to pharmacologists, they will have perfected pills and cranial electrodes capable of providing lifelong bliss for everyone on Earth." The 1960s hysteria about weed and acid was just the overture to this fifth circuit breakthrough. Nathan S. Kline, M.D., predicts

real aphrodisiacs, drugs to speed up learning, drugs to foster or terminate any behavior. Those who were burned or jailed at the beginning of the 17th Century (Bruno, Galileo, etc.) were forerunners of the Revolution of Outer Technology. Those who were jailed or ostracized in the 1960s were forerunners of the Revolution of Inner Technology.

The neurogenetic meaning of the cultural revolution is now clear. Neurochemicals are designed to be pursuitist, not escapist. They open the nervous system to the possibilities of future post-terrestrial evolution. And they reaffirm the interstellar optimism of aero-space pioneer and sci-fi prophet Konstantin Tsiolkovsky who foresaw and designed prototypes for much of the technology of the 1970s, 1980s and 1990s as early as 1910 and 1920. As Tsiolkovsky wrote, "The murky view which some scientists advocate as to the inevitable end of every living thing on Earth...should not now be regarded as axiomatic. The finer part of humanity will, in all likelihood, never perish ^x they will migrate from sun to sun as they go out. And so there is no end to life, to intelligence and to the perfection of humanity. Its progress is everlasting."

The Sexual Domestication  
of the Four-Brained Biped

Coauthor

November 1973

Robert Anton Wilson

Folsom

Prison

Frank, the Hip San Francisco Disc Jockey, has finally

cajoled his luscious wife (played by Marilyn Chambers, the Ivory Soap advertising angel) to join him on the swinging Bay Area orgy circuit. Remember? The Resurrection of Eve, the most elegantly arty (and frequently revived) porn epic to date? One panting-gasping-bongo-orchestrated reel too late, Frank is aghast by Eve's suddenly awakened passions, especially for black young males with jumbo-sized prongs, "The way it used to be..." he starts to complain. And she tells him all, everything, what's really coming down, the straight scoop from Evolutionary Central, in just three little words: "It's over Frank." As the film freezes porn has at last achieved a typical European static-ambiguity ending (right out of Polanski's *Knife in the Water*, in fact).

And Marilyn-Eve, fresh from her baptismal cleansing in 99 and 44/100th pure Ivory, a true witch-initiate, spells out the next evolutionary mutation. The "search for the apocalyptic orgasm" has triumphed <sup>^x</sup> the search which Mailer alone in "The White Negro" (1958) had defined as the vector of the Hip Revolution, before anybody else realized there was a Hip Revolution. Sexual Armageddon has arrived. We don't need Steinem to tell us that the Patriarchal Age is over. We don't need Alvin Toffler to remind us that the nuclear family has been fissioned along with the atom itself. We only need to look around to see that we are in the midst of the greatest bio-social upheaval since the Neolithic Revolution founded cities, created centralized government and domesticated humanity.

Sexuality (along with every aspect of our culture) will be transformed more in the next thirty years than in the previous thirty

thousand.

We are in the primitive, larval stages of the mutation. The chief cause of our accelerated changing, changing, changing, is the extension of our nervous systems through chemistry and technology (as Buckminster Fuller and Marshall McLuhan keep reminding us). Our culture is dramatically influenced by the fact that there are more scientists alive and engaged in research today than in all previous generations added together. Sexuality (along with every aspect of our culture) will be transformed more in the next thirty years than in the previous thirty thousand. (We will be mutating from terrestrials to post-terrestrials, for instance, much more rapidly than most people realize.)

Scan the socio-sexual trends <sup>^x</sup> and remember that all this is overture, preamble:

The United States divorce rate is now almost 50 per cent (and over 75 per cent in California, the most avant segment of the union). The remarriage rate among the divorced is a fantastic 80 per cent. These two facts mean that the U.S., the most advanced technological nation on the planet and the harbinger of change, de facto has evolved from a culture of traditional monogamy to one of consecutive marriage or serial polygamy. This is about as major a cultural change from frontier mores as if we had switched from Christianity to Islam.

Acceptance of pre-marital sex is no longer a minority or heretic stance. A clear majority of students in both a middle-class and a lower-class San Francisco high school, in a recent study, approve of what used to nervously be called "going all the

way." (Exact figures were 53 per cent of the males and 58 percent of the females in the middle class school; 64 per cent of the males and 48 percent of the females in the lower class school.) Paul C. Glick, senior demographer at the Census Bureau's population division, reports that cohabitation outside marriage increased 800 per cent during the 1960's. Illegitimacy increased 200 per cent since the 1950's.

Other census figures show the number of new marriages falling and new divorces rising faster in 1975 than during the previous tumultuous decade. (Divorce stood at 2.2 per thousand in 1960, reached 2.5 in 1965, 3.5 in 1970, and is now over 4.6.) In New York State, the divorce rate jumped 300 percent between 1969 and 1975.

While communes, group marriages, crash pads, come and go, form, reform, break-out, start anew, no very exact figures on this retribalization are available, but the nuclear family is clearly evolving. A recent United Press study of 22 cities showed that in 54 per cent of them, marriage license bureaus reported dramatic decreases in new marriages. In San Francisco, the drop was over 25 percent in five years.

To see sex realistically (for once), try seeing it as part of the evolution of the nervous system.

Women are having more pre- and extra-marital sex than ever before. Six out of ten teen-age mothers are now unwed or got married about the time of giving birth. While male infidelity remains where Kinsey found it in the 1940's (around 50 percent), female extra-marital affairs have increased from about 25 percent to 40 percent; and this



breaking out of the monogamy game is occurring earlier (average age 40 in Kinsey's sample; average age 35 today). 50 percent of the wives in Bell's latest study predicted that they "certainly" or "possibly" would have affairs in the future. This trend is strongest in the youngest (as always); in Kinsey's females, only 8 percent had been unfaithful to their husbands by age 24; now it is 24 percent.

And in the Redbook study of last year, 40 percent of a large statistical sample (100,000 wives) complain that they are not having enough sex. Let us call this the "Resurrection of Eve" syndrome. It portends apocalypse in every bedroom.

Marijuana, used by only one or two hundred thousand (mostly Southern Blacks and Mexican-Americans) when Congress outlawed it in 1937, is now<sup>^</sup>on the historical eve of decriminalization <sup>^</sup>used by somewhere between 30 and 40 million. A great deal of this Weed-smoking has erotic meanings, in several dimensions, as Barbara Lewis demonstrated at length in *The Sexual Powers of Marijuana*, and as antipod crusaders enviously suspected all along. 85 percent of the grass-smokers interviewed by Prof. McGlothlin in a 1968 study mentioned enhancement or stimulation of sex as one of their main reasons for using the heavily-penalized cannabis in preference to the legal anti-aphrodisiac alcohol.

The hipster search for the transcendental Maileresque or Reichian orgasm is not only the root of all this ferment but the beginning of the de-domestication of sex. Conservatives, of course, have been more aware of this, in their own suspicious way, than optimistic liberals and academic humanists. A whole

phase of human civilization is ending. Nietzsche and Aleister Crowley saw moral (i.e. sexual) apocalypse clearly at the dawn of the 20th Century and celebrated the collapse of domesticity (inaccurately) as the re-birth of heroic barbarism <sup>^x</sup> Nietzsche's "blonde beast" warrior-Superman, Crowley's self-identification as the Great Beast in Revelations whose law was "Do what thou wilt." Alas, both of these bards of evolution were better at analyzing what was dying-off than at discerning what was actually being born.

To see sex realistically (for once), try seeing it as part of the evolution of the nervous system. Mailer correctly identified the hip quest for erotic transmutation as part of the hipster's "attempt to build a new nervous system." The extensions of our nervous systems, our self-created scientific sensors, are all exploding. The speed of com-

None of our social organizations are prepared to deal with change. Utopianism, Futurism, Science Fiction are the only realistic "politics" around these days.

munications increased  $10^7$  times since 1900, and is accelerating faster in this decade. Speed of travel in the same period is up  $10^2$ , data processing  $10^6$  and known energy sources  $10^3$ . "UnWoManned" spaceships have reached other planets.

Prof. J.R. Platt of the University of Michigan, who made these calculations, comments ominously that "None of our social organizations are prepared to deal with change on such a scale." Utopianism, Futurism, Science Fiction are the only realistic "politics" around these days. The mammalian Left and

reptilian Right are both obsolete, blind, irrelevant. None of our social organizations can house the new humanity being born. We are literally, demographically, too big for the womb-cultures which nourished us.

The loosening of monogamous robotry has followed inevitably the rise of contraceptive effectiveness from 50-70 per cent (douches and old-fashioned condoms) to 98-99 percent (the coil, the pill). The inevitable advance to 100 percent perfect contraception can be no further away than 1985. Pregnancy outside the womb will be common by 1990, completing the biological liberation of women and ensuring their political liberation. Genetic engineering means that longevity can't be much further away <sup>^x</sup> and some of the brightest young scientists in that field, such as Paul Segall of Berkeley, are already aiming beyond longevity for immortality. O'Neill's space-cities, housing not monastic astronauts but families, tribes, human communities, will circle the sun, beginning the greatest evolutionary mutation since the ascent from the ocean to land.

We can now see that the domestication of humanity was a necessary but temporary stage.

The mammalian (and other animal) nervous system evolves in metamorphic stages, over long historical spans, and this is quickly recapitulated and imprinted for local conditions in each individual. Imprinting is a bio-chemical process in which certain pathways, patterns, networks are bonded in synergetic response-units, activated to trigger the same robot-reaction whenever similar events happen in the environment.

Ethologists have demonstrated that conditioning can only build further associations onto the basic bio-chemical imprint. Conditioning cannot change or reverse imprint. The imprint stays in the neurons until it is changed bio-chemically. In most cases it stays until death.

The first circuit, formed in the evolution of the (marine) nervous system, and the first activated in each newborn human, is the bio-survival brain. This hooks the organism onto a maternal object and then slowly builds up a safe space of territory around her.

The sexual imprint literally freezes behavior into robot patterns almost as inflexible as the so-called "instinctive mating rituals of birds and insects.

This is basic viscerotonic consciousness, being here-now, the DNA memory becoming identified with this nervous system in this small, helpless body, in this social grouping, now. Basic feelings of anxiety or security are set by this imprint, and never change (Unless bio-chemical re-imprint is achieved by careful scientific or brutal brainwashing techniques). In popular speech, this is the "will."

The second circuit evolved later in evolution (amphibian, post-marine), and deals with territory and status. As soon as the infant is able to walk, master gravity, exert muscular effort, and meddle in family politics (decision-making), the basic imprint is laid down. This is the emotional script, the tribal status, the sense of being strong-dominant-manipulative or weak-submissive-manipulated. In traditional language, this is the "ego."

The third circuit evolved in early hominid society and deals with artifacts, from the flint-axe to the Orion starship, and with verbalization (laryngeal signals), from "Me Tarzan, You Jane" to "E = mc<sup>2</sup>." The basic imprint is made by age 3 and is either "bright-dexterous" or "stupid-clumsy." (Headstart programs failed because they started too late. Subsequent conditioning never reverses a basic bio-chemical imprint.) This circuit is usually called the "mind."

These circuits are designed by the DNA master-blueprint for the survival of the individual organism.

The fourth circuit provides for the continuity of the species. This circuit connects the sexual apparatus to an imprinted social behavior syndrome. The first orgasms or mating experiences create the bio-chemical imprint <sup>^x</sup> in the human class of life, the sexual "role." Again, no amount of Behavior Mod or conditioning has ever shown any significant or consistent success in altering this basic bio-chemical imprint. This sexual impersonation is generally called the adult "personality."

The sexual imprint literally freezes behavior into robot patterns almost as inflexible as the so-called "instinctive" mating rituals of birds and insects. Explicit male superiority, garter-belts, booze, black lace panties, cool jazz defines one human imprint group as rigidly as any twig-gathering pattern defines the ritual of any robin or sparrow. Attempted equality, long-hair, incense, grass, sleeping bags, Rock 'n Roll defines another imprint group just as rigidly.

The division of labor and the wide varieties of

cultural style, together with the astonishing ability of the nervous system to imprint almost anything, prevent domesticated humans from realizing that their socialized sex-roles are just as rote as those of the ant and the platypus.

The fifth circuit of the brain defines "neurosomatic intelligence": the capacity to suspend, integrate, re-wire and hedonically engineer all the previous imprints in terms of direct, bodily sensation.

A fifth neural circuit has been emerging for at least a few thousand years. It has given rise to a great deal of mysticism, occultism, witchery and superstition, together with astonishing, sporadic breakthroughs in art, music, and science. (There are also dawning sixth, seventh and eighth circuits, to be mentioned later.) The fifth circuit defines neurosomatic intelligence: the capacity to suspend, integrate, re-wire and hedonically engineer all the previous imprints in terms of direct, bodily sensation.

The first scientific study of this circuit, Cosmic Consciousness, by psychiatrist R.M. Bucke, proposed that this was a new evolutionary development, not a pathology, and seemed to be statistically increasing in recent centuries. Psychologist A.H. Maslow showed in *The Peak Experience* that this circuit appeared spontaneously in many cases, but only among "self-actualizing" (i.e. relatively undomesticated) individuals. More recently, Ornstein and his school have demonstrated that fifth circuit experiences are mediated through the right lobe of the brain, whereas circuits I-IV are mediated through the left lobe and lower brain

centers.

Fifth circuit right-lobe experience is more or less familiar to:

- a. Casual, recreational users of neurotransmitter chemicals, such as weed, who have mild-to-major fifth circuit raptures some of the times they turn on;
- b. Scientific and shamanic technicians-of-the-nervous-system who have learned how to use such chemicals to re-imprint for Rapture Control, i.e. precise neurosomatic intelligence;
- c. Other shamans and yogis who have learned how to turn on the rapture circuitry without ingesting biochemicals. This means producing similar bio-chemicals within the body, by various kinds of physiological stress. In yoga, this consists of what is now called "social deprivation." In most forms of shamanism, it consists of cheerfully scaring the student out of his wits until the ecstasy-chemicals typical of death or near-death are released to produce a re-infantile state and allow for a new imprint;
- d. Some epileptics (e.g. Dostoevski) and schizophrenics (e.g. Van Gogh) have occasionally triggered bio-chemical mutations to fifth circuit rapture.
- e. Tantra. An excruciatingly sensual art in which sexual fusion is prolonged until a neural electric-storm ("the rising of the serpent") triggers the neurosomatic mutation.

, This neurosomatic fifth circuit is "polymorphous-perverse" in Freud's dismal Teutonic jargon; "childish, playful, creative," in Taoist descriptions; "just like ordinary

life, but one foot above the ground" in the famous Zen metaphor. In some highly-significant and prophetic modern slang, it is "high," "spaced-out," "trippy," "floating," "flying," "far fucking out." It is the new nervous system Mailer's 1958 hipsters were seeking, and their pursuit of apocalyptic orgasm was an intuitive sense of

Fifth circuit experiences are mediated by the right lobe of the brain, whereas the four survival circuits are mediated through the left hemisphere and the brain stem.

the pivotal role of Tantra (hedonic engineering) in this mutation to extra-terrestrial, post-domesticated evolutionary stages.

A grim warning against the fifth circuit, and a stirring defense of fourth circuit domestic robothood, has been presented by George Gilder in his melodramatic book, *Sexual Suicide*. Correctly sensing that recent explosions of Fifth Circuit rapture and the new age of freedom between the sexes poses an evolutionary competition for the four-circuited domesticated species, Gilder eloquently defends traditional robotic sex-roles.

Among four-brained creatures, he says, "sex is bound to their deepest sources of energy, identity and emotion. Sex was the life source and cohesive impulse of a people, and their very character was deeply affected by how sexuality was sublimated and expressed, denied or attained." By comparison, among post-domestic fifth-brained hedonists, Gilder says "sex is devaluated and deformed" ^× i.e., individualized, de-robotized.



Gilder understands how second circuit ego-politics and third circuit competence were basic preliminaries to the development of fourth-circuit sex-role. Among four-brained humans, he says, "The boy's sexual identity is dependent on acts of exploration and initiative." (Second circuit courage, third circuit dexterity.) "Before he can return to a woman he must assert his manhood in action. The Zulu warrior had to kill a man, the Irish peasant had to build a house, the American man must find a job." (Just as robotically as the penguin must find a specially colored stone and bring it to his mate.) "This," says Gilder, "is for them the classic myth and the mundane reality of masculinity, the low comedy and high tragedy of mankind." Or of mammalkind or ant-kind.

"Female histories are different," says Gilder, still identifying humanity with the four-circuit domesticated species and assigning women an insectile housekeeping role. We turn in relief to sci-fi prophet Robert Heinlein, who with relaxed precision suggests the multi-role flexibility of the post-domestic, post-terrestrial:

A human being should be able to change a diaper, plan an invasion, butcher a hog, design a building, conn a ship, write a sonnet, balance accounts, build a wall, set a bone, comfort the dying, take orders, give orders, cooperate, act alone, solve equations, analyze a new problem, pitch manure, program a computer, cook a tasty meal, fight efficiently, die gallantly. Specialization is for insects.

Maoism is the highest, and ultimate, form of terrestrial domesticated four-brained humanity.

The 10-billion cell human brain, including the Hedonic right lobe unactivated in domesticated primates, is designed to handle all these sex-role programs, and a million more; and to learn to reprogram itself for ever-higher intelligence, emotional stability and artistic-ecstatic meta-programming of its own programs.

Continuing his lonely struggle for domesticity, Gilder says, "Of all society's institutions that work this civilizing effect"  $\wedge$  "domestication"  $\wedge$  "marriage is perhaps the most important...The family is the only agency that can be depended on to induce enduring changes in its members' character and commitment." We shall ignore the curious ambiguity of the phrase "enduring change" and simply add that the family is the only agency before Chinese Communism, to be precise, for Maoism is a philosophy of total hive-domesticity.

The sexual roles imprinted on the adolescent four-brained human Gilder calls "the sexual constitution" of the tribe. This constitution, he shrewdly notes, "will deeply influence the productivity and order of the community." (Hive solidarity.) "It will determine whether social energies are short-circuited and dissipated or whether they are accumulated and applied to useful pursuits." Useful means useful to the hive; short-circuited or dissipated energies are those which produce somatic pleasure, interpersonal fusion, brain reward, personal growth, individual freedom.

The Sexual Constitution (robot imprint), Gilder

gushes, "will determine whether the society is a fabric of fully integrated citizens" ^× an ominous phrase ^× "or whether it is an unorganized flux with disconnected individuals pursuing sex and sustenance on the most limited and anti-social scale." What ominously Soviet semantics! The hive is all-virtuous; the free individual is, by definition, anti-social. Pravda would only improve Gilder's rhetoric by adding "decadent" and "hooligan" to the adjectives decrying the self-actualizing hedonic individual.

"A job is thus a central part of the sexual constitution," Gilder summarizes grandly. "It can affirm the masculine identity of its holder; it can make it possible for him to court women in a spirit of commitment; it can make it possible for him to be married and thereby integrated into a continuing community."

These blatantly insectile moral views cause Gilder to be equally alarmed by all fifth-circuit manifestations^×Playboy, Rock and Roll, Women's Liberation, objective sex-ological scientists like Masters-Johnson, Gay Pride militants, hippies, liberal clergymen, anybody, literally anybody, who departs from the robot domestic imprint bio-chemically hooked into Gilder's neurons at puberty.

So-called "future shock" is, of course, actually present shock. The present is the

The DNA strategy calls for continuous acceleration of the genetic script, and evolution has never happened faster than at present.

future of the nervous system, in four-brained humanity, because the neurons normally do not take new imprints after the sex-role is fixed

at adolescence. Nixon's sexual system was formed in 1925, Frank Sinatra's in 1930, etc. Thus, it only takes 10 years for a liberal to become a conservative, another 10 to become reactionary.

But Gilder is a valuable witness. He makes explicit the preoccupations of fourth-circuit hive humanity with static-insectoid continuity as opposed to individual evolutionary exploration. The positive moral values for Gilder are "productivity," "fully integrated citizens" (hive units) and "social energies" (a curious phrase meaning individual energies preempted by the hive). The delightful Taoist-Einsteinian term "unorganized flux" becomes a sinful derogation to this stern moralist.

Maoism is the highest, and ultimate, form of terrestrial domesticated four-brained humanity. When a U.S. Embassy official admits ruefully that a woman can walk alone through a Chinese city at three in the morning, without danger, what American fourth-brained moralist is not envious, awed, secretly shamed? For the sake of evolutionary perspective, we have mildly satirized the domestic-social ethic, but we do not condemn it or despise it. "Women and children to the life-boats first!" "Be ready to die for your tribe's survival!" "United We Stand!" "Defend Our Turf!" Out of such gallant mammalian politics the survival of the seed was ensured, the species continued.

It does become ominous when defenders of status quo domesticity ^x whether of the nuclear family or the Maoist collective ^x justify legislative and coercive force to prevent the emergence of higher levels of consciousness and evolution. The social moralist then becomes a neurological fascist

relentlessly opposed to any conception  
of human destiny higher than docile ant-hill  
productivity.

What Gilder and all orthodox moralists fear is the  
unfolding of the fifth neurological-  
rapture circuit, freedom from static imprints,  
disciplined release of right-lobe ecstasy,  
the joyful experience of Zen freedom, the spirit of  
levity which will free individual  
atoms to float loose from the terrestrial molecule and  
form higher units in neurological  
(and physical) Outer Space.

It must be emphasized that the evolution from  
fourth-circuit gravity to fifth-circuit  
levity is much, much more than a struggle between  
generations. The DNA strategy  
calls for continuous acceleration of the genetic  
script, and evolution has never hap-  
pened faster than at present. The bitterness of the  
old species grows increasingly  
paranoid, violent, vengeful.

Think of the short-lived but symptomatic Spiro Agnew  
cult. The random shooting of  
longhairs. The death-wish implicit in Gilder's grim  
title, Sexual Suicide. The absolute

There are no holds barred in the domestic's  
genocide  
against the fifth-brain mutant. Pleasure is worse than  
treason.

blockage, after many long years, of all attempts to  
secure justice in the Kent State  
youth-massacre.

Think of this: in all our years of reading book  
reviews, after assuming that we had by  
now witnessed every extreme of spiteful cruelty that  
critics can impose on creative art-  
ists, only once have we actually seen a reviewer

express the wish to literally murder the subject of a biography. Was this a response to the history of some great scoundrel and mass murderer, some notorious thug or dictator, a Hitler, a Stalin, a Mao, a Nixon? No. It was in a commentary upon a book about Janis Joplin^×a long, hysterical diatribe against Janis, actually, with little comment on the book's own merits.

And this homicidal berzerkersang is historically important. The critic was (who else?) Midge Decter, one of the arbiters of New York lit-crit oligopoly, and the New York Times knew with intuitive precision that her polemic against Janis deserved a full spread over the first three pages. The middle-aged middle-class must have loved the review; it told them just what they wanted to hear. Many must have cheered aloud when Decter declared her instinctive impulse "to throttle her [Janis] on the spot."

Decter is direct and honest. She articulates without hypocrisy what must surely be the most fascinating phenomenon in genetic history, the genocidal hatred of one generation for its own children.

We are all bored with "generation gap" debate, but Decter will not let the issue die. Janis, she writes, "was proclaimed by a whole generation in our midst to represent their best and deepest impulses...to know who Janis Joplin was is to know a good deal, if not indeed everything that matters about the epidemic of antic despair that carried off so many of our children in the late 1960's." Please re-read the last two sentences and remember this is not some Dallas-based Fundamentalist but the middle-brow intelligentsia.

"Epidemic" means some form of plague or disease that was, fortunately, destroyed by the Watergate crowd, the stop-and-frisk-laws, the no-knock laws, the bugs and wire-taps, the legions of terrorized D.E.A. informers, the curfews against young people, the Gestapoization of America under the Nixon counter-revolution. "Antic despair" refers to the cheerful, generous cultural revolution which, among other achievements, permanently changed and improved the student-teacher-administrator relationship in our universities, clarified the relationship between the sexes, liberated the body to healthy hedonism, imported a dozen varieties of Oriental neuro-science (and two dozen varieties of Oriental charlatanism) which spiced-up and enriched our epistemology and culture, provoked the ecology movement, recreated a true love for nature and wild creatures,

The caterpillar cannot understand the butterfly.

Civilization, as Freud dismally admitted, is based on authoritarian State-control over individual life and individual sexuality.

millions of us live on a little warmer and shinier because Her radiation touched us. And the energy still moves the machinery of the "Janis Industry." The record companies, who separated Her from Big Brother, still prosper off Her sound. Royalties are paid to Her biographers. Decter gets three pages up front in the Times Book Section to perform necro-sadism upon Her corpse. We hope this paragraph would compensate Her a little for Decter's brutality. It's a small act of gratitude to Janis. Her eyes would smile thanks and She'd hand us the bottle of Southern Comfort. Is it worse to shoot heroin with Janis than shoot heroines with Midge?

(This is not old history, by the way. The prisons are still full of sensitive young nervous systems, post-larval, open and vulnerable, but lacking the neurological know-how to deal with the violence of the moralists. They are there for the same reasons that Janis' corpse is dug up and savaged by Decker: for no crime against life or limb, no theft or swindle, but the manifestation of cultural dissent.)

Civilization, as Freud dismally admitted, is based on authoritarian State-control over individual life and individual sexuality. Domestication, the fourth-brained stage of evolution, is, in fact, (as Freud also realized in his own jargon) "the sublimation and repression of Eros," the creation of Gilder's "social energy" out of the robotic submission of the masses. Monogamous marriage, the Mom-Dad form of child-rearing, although necessary to the fourth-brained stage of development, has mostly been a neurological and genetic trial of passage.

Domesticated robot-sex, as every sane person from Ibsen to Gloria Steinem has realized, is a socially-acceptable form of prostitution. He gives Her \$\$\$\$\$. She gives Him a tepid orgasm. "Frigid fucking for Frigidaires," as poet Kenneth Rexroth said so bitterly.

Most of the men who go to prostitutes, according to Judge Murtagh's sane and compassionate book, *Cast The First Stone*, are married. Domesticates who are theoretically "getting their sex" from a female domesticated robot at home. What are they paying extra money for, to a stranger? The truth is funnier and more tragic than any satire. Harmless frivolities like fellatio, in almost



all cases. Simple hedonic arts that their robot-mates did not imprint in uptight Christian culture and are too senile (at 25 or 35) to learn. A minority of Johns, of course, are seeking fetish-relief ^× satisfaction of "bizarre" imprints which, statistically, just happen because of the vulnerability of the nervous system to imprint anything at the sensitive moments of adolescence.

The attempt to eroticize marriage has spawned the enormous industry of sex-manuals, sensitivity sessions, cosmetics, costumes, erotic reconditioning stimuli

The attempt to eroticize marriage has spawned the enormous industry of sex-manuals designed to free robots enough to cure their more obvious inhibitions. It can't work. You cannot recondition until you re-imprint.

designed to free the robots enough to cure their more obvious miseries. It can't work. You cannot recondition until you re-imprint. The fifth-circuit chemical, cannabis, has changed more sex compulsions than all the reconditioners and retrainers in the world ^× but at the cost of setting the post-larvals more free than larval society will tolerate.

It is imperative to understand that no anthropological study of "primitive" tribal groups has found the prevalence of neurosis, hysteria, rape, violence, psycho-somatic ailments, outright psychosis, typical of the urban hive and the Mom-Dad nuclear family. The extended family of the native village is always saner and more peaceful.

Civilization, based upon erotic inhibition and sexual

domestication, is psychopath-  
ically dangerous, inevitably leading to the repression  
of women (it is always Eve who is  
to blame) and neurotic displacements of sexual charge  
into violent, coercive, often  
genocidal policies. Ashley Montague, the  
anthropologist, has commented ironically on  
the paradox: "all the civilized nations at war, all  
the savages at peace." It is no paradox.  
Repressed sex is the most violently explosive  
neurological blockage possible.

Contraception and conscious procreative choice give  
us, for the first time in history,  
individual decision and individual responsibility for  
sexual behavior. At the same time,  
electronic communication-technology has made it  
possible to link humans into social  
molecules and ethical collectives based, not on  
robotic hive-morality, but on shared  
evolutionary goals, consciously chosen. Both are part  
of the mutation that is preparing  
us for Space Migration. The H.O.M.E.s, of course,  
house the nuclear villages.

The first four neural circuits, with associated  
imprints and conditioned-reflex net-  
works, are totally Euclidean, "square," concerned with  
adapting and preparing the  
newborn to survive in the spatially polarized and  
hive-dominated terrestrial environ-  
ment. They will not be adequate for outer space.

Circuit I "consciousness" masters forward-back  
strategies for survival; the first  
dimension of Euclidean space.

Circuit III "mind" masters right-left polarities of  
the nervous system itself. Right-  
hand preference and associated left-brain dominance  
creates Euclidean, Aristotelian,  
linear modes of "reality"-definition.

These circuits "place" the nervous system in three spatial-psychic dimensions; the fourth circuit "personality" mediates the evolution of the genetic seed in time by domesticating sexual behavior on a "moral" chess-board of squares dogmatically marked "right" and "wrong" by the infallible authority of the Hive.

The function of the emerging larval nervous system is to focus, to select, to narrow

Ours is not just another civilization falling; it is a Post-

Terrestrial Prometheus Rising.

Terrestrial Prometheus rising.

down, to choose from an infinity of possibilities those spatial tactics, those survival-security strategies, those sequences which insure life and reproduction here in this local place of birth and growth. The infant is cellularly prepared to learn any language, master any art or science, play any sex-role, but is imprinted to fixate, follow, mimic the narrow offering of hive parochialism.

In so doing, four-brained humanity has paid a heavy price. They kept the Seed alive, they kept the species growing, but they lost the endowment of free choice and change.

In less poetic terms, larval imprinting and conditioning focus awareness-potential on a trivial fragment of the possibilities for intelligence and experience in a 10-billion-cell bio-computer capable, for instance, of vast right-lobe meta-programs for Hedonic Engineering (Circuit V), psionic-neuroelectric multi-phase-intelligence (Circuit VI), genetic-evolutionary wisdom (Circuit VII) and meta-physiological synergetic fusion

with Higher intelligences throughout space-time  
(Circuit VIII).

One-half of the nervous system, unimprinted and unconditioned, is kept from consciousness by the right-handed left-lobe imprints and sex-role robotry. The awakening of this repressed half of our heads (the "Buddha-Mind" of the East, the "Silent Self" of Western occultism) does not signal a return to high barbarism and Macho Boy's-Adventure-Storyism, as was hoped by Nietzsche and Crowley, hysterically dreaded by Gilder and Decter. It is not just another civilization falling; it is a Post-Terrestrial Prometheus rising.

Behind the surface froth noted by the newspapers and the superficialities of hip-vs.-square, old-vs.-young, right-vs.-left, the new consciousness being bom in the West as a result of turning on to Eastern brain-science will transcend terrestrial reality. It will not be Eastern-passive-yin (right lobe) or Western-aggressive-yang (left lobe), but both <sup>^</sup>× entering Inner Space and Outer Space simultaneously, balancing the symbolic-rational mind of the third circuit with the Dionysian rapture-mind of the fifth circuit. It will be scientific in essence and science-fiction in style. It will be based on the expansion of consciousness, the deliberate self-disciplined raising of intelligence, new understanding and control of the nervous system, and will produce a quantum leap in joy, courage, security, warmth, curiosity and sense of humor.

Neurogenetic awareness will accelerate and finally resolve the angers, confusions and injustices in the old racist and sexist imprints, by making the Declaration's "pursuit of happiness" a scientifically tangible, neurologically attainable goal.

## Neuropolitics

All through history we have been going somewhere, as a domesticated society. Now we are going everywhere, in many different post-domesticated groups.

The Post-Hipster Age will seek revelation and Higher Intelligence not in crude rituals addressed to anthropomorphic dieties (Mommy and Daddy magnified) but in natural processes, the nervous system itself, the mysteries of sex, the genetic code, and especially in post-terrestrial exploration and communication.

And what will replace the Mom-Dad nuclear family? The question itself is larval, four-brained, an example of what McLuhan calls rear-view-mirrorism. The only question that need concern you is: what will replace it in your case? Or will you consciously, intelligently continue it? (It has well-known survival value and merits we do not deny). All through history we have been going somewhere, as a domesticated group. Now we are going everywhere, in many different post-domesticated groups.

O'Neill's space-cities, within half a century, will exhibit a spectrum of sexual patterns duplicating everything that has ever existed on earth: group marriage, sexual communism, polygamy, polyandry, Gay Pride (longevity will solve the Gay problem of survival as a self-contained culture without genetic link to the heterosexual hive), Amazonian female communes, etc. and dozens, later hundreds and thousands, of sexual groupings never tried under grim survival conditions on primitive planet Terra.

The categorical imperative of Kant asked: what is right for all men and all women?

This is the key ethical question of terrestrial domesticated humanity; but it is now obsolete. The post-terrestrial question is individualized: what is right and wrong for me, and how do I find the other free, growing, post-larvals who also want to combine and explore in that particular multi-dimensional timespace continuum? In simplest terms, the meek indeed shall inherit the earth, and domesticate it totally in Maoist-insectoid fashion. The bold shall migrate to H.O.M.E.s (High orbital mini earths) aloft.

Space Migration Intelligence Increase Life Extension  
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Neuropolitics : Part II The Dawn of Extraterrestrial Politics

Starseed: A Psy-Phy Comet Tale

Folsom Prison  
October 1973

"Kohoutek will have a pale blue and yellow tail stretching out for somewhere between 75,000,000 and 100,000,000 miles<sup>^x</sup> the yellow portions of it in the shape of a scimitar. It will first be seen by the naked eye in mid-November and will look dull. But since it will be approaching the Sun at 250,000,000 miles an hour, it will brighten and from mid-December to Dec. 28 the peoples of the world will have the finest Christmas star ever."

How about that, Chump? Do you still believe everything out there "just happened by accident."

^x From a "memo to a friend who is an atheist" in Bob  
Considine's  
September 16 column in the San Francisco Examiner &  
Chron-  
icle. The quoted paragraph is from a release by the  
American  
Museum ^x Hayden Planetarium.

This signal is being transmitted from a cell in Folsom  
Prison, which is the Black  
Hole of American society. A Black Hole is a dense  
space with a heavy gravitational  
pull. Matter which falls into a Black Hole fades from  
view and disintegrates in the  
stress of gravity. Given sufficient time, its  
radiation becomes too feeble to be detected  
from without. Although the matter of the Black Hole  
cannot re-escape as matter, some

Life is an interstellar communication network. Life is  
dissem-  
inated through the galaxies in the form of nucleotide  
tem-  
plates. These "seeds" land on planets, are activated  
by solar  
radiation, and evolve nervous systems.

of it may manage to escape in the form of feeble red  
radiation. Some cosmologists  
suggest that Black Holes are the link to another  
realization of matter. They may be  
passageways to another universe, just as the manholes  
of Paris lead to a world  
beneath the street. Well, the maximum security prison  
is a fine place from which to  
scan the universe. It's beyond pure, undiluted bad. As  
good as bad can be.

Out here, beyond good and evil, one sees America in  
pain, injured nervous systems  
propelling robot-bodies in repetitious, aimless motion  
along paths labeled rights and

wrong. I watch hardened criminals watching Ehrlichman on television protesting that his personal rights have been violated.

Sri Krishna Prem, the wisest man in India, sat on the floor of his little mountain-top ashram showing me pictures from medieval alchemical books. He pointed to the design of a man standing naked with devil on one shoulder, angel on the other. He said, "When you understand that, you can go on to the next lesson."

The next lesson was a parable about a great castle that was separated from shore by a swamp. Pilgrims, searchers, warriors seeking the castle disappeared into the marsh because each rock they stepped on sank from view. The Hero and his mate sat on the bank and watched for days. Then SHe rose and held his hand to Hir. He whispered the instructions that Sri Krishna Prem transmitted to me: "Leap from rock to rock more swiftly than they sink. The trick is simple. Have courage and keep moving."

Each spot we stand on crumbles beneath us, becoming a launching pad for the next stride.

>From the far future. We transmit these messages back to planet earth. Beware of the Hindu trap. It's anti-sexual. The guru, god, and the swami universe is a soft, sweet custard mush. Undifferentiated unity. True unity is contacted through increasing precision of distinctions. Psy-phy. Philosophy of science. The universe is not chaos ruled by casual chance. The Second Law of Thermodynamics is pessimistic nineteenth century fraud. Higher order structures emerge and lawfully evolve because of the underlying magnetic charging.



Positive-negative. WoMan.

Life is an interstellar communication network. Life is disseminated through the galaxies in the form of nucleotide templates. These "seeds" land on planets, are activated by solar radiation, and evolve nervous systems. The bodies which house and transport nervous systems and the reproductive seeds are constructed in response to the atmospheric and gravitational characteristics of the host planet, the crumbling rock upon which we momentarily rest.

Evolution is concerned with nervous systems and the sexual attractive efficiency of bodies, the expansion of consciousness, Intelligence Increase.

The human being is the robot carrier of a large brain, conscious of being conscious. A robot designed to discover the circuitry which programs its behavior.

The human being is the robot carrier of a large brain, conscious of being conscious.

A robot designed to discover the circuitry which programs its behavior. The nervous system is the instrument of consciousness. When mankind discovered the function and infinite capacities of the nervous system, a mutation took place. The metamorphosis from larval earth-life to a higher destiny. The person who has made this discovery becomes a time-traveler. A Psy-Phy entity. When Astronaut Mitchell saw the blue jewel of earth against the black velvet expanse of interstellar distance, he became Psi-Phy. Ecology is a low-level distraction. Psi-Phy boy scouts picking up trash. The genetic goal is communication. Telepathy. Electronic sexuality. Reception and trans-

mission of electromagnetic waves. The erotics of resonance. The entire universe is gently, rhythmically, joyously vibrating. Cosmic intercourse.

This is a message of hope and interstellar love from the Black Hole. Irrepressible optimism. Yes, it is true that repressive pessimists now (1973) control planetary politics.

This is a larval phase. Life has been evolving for three and a half billion years and has just reached the half-way point.

This message of neurological resonance can be censored, imprisoned but cannot be crushed because it comes from within, from the DNA nucleus inside each cell. From the evolving nervous system. The Higher Intelligence has been seeded on planet earth and its script is writ within our bodies, emerging in every generation.

In 1963, we began searching for a spot on this planet where a station could be set up for time experiments. In that year, we were expelled from Harvard, from Mexico, Dominica, Antigua. No crimes alleged or committed. Just too much energy transmitted. Blew out the local fuses.

In 1966, G. Gordon Liddy led several midnight raids, helicopter assaults on our center at Millbrook, New York. We were literally under siege. No evidence of illegal activity was found, but I was forced to leave the county. G. Gordon Liddy went straight to the White House on the basis of this harassment. The relentless web of Karma. Thus, I helped to create Watergate. Howard Hunt was a White House narcotic's expert, directing the campaign of surveillance, raids, and arrests, which eventually drove me to exile in Algeria and Switzerland.

Too much energy. Keith Richards and Anita reported the same problem. Exiles on Main Street. The only solution seemed to be a boat. A new society of timeships, sailing the high seas. The Noah myth. Premonitory preparation for the emigration from planet earth. Load the boat with transmitting equipment. Radio Free Earth.

At the Kabul airport the official from the American embassy grabbed my passport illegally and the Afghani police busted me for not having a passport. We were kept un-

/ sat in the dim light of solitary confinement and wrote a complete systematic philosophy: cosmology, politics, epistemology, ethic, aesthetic, ontology, and the most hopeful eschatology ever specified.

der armed guard for three days and driven to the airport. The Afghani policeman wept and the Army Major told me the pilot of the airplane would return my passport.

Armed American police agents escorted me back to prison. Dumped in a solitary confinement cell for four months I wrote Neurologic. At the escape trial I testified under oath that I felt like a man from the 21st century being boiled in a pot by superstitious savages. Now is the time in the Sci-Fi books for the cosmic intelligence agency to send the extra-planetary rescue ship.

The first time I visited the Folsom Prison library I picked up Lovell's book on outer space. The last chapter presents a drawing of the remnant of a living organism found on a meteorite. A nucleic acid molecule. The first

signal from extra-terrestrial life. Help is on the way. Prisoners began to etch the design on silver pins and leatherwork handcrafted in the hobby shop. We called it STARSEED. The symbol of Psi-Phy.

In early July the New York Times carried a story about a newly discovered comet entering the solar system. Unexpected. Named after its finder, an East European astronomer, it would be visible during the fall of 1973 with a brilliance greater than the full moon.

Here was the greatest astronomical event in recorded history appearing right on schedule. We named it Starseed, new light, new life, bright reminder of our extra-terrestrial origin and future. Symbol of freedom.

As the weeks went by a curious fact emerged. There was no more publicity about Starseed. Nothing in the scientific magazines in the prison library. No one else had read about it. I wondered if I had dreamt it out of longing anticipation. Mysterious. Why so little publicity about the greatest light in the sky? Since returning to the United States many other mysterious things had happened. Watergate began to leak two days after my incarceration. The United States began to sink in the swamp. The dollar collapsed. Food shortages. Energy crisis. Even the King of Afghanistan took a dive. Was it possible that the American government had kidnapped me back to help out? The worst thing to observe was the mental depression, the cerebral pollution. No one was speaking clearly about what was happening. No new solutions. A glum stagnation. A damp nostalgia. A frivolous melancholia. Prison provides a clear perspective. I sat in the dim light of solitary confinement and wrote a

complete systematic philosophy:  
cosmology, politic, epistemology, ethic, aesthetic,  
ontology, and the most hopeful  
eschatology ever specified. I kept telling other  
prisoners: society can't take care of it-  
self, so it can't take care of us. It's up to us to  
provide the vision. It always happens this  
way. New light from the Black Hole.

There exists a repression, a taboo about facing the  
implica-  
tions of the recent scientific findings which compel a  
total  
revision of our concepts of life and of human nature.

And nobody said anything about the comet.

Then Paul Kantner sent in a report:

"On March 7, 1973, Dr. Lubos Kohoutek, a  
Czechoslovakian astronomer, at Hamburg  
Observatory, Bergedorf, West Germany, discovered a new  
comet. As with most  
modern discoveries, this one was made  
photographically. Later, a prediscovery image  
plus numerous subsequent ones have enabled astronomers  
to compute the comet's  
orbit with considerable precision.

"During July through September, it will be too close  
to the sun's direction for optical  
observation, but in mid-October, at a distance of  
about 168 million miles from the sun,  
its brightness should increase to a magnitude of  
between 8 and 12. From then on it  
should brighten quickly and is expected to reach naked  
eye visibility about mid-  
November. It will then be in the morning sky, in the  
south-east, about two hours before  
the sun (from San Francisco).

"It is not possible to predict with precision what  
form the comet's tail will take nor

what brightness it will attain, but indications are that it will exceed that of Halley's comet, last seen in 1910 and not due again until 1986. There is a possibility that its magnitude at perihelion (closest to the sun <sup>^x</sup> only about 13 million miles) may approach that of the full moon, making it one of the brightest ever seen by man."

This confirmed the coming but renewed the question: why the silence, the lack of interest? The newspapers were filled with stories anticipating the advent of the football season. Another sign of the times. The philosophic perspective has been lost. There exists a repression, a taboo about facing the implications of recent scientific findings which compels a total revision of our concepts of life and of human nature. Einstein's equations. Nuclear energy. The revelation of DNA code as literally a code to be deciphered. Neurological imprinting. Anti-matter. Humanity clings to the old myths, avoids the new truths.

It happened before.

"Towards the end of the sixteenth century, Giordano Bruno aroused the groggy world, asking it to fling its mind far beyond the planets. He speculated that the cosmos extended to infinity.

"This in itself was not so shocking: but Bruno went considerably farther <sup>^x</sup> he postulated a multiplicity of worlds: suns and planets with life, unseen companions for the race of man. He toyed with man's conception of himself: for this, and for magical claims and political entanglements, he was burned in 1600." The Discovery of Our Galaxy, Charles Whitney.

## Starseed: A Psy-Phy Comet Tale

It is likely that extra-terrestrial signals will be received by the instrument which has evolved over three billion years to pick up electro-magnetic vibrations. The human brain itself.

"Shortly before Bruno's death, in 1600, Tycho Brahe made the first announcement of a 'new' star in the sky. A few years later he observed a comet, and proved that it moved among the planets, thus he shattered the crystalline spheres which had been supposed to carry the planets and stars about the heavens."

Tycho's star set off excited controversy because it forced a change in the cosmology. Current theories held that the stars were fixed. But the new evidence was there flashing in the sky. The stars moved. Cosmology is not a peripheral hobby, speciality of scientific experts. Every aspect of human life is based on the answers to the cosmological questions: where did we come from? Where are we going? Tycho's star appeared exactly where Christendom was unsettled by the Reformation. Luther's challenge to the immovability of Catholic theology. You could get busted those days as Galileo discovered, for advocating the idea that the earth moved.

We recall the irritation of the Air Force with U.F.O. reports. The negative finding of the Condon report that no extra-terrestrial sightings had been confirmed, was not surprising. What disturbed was the obvious emotional bias, the fact, and this is the crucial experimental datum, that the Air Force didn't want people thinking about extra-

terrestrial intervention. Just as the Catholic hierarchy and its Scholastic philosophers four hundred years ago didn't want people thinking that the stars might move. The ancient, basic cosmological fears and hopes. If you start speculating about Higher Intelligence visiting planet earth, a galaxy of embarrassing issues get raised. What would the celestial visitors think of how we are running the planet? Whose selfish securities and biased superiorities would be threatened?

The Air Force U.F.O. study included, indeed, emphasized, a factor which infuriated the "flying saucer" partisans. A team of psychologists studied the personalities of those who reported the sightings. How clever of the Air Force to suggest that those whose cosmologies, however vague, included the possibility of extra-terrestrial intelligence, were themselves "kooks." In wider perspective, we can only endorse the Air Force psycho-diagnostic attempt. It may be that the contact with extra-planetary intelligence, the discovery of the master plan will not come via radio telescopic contact. And certainly the anticipation of "saucers" transporting humanoid bodies is naive. It is more likely that extra-planetary contact will be received by the instrument which has evolved over three and a half billion years ago to pick up electro-magnetic vibrations. The human nervous system itself. The Air Force psychiatrists might have done better if, instead of administering Rorschach personality tests, they had performed intensive

"The simplest thing would be for them to kill you."  
"No," I said, "the technique now is to say that the dissenter is crazy."

neurological examinations, brainwave studies on the



wild-eyed "saucer-sighters."

Maybe some of the kooks carry nervous systems receptive to a broader spectrum of electro-magnetic impulses?

I am standing in the main yard at Folsom Prison talking to a group of inmates about the Starseed conspiracy story. There is enthusiastic laughter about the Psi-Phy possibilities. We are being watched from five gun-towers by guards armed with high-powered rifles, who scan the yard with binoculars. They are especially worried when a group of convicts clusters in conversation.

Every prisoner has, during long lonely night hours, scanned the liberating possibilities of catastrophe. Folsom is near the San Andreas fault. What if nuclear war is declared?

Johnny James, a tough guy, clubs down hope. "The guards have instructions. In case of catastrophe the orders are to lock inmates in their cells and abandon the prison." Folsom Prison is half a mile below the Folsom Dam.

It is agreed that I should send out a message posing the Starseed questions. Could there be a secret conspiracy to censor extra-planetary contact? Thoughts of Dallas, Sirhan, Martin Luther King, My Lai, Cambodia, Liddy, Hunt, Haldeman, and Ehrlichman run through neural pathways. Many inmates are convinced that Hunt will never live to testify; that "they" are planning to have me killed if I start broadcasting any messages.

Walking back to the cell-block Chaslon says, "Do you know that the odds on your getting offed may have just jumped a hundred times?"

Michel-Gustav Hauchard, French swindler  
extraordinaire, my protector-sponsor in  
Switzerland, friend of J. Edgar Hoover, and admitted  
CIA contact, used to muse aloud:  
"The simplest thing would be for them to kill you."

"No." I said, "the technique now is to say the  
dissenter is crazy. Anyone who op-  
poses the monolithic system must be crazy."

The old menopausal-Stoic view of galaxies as quiescent  
swirls of stars, gas and dust  
is giving way; signs of creative upheaval are  
everywhere. Stepping stones in the pool of  
time popping up and disappearing. When Black Holes  
find their places in cosmology  
(and local politics), neurologicians will have written  
the most complete revision of the  
creation story since the days of the first ancients.

Cosmologist Hyde now suggests that creation emerges,  
not uniformly throughout  
the universe, but in regions of high density and  
intense activity, such as a developing  
Black Hole. Contractions and expansions take place at  
scattered points within the

In case of catastrophe the orders are to lock inmates  
in  
their cells and abandon the prison.

universe. Astronomers used to think that the radiation  
which energizes the universe  
originated from one Big Bang. Now it seems possible to  
explain creation as the  
product of Black Holes.

The comet Kohoutek could mean nothing or it could mean  
everything. It could be a  
reminder that this planet is just a brief crumbling  
stepping stone in the voyage of life  
across the galaxies. That the Higher Intelligence has  
already established itself on ear-

th, writ its testament within our cells, decipherable by our nervous system. That it's about time to mutate. Create and transmit the new philosophy.

Behold a great light appears in the sky. The offer is made. The signal is flashed. Resonate with it or die eye-ground and bored.

Bob Hyde, the strongest, wisest man in the prison system, who has sold a lot of used cars in his time, scanned this print-out and shook his head.

"Too general and inspirational. Thousands of years from now they'll point to your Starseed signal as the most intelligent signal from the twentieth century. But right now people are confused. They want to be told what to do. Something to give their time and money to. Like Ralph Nader."

"Ralph Nader is a monster. A puritanical, moralistic, efficiency robot. We're offering the first true, hopeful cosmology in history. We gave them their nervous systems. More practical and useful than the wheel. We gave them a sign of rebirth in the sky and a Starseed symbol and showed them how to activate and hook-up their circuitry. We liberated them to ecstasy."

"Not enough," said Hyde, who once sold two hundred repainted Philadelphia taxis in Holyoke, Massachusetts. "They want everything, but they want to pay for it. Your mistake was to give it free. They want to be told what to do."

"Let's try again," I said.

"Let's see what happens when the comet appears," I said.

But how could prisoners see the comet? At Folsom prisoners are ordered off the yard at 3:30 p.m. and spend the next 17 hours locked in their cells.

We stood around the yard discussing petitions and legal writs that would permit prisoners out of their cells at night to view the comet.

But the comet failed to show. As November changed to December, to the rains of January, newspapers reported that Kohoutek, far from full-moon brilliance, was invisible to the naked eye.

One morning at five, I was awakened by a guard rattling the cell bars and ordered to the custody office where two federal marshalls waited. "You've been subpoenaed to

We gave them the first true, hopeful cosmology in history. We gave them their nervous systems. More practical and useful than the wheel.

testify in Federal Court. We're taking you to the San Francisco County jail."

"What a drag," I said, "that's the most fucked jail in the state."

"Yeah, I know," said a marshall, "but at least you'll get to see the sunrise on the way."

Sunrise? The comet was scheduled to be seen just before dawn. Maybe this was a heaven-beckoning chance to see the comet.

So it happened that I sat handcuffed and leg-shackled

in the rear of the marshall's car as it rolled along the East Bay freeway crunching down to look up at the Berkeley hills (where I had lived for 15 years) and the eastern sky.

Nothing to see. The dark night blue faded to silver dawn and sunlight flushed the sky pink^×but no comet to be seen.

A week later, standing on the yard at Folsom, I was approached by Stupid Stan, burly, giant sub-leader of the Hell's Angels.

"Hey man, what's happening?"

"I'm dealing from my own hand," I replied.

"Out-a-sight," replied Stupid Stan.

"How you doing, man?" I asked.

"Out-a-sight," said Stupid Stan.

"Nice weather," I said.

"An out-a-sight day," agreed Stupid Stan. "Hey man, I just thought of something.

You remember telling me about that comet that was going to be brighter than the full moon and fill up half the sky? I been looking out of my cell at night and I ain't seen nothing. What happened? Did someone forget to pay the light bill?"

"It turned out to be an out-a-sight comet," I replied.

"Well that's the way 1973 seems to be coming down," said Stupid Stan shaking his head. "Maybe next year, huh Tim?"

"Maybe next year," I said.

## Conversations with Higher Intelligence

July 1976

At Large in U.S.A.

Commodore Timothy Leri (agent for Central Intelligence assigned to mutational duty on planet earth) awoke, opened his eyes and found himself once again in a prison cell. This time it was Vacaville. his light-emitting diode flashed 8:00 a.m., Pacific Time. The year was 29 P.H. (Post-Hiroshima).

The Commodore yawned and stretched comfortably. He had been on the planet some 3.2 billion years and was enjoying his middle age.

On the metal table next to his bunk he saw the Wall Street Journal, brought silently every morning by Everett (stock fraud).

Leri rose, picked up the ceramic cup containing coffee crystal, sugar and powdered cream, walked to the wash room and stirred in steaming hot water.

Returning to his bunk he opened the brown paper bag and selected a warm, fresh-baked Danish roll redolent with melted butter and topped by strawberry jam. The rolls had been smuggled out of the prison bakery by Marshall (heroin sales).

>From a silver, Chinese-inscribed case made in the prison hobby shop by Manolo (marijuana sales), he withdrew a cigarette<sup>^</sup>tailor-rolled to his particular taste<sup>^</sup>× one half Bugler for body, one quarter pipe-mix for bite, one quarter Kite for a dash of mint.

He inhaled the luxurious, rich smoke and felt welcome

nicotine buzz his neural equipment. The Danish roll crumbled sweetly on his tongue and the coffee soothed his throat.

"Aren't you prepared to talk to U.F.O.'s when they arrive?  
Don't you really believe in Extraterrestrial Intelligence?"

After shaving, the Commodore patted his face with the electric-sting and Byzantine scent of Chanel #5 smuggled into the prison by Jackie Dee, the cell-block barber (forgery) and turned to greet Tony (heroin possession), who was paid a carton a week to clean the cell.

Tony leaned on his broom and initiated the daily metaphysical conversation ^× flying saucers, Jean Dixon, Chariots of the Gods, Swami Booboodananda, Kirlian photography, Uri Geller's key-bending, pyramid magic and reincarnation.

The Commodore's brain informed his nine laryngeal muscles that it was time to talk more rigorously to Tony.

"Tony, I want to speak to you about something important. Are you ready?"

"Sure thing, Doc," replied Tony grinning.

"Okay. Dig this. Suppose you are walking out on the prison yard all by yourself and suddenly, KAZAMI down comes a flying saucer right in front of you. Got it?"

"Yeah," murmured Tony, his eyes wide open.

"And a silver stair case unfolds with a ruby-jeweled carpet and a platinum hand

railing. And down walks a Superior Creature from the center of the galaxy, shining with light and wisdom.

"Whew! Far out!" murmured Tony.

"And this beautiful voice says, 'Tony, we have come trillions of light years and descended down, down into the ocean of your atmosphere to where you humans are crawling around on this swamp bottom. We have come down here to help you. And to begin, we'll answer any three questions you'd like to ask us.'"

Tony's eyes bulged and he laughed uneasily.

"That's far out, doc. Say, do you believe in flying saucers?"

The Commodore's eyes flashed in mock sternness. He took two steps toward Tony and spoke in a firm voice: "Tony! Pay attention! Once in a life-time! Three questions, Tony. What do you want to ask Higher Intelligence?"

Tony's gaze fell to the unswept floor. He shuffled uneasily. After a long pause he spoke reluctantly.

"Say, Doc, are you going to the movies tonite? It's a John Wayne western!"

"Tony!" exclaimed Commodore Leri. "Don't you have any questions to ask Higher Intelligence? All this occult reading! And all these conversations about metaphysics! And you aren't even prepared to talk to U.F.O.'s when they arrive? Don't you really believe in Extraterrestrial Intelligence?"

They say they can travel throughout our galaxy instantan-



eously using faster-than-light methods which they are going to teach to our quantum physicists. What's your second question?

"Sure I do."

"But you don't have your questions ready?"

Tony grinned sheepishly.

"Tell you what we'll do," continued the implacable Commodore. "You think about it and tonite you write down three questions. You bring them to me tomorrow and I'll see if I can get you the answers."

The next morning Tony failed to show up to clean the cell until after Leri had left for his prison job. That afternoon when they met in the mainline corridor the challenge was repeated. The following morning Tony dutifully brought his three questions.

"Well, my first question to Higher Intelligence is, how did you get here?"

The Commodore closed his eyes for a long minute and then spoke. "Okay, I just picked up their answer on my neural transceiver. They say they can travel throughout our galaxy instantaneously using faster-than-light methods which they are going to teach to our quantum physicists. What's your second question?"

"Well, next I want to know if they have atom bombs that they are going to drop on us."

The Commodore closed his eyes again and then spoke. "They say that they can use nuclear energies and many other, more powerful sources

which they will teach us, but  
that they will use these forces only to heal and help.  
There is nothing to fear."

"Gee, that's great," said Tony in obvious relief. "My  
next question has to do with  
Christ. Ask them if Jesus is going to return to save  
us."

The Commodore closed his eyes again and then spoke.  
"They say that nothing much  
can happen in the atmosphere swamp of a planet; that  
we must use our scientific  
knowledge to join them up there. They said to remind  
you, Tony, that Christ said that  
our kingdom was not of this world."

The rug in front of the radio executive's apartment  
door was inscribed with Jewish  
letters and a mezuzah was fixed to the door frame.

Schwartzman was young, plump and very pleased with  
himself. The Commodore  
declined lunch and drank apple juice while Schwartzman  
gorged himself on pickled  
fish, fried squash, spicy potato salad and rye bread.  
With a sigh of satiation the radio  
executive patted his mouth with a napkin and smiled in  
princely invitation.

"So you have a script for a radio show. So tell me."

"My proposal," said Commodore Leri, "is frankly  
modeled after the one event in the

"/ mean that we'll dramatically announce on network  
radio  
that we've contacted Higher Intelligence from Outer  
Space  
and we'll invite listener questions and then we'll  
answer them  
on the basis of scientific fact."

long history of radio-television that totally grabbed its audience, shook people up and changed their behavior. Do you know which epochal broadcast I'm thinking about?"

"Of course," said Schwartzman with a patronizing smile. "Orson Welles' War of the Worlds."

"Precisely. I've asked hundreds of people to name the most powerful media signal ever sent out and everyone comes up with that same answer. The Mars invasion. And that's my ambition. To do another Orson Welles, but better."

"Better?" said Schwartzman, frowning. "I doubt very much if it can be done at all. Government regulations and FCC supervision. I don't see that its possible."

"It can be done, if it avoids the two drawbacks of the Orson Welles script. First of all, the original was a negative trip. The extraterrestrials were hostile and powerfully dangerous. That caused that panic that the FCC worries about. And second, it was make believe. The script was based on a science fiction tale by H.G. Wells. What I have in mind is a program which convincingly contacts an Extraterrestrial Intelligence which is helpful, loving, and which generates uncontrollable joy and inspiration in the listeners. How can the government object to that?"

Schwartzman frowned and lit a filter-tipped Kool cigarette. "Uncontrollable joy?" he murmured dubiously.

"And the second improvement we'd make in the Orson Welles script is this: the event would be science faction."

Schwartzman puffed fiercely on his cigarette and coughed challengingly. "Science fiction? What's that?"

"I mean that we'll dramatically announce on network radio that we've contacted Higher Intelligence from Outer Space and we'll invite listener questions and then we'll answer them on the basis of scientific fact."

"But that's a fraud," sputtered Schwartzman. "You haven't really contacted Higher Intelligence."

"Ah," replied the Commodore, "who can be sure? Even those of us who are transmitting the signals won't know. The facts which science can now produce about the basic philosophic questions are far beyond and above what is routinely transmitted by the media <sup>^x</sup> as far beyond Walter Cronkite as he is beyond the cave man. Science fiction is stranger than fiction."

"No, it won't go," said Schwartzman shaking his head. "Facts are boring and don't sell. To give you the hard, marketing truth, facts are not believable these days. There's no interest there."

"But how can I double my intelligence?" protested Schwartzman. "Perhaps that should have been your first question," replied Leri, continuing to smile.

"Well, let me try it out on you. Are you ready? Zap!" exclaimed Leri, clapping his hands in front of the astonished radio executive's face. "Here is Higher intelligence on the line! What three questions do you have?"

The forces of one-G gravity tugged on Schwartzman's

sagging facial muscles and his red tongue extended, lizard-like over his juicy lower lip. Then he smiled slyly.

"Well, first I want to know the time of my death."

Leri responded without hesitation: "The answer to that question is simple ^× Higher Intelligence says that you need not die! That terrestrial science already knows enough to prolong your life-time indefinitely."

"Why that's horrible," replied Schwartzman angrily. "The purpose of life is to die."

"The answers from above are not guaranteed to please. What's your second question?"

Schwartzman smiled broadly. "My second question is easy. When will I make a million dollars?"

"And the answer is easy," assured the Commodore. "You'll make a million dollars within a year if you syndicate these Conversations with Higher Intelligence. What's your final question?"

"Hmmm. Let me think," said the radio executive, fumbling with the green and white cigarette package. "How can I cope with the emotional problems of life?"

"Higher Intelligence says that you can only cope with your emotional problems by becoming twice as intelligent," said the Commodore with a smile.

"But how can I double my intelligence?" protested Schwartzman.

"Perhaps that should have been your first question,"

replied Leri, continuing to smile. "I must say, your Questions were quite materialistic. You know, sometimes people ask scientific questions, like the formula for exceeding the speed of light and so forth."

"Well, I'm a very materialistic person," said the radio executive.

Gabriel Wisdom, disc jockey for KGB-San Diego, skillfully parked his Datsun station wagon on a cliff above the beach.

"We can walk from here. Shall we take surf boards?"

"No. We'll body surf the brain waves today," replied the Commodore as he stepped out of the car.

Both men were dressed in swimming trunks and both were tanned darkly. Wisdom's hair, beard and body fuzz bleached to blonde and Leri's silver and black. They walked

"How are we going to get the voice of Higher Intelligence on tape?"

along the sidewalk, hot against the soles of their feet, and then climbed down the steep cliff. The secluded beach was deserted except for groups of surfers, Southern California men with long blonde hair and bodies polished and smoothed by the incessant massage of sand and sea. And women with long, smooth cocoa limbs who casually floated by to chat affectionately with the disc jockey and the Agent from Central Intelligence, both of whom were legendary figures to the graceful shoreline creatures.

"Surfers understand the nature of energy better than any other group," said Gabriel Wisdom walking along the shore. "No guru or swami, no other yoga is so pure and precise. And they all love you."

"That's because I'm a surfer too. Riding the waves of evolution. It's the simplest job to be a visionary prophet. Just open your eyes and see how the next genetic wave is coming in."

"And ride it in," said Wisdom, laughing.

"Without getting trapped or confused, by the ebb-tide between waves."

"Like the Nixon reaction?" said Wisdom. "When is the next wave coming?"

"Soon," said the Commodore. Can't you feel it gathering? And its going to be a big one. It will make the 60's look like a ripple."

The two men had walked the length of the beach and stood at the edge of a wide platform of black stone stained with bright green moss. They watched sea rush into narrow crevice, surge up through blowhole with high, feathery spumes of white covering bodies of children and surfers sitting against the cliff, shouting and laughing with wet shock.

The disc jockey and the Commodore sat on the sand with their backs against the cliff.

"I have only one technical question," said Gabriel Wisdom. "I can do the newscaster who interrupts the regular program to announce that Higher Intelligence is sending radio messages to a 13-year-old kid in Los Alamos. And

we'll tape the kid's voice by phone. And you'll play the on-the-spot correspondent. But how are we going to get the voice of Higher Intelligence on tape?"

"I've always assumed that the Voice of Higher Intelligence would be female."

Gabriel Wisdom laughed with pleasure. "Or how about the voice of a child?"

Both men laughed. The Commodore was stroking the warm sand with his hand.

"And another question...! mean...how is it going to sound...I mean it's gotta sound real...how is it going to be real?"

'He's good,' thought Leri. 'He's an actor. And he plays with his throat like a stringed instrument. No, more than that, like a sexual organ.'

"You know," said the Commodore, "I love this here. The sea, the sand, and the hot caress of the sun on my skin. This is the way to work. Don't you feel the same way?"

"I guess I take it for granted," replied Wisdom.

"But it's going to be real," said Leri. "The human brain is a transceiver. It's basic function is to pick up and transmit signals from Higher Intelligence. If we can just set up the right conditions and get a brain open to transceive."

The Commodore stood just before midnight in the center of the broadcasting studio of KGB. Behind him, the News Room was dark. To his right, through the window, he could see Gabriel Wisdom seated in front of console



panels twisting dials, selecting records, speaking in a low mellow voice to the AM audience. To his left through the glass he could see Michael Sheehy in the FM booth spinning rock and roll.

At midnight both announcers emerged from their booths, Gabriel disappearing in a production room to tape the late news. Michael Sheehy, retiring to another production room to tape a shoe-store commercial, waved Leri to follow.

The Commodore watched from the door as Sheehy, earphones over his head, sat in front of the console, mouth ten inches away from the obscenely bulbous, foam-padded microphone. Sheehy cleared his throat, rocking gently back and forth, crooning into the mike he psyched himself in a trance-like voice pouring out sonorous, majestic poetry about the Everlast Shoe Line.

He's good, thought Leri. He's an actor. And he plays with his throat like a stringed instrument. No, more than that, like a sexual organ. When the red, NOW^xRECORDING light blinked out Wisdom opened the door and motioned to the Commodore.

The two men walked to the new production room, where the fifteen-year old boy was waiting.

"Have you read over your script?" asked Gabriel.

The boy nodded tensely.

He's nervous, thought Leri. That's good. He has every reason to be.

The boy sat in front of the console. Gabriel fiddled with the dials and punched the

tape buttons making loud clicking sounds. He nodded ready. Leri read the cue lines and the boy addressed his welcome to Higher Intelligence.

When the boy was finished Leri took his place and read his lines interviewing the boy.

Gabriel punched the rewind button and the tape spun back with a whining screech. The two men and the boy listened to the interview.

"Remember," said the Commodore, "you're a billion miles away and you're right here in our window pane. You're an ancient creature of the galaxy.

Wisdom hit the rewind button and nodded. "That stuff is good. I can edit it smoothly, dub in the background excitement noises, murmur of voices and so forth. And I can do the breathless newscaster. But we still need the voice of Higher Intelligence.

At that moment the door to the studio opened and Sheehy walked in.

He's your basic, successful hip talent, thought the Commodore. Super-skeptical. Totally cynical about hype. A fine audio craftsman. But jaded. Turned on, but no where to tune it in. And he's Irish. That's a break. The Catholics are the only ones who really believe in heaven and immortality.

"Tell me, Sheehy. How would you like to be the voice of Higher Intelligence from Outer Space?"

Sheehy nodded with a grin and moved to the chair in front of the mike.

"Why not? Let's give it a try."

Commodore Leri handed the script to the disc jockey. Sheehy began reading. Leafing through the pages he smiled, nodded, then broke out into a laugh.

"This is heavy stuff," he said. "You know, we could add an echo, just a tiny bit to give it texture and phase over it to give a hollow, wavering, interstellar effect."

Gabriel Wisdom nodded and strung a fresh tape through the recording machine. Sheehy cleared his voice and leaned towards the mike. Leri and the boy stood in front of him watching intently.

Sheehy began to read the script softly, adjusting sound levels. He closed his eyes and repeated the lines. Then he looked up.

"Would you mind moving back out of my line of vision? I want to get myself into this part."

"Remember," said the Commodore, "you're a billion miles away and you're right here in our window pane. You're an ancient creature of the galaxy. You're the great Mother-Father in the sky talking down to this infant race. Teaching these children whom you love and cherish."

Sheehy nodded and started putting himself into trance, reading and re-reading the first lines, slowly increasing the volume, juicing up the vibrato, the sonority. Your omniscient, genial, all-wise radio voice laying it down. Suddenly he broke off.

"Look, I'm having some trouble reading the pencil

additions. Could we have the script typed on the big machine in the news room?

Leri nodded and took the script into the news-room. He sat in front of the manual typewriter and slowly, precisely tapped out the first speech from Higher Intelligence in giant script of the cue-print machine. He ripped the first speech out of the machine and

Sheehy stood transfixed, his mouth half open in amazement.

"You know," he said slowly, "I'm a believer. That sounds real to me."

rushed to the studio. Sheehy took it without a word and turned to the mike, vanishing into auto-hypnotic trance.

Leri returned to the newsroom to type the next speech.

For the next half hour the routine continued, Sheehy taking each speech, losing himself in some neural tract between brain and vocal cords.

When the last transmission was finished Sheehy pushed back from the mike, took a deep breath, and turned to the tape, flicking the rewind button. "This thing is getting me more and more involved," he said to Wisdom. "Let me dub in the phasing."

Headphones circling his face, hands twisting the dials, Sheehy sat listening with a faint smile on his face.

"Okay. Let me rewind and we'll listen to what God has wrought." Sheehy stood, removed the headphones and walked to the recording console. The Commodore, Wisdom, and the Kid waited while the rewind tape

whined. When it flicked to stop, Sheehy punched 'Play' and the small room cornered by quadrophonic speakers suddenly boomed with thunderous sound-waves amplified by electromagnetic power.

HELLO PLANET EARTH. THIS MESSAGE IS BEING SENT FROM THE CENTER OF YOUR GALAXY. CONGRATULATIONS. LIFE ON SOL-3 HAS NOW EVOLVED TO THE POINT WHERE THE HUMAN RACE IS READY TO COMMUNICATE WITH YOUR NEIGHBORS, LEAVE YOUR TINY, RESTRICTING WOMB PLANET, AND JOIN THE GALACTIC COMMUNITY. THIS IS A MOMENT OF GREAT CELEBRATION FOR US WHO HAVE WATCHED YOU GROW...AND IT IS A GREAT MOMENT FOR YOU WHO ARE ABOUT TO GRADUATE TO A HIGHER LEVEL. THE HUMAN RACE, AS AGENT FOR ALL LIFE ON YOUR PLANET, IS NOW ABLE TO LEAVE THE WOMB AND TO BE REBORN AS GALACTIC CITIZENS. WE, YOUR NEIGHBORS AND RELATIVES, SHALL BE TEACHING YOU, HELPING YOU GROW. YOU, AT STATION KGB, HAVE BEEN SELECTED TO ACT AS RADIO CONTACT, TO RECEIVE AND SEND SIGNALS BETWEEN THE HUMAN RACE AND YOUR FRIENDS OUT HERE.

Sheehy stood transfixed, his mouth half open in amazement. "You know," he said slowly, "I'm a believer. That sounds real to me."

"It figures," said the Commodore dryly. "Galactic Intelligence naturally assumes the voice of a radio announcer."

"Is this going to be aired?" asked Sheehy.

"We plan to get it syndicated," replied Gabriel Wisdom cheerfully. "We're going to ask all the listeners to write in and ask three

questions of Higher Intelligence."

"Why not," added Commodore Leri. "Everyone I know is bored at the level of conver-

Conversations with Higher Intelligence

Sheehy stood silent, frowning. "You know...some religious people might not like this. It's too...authentic. We could get in trouble with this."

sation down here. We think that a lot of people are ready to start talking to Higher Intelligence. It's like tennis. You're better off playing with someone better than yourself."

Sheehy stood silent, frowning. "You know...some religious people might not like this. It's too...authentic. We could get in trouble with this."

"Not we," said the Commodore, smiling. "You could get in trouble. I've been through that scene already and my dues for the broadcasting unions are paid in full. This time I'm just going to write the script."

Sheehy laughed. Everyone laughed.

War and Centralization  
as Necessary Prelude to Space Migration

March 1976  
Federal Prison San Diego

Post-technological civilization now faces in the most practical, market-place form, basic directional species questions which formerly could be relegated to ivory-tower philosophers.

"Hey there, you driving down the freeway. What is the purpose of life?"

"And you there, kicking back to read this chapter. What is the goal of evolution? Where are we going?"

Before 1945 (and today in countries which have not yet mastered the technologies of the 20th century), four less philosophic issues have kept our species ener-genetically preoccupied:

1. Bio-Survival: "How do I stay alive?"
2. Territorial-Expansion and Control: "If we don't fight them in Vietnam we'll have to fight them here at home."
3. Technological Competition: Russian Sputniks, Japanese Cameras, German VW's.
4. Cultural Homogenization: 150 million Americans ^× regardless of race, creed, color, sex or national origin ^× watching Kojak. 150 million Europeans watching Kojak. 150 million Russians reading Pravda's denunciations of Kojak.

These four challenges to survival on this planet have now been solved.

#### 1. Bio-Survival Is No Longer an Issue

Bio-survival is the first goal of every species. When faced with starvation or threatened by violent attack neither the wolf nor the domesticated ape wonders about the

In "Gravity's Rainbow" Thomas Pynchon brilliantly demonstrates how neuro-technology became the motivating force

behind the seemingly irrational convulsions of the 20th century.

goal of evolution. The issue is to stay alive. Now, however, medicine, public health and technological agriculture have dramatically increased life expectancy. Even war has been eliminated as a species threat. In its boredom and crowded abundance, post-technological society has had to invent bio-survival fears which are transmitted by the entertainment industry to titillate the protected. Crime shows. Detective novels. Horror movies. Scary roller coasters. Jaws. Car racing. Conspiracy theories. Swine flu panics. Glamorized highjackings and Entebbe raids. Ecological doomsdaying.

Now that science has almost eliminated the causes of bio-survival insecurity, the navigational question returns: "You there reclining in comfort reading this essay: answer me, survival for what?"

## 2. Territorial Expansion and Control Are No Longer Goals of the Human Species

During the last 2000 years the population of our species has increased in number and expanded in geographical spread. Up until 1900, politics <sup>^</sup>× i.e. neuromuscular mastery of territory and other humans (slavery in its many forms)<sup>^</sup>×preoccupied human consciousness.

The great political conflicts <sup>^</sup>× war, conquest and enslavement <sup>^</sup>× were, some say, necessary to neural evolution. Xenophobia (i.e. territorial jealousy) may be a natural phase through which mammalian species must pass.

Political ideology<sup>^</sup>×nationalism, imperialism, class struggle<sup>^</sup>×as a goal of life is



now obsolete. Police and military control assure that there will be no more big conquests or dramatic revolutions involving industrialized countries. Surely it is obvious that almost every civilized country now has the land and the government its people desire. The Chinese like insectoid Maoism. The Russian people adore authoritarian centralization. We Americans apparently prefer the televised popularity contest.

(This is not to say that civilized people are happy. Far from it. The more socialized the country, the more morose and bored the quality of life.)

### 3. Technological Competition Is Diminishing

During the 20th century politics was replaced by technological rivalry as the goal of life.

In Gravity's Rainbow Thomas Pynchon brilliantly demonstrates how neuro-technology became the motivating force behind the seemingly irrational convulsion of the 20th century.

The politics and suicidal tactics of World War I seem inexplicable, indeed, almost comic-opera, until one realizes that the real issues were neurogenetic-technological.

...the stages of emerging technology on this planet, including technological warfare, are standard and inevitable stages in the development of nervous systems on nursery planets like our own.

The national competitions of 1914 compelled the antagonist countries to master the

tank, the airplane, radio and the rapid transportation of masses of people.

The political line-ups of World War II seem equally absurd until we understand that the real purpose of the conflict was to stimulate the development of radar, rocketry, synthetic chemistry, atomic fission, long-range naval maneuvers and accelerated aeronautics.

As soon as World War II ended, like magnetized iron-filings, the victorious centralized states immediately and magically lined up in new polarized competitive order. Actually, the Cold War increasingly lost political meaning as America catapulted towards centralized welfare socialism and Russia moved towards a consumer middle class.

The rivalry from 1945 to 1975 really involved nuclear fusion, computer flight control, intercontinental missileery, bio-chemical-genetic research, sophisticated electronics and, most important, space flight.

We see, now, that centralized governments require diligent, competent middle-classes to mobilize the technology necessary for Space Migration, Intelligence Increase and Life Extension (S.M.I2.LE.).

Without totally endorsing Samuel Clemens's technological mysticism ("we grow back bones when it comes back-bone time"), let us consider the possibility that every aspect of neurogenetic evolution has been pre-programmed by DNA, that the stages of emerging technology on this planet, including technological warfare, are standard and inevitable stages in the development of nervous systems on nursery planets like our own.

#### 4. Cultural Homogeneity Is A Dead End

The structures of the evolving human body-brain and the outcomes of its changing interaction with the chemical-physical resources of a routine planet like Sol-3 are galactic constants. It is inevitable that technological societies, even the most communist-Spartan, produce a technical-consumer culture. People who work during the day in computerized factories manufacturing Soviet electronics cannot be expected to return each night to pre-industrial living quarters. Thus does technology create the electroid-homogenized society, almost insectile in its centralization. Urban Russians insist on access to electronically amplified rock and roll and [bootleg] pocket computers.

A centralized consumer civilization is an inevitable evolutionary development. But what is to come? The Russian-Chinese-European-American citizen is approaching the

Growth restriction, back-to-the-earth ecology and zero-population plans are clearly unsatisfactory answers, selfish, defeatist and pessimistic.

point where the next post-technological questions emerge:

Bio-survival for what?

National security, for what?

Technological efficiency, for what?

Consumer-cultural homogeneity, so what?

The four basic terrestrial challenges seem to have been solved. It is clear that the

problems which our species now faces are of a new order ^× over-population, energy shortage, nuclear proliferation, scarcity of resource, a general clogging of the social machinery, aimlessness, boredom, escapism, technological redundancy, hedonic consumerism, narcissistic self development.

In the most advanced nations the first blind and superficial reaction to these problems has been the band-aid policy of "growth-limitation": futile attempts to reduce energy-use, constrict collective aspiration, emphasize internal-hedonic experience (expressed as erosion of the work ethic, sexual preoccupation, oriental mysticism, health faddism and the drug culture).

The peculiar (and perhaps perverse) blindness of the Nixon administration was an attack on all three directions of growth which kept the boom decades (1950-70) going:

^× detente, and the cutback in sophisticated defense research and technological advance

^× the disastrous slow-down of N.A.S.A. and non-military scientific research.

^× The Americanization of the war, i.e. the initiation of civil-war against domestic enemies including the enormous and steadily-increasing hedonic minority.

Nixon left America in a most pregnant state of confusion. The national goals were systematically eroding and, in spite of conservative rhetoric, the work-aesthetic badly damaged by self-indulgent consumerism. Cynicism, pessimism and petty moral meanness (expressed in the expose investigations) produced the currently popular

neo-populist, bland realism of "think small and lower aspirations." Liberals, pacifists and ecologists, we see, are equally to blame for the current American malaise. A slow-down policy can only be rationalized if it is accompanied by an all-out consideration of the question which America must face at this bi-centennial point: where do we want to go? What is the purpose of society and of human life?

Growth restriction, back-to-the-earth ecology and zero-population plans are clearly unsatisfactory answers, selfish, defeatist and pessimistic. Every African and Asian wants technology ^x two cars and color T.V. And they deserve them.

What gets lost in the pessimism is the fact that our species is riding an enormous evolutionary brain-wave, a gigantic upsurge in energy-release which must be designed

Our species is riding an enormous evolutionary brain-wave, a gigantic upsurge in energy-release which must be designed with some goal in mind.

with some goal in mind. All the graphs reveal a sudden explosion of human potential in the last hundred years. At the same time that every other form of mammalian life (except the domesticated) is plummeting to extinction, the human-energy chart takes off in a breath-taking launch.

**INTELLIGENCE INCREASE:** The wave we are riding!

The number of important inventions and discoveries, by century from A.D. 1000 to A.D. 1900 (from Lenski, 1970, reprinted from Sociobiology by E. Wilson). Similar, but even more dramatic diagrams chart the explosive emergence of other indices of neurogenetic

intelligence: altitude and velocity attained by species;  
population growth; communications networks including literacy rates; number of scientists; life-span; specialization of survival tasks; etc., etc.

The Next Goals of Human Life are: S.M.I2.LE.

Exactly at the time when the four problems of terrestrial survival seem to have been solved, centralized civilization has produced three technologies which suggest the next evolutionary goals for our species.

Space Migration relieves population pressure, uplevels territorial conflict, offers humanity unlimited energy and space <sup>^x</sup> not on uninhabitable planets, but in O'Neill's space worlds.

Intelligence Increase: Modern neurology, humanistic psychology and psychopharmacology has, in the last decade, demonstrated that the body-brain is a complex

War and Centralization as Necessary Prelude to Space Migration

All of the sciences provide converging data which point to the certainty that Migration from the earth is the next step in evolution.

bio-chemical instrument which can be understood and used to define new dimensions of consciousness and intelligence.

Knowledge of how the brain creates realities (via imprinting) makes possible self-directed brain-change and reality expansion.

Life Extension: Micro-biology and genetics are

deciphering the DNA code thus providing the possibility of rejuvenation and indefinite Life Extension. Bio-chemists assure us that there is no scientific reason why a healthy person cannot extend her-or-his life span several hundred years. Thus, in addition to unlimited Space and expanded Brain our species now faces the challenge of unlimited Time.

Let us briefly consider the three elements of the S.M.I2.L.E. formula that now compel us to reshape our species philosophy. Space Migration is the Inevitable Next Step in Evolution

The inevitability of Space Migration can be seen clearly when we compute the trajectories of species evolution, of theology, of scientific progress, and social organization. All of these systems seem to point us upwards away from the heavy pull of gravity.

The trend of biological evolution on this planet has been from water, to shoreline, to land, to atmospheric flight. Now, humanity has reached the velocity necessary to escape the G-1 pull. The nervous system has similarly evolved in contelligence. Communication has moved from close-range contact (touch-taste-smell) through distance vision to the present point where light-speed signals are routinely transceived.

Most of the religious revelations and cosmologies which have guided humanity in the past have agreed that the goals of life are to be found in "heaven above." Surely it is no accident that winged angels, celestial realms, messianic descents and ascensions, are basic themes found in almost all theologies. The Higher Intelligence and humanity's destiny has always been located in the sky.

Even such an occult, kabbalistic scheme as the Tarot has been so designed that the first 12 cards portray mundane personages (Emperor, Chariot, Pope) whereas the last ten cards present extra-terrestrial entities.

Science, too, systematically leads human contelligence to the recognition that humans need not be restricted to the heavy-gravity atmosphere of earth, and, indeed, that the surface of a planet is the worst place to operate a technological civilization. All of the sciences provide converging data which point to the certainty that Migration from the earth is the next step in evolution.

Astronomers tell us that there are probably hundreds of millions of planets like ours in our solar system. Life forms on half of these planets, maybe ahead of us in the evolu-

Off the planet surface, on the moon and in the asteroid belt, there awaits unlimited material resources, inexhaustible solar energy and boundless space in which to construct custom-tailored worlds.

tionary process, have presumably migrated from their womb planets and await us to join them in the communication networks of extraplanetary space.

N.A.S.A. committees have confirmed Gerard O'Neill's conclusions that the surface of a planet like ours is emphatically not the place for an accelerating industrial civilization. There are neither the resources nor the energy available down here at the bottom of a four thousand mile gravity swamp to meet the technological and material aspira-



tions of our fellow humans. Off the planet surface, on the moon and in the asteroid belt, there awaits unlimited material resources, inexhaustible solar energy and boundless space in which to construct custom-tailored worlds.

In addition to the evolutionary, the religious and the scientific evidence is the psycho-social impulse to migrate which is manifested in almost every aspect of current pop-culture. It is as though our species senses intuitively that the great mutational movement is about to occur. The fact that two-thirds of the American polled-public believes in the reality of "flying saucers" (in spite of the unconvincing evidence of their existence) does suggest that some sort of a mutational premonition has infiltrated the consciousness of our species.

The sudden popularity of science-fiction books, space movies (Star Wars, Encounter of the Third Kind) and the inexplicable, unquittable grasp of the silly STARTREK series are media phenomena pointing to our aspirations upward. Then too, the hippy-drug-culture movement can be seen as a premature quiver of extraterrestrial consciousness. The sudden mass impulse to "get high," to float, to space-out, to trip, to avoid the "downer" seems to express the new revelation that gravity is the ultimate drag, that the "Fall" in Genesis is literally a fall, that the ultimate energization and discovery of human potential is the process of becoming a "star."

Here, as always, we meet the recurrent paradoxical nature of evolution: in order to attain the ultimate human freedom of space existence, in order to attain the velocity to escape the planet it was necessary to link up in

centralized-collectives. This is the Centralization Paradox ^× the phenomenon which has so confused planetary politics for the last few decades. Capitalistic countries insisting that we must organize to counter Communism. Republican Big-business competing with Democratic Big-Government for control of the centralized economy. It is true that technology has created assembly-line societies ^× insectoid in its harnessing of the individual to the collective goal. But trust in the genetic design (always paradoxical when seen in the short view) may comfort us that centralization and only centralization can organize private enterprise and public structure to produce the enormously complex technology necessary

Until the present time it has been downright dangerous to be too smart or let it be sensed by the collective mind that one was too intelligent.

to migrate from the planet. Despite the campaign rhetoric, the bureaucracies ^× big business and big government ^× are here to stay. The centralization effect cannot be checked. But it can be rationally directed towards our species goal: Space Migration: which in turn offers the only way to re-attain individual freedom of space-time and the small group social structures which obviously best suit our nervous systems. It is another paradox of neuro-genetics that only in space habitats can humanity return to the village life and pastoral style for which we all long.\*

Intelligence Increase Is Required for Space Migration and Life Extension

Intelligence, we define, as the range and acceleration of information-bits (energy

signals) received, integrated and transmitted by structure, organic or pre-organic. The more intelligent the species or the individual the wider the scope and the faster and more precise the information transceived. Humans are more intelligent than other mammals because we have learned to (1) receive, (2) remember-retrieve-organize and (3) transmit by means of symbols and artifacts an enormous range of energies <sup>^x</sup> microscopic, telescopic, mechanical, electro-magnetic.

The Law of Least Effort determines that no individual or no species is any more intelligent than necessary. During certain phases of evolution and of history (social and personal) there are periods of calculated stupidity; a coasting along on energies already mastered. Periods of repetition and stability and lazy affluence. The 1950's and the 1970's are recent periods of collective stupidity. There are other periods in the life of a species, a race, an individual when the evolutionary process forces a confrontation with the future, a challenge which demands an upsurge of intelligence, an opening-up to reception of new frequencies, new organizing principles, new methods of transmission. World War II with its sudden explosion of technological and political innovation was such a period. The 1960's with its sudden explosion of new consciousness and new cultural philosophies was another such period.

Here it should be pointed out that the DNA code guides and guards the evolutionary process using hive-instincts of conservation. The individual or the group that becomes too smart, too far advanced, is inevitably checked. Until the present time it has been downright dangerous to be too smart or to let it be sensed by the collective mind that

\*In the O'Neill-N.A.S.A. designs, agriculture and industry are separated from the living habitats thus returning the space colonists to small pastoral or village environments where face-to-face interactions will allow the formation of the multi-person social molecules which apparently are necessary for the synergistic linkage of humans.

Has evolution labored for three and a half billion years to produce a new race of sun-tanned, organically fed, gracefully exercised, poly-orgasmic, self-actualized, somatic technicians?

one was too intelligent. Eccentric geniuses are tolerated only if isolated in ivory-towers and if they make no attempt to rock the species boat or to corrupt the young with new ideas.

At times of species mutation and genetic challenge there is a sudden eruption of genius. The 6th century B.C. produced Pythagoras, Buddha, Lao-Tse. The Elizabethan and Renaissance period in Europe and the Islamic eruption of the 9th century A.D. were similar explosions of mutation and migration.

It will be noted that most periods of intellectual breakthrough and neurological mutation have occurred during epochs of migration and exploration. The DNA code, girding itself to hurl its seed outward, activates new neural circuits and allows the conservative species-stupidity to relax its inertial control.

We may now be witnessing such a neurological mutation. If humanity is to migrate in space and to extend the life span we must get

smarter, fast.

It is no accident that just at this point in history neurology, psych-pharmacology and humanistic psychologies (in the form of the mental health and personal growth movements) are offering the human being the opportunity for increased understanding, liberation and control of his own psychological destiny.

For the first time in human history, control of one's own body and of one's own life style and identity (luxuries formerly reserved to the aristocracy) is now, however uneasily and trivially, an accepted right of the middle-class American.

Many of our most perceptive social critics have worried about this psychological efflorescence and the obvious question: what is the meaning and goal of this new philosophy of self-discovery and personal growth? Has evolution labored for three and a half billion years to produce a new race of sun-tanned, organically fed, gracefully exercised, poly-orgasm, self-actualized, somatic technicians?

If there is any goal beyond narcissism for the new generation of hedonic consumers freed from the constrictions of the work-aesthetic and the old-time religions, if there is any social or genetic purpose to this new, self-conscious individualism perhaps it is in preparation for the greatest challenge our species has faced in millenia <sup>^</sup>× the expansion of space and time.

Life Extension Is Only Conceivable in the Context of Space Migration and Intelligence Increase

All of the religious and philosophic systems constructed by human beings have concerned themselves with the basic issue of death. The western religions have offered immortality in a post-mortem, heavenly realm to be attained by the socially vir-

The conquest of death should be the basic and central concern of science. Death should be wiped out.

tuous. The oriental religions, addressing themselves soberly to the gloomy fact that human life ends inevitably in sickness, senility and death, have offered passive resignation and a detached individual yoga.

Recent developments in biology and genetics have added a startlingly new perspective on this ancient preoccupation. Scientists now inform us that the human life span can be extended indefinitely and that within a decade virtual immortality is technically possible. The first in-depth study of the implications of extended life-span appeared in a book, *The Immortalist* by Alan Harrington. The cover of this book contains a striking endorsement by Gore Vidal (never one to waste praise on fellow authors) who was led to wonder if "this may be the most important book ever written." Harrington's thesis is simple. Death is the only enemy of humanity. The conquest of death should be the basic and central concern of science. Death should be wiped out.

Life Extension, however, without Space Migration and Intelligence Increase is clearly an impossible nightmare. Until now it was necessary for post-menopausal humans to die and get their bodies off the scene to make room for the new arrivals. Is it nucleic-acid mysticism to suggest that current break-throughs in life-extension

sciences are inevitably synchronous with the emergence of space technology? Surely life extension would be unthinkable without space frontier. And with limitless space available immortality becomes a migratory tool.

No rejuvenation without migration! could well be the motto to protect us from the horrid possibility of John Denver and Frank Sinatra at age 500 still re-appearing at Las Vegas. And Richard Nixon running for the presidency for the fiftieth time, and, out of boredom, winning!

Longevity is equally forboding without Intelligence Increase. A recent opinion poll about attitudes toward life extension revealed the surprising result that most people can't bear the idea of living longer. "My marriage can limp through another ten years," was one reaction, "but a hundred more years would be a disaster." Extended life span will obviously require a sudden quantum jump in neural efficiency, the knowledge of how to re-imprint realities, to create new identities, to absorb new mental styles, to learn new tricks.

The Parable of the Five Caterpillars and the Butterfly

These three evolutionary developments  $\wedge \times$  Space Migration, Intelligence Increase and Life Extension  $\wedge \times$  offer our species a chance to resuscitate our more enduring visions of challenge and grandeur; a change to, once again, think noble thoughts about our future.

The technical caterpillar snorts, "They'll never get me up in one of those."

It is for this cause that we consider the parable of the five caterpillars, just before

their own metamorphosis, who see their first butterfly.

The conservative caterpillar sniffs and says, "That's illegal and immoral. They should arrest that irresponsible individual and cage her down here on the ground where she belongs."

The technical caterpillar snorts, "They'll never get me up in one of those."

The liberal-progressive caterpillar shouts rhetorically, "How dare that frivolous creature float free when there are caterpillars in Bangladesh who don't have color T.V.'s."

The Hindu-Buddhist caterpillar chants "Ohm" in a superior manner and says, "Why go to the bother to build those wings when I can just sit in the lotus position and fly by means of astral travel."

And the religious caterpillar murmurs piously, "If God had intended caterpillars to fly he would have given us wings."

In Defense of Snake Oil Salesmen

June 1976  
Pecos, New Mexico

"We (sic) expect to have our (sic) orbiting space station planned to house two hundred workers (sic) by 1983-1984....We (sic) feel that public participation in its planning is feasible."

Jesco Von Puttkamer, N.A.S.A. Office of Space Flight

"Von Puttkamer predicted that in the building and operation of



this space station, which he sees as the crucial first step toward the colonization of space, "...a lot of hardships should (sic) be encountered and overcome. What we (sic) don't want is for these hardships to generate a backlash. Supporters of space colonization should (sic) show a measured judgement ^× no snake oil salesmen are needed."

L-5 News, April 1976

At the present time, as always, political-spiritual-aesthetic differences alienate human groups. Most of these conflicts (for example Irish-Catholic versus Belfast-Protestant, Arab versus Jew, Democrat versus Republican) serve only to provide a sense of self-identity and escape from boredom to the groups involved and are irrelevant to the evolutionary process. Major political conflicts, however, ^× the cold-war blocs ^× are genetically useful in that they stimulate the great monolithic powers into technological competition which furthers the evolution of the human nervous system.

...one ominous possibility ^× the restrictive limitation of post-terrestrial reality by bureaucrats who are unashamed advocates of "hardship," control and uniformity.

The best explanation of how technological competition, i.e. extension of the neuro-muscular systems, operates as a basic cause of the last century of warfare can be found in Thomas Pynchon's Gravity's Rainbow, a book which serves well as an initiatory primer for Space Migration aspirants.

Since Hiroshima, territorial war as a necessary and healthy stimulus for intellectual advancement has been replaced by space rivalry. Since Peenemunde and Sputnik it has been obvious that the most intellectually and survivally interesting issue on this planet concerns humanity's transition to extra-terrestrial life.

The familiar east-west competition continues, of course, on the surface of the planet. Indeed, we might speculate that such transcontinental rivalries exist on all nursery planets at that stage in evolution when neurological-primates start assembly line tool-making preparatory for post-planetary migration. But Apollo-Soyuz is probably an accurate forecast of Inter-National collaboration in Space Colonization.

"There can be no doubt that in the future the crews of orbital stations will be international and space exploration will become a matter involving the whole planet."

Academician V. Glushko quoted in Izvestia, August 1975

This cooperation among super-powers may seem, at first impression, to auger a Utopian state of global harmony. We can have no doubt that Academician Glushko and our own Herr Von Puttkamer are eager to hook-up their respective bureaucracies. But evolutionary currents always run deeper than the political and it is most important that Apollo-Soyuz linkages not conceal the fact that Space Migration confronts our species with a most critical evolutionary choice.

We recall that, after 1492, the various European powers set out boldly to impose

upon the new world their own bizarre national versions of reality. Thus were created such astonishing and monstrous cultural mutations as Spanish-America, Anglo-India and Amino-Uganda.

Let us have no illusions. Space Migration will produce the most intense ontological struggles our planet has seen since the reptilian-mammalian conflict of long-ago. Space Migration offers our unfinished species the opportunity to create new realities, new habitats, new neural perspectives, new worlds unlimited by territorial longitudes or gravitational chauvinisms. We are surely indebted to Jesco Von Puttkamer for presenting in his "snake-oil" pronunciamento a clear example of one ominous possibility ^x the restrictive limitation of post-terrestrial reality by hard-headed bureaucrats openly opposed to enthusiasm, optimism, pluralism and poetic vision.

The upcoming conflict over the future of Space Migration may well become a debate over the future of human evolution.

Archangel Von Puttkamer's lofty attempt to guard the gates of the new celestial realms is not the first attempt by hardheads to co-opt space. Shortly after the first lunar landing, Thomas Paine, head of N.A.S.A.'s Apollo program produced in his exultation one of the most partisan statements since the Reformation. "This," said Paine, "is a victory for the crew-cut guys who use slide-rules, read the bible and salute the flag." Let us applaud Director Paine who in one magnificent flight of chauvinist rhetoric manages to alienate all tax-payers who are female, non-engineers, non-Protestants, and prefer non-marine hair styles.

Substitute the word "Marx" for "bible" and the N.A.S.A. version of whose reality should control space is in close agreement with Soviet planners.

Thus we see that the upcoming conflict over the future of Space Migration ("snake-oil salesman need not apply") may well become a debate over the future of human evolution; a debate which is philosophic rather than political and finds its roots, not in transient national rivalries, but in an inevitable tension which has existed for the last several centuries and which can best be described as technology versus humanism, engineering versus ecology, poetry versus logic, freedom versus control and, to use the brilliant unconscious metaphor of Von Puttkamer, snake-oil versus motor-oil.

It so happens that for the last 30 years I have been preoccupied with this wretched misunderstanding between engineering and humanism. I have consistently and perilously attempted to personalize, neurologize, eroticize and subjectify engineers, and on the other hand to make more rigorous, precise, replicable and objective the language and thought habits of poets and philosophers. Interestingly enough, both engineers and humanists are hopelessly trapped in the wheels of their own abstractions and control mechanisms. We are led to wonder whether the solution to these rigidities which prevent engineer-bureaucrats from communicating smoothly with each other as well as harmoniously meshing with the humanists is a certain lack of neurological flexibility which can accurately be described as "snake-oil deprivation."

In the basic sense, however, this polarity between technology and humanism is ar-

tificial and statistically common-place <sup>^</sup>× i.e. stupid.

Is it not demonstrably true that in any generation among the bureaucratic brigades of engineers and laboratory directors there are rarely more than twelve major scientists? And is it not possible that among the armies of literature professors, pop-novelists, faculty philosophers and foundation-supported theologians, there are, at most, twelve major philosophers? And do we not find that these twenty-four frontier thinkers are usually in close agreement as to the direction of human evolution and the basic nature of energy-matter? It is both the self-appointed liberal humanists and the civil service engineers who threaten Space

The Space Migrant's reply to the socialist's complaint is, of course, "let the meek inherit the earth; we have farther-out plans."

Migration with their clashing doctrinaire opinions <sup>^</sup>× the former peevishly suspecting that any escape from earth gravity is an elitist liberation from their compulsory egalitarian plans of limited-growth and intra-planetary bussing.

The Space Migrant's reply to the socialist's complaint is, of course, "let the meek inherit the earth; we have farther-out plans." To which the liberal's stern reproach is: "You have no right to float away from this planet with the ill-gotten gains you have wrenched from the poor." The obvious response to the liberals is, as always, to buy them off. When the administrators are shown that private-enterprise space migration, like 15th Century colonization, will return enormous energy riches, the distribution of which they will be allowed to administer, they will be

intellectually offended but practically mollified.

The Glushko-Von Puttkamer engineer-axis will be more difficult to evade. The Apollo project, we recall, perfectly executed its genetic mission: to return moon-soil samples rich in exactly the raw materials necessary for the construction of space colonies. All this, we suspect, was a serendipitous and mildly disturbing side-effect to the N.A.S.A. planners whose visions for the extraterrestrial future we have already seen reflected in the military flavor of the Apollo launches, the stuffy exultations of Director Paine, the Viking probes and the Sky-labs, none of which include the shocking possibility that civilian Americans and their families might insist on getting into the pioneer-frontier action.

As G. Harry Stine demonstrates in his book, *The Third Industrial Revolution*, the industrialization of space opens enormous new perspectives: "...new industrial empires will be forged, new billionaire industrial moguls will emerge." Much more significant than the economic are the cultural possibilities of Space Migration. It is the remarkable anthropological genius of Gerard O'Neill to recognize that the establishment of thousands of space-cylinder habitations will create an enormous plurality of culture-styles and moral systems. Literally each group of colonists who band together to finance and design a Space Habitat will be moulding a new consensual reality. Within the limits of physical security the colonists can determine the political, cultural and aesthetic dimensions of the psyche-space they inhabit.

Comparisons with 15th Century colonization (Pilgrim fathers, etc.) or with the first

two industrial revolutions are much too modest. The migration situation may be more accurately analagous to the movement from marine to amphibian life or from reptile to mammalian. Imagine, if you can, the snake-oil commercials at the time of amphibious migration:

Space Migration Bureaucrats who start setting up criteria for who need not apply, need not apply themselves.

TAKE ADVANTAGE OF THESE UNLIMITED REAL ESTATE POSSIBILITIES: SWAMPS, SHORELINES, FORESTS, PRAIRIES, CAVES, BURROUGHS!!! YOU CAN BE THE FIRST ONE ON YOUR BLOCK TO GROW SCALES, FUR, FEATHERS; TO SQUIRM, SCRAMBLE, LOCOMOTE ON MULTI-PEDAL APPENDAGES!!!

Von Puttkamer's diatribe against snake-oil salesmen is the bureaucrat's timid concern that politicians and voters might be scared off by visions and enthusiasms, based on the underlying assumption that governments and legislators are going to sponsor Space Migration. We do well to listen to the shrewd advice of Astronaut Russell Schweikert (published in Co-Evolution Quarterly) to keep government bureaucracies out of Space Colonization and rely on private initiative and personal investment of vision.

Was it not exactly "snake-oil" that stimulated the last Age of Exploration? Marco Polo returning with spices, pungents, perfumes, soft silks, strange herbs and medicaments? Upon what resinous substances was the wealth of the East India Company founded? Did not Ponce de Leon set off after the Elixir of Life? Did not Coronado seek the fabled Seven Cities of Gold?

If Space Migration is going to be anything more than

insectoid bureaucracy or another Alaska pipe-line adventure controlled by the oil politicians, the lunar Mafia and the Inter-Planetary Teamster's Union, it is going to be "snake-oil" that softens the rigidity, soothes us through the moments of hardship and makes the venture one of hedonic liberation and experimental diversity. We could do worse than re-read that wry little novel Journey To The East in which Herman Hesse suggests that each person who sets out on the great genetic voyage has his-or-her private and highly personal goal of discovery.

Upon reading Von Puttkamer's ominous "snake-oil salesmen need not apply" one's first reaction was to reply: "Bureaucrats who start setting up criteria for who need not apply, need not apply." But this is to fall into the old terrestrial competitive trap which need no longer limit us. Rather our invitation should read: Let everyone apply. Let us be open to everyone's vision. Let every group form its own social structure. If Academician Glushko and Director Von Puttkamer wish to share a space habitat in which wild aspirations are banned ^x by all means let them do so. But before condemning themselves to a post-terrestrial reality in which "hardship and measured judgment" are the preferred styles, let us suggest two experiments. Herr Von Puttkamer, you should review the history of science and recall that every great breakthrough has

### In Defense of Snake Oil Salesmen

Every great breakthrough in the history of science has been opposed and postponed by the most renowned scientists of the time.



been opposed and postponed by the most renowned scientists of the time; and that all of the respectable-senile predictions about the fission of the atom, the size of the universe, the landing on the moon have consistently overestimated the difficulties and underestimated the grandeurs.

And would it be indiscreet to ask what Mrs. Von Puttkamer and the von Puttkamer children think about N.A.S.A. hardship versus all-out enthusiastic commitment? If Snake-Oil is a smooth substance which makes the skin feel good, produces pleasant squirming motions, and encourages optimistic aspirations, perhaps director Von Puttkamer should obtain a supply (from government approved laboratories, of course) and apply some to himself and his wife one starry night. Then let us review the issue of who shall live in space, and how, and why.

H.O.M.E.S. A Real Estate Proposal

Coauthor

February 1976

George Koopman

San Diego Federal Prison

THE TIME FOR HIGH ORBITAL MINI EARTHS

Life on the Planet Earth is now being transformed by the three basic tactics of the evolutionary process:

MIGRATION

MUTATION

METAMORPHOSIS (REJUVENATION)

The movement away from the gravity-prison of our

overpopulated-underenergized planet is rapidly becoming, not just a futurist speculation, but an inevitable mutational step.

Space migration is a practical necessity.

Just as the early amphibia were forced out of the primeval water onto the shoreline, so are we being squeezed off the womb-planet into extraterrestrial existence.

THE MESSAGE OF THE D.N.A. CODE IS: MIGRATE FROM THE NURSERY PLANET.

Life is an Interstellar Communication-Transportation Company.

A Free Enterprise. Unlimited.

Life is disseminated planfully on planets throughout the Galaxy in the form of nucleotide templates. These "seeds" land on "farm-planets" like ours, are activated by solar radiation, and evolve nervous systems.

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The "Earth As Womb" theory also recommends itself because it is funny, pregnant with future possibility, delightfully impudent to pompous self-conceptions.

The bodies which house and transport nervous systems and reproductive seeds are constructed in response to the atmospheric and gravitational characteristics of host planets.

The nervous system is a tool for deciphering the genetic code.

The message of the D.N.A. code turns out to be:  
MIGRATE! REJUVENATE!

## EXPLORATION AND EXPLOITATION ARE GENETIC IMPERATIVES

We propose the "Earth As Womb" theory because there are no facts to disprove it; because the available facts confirm it; because it is in line with the synchronicity and recapitulation laws.

Synchronicity: What happens to the individual also occurs at the microscopic and telescopic levels.

Recapitulation: The first nine months of prenatal life repeat the cycle of evolution.

The first 24 years of individual development repeat the four stages of terrestrial evolution: infant (marine), child (mammal), pre-adolescent (primate), post-adolescent (sexual domestication). Every stage is larval, embryonic to the next. The cycle of molting-metamorphosis continues.

The "Earth As Womb" theory also recommends itself because it is funny, pregnant with future possibilities, delightfully impudent to pompous self-conceptions. What more entertaining conceit than to suddenly discover that, in the most scientific practical sense, we are just about to be born! The current writhings and convulsive spasms of our species which now disturb the serenity of our planet can be seen as natural birth pains.

This planet can no longer hold us. We are crowding and fouling the nest.

Rational, socialistic plans to reduce population, restrict growth, think small and limit free expansion are unnatural and genocidal.

The growth-restriction plans so popular among bureaucrats are anti-evolutionary.

It is in the nature of every form of life to joyously, confidently expand and multiply.

The embryo cannot decide to stop growth and remain comfortable in the womb.

Conserve energy? No way.

^Ω Expand without limit.  $E = mc^2$ .

The answer of Life to its restrictors is always the same:

**EXPAND! EXPEND! EXPLORE! EXPLOIT! EXCHANGE!**

We must not cringe from the word "exploitation." We must exploit every level of available energy to build the structure to reach the next evolutionary cycle.

**THERE IS NO CHOICE: LIFE MUST LEAVE THE WOMB-PLANET TO SURVIVE AND EVOLVE**

We plan to organize Space H.O.M.E.s (High Orbital Mini Earths) as a practical step to explore and activate new resources<sup>^x</sup>internal and external to the nervous system.

Space H.O.M.E.s open up new unexploited territories, new energy sources, and new stimulation for the brain. We must not cringe from the word "exploitation". At every level of energy the laws of nature seem to require new and more complex engagements of elements to accelerate the evolutionary process. We must exploit every new level of energy in order to build the structure to reach the next cycle. The embryo ruthlessly exploits the supplies of the maternal body.

The derogatory flavor of the word "exploit" has been added by reactionary political groups who wish to slow down the expansion of energy. Rhetoric aside, there has never been an example of a surviving-evolving species which did not use all energies available to it. Nothing can stop the surge towards Space Migration. In addition to the logical reasons for the voyage one must face the fact that we have no choice. The mutation from terrestrial to interstellar life must be made. If only because this planet is going to explode in a solar flare-out within a few billion years. Common sense trust in the wisdom of the DNA code should convince us that Life wouldn't have got Herself into this planetary crisis without having figured a way out.

#### THE ONLY QUESTIONS WORTH ASKING

Here are the only questions worth consideration by any intelligent person.

Is physical immortality possible in our lifetime?

Does Superior Intelligence exist?

How can we attain these two goals?

If your answers are negative then nothing makes any difference to you except satisfaction of robot comfort, transitory ego-reward.

If your answers are affirmative, then the most profitable, adventurous and hopeful prospects emerge.

Humanity now hungers for reassurance that the ancient, philosophic aspirations were not in vain.

And for reminder that there is a practical purpose for

existence. What sounds like the most spaced-out fantasy becomes, upon reflection, the only sensible proposal.

The most exciting, least boring way to pass our time is to assume that we can develop an immortality pill, leave the planet and contact higher intelligence.

Is it our destiny to die? Is there no Superior Intelligence beyond the gradual accumulation of scientific knowledge?

Longevity and rejuvenation are not only possible but inevitable productions of an evolved nervous system. Superior Intelligence will be contacted as soon as we leave the embryonic membrane of earth atmosphere.

Superior Intelligence is Us in the future.

No matter which of these hypotheses one aesthetically prefers, the fact remains that the best investment of our energies, the most exciting and least offensive way to pass our time is to assume, pretend, gamble that we can develop an immortality pill, leave the planet and contact Superior Intelligence. From the history of science we learn that the only way a new energy is discovered is to look for it.

Indeed, do we not find exactly that for which we search? If Superior Intelligence does not exist it is time for us to create it. In ourselves, if necessary.

When millions of space migrants from every country assemble to work together in the dedicated search for Immortality and Superior Intelligence, the results, even if negative, cannot fail to be amusing, instructive and

profitable.

There is simply nothing better to live for.

Neuropolitics

The Star Seed Migration Company is a profit-making cooperative designed to be the most lucrative venture in human history.

PROSPECTUS

PROSPECTUS

5,000 Shares  
Per H.O.M.E.

HIGH ORBITAL MINI EARTH  
Capital Stock  
(Without Par)

THESE SHARES ARE SPECULATIVE IN THAT THEY INVOLVE A HIGH DEGREE OF EVOLUTION.

Prior to this offer there has been no public market for alternative evolutionary futures.

The initial offering price has been determined by Central Intelligence in accordance with the most precise and reliable data available.

THESE SECURITIES HAVE NOT BEEN APPROVED OR DISAPPROVED BY

THE EVOLUTIONARY COMMISSION NOR HAS THE COMMISSION

PASSED UPON THE ACCURACY OR ADEQUACY OF THIS PROSPECTUS.

ANY REPRESENTATION TO THE CONTRARY IS ENCOURAGED.

Price to  
Public

Underwriting (1)

Discount

Proceeds

To Colony

Per Share \$100,000. (1) \$100,000. Total \$500,000,000.  
(1) \$500,000,000.

(1) These shares will be treated on the STARSEED EXCHANGE, which is underwriting this offering in exchange for the opportunity to MIGRATE, MUTATE and META-MORPHOSISE. Any commissions earned in evolutionary futures will be reinvested under the rules and regulations of the Genetic Code.

Each mini-planet will have its own post-terrestrial goal. Some will stay in industrial orbit around the earth. Others will colonize the planets and asteroids. Others will leave the solar system.

Offered by  
THE STARSEED EXCHANGE

The Interstellar Energy Communication Transportation Recreation Company  
a better opportunity employer

The date of the Prospectus is NOW

No dealer, salesman or government agency has been authorized by H.O.M.E.s, the Underwriters or the DNA code to monopolize the colonization of space, and any representation to the contrary is amusing. This Prospectus constitutes an offer to participate in a new venture to increase options, get



smarter and live forever, while having fun, making money, and evolving, except within any state or archipelago to any person or robot where or to whom it is unlawful to make such offer or solicitation. The delivery of this Prospectus shall under every and all circumstances create the distinct impression that the future is up for grabs.

IN CONNECTION WITH THIS OFFERING, THE DNA AND OUR EXTRATERRESTRIAL NEIGHBORS MAY INTRODUCE MUTATIONS, COMMUNICATIONS OR OTHER QUANTUM EFFECTS WHICH WILL STABILIZE THE GAME AT A LEVEL ABOVE THAT WHICH MIGHT OTHERWISE PREVAIL IN A CLOSED-EARTH MARKET. SUCH EFFECTS IF COMMENCED, WILL BE REGARDED AS NORMAL FOR ANY WOMB PLANET EXPERIENCING INTERSTELLAR BIRTH.

## THE INVESTMENT

The Starseed Exchange (Starseed) will fabricate to order a High Orbital Mini Earth (H.O.M.E.) for any group desirous of living, working, playing and evolving in a world of their own design. A cooperative stock company will be formed by the Underwriter for any such group, and the shares in each such company so formed may be traded on the Starseed Exchange.

Each H.O.M.E. will be a complete ecosystem manufactured from the finest extra-terrestrial materials available, and built to exacting gravitational, climatic and environmental specifications, in keeping with the philosophy, cosmology, political system,

STARSEED is engaged in the satisfaction of political, social, economic, technological and environmental desires.

epistemology, ethics, aesthetics, ontology and eschatology selected by the migrants.

As each H.O.M.E. is a self-supporting free-enterprise without tax subsidy or other support from Old Earth governments, it will be wholly self-financed. Some H.O.M.E.s may choose to associate with one of the many ongoing ventures (see The Company) in the Personal Service, Information, Energy or Materials Groups. Others will spread through the solar system, taking charters, performing scientific missions, or engaging in venturesome exploration. Still other H.O.M.E.s may develop propulsion systems for leaving the solar system on interstellar voyages.

The cost of a H.O.M.E. will be equal to or less than the cost of earth homes of the same quality for a similar population. This offering is for the construction of H.O.M.E.s of the \$100,000 per dwelling style, roughly comparable to 5,000 family dwellings in any American suburb, and similarly situated. It should be noted that STARSEED will also manufacture H.O.M.E.s of any size, shape, climate, gravitation or environment for any group. The partnership shares in any H.O.M.E. may be closely held, or traded on the STARSEED EXCHANGE.

## THE COMPANY

High Orbital Mini Earths (H.O.M.E.s) are directly descended from primitive biological systems evolved in interstellar space and brought to this planet by meteorites about three billion years ago (see Hoyle and Wickramasinghe). STARSEED is engaged in the satisfaction of political, social, economic, technological and environmental desires, as follows:

### PERSONAL SERVICE GROUP

H.O.M.E. Construction Division: Manages the design, development, fabrication and furnishings of H.O.M.E.s, luxurious miniworlds with multiple gravity, tailored eco-system, adjust-a-matic climate and free energy.

Tourism Division, dba "Head Trips Unlimited": Arranges transportation and accommodations for recreational visitors from the Old World. Also runs amusement parks and orbital docking facilities.

Medical Division: Provides longevity treatment for migrants, while operating Select-O-Gee convalescent complex and the Total Isolation Labs for genetic research.

Entertainment Division: Operates the Genetic Broadcasting Company and its stations WRNA and KDNA. Artists are brought together with the materials and environments of space under the Udall Fellowship program.

Do we not find exactly that for which we search?

#### INFORMATION GROUP:

Communication Division: Offers solar system wide telephone and data communication services. Planet-face features include global telephone service via satellite-linked wrist radio for US \$.10 per call regardless of time or distance.

Remote Sensing: Provides environmental and resource mapping and surveillance services across entire frequency spectrum at lower cost than planet-face systems.

Navigation/Location Division: Locates users precisely in timespace for purposes of sub-surface, surface, aerial and personal movement

relative to precise coordinate systems.

**Sensor Polling Division:** Remote instantaneous polling of individual, group or auto-mated terminals or sensors. Formerly the Gallup/Roper/Harris Division.

#### **ENERGY GROUP:**

**Solar Power Division:** Constructs and maintains solar power satellites supplying pollution-free electrical power at 1 mil/KW hour to earth below the cost of fossil fuels.

**Rent-a-Lumen Division:** Rents light-time to areas of the earth desiring additional illumination at high or low intensities for social, agricultural or hedonic purposes.

#### **MATERIALS GROUP:**

**Raw Materials Division:** The Luna Station operated by this Division furnishes lunar soil to the space refineries by mass driver. Additional raw materials are provided to the refineries by the Asteroid Prospecting and Retrieval Teams in the form of carbonaceous chondrite asteroids.

**Vapor Deposition Division:** Vapor-Phase fabricates massive structures and thin-film solar sails of any size, shape and material. Formerly the Henson/Drexler Division of Engulf and Devour, Inc.

**Structural Materials Division:** Produces immiscible alloys, float zone refined and directionally solidified castings, joinings and composites.

**Process Materials Division:** Produces catalysts, membranes, powders and devices in zero to high gravity environments. Also provides

hyper-pure materials refined in space.

Optical Divison: Produces fibers, lenses, filters and other optical specialty devices.

Grows crystals of any required purity, structure and dimension.

Biological Division: Separates, purifies and cultures the numerous Pharmaceuticals and industrial chemicals which are produced most cost-effectively in zero-g environments.

Neuropolitics

Superior Intelligence is us in the future.

WARNING: THE GENETICS EXCHANGE COMMISSION REQUIRES THAT THE FOLLOWING WARNING MESSAGE BE IMPRINTED IN LARVAL SYMBOL UNITS ON EACH MUTATIONAL MESSAGE.

Your Genetic Director has determined that

MIGRATION has reliably resulted, throughout evolution, in

METAMORPHOSES, change in the individual, and

MUTATIONAL change in the species.

The STARSEED EXCHANGE must also warn potential investors to seriously consider the possible effects on their own nervous systems of living for 150-800 years in a reality of their own design, with controlled weather, multiple gravities and free energy.

COMPETITION

The field in which STARSEED intends to function is highly competitive, as higher intelligences from at least 100,000 star systems in our galaxy are most assuredly engaged in the same business. Such entities may possess far greater experience, finances and facilities than the solar system or STARSEED.

It is recognized that in the broad sense, STARSEED will be competing not only with other producers of homes (Kaiser-Aetna, Irvine, ITT-Leavitt) but also with all producers, manufacturers and promoters of alternative realities (Earthfirst, Oneworld, Small is Beautiful, Limit growth and the Club of Rome). Additionally, competition may be considered to be present from all individuals and groups promoting the viewpoint that the highpoint of evolutions is larval forms stuck in two-dimensional planet-space who live less than 100 planet cycles.

## Sales

STARSEED will solicit sales through various self-selecting mutational agents scattered over the planet-face who, through whatever means or media, gather a group to construct a H.O.M.E.

Although few such groups presently exist, the Company's past experience in promoting such ventures under the sponsorship of the DNA code, leads it to believe that it

Space Migration Intelligence Increase Life Extension  
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Space Migration, Intelligence Increase, Life

## Extension.

will be back-ordered above its projected ten (10) year capacity within six months. Such past ventures include the Plymouth Bay Space Colony, the East India Migration Company, and the Hudson Bay Extraterrestrial Trading Company.

## Employees and Promoters

The Company's founder and promoter (the DNA Code) presently employs and promotes all life on the planet.

## Legal Matters

To the best of anyone's knowledge, it is.

## Risk Factors to be Considered

A. Although the Company was incorporated over three billion years ago, it has only been conscious for a few tens of thousands of years.

B. Although the Company offers solutions to the four major systematic dilemmas of the species (growth, control, distribution and species-role) there is no assurance that the limited species consciousness of prevailing power-interests will respond.

C. Although the ideas suggested herein are drawn from the work of the most evolved minds in the solar system, including higher intelligence from Princeton, MIT, Stanford, NASA, the aerospace community and our leading futurists and philosophers, and supported by years of study and reams of scientific data, many would rather ignore these ideas than validate them in their own nervous systems.

D. Since it will be fun to live in space, get smarter, richer and live longer while evolv-

ing into a new interstellar species...why not?

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