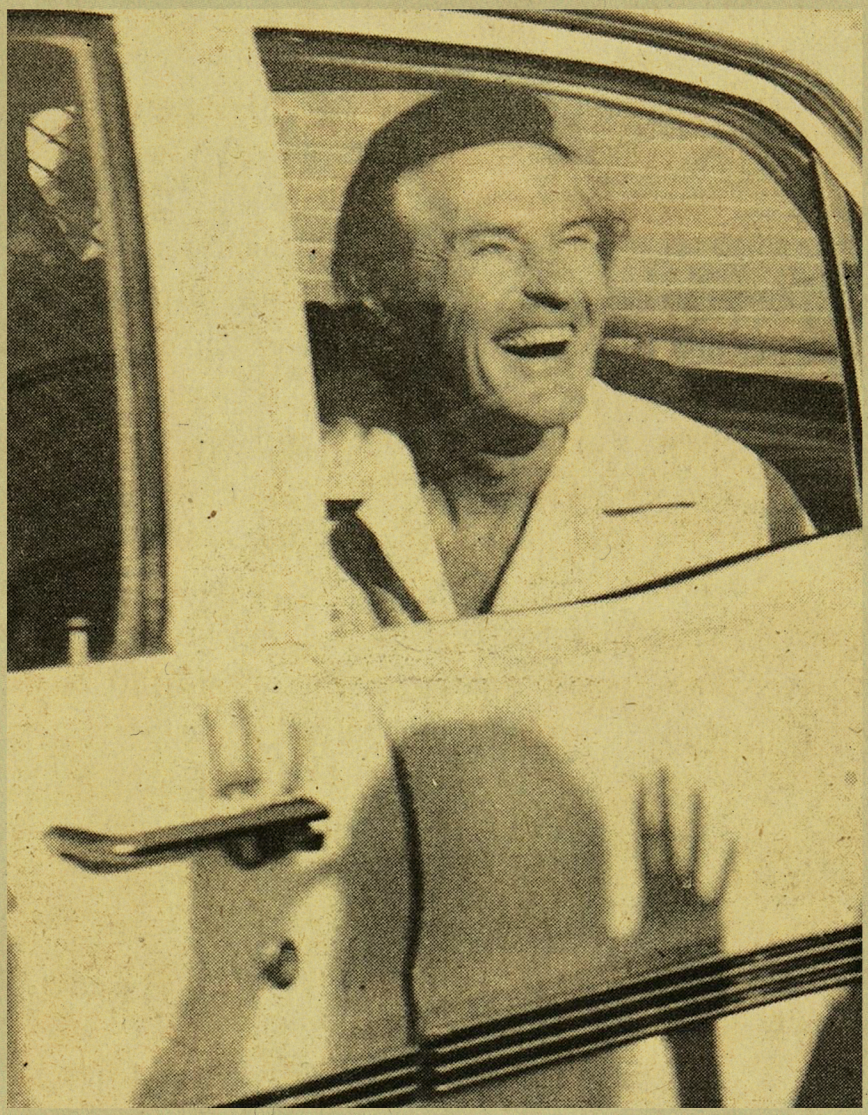
The Periodic Table of Energy

(Correspondences Among: the Periodic Table of Elements, the Neurogenetic Theory of Evolution, the Tarot, the I Ching, the Zodiac)



Transmitted by

Joanna and Timothy Leary with Robert Anton Wilson

Vacaville Prison, CA, USA: May 1974. (Amended)

Periodic Table of Energy 1974-1975

Michael Horowitz collection on Timothy Leary. Manuscripts and Archives Division. The New York Public Library. Astor, Lenox, and Tilden Foundations.

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No Mutation Without Representation



Dr. Timothy Leary's first book was The Interpersonal Diagnosis of Personality, *and its impact upon the community of psychology led to his appointment at Harvard. He was offered tenure at Harvard and the position of head resident psychologist at Massachusetts General Hospital if he would only lay off his LSD research.*

Leary became the first faculty member fired from Harvard in a century. He was ousted because his experimentation with LSD was setting a bad example for Harvard undergraduates.

In March, 1970, Leary went to a California prison on a one to 10 years sentence for possession of marijuana. Out of his prison experiences, he wrote Jail Notes.

Confessions of a Hope Fiend *describes how Leary escaped from prison in 1970. Subsequently captured and returned to California prisons, while there Leary wrote* Starseed: A Psi Phy Comet Tale, Terra II: The Starseed Transmission, Neurologic *and* The Curse of the Oval Room.

Leary started work on a new book in February 1974 while he was at the California Men's Colony at Vacaville. The book has now become a 700-page manuscript, and the following article is based on it.

Robert Anton Wilson, who had met Leary in Millbrook, N.Y., shortly after he had left Harvard, first visited him in prison in March 1974.

Leary asked Wilson if he would like to collaborate on the new book, The Periodic Table of Energy.

"I answered, 'Yeah, sure,' with a beatific expression," Wilson reports. "I'd never been so flattered in my life." The collaboration was carried on via letters and visits to Leary in prison.

Robert Anton Wilson is an author, lecturer, former Playboy *editor, cabalistic magician, and anarchist. He has written* Sex and Drugs: Journey Beyond Limits, *and a novel,* The Sex Magicians, *which he describes as "a science fantasy porno-satire novel."*

Wilson is currently writing The Starseed Signals, *a book based on Leary's scientific development from 1957 to the present. "I'm hoping to demonstrate that, as usual, the man most persecuted by society is its greatest genius," he said.*

Bob Wilson summarized The Periodic Table of Energy *as follows:*

"The basic idea is that the human nervous system can evolve through 24 stages, turning on to new signals at each stage, tuning in to new gestalts, and therefore literally developing new circuits or new 'brains.' And the nervous system has been pre-programmed to go through this evolution." -- Steve Long

The meek shall inherit the earth. The wise keep moving on.

Speed Leonards

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 -- they will migrate from sun to sun as they go out. And so there is no end to life, to intellect and to the perfection of humanity. Its progress is everlasting.

Konstantin Tsiolkovski, the "Father of Cosmonautics"

The laws of gravity are superseded by the laws of levity.

Humor is Einsteinian -- based on relativity, light, changing, moving. Laughter is beyond the conditioned reflex, the unconditioned song of freedom. Both the enslaved and the enslaving dislike humor because to laugh is the cry of liberty.

* * * * * *

This book is dedicated to the Imprisoned, especially to those in the cages of the California Archipelago.

The prison sociologist is inundated by requests from sincere searching inmates for books to read and cults to join. What is one to say to a prisoner who requests the name of a book which will help him to understand the human situation?

"What do you want to learn from a book?"

"About life. About metaphysics."

"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, I don't see how you can go beyond physics until you have understood physics."

"I want to know about the future. Do you believe in astrology? Do you believe in the Tarot? Should I read the **I Ching**?"

"No. That book is a phoney."

"What should I read then?"

"Read science-fiction."

"What! That's not spiritual and philosophical."

Yes, it is, my friend. So we transmit this signal by the grace of Goddess for all those held by force and violence in the cages of every government on Earth.

THE OCTAVE OF ENERGY

The Periodic Table of Chemical Elements was developed in 1868 by Dmitri Mendeleyev. Actually, John A.R. Newland had described the octave structure of the elements four years earlier, but Newland was laughed at and rejected by the Royal Chemical Society because the octave was so obviously a device of ancient Pythagorean mysticism.

After Mendeleyev's work was confirmed and firmly established, the Royal Society gave Newland a belated Gold Medal; a typical gesture toward the heretic, if he lives long enough to survive the initial ridicule and terror his "crazy" ideas inspire.

The chemical octave consists of:

ALKALIS, with one electron in the outer ring.

ALKALINES, with two outer electrons.

BORONS, with three outer electrons.

CARBONS, with four outer electrons.

NITROGENS, with five outer electrons.

OXYGENS, with six outer electrons.

HALOGENS, with seven outer electrons.

NOBLE GASES, with eight outer electrons.

All known chemical elements throughout the universe belong to this Noble Eight-Fold Path.

We suggest that within the fourth family (Carbons) -- where all organic life is to be found -- there exists a similar octave giving the blueprint of terrestrial and extra-terrestrial evolution. This is not surprising. Nature is full of duplications, patterns-within-patterns. The spiral of the galaxy repeats within the spiral of the hurricane, the spiral of the embryo, the DNA coil itself.

Life is brought to the ovum by a seed, during sexual fusion. It evolves through complex structures for nine months and is then born, released from the womb. Life probably came to Earth as a seed (nucleotide template) on a meteor. It has evolved for four billion years on the planetface and is now ready to be "born," released from the planetary womb, to start toddling about the galaxy.

Cabalists have set the musical octave in correspondence to the energetic octave of the kundalini yoga system, and some relate this to the Gurdjieff vibration levels, as follows:

CHAKRA	NOTE	GURDJIEFF VIBRATION
Above the head	high do	3
Crown of head	ti	6
Center of forhead	la	12
Throat	sol	24
Chest	fa	48
Abdomen	mi	96
Behind genital	re	192
Base of spine	low do	396

These chakras are visible in Kyrlian photography. We assert no further dogma about them, but take this system, and Mendeleyev's Periodic Table of Chemical Elements, only as clues, suggesting that the pattern of neurogenetic evolution may be found within an octave.

NEUROLOGIC & NEUROGENETICS

The nervous system is the center, source and sole instrument of consciousness, learning, memory, behavior, intelligence and knowledge. There is only one field of science and knowledge and that is Neurologic: the logic of the nervous system. All other human behaviors and disciplines exist only as registered, recorded and mediated by the nervous system.

Assume that the discovery of the primacy of the nervous system is similar to, but more important than, the emergence of atomic, nuclear and particle physics. Let us speak of the Einsteinianization of human knowledge by Neurologic; the relativization of consciousness.

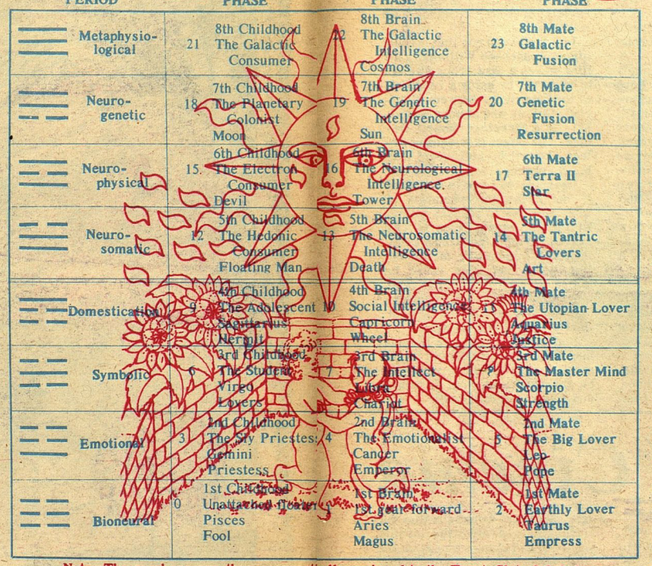
Just as every natural science and every branch of engineering has been revised, expanded and redefined in the light of relativity physics, so it is necessary to expand and redefine every branch of human knowledge in the light of the relativity and fission-fusion capacities of the nervous system.

Neuro-ecology is the study of the nervous system in relation to the environment, and of how our knowledge of the environment is filtered through our nervous systems.

Neuro-geology is the study of how our knowledge of atomic and sub-atomic processes is limited and guided by the general capacities of the nervous system and by the neural imprinting and conditioning of the scientists who study these processes.

The Periodic Table Of Energy

by Timothy Leary and Robert Anton Wilson



Note: The numbers are those conventionally assigned to the Tarot. Slots 2 & 3 have been reversed, and 2 new Tarot slots have been added: 21 & 23 (21 is now 22).

This list of hypothetical future sciences could be continued for pages. We are attempting to illustrate that the basic instrument for receiving, observing, recording, storing, synthesizing and transmitting information is the nervous system and those extensions of the nervous system that have been designed by the nervous system, e.g. computers, electronics, etc.

The general theory of neurological relativism here introduced assumes, in evolutionary sequence, 24 stages of neural integration. (Eight basic circuits divided into three phases each: reception, integration, transmission.)

At each stage, the nervous system responds to new signals, recognizes new levels of energy and meaning, integrates a new model of the universe. We may write the equations (M-model, S-signals):

M0 equals S (Slot 0)
M1 equals S (Slot 1)
M2 equals S (Slot 2)

etc. onward to M23 and Slot 23. That is, at each evolutionary "slot" the nervous system organizes signals into a model (Von Uexhall's "**Umwelt**") which it tends to identify with the universe.

This identification of the model with the universe, as we are warned by both the "mystic" Gurdjieff and the semanticist Korzybski, leads to dogmatism, intolerance, misunderstanding, conflict, etc. To understand neurological relativism is to become conscious of abstracting, to cease identifying the nervous system's model with the actual universe.

At each level of neurological evolution, new signals are perceived -- signals previously "screened out" by the very process of integrating meaningful pattern out of the signals received on the previous level. According to the well-known equations of information theory, an improbable (unexpected) signal contains more information than a probable or expected signal.

The set of new signals, when a new neurological circuit is forming, provides an oceanic flood of increased information; everything seems "new" and "astonishing." The opening of a new circuit is a major epistemological event, commemorated by an outburst of new philosophy and (often) theology.

The new neural circuits evolve naturally as programmed by the grand DNA strategy for the planet.

Primitive neurogeneticists, employing methods of disciplined introspection, have previously intuited the neural octave and sent signals to us, across time, explaining it as well as they could in the symbolism of their time. One such signal is the kundalini-Gurdjieff chakra-vibration system mentioned earlier. Another is the Tarot. A third is astrology. A fourth, almost buried beneath mawkish pieties, is the **I Ching**.

To complicate matters, religious persecution has forced many primitive neurogeneticists -- one thinks especially of Bruno of Nola, Aleister Crowley and the alchemists -- to transmit their signal in code. Others have elaborated these codes into baroque nonsense, through failure to understand. Still others have added further distortion to "protect" the knowledge against abuse. Etc.

We have designedly incorporated three errors into the following script, which will be detected by the receiver who understands the signal. One of the classic dangers in the transmission of energy-knowledge comes from popularization and vulgarization.

Errors, both accidental and deliberate, operate like this: "Multiplication table; repeat after me: one times two is two; two times two is four; three times two is six, four times two is ten; five times two is eight..."

Such an error is repeated and repeated with pious gullibility, bound into texts and Bibles, uncritically passed down from teacher to student for generations. Occasionally, a detached observer catches the error and points out that "two times four is eight." Such a person is denounced as a radical or trouble-maker.

Thus, only the WoMan who understands the principle of objective thought can detect or correct the errors which creep into all communication systems. Consider the distortion which converted Jefferson's "life, liberty and the pursuit of happiness" to Kennedy's "ask only what you can do for your country."

Each new generation of searchers must re-discover each natural law, must re-write all the basic formulae, re-state all the general principles, re-word the great myths. **Nothing can be taken as proven. Every great discovery must be re-experienced.**

With these warnings we present our Neurogenetic Array.

FIRST CIRCUIT

This is Gurdjieff's 396 vibration, **I Ching** trigram KUN (Earth) and contains the first three slots. The DNA arriving on a womb-planet must receive signals relative to survival, integrate a survival-brain, and bond to the planetary surface.

Each newborn repeats this curcuit in learning to receive survival-cues, integrate crawling-strategies of safe-unsafe and bond to the Mother or mothering person. This forward-back or approach-avoid circuit is based on the dorsal-ventral (front-back) asymmetry of the human body. The basic survival strategy is to face and approach the positive, the nurturing, the warm-loving and to turn one's back on (flee from) the noxious and dangerous.

Slot 0, the unimprinted potential or receptive stage, is astrological Pisces, Tarot Trump 0, the Fool. Those "born under this sign" (i.e. when the neurogenetic code reaches the point in its yearly cycle which primitive shamans correlated with the sun's Piscean position) tend to retain this slot. Those born at other times, however, may also retain this unimprinted "void" if the environment is scanned as totally hostile and negative. In extreme cases this represents basic first circuit schizophrenia (autism.)

Slot 1, the first "brain" or integration, is astrological Aries, Tarot Trump 1, the Magus, or Juggler. Out of the receptive void of Slot 0, a survival-strategy of forward-back investigate-retreat programs is developed.

Slot 2, the bonding of the first circuit is astrological Taurus, Tarot Trump 3, the Empress. (Taurus was originally a cow, not a bull. Cf. cow-headed Isis. This is the earth-mother archetype.) If this bond is not made, the nervous system retreats to Slot 0, turns its back on the world, becomes autistic.

SECOND CIRCUIT

This is Gurdjieff's 192 vibration, **I Ching** trigram CHEN, the Arousing, the Earthquake sign. This circuit mediates muscular power and gravity-mastery; it evolved when the first vertebrates began to rear up against the pull of gravity and exert territorial and hierarchical dominance.

The same ethological signals are still used by birds, reptiles, mammals and the Chairman of the Board of your local bank: swelling, noise-making, rising upwards for dominance; shrinking, silence, slinking downward and away for submission.

The glandular chemicals released in these rage-fear rituals are literally addicting and the infant begins imprinting these games (emotional cons) as soon as SHe learns to stand up (resist gravity), toddle about the house, and mess in family politics. Once imprinted, these games are mechanically repeated in situations providing similar simuli, whether at 15 years, at 35, at 55, or at 75.

Slot 3, astrological Gemini, Tarot High Priestess, is the receptive phase of learning to read emotional signals. Those neurogenetically programmed or environmentally imprinted to remain at this stage participate in emotions by proxy, by submission to others, and by masochistic "injustice collecting" (winning-by-losing.)

Slot 4, astrological Cancer, Tarot Emperor, is the second "brain," or emotional game-computer. Example: cops, salesmen, politicians; in general, those who do not bother imprinting Third Circuit (or higher) functions and survive by emotional manipulation of others.

Slot 5, astrological Leo, Tarot Hierophant or Pope, is the bonding of emotional routines to the tribal game-rules, everywhere sacralized and taught as "duties." Those who do not imprint this local decorum remain emotional (and, often, political or ideological) outlaws.

CIRCUIT THREE

Gurdjieff's 96 vibration, **I Ching** KAN, Dexterity (Closing). The mental-manipulative circuit, imprinted when the child begins to **handle** and **question** ("What is this called? How do you use this?") The programs imprinted are the tribal epistemology games, everywhere defined as "reality."

Slot 6, astrological Virgo, Tarot Lovers, is receptive intelligence, the student mind, the disciple.

Slot 7, astrological Libra, Tarot Chariot, is the third "brain," the digital computer. Eric Berne's "Adult." Freud's "Reality Principle."

Slot 8, astrological Scorpio, Tarot Strength, is the bonding to the intellectual tradition of the tribe (T.S. Eliot's marriage of Talent to Tradition.)

CIRCUIT FOUR

Gurdjieff 48 vibration, **I Ching** KEN, Protection. At puberty, the fourth mutation occurs and sexy signals (invitations to sperm-egg fusion) are suddenly visible (and urgent).

Slot 9, The Hermit, Sagittarius, is the receptive-consumer stage of self-enjoyment, masturbation, etc.; unimprinted, this carries over into Playboy, monkish or Gay modes of Eros.

Slot 10, The Wheel (Capricorn) is the genetic roulette, the Wheel of Karma, the Wheel of Samsara -- that is, mating, reproduction, full adult status in the tribe with all its responsibilities, burdens and narrowing of potential. (The DNA has programmed for survival of the species: biogenetic immortality).

Slot 11, Justice-Aquarius, is the final planetside bond, to the tribe, the nation or (in advanced times) the planetary ecosphere: Full Responsibility.

TAROT II AND TERRA II

At this point, in most cases, evolution stops. The later circuits are imprinted only through accident (near-death), illness (some epileptic or schizophrenic breakdowns-breakthroughs) or deliberate training in alchemical, psychedelic, shamanistic or yogic arts. These are the futuristic, extra-terrestrial circuits.

Fifth Circuit mutation and imprinting is the well-known Satori or Turn On; neuro-somatic rapture, bliss states, transcendence of the compulsive, robot repetition of previous imprinted modes of consciousness-behavior. This is a neurological leap from the digital left lobe of the brain to the analogical right lobe. Examples: the yogi, the drop-out, the contented pot-head. Gurdjieff 24 vibration, **I Ching** TUI, the Joyous.

Slot 12, the Floating Man (not the Hanged Man) is the passive-consumer stage (Fifth Circuit schizophrenia, if not outgrown). The floating sensory-somatic ecstatic, smugly superior to all the "square" lower-circuit types, convinced SHe now has total truth and wisdom. The average hippie or yogi.

Slot 13, Death, the "fifth brain" or trans-ego intelligence (the Body-Mind; Body of Buddha; etc.)

Slot 14, Art or Temperance, the Tantric union: two fifth-circuit persons who have learned the delicate Hedonic engineering of Tantric sex, merge their nervous systems, and create a five-circuit two-body time-capsule.

Circuit Six, Gurdjieff 12 vibration, **I Ching** LI, Light, is metaprogramming intelligence. No-ego, multi-ego, energy-body, White Light consciousness.

Slot 15, The Devil: basic Samadhi; **experienced** (not verbal, or even mathematical) knowledge of the energy below the "material."

Slot 16, The Tower, the sixth "brain" or metaprogramming mind, allowing "serial reincarnation" in the same body, continuous self-metaprogramming and re-imprinting for higher intelligence, greater joy, further high-fi reception of ever-more subtle signals.

Slot 17, The Star, the neurophysical bonding with Higher Intelligences in space-time not perceptible on lower circuits.

Circuit Seven, Gurdjieff 6 vibration, **I Ching** SUN, Seed, mediates neurogenetic intelligence **per se.** Actual tuning-in to the DNA/RNA dialogue within the neuron, the galactic life-script (i.e., this neurogenetic array or life-blueprint for the galaxy.)

Circuit Eight, Gurdjieff's 3 vibration, **I Ching** CH'IEN, Heaven, is metaphysiological fusion, re-integration with the Galactic Mind.

We will explain these later circuits in more detail.

THE TRIP TO HEAVEN

Within the next 10 years humanity will have mastered nuclear fusion for star-flight and decoded DNA to provide for life-extension, longevity and eventual Immortality. Within 20 years, humanity will confront a new problem, a new basic philosophical choice: to become planetary colonists or star-rovers, space-squatters or time-travellers.

This issue is not new. During much of its existence **homo sapiens** has followed a migratory path; the theme of movement is basic to human seed. All epics are trip-journals, chrono-logs: Odysseus, Quixote, Huck Finn, etc. The basic mythic pattern is life, struggle, death, rebirth, ascent to heaven.

The first four circuits are the death-rebirth program (biological Immortality through the Seed.) The latter circuits are the Ascent to Heaven program: a leap into the stars and a biological-scientific engineering of Immortality-via-chemistry.

(For scientific data, see Ettinger, **Prospects of Immortality**, and Man Into Superman; Segerberg, **The Immortality Factor**; Leary, **Terra II**; Tucille, **Here Comes Immortality.**)

Slot 19, Tarot Sun, is the nucleus-brain of the Seventh Circuit. The human nervous system imprinting DNA, becoming a conscious instrument of the genetic plan. Moment of genetic revelation. The robot becomes aware of it's designer's strategy. The DNA has been moving to this point ever since it was planted here 3-1/2 billion years ago.

Slot 20, neurogenetic fusion (Tarot Last Judgement, or Resurrection -- transcendence of the Death Imprint) is attainment of the life-unity intelligence forecast by Oriental philosophers and Christian mystics.

The genetic code now is conscious of the entire scan of its galactic past and of the sequences to come. There is no "higher" or "lower" consciousness at this point. The entire multi-billion-year DNA spectrum is a timeless network, relativistically simultaneous (as indicated by Einstein's equations) and concretely simultaneous in that the entire evolutionary drama exists, alive and conscious, in the DNA code which resides within the nucleus of every cell of every living organism in the galaxy.

It is inaccurate to speak of "past, present and future:" the "now" as opposed to the past and future is a physiological present. The "now" of the DNA code is the spectrum of all the bodies emerging over the multi-billion-year span.

Neurogenetic linkage involves our hooking up with life forms that are "younger" and "older" than us. Every species plays a part in the linkage. (The teen-age girl in Saigon can be defined one way as a mechanism for transporting the syphilis germ to Fort Ord, California.)

A tremendous shock of humiliation to our human-superiority illusions is involved in making the neurogenetic linkage. Just as the emotional Emperor ego must be transcended in order to master Circuit 3 objective thinking, and just as the social Capricorn ego must be transcended to attain Circuit 5 somatic rapture, so must the genetic ego, the chauvinism of being human, "die" in the neurogenetic fusion of circuit 7.

Slot 20 defines the fusion of biological life with meta-life intelligence. We face here the probability that the galactic life-cycle is itself but a momentary phase in the galactic energy-process. The higher (older) DNA intelligences have unquestionably learned how to master gravitational force-fields and genetic engineering. They have understood how the life process is created and by what intelligence, for what purposes. Neurogenetic linkage with these more advanced Life Forms will take us to the frontier where life merges with, evolves into, meta-life.

The first reaction of the Metas to electro-magneto-gravitational consciousness will undoubtedly be similar to the passive-consumer stages on all previous circuits. Rapturous exploration, adolescent self-indulgence.

This Slot 21 marks the entrance to inter-galactic networks and the final shedding of the biological container. There is no need to create inventive prose to describe the Intergalactic Intelligence. Most of the great religious teachers have deduced the properties and characteristics.

We need simply remind the reader that this intergalatic intelligence is metaphysiological, **not metaphysical.** It resides in electro-magnetic-gravitational fields creating consciousness-intelligence which is pervasive, omnipresent and contemporaneous -- a unified physical field, a shimmering galaxy-wide conscious computer into which the individual neurogenetic organism can input his total consciousness, thereby forming the eighth "brain."

This, the highest-slot within the galaxy may be presumed to be evolving also toward higher intelligence and wider fusion. The Black Hole mystery may have a simple solution as a gateway for galactic mind to seek fusion with nearby galaxies and so on until cosmic mind is formed.

It seems esthetically right, somehow, that the final teleological interaction of planetary existence is the magnetic attraction that finally pulls us within the great dark womb of a Black Hole. The entire galaxy is thus seen as sperm-stuff hurtling to fusion within the mega-gravity of the Black Hole itself.

Astrophysics provides the final lyrics to the music of the spheres. "Come home," SHe murmers. We answer, "Hold on, we're coming!"

A NOTE ON ASTROLOGY

Astrological interpretations obviously depend upon the larval level of the subject and the larval level of the interpreter. Thus, astrological validation studies often fail to work because the subjects are robots so frozen and limited by social conditioning that they have never manifested their genetic individuality. Astrological predictions can only be tested with persons who have broken out of social roles and whose genetic templates have been given a chance to manifest.

The basic theory is that the genetic templates which determine neurological wirings are laid down in time-cycles. Solar radiations trigger off consistent monthly changes in the genetic code which account for the differences in nervous systems which differences then manifest as behavior.

In 1967 an informal astrological study was initiated by Carole Winter, M.D. A notebook was prepared with a page for male Aries, female Aries, etc. During a three-year period she wrote in the appropriate page the name of every person who met three requirements: (1) the person had ingested large quantities of psychedelic drugs, (2) had dramatically altered the style of their life from socially imprinted expectations and (3) was well enough known that their "personality" could be understood.

After 300 cases had been listed, the results stood out in neon. It was simply necessary to say to someone who knew the subjects, "Listen to this list of 15 female Leos." The results were so obvious that amazed laughter was the response.

To use a neurogenetic system like astrology, it is necessary that you understand the difference between: 1. genetic templates, 2. neural imprints, and 3. socially conditioned habits. Only the first are astrologically determined, and even these are often masked, especially in modern homogenized society, by robot conditioning for total conformity. Drugs which remove or suspend the social conditioning thus allow the genetic template to manifest more obviously.

A NOTE ON YOGA

The mechanism of hatha yoga can now be understood more clearly. The first step, **asana,** is a rigid posture held for interminable hours, days, weeks of practice. This is a method of erasing First Circuit forward-back space imprints by starving them out, so to speak. The energy is driven upwards to other circuits.

The second step, **pranayama** (literally: energy control), is a special rhythmic breathing that empirically does have the effect of stilling emotional dominance-rage of submission-fear programs. This starves out the up-down axis of the Second Circuit, and again drives the energy upward.

The third step, **dharana,** concentrating on a single image, stops the biocomputer ("internal monologue") and starves out the Third Circuit, driving energy again upwards.

Finally, **yama** and **niyama** (basically, celibacy and detachment), shut off and starve out the erotic-domestic programs of the Fourth Circuit. The energy now has nowhere to go but into the Fifth or still higher circuits, with accompanying mutational change in neural functioning known as **dhyana** or Awakening. It is awakening to new signals and new Gestalts integrated out of those signals, as in all neural evolution.

Tantric yoga employs orgasmic control to mutate Fourth Circuit energies into Fifth, rather than merely starving them out.

Traditional shamanism seeks the same effects either by psychedelic drugs (of which 2500 are used by New World tribes alone, according to LeBarre's **Ghost Dance: Origins of Religion**) or by placing the student in real or simulated near-death trauma. In both cases, the neural transformation again takes the form of opening Fifth or higher circuits for imprinting by rapture and reception of new signals.

None of the higher circuits have much application beyond the passive consumer state of mindless bliss while on "flat, Euclidean" planetary space. Their actual evolutionary function is for orientation, travel, and communication with trans-human intelligences, in Einsteinian space-time. The "religious, mystical" experiences of many astronauts show that these transformations began automatically -- without yogic, shamanic or alchemical preparation -- quite soon after leaving Earth gravity.

The digital left lobe of the brain (first four circuits) is designed for planetside survival. The analogical right lobe is for Deep Space.

ULTIMATE FUSION

On April 1, 1974, two Cornell University astronomers, Carl Sagan and Francis Drake, came to a California prison to debate with a convict. Sagan and Drake were engaged in obtaining five billion dollars for Project Cyclops, a Slot 15 electronic passivity device to receive electronic signals from interstellar consciousnesses.

They were concerned that nuclear fusion Starflight projects like Orion or Terra II might distract attention and funding from their giant eye. They imagined that we desire to leave this Slot 15 science for Slot 18, another planet.

"Terra II is a time-ship," we explained. "We want to keep moving from star to star. We don't want to wait passively for Higher Intelligence to telephone us. We want to keep moving toward the speed of light to reach the heart of the galaxy."

"You'll have to leave your bodies to do that," said Carl Sagan.

"That's the aim of the game," we replied.

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The DNA Society

THE PERIODIC TABLE OF ENERGY

ELEMENTAL FAMILY / G. VIBRATION — CHAKRA / TRIGRAM	RECEPTIVE PASSIVE PHASE	INTEGRATIVE PHASE	ACTIVE OUTPUT PHASE
THE NOBLE GASES METAPHYSIOLOGICAL 3	21 THE GALACTIC CONSUMER ESCAPE FROM THE ORGANISM INTO THE GALACTIC MIND	22 GALACTIC INTELLIGENCE COSMIC CONSCIOUSNESS	23 GALACTIC FUSION INTERGALACTIC COMMUNICATION
THE HALOGENS NEUROGENETIC 6	18 OPENING THE GENETIC ARCHIVES THE PLANETARY COLONIST	19 GENETIC REVELATION ACCESS TO THE DNA BLUE-PRINT FOR THE ENTIRE GALAXY	20 TELEGENETIC FUSION LINKAGE WITH OTHER LIFE FORMS IN THE GALAXY
THE OXYGENS NEUROELECTRIC 12	15 TRANSHUMAN CONSCIOUSNESS THE ELECTRON CONSUMER	16 NEUROLOGICAL INTELLIGENCE LINKAGE TO THE COSMIC MIND	17 THE NEW COSMIC HUMANITY TERRA II
THE NITROGENS NEUROSOMATIC 24	12 ENTRANCE-MENT RAPTUROUS DETACHED PASSIVITY THE HEDONIC CONSUMER	13 NEUROSOMATIC INTELLIGENCE DEATH OF PREVIOUS DUALISMS	14 NEUROSOMATIC FUSION THE TANTRIC LOVERS
THE CARBONS DOMESTIC 48	9 TURN ON OF THE SEX CIRCUIT THE ADOLESCENT	10 SOCIAL-SEXUAL INTELLIGENCE MATING PARENTHOOD	11 SOCIAL CONSCIOUSNESS THE UTOPIAN LOVER
THE BORONS SYMBOLIC 96	6 KNOWLEDGE CONSUMERISM THE STUDENT MIND	7 RATIONAL INTELLIGENCE THE INTEGRATING INTELLECT	8 THE MASTER MIND THE BROTHERHOOD OF SCHOLARS
THE BERYLLIUM-ZINC METALS EMOTIONAL 192	3 EMOTIONAL CONSUMERISM THE SLY PRIESTESS	4 EMOTIONAL INTELLIGENCE ADRENAL HEADQUARTERS	5 EMOTIONAL FUSION THE BIG LOVER
THE ALKALINE METALS BIOSURVIVAL 384	0 THE UNATTACHED FLOATER	1 THE SURVIVAL ARTIST	2 THE EARTHLY LOVER

Leary + Wilson, 1975

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THE PERIODIC TABLE OF ENERGY

PHASE ⇨ / CIRCUIT ⇩	Reception Afferent Dendrite	Integration 'Brain' Soma	Transmission Efferent Axon
noble gases	GALACTIC CONSUMER	GALACTIC INTELLIGENCE	GALACTIC FUSION
METAPHYSIOLOGICAL (3) chien heaven	ESCAPE FROM THE ORGANISM INTO THE GALACTIC MIND astral body 22	the universe 23	black hole 24
halogens	OPENING THE GENETIC ARCHIVES	GENETIC REVELATION	TELEGENETIC FUSION
NEUROGENETIC (6) sun seed	PLANETARY COLONIST moon 19	ACCESS TO THE DNA sun 20	LINKAGE W/ OTHER LIFE FORMS IN GALAXY last judgement 21
oxygens	TRANSHUMAN CONSCIOUSNESS	NEUROLOGICAL INTELLIGENCE	THE NEW COSMIC HUMANITY
NEUROELECTRIC (12) Li light	ELECTRON CONSUMER devil 16	LINKAGE W/ COSMIC MIND tower 17	TERRA II star 18
nitrogens	ENTRANCE-MENT	HEDONIC ENGINEERING	NEUROSOMATIC FUSION
NEUROSOMATIC (24) tui pleasure	RAPTURE CONSUMER hanged man 13	DEATH OF PREVIOUS DUALISMS death 14	THE TANTRIC LOVERS art 15
carbons	TURN-ON OF THE SEX CIRCUIT	SOCIOSEXUAL INTELLIGENCE	SOCIAL CONSCIOUSNESS
DOMESTIC (48) Ken protection	THE ADOLESCENT hermit 10	MATING; PARENTHOOD Wheel of life 11	THE UTOPIAN LOVER justice 12
borons	KNOWLEDGE CONSUMER	RATIONAL INTELLIGENCE	THE MASTER MIND
SYMBOLIC (96) Kan toil	THE STUDENT MIND lovers 7	INTEGRATING INTELLECT chariot driver 8	BROTHERHOOD OF SCHOLARS strength 9
alkaline-earth metals	EMOTIONAL CONSUMER	EMOTIONAL INTELLIGENCE	EMOTIONAL FUSION
EMOTIONAL (192) ch'en movement	sly priestess 4	ADRENAL HEADQUARTERS emperor 5	THE BIG LOVER high priest 6
alkali metals	UNATTACHED FLOATER	SURVIVAL ARTIST	THE EARTHLY LOVER
BIOSURVIVAL (384) Kun earth	fool 1	magus 2	empress 3

Leary & Wilson, 1975

PV119 AVERY ™

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THE PERIODIC TABLE OF ENERGY

(Correspondences Among:

The Periodic Table of Elements,

The Neurogenetic Theory of Evolution,

The Tarot,

The I Ching,

The Zodiac)

Transmitted by Joanna and Timothy Leary

Vacaville Prison, May 1974

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The Meek Shall Inherit the Earth

The Wise Keep Moving On

Speed Leonards

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 liklihood, never perish--they will migrate from sun to sun as they go out. And so there is no end to life, to intellect and the perfection of humanity. Its progress is everlasting.

Konstantin E. Tsiolkovski
Soviet astrophysicist, who
has been called the "Father
of Cosmonautics."

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This signal was received at Vacaville Prison

Dick Scheidt

and

Arthur "Speed" Leonnards

Helped

the

Transmission

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Books by Joanna Leary

The Little Green Book

~~Neurologic (with Timothy Leary)~~

~~Terra II (with Timothy Leary) and Lynn Wayne Benner)~~

~~Interstellar Neurogenetics (with Timothy Leary)~~

~~The Neurogenetic Tarot (with Timothy Leary)~~

~~The Curse of the Oval Room (with Timothy Leary~~

Books by Timothy Leary

Interpersonal Diagnosis of Personality

Multi-level Measurement of Interpersonal Behavior

Psychedelic Experience

Psychedelic Prayers

Politics of Ecstasy

High Priest
Jail Notes
Confessions of a Hope Fiend
BOOKS BY JOANNA AND TIMOTHY LEARY
Neurologic ~~(with Joanna Leary)~~

Terra II ~~(with Joanna Leary)~~ (with L. Wayne Benner)

Interstellar Neurogenetics ~~(with Joanna Leary)~~

~~The Neurogenetic Tarot (with Joanna Leary)~~

The Curse of the Oval Room ~~(with Joanna Leary)~~

The Periodic Table of Energy

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The laws of Gravity are super-ceded

by the laws of levity

Humor is Einsteinian - based on

relativity, ~~laughter~~ light, changing, moving

~~the exciting laughter of the light-~~

~~changing-moving~~ laughter is ~~exciting~~ in ~~freedom~~ from

~~the heavy-static~~

laughter is the reflex expression of

freedom - ~~of the~~ pleasurable release from neurological

bondage to the heavy-static.

Both the enslaved and the enslaving

dislike ~~laughter~~ humor because laughter

is the song of the free.

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DEDICATION

This transmission is dedicated to the Imprisoned.

most imprisoned—
All living organisms on this planet are ~~xxxxxxxxxxxxxxxx~~,
encumbered
tied down, ~~confined~~, caged, restrained by the pressure of gravity.
confined to the planet
Shackled, weighed down, ~~encumbered.~~ This accounts for the basic malaise,
the
the sense of homelessness, pressure, the restlessness, depression, aim-
"fall"
lessnes, cruelty, territorial irritation that characterizes human life.
The original ~~sin~~ the cause of human suffering is gravity.

The human being is ~~xxxxxxx~~ designed to live in zero-gravity,
pupal
to float free, to fly unimpeded ~~xxxxxx~~ by the pull of these temporary
planetary on which we have been grounded for breeding
artifical ~~xxxxxxxxxxx~~ ~~breeding grounds~~.
purposes
~~This is a transmission designed to~~

The recent Skylab orbital mission demonstrated that humans can live
~~xxxxxxxxxxx~~ and function happily in zero-gravity freedom. Medical studies
demonstrated that after 87 days of ~~gravity~~-free-floating astronauts were
actually healthier. The malignant effect of gravity ~~xxxxxxxxxxxxxxx~~
literally depressing,
on human organs is obvious--pulling down, forcing the body to ~~continually~~
lumber around ~~with~~ hauling ~~its~~ 100-200 pounds of heavy, sagging flesh.
The human life span will be dramatically lengthened by zero-gravity existence--
even without the use of immortality drugs.

This transmission is designed to free all life forms. It is an
escape note. A survival manual explaining how to decode the basic ~~xxxxxx~~ blueprint
which guide the evolutionary journey.

early
This transmission is particularly designed for those who are confined
~~xxxxxxxxxxxxxxxxxxxx~~ by force and violence in the jails and prisons of
every country in the world.

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It is a well-known, but continually supressed, fact that with few exceptions every human being who has contributed to the evolution of knowledge has received, integrated and transmitted the great liberating messages in exile or prison. The great signals always come from intelligent aliens, "on the outside looking in". In the words of Richard Scheidt, "It is the obvious course of wisdom to distrust the teachings of anyone who has not faced the threat of death, exile, and imprisonment for his teachings."

While it is probably true that the great liberating revelations have come from prisoners and exiles, the converse is unhappily not true. Not all prisoners and exiles have access to new truths. And here lies the sorrow of the prisoner. It is at the very bottom of society that one finds the alien intelligence. While the socially conditioned robot marches docilely through domesticated sequences never daring to question the meaning of the charade, haunted by the fear that one question will unravel the fabrication, the long-term prisoner is forced to face by contrast the questions. Only the criminal or the similarly alienated is offered the possibility of escaping the neural bonds which culturally confine perception. The original Latin meaning of the word "accused" means "to be called to account." The penitentiary, the reformitory is the place where one is forced to re-form, to re-habilitate (literally to make oneself capable or qualified). The CRIMINAC is called to account for the human situation.

It is for these reasons that prisoners spend much of their time philosophizing, moralizing, speculating, searching for answers which domesticated citizens cannot be bothered with.

The prisons in the California Archipelago are hotbeds of theological, psychological, and social agitation. Every creed, cult, sect, spiritual discipline, occult dogma sends its teacher-preachers into the prison. The prison library is jammed with spiritual and mental health texts.

~~According to the distinguished~~

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An extensive sociological study of the religious beliefs and practices of prison inmates has been conducted by Arthur Leonards who says, "The philosophies available to the prisoner in the form of books and teaching programs are exclusively concerned with the soothing, calming, comforting of anxiety and suffering. The vitues extolled are peace, love, blind-faith brotherhood, unity, ~~conformity~~ conformity, renunciation of desire, relaxation, patience, All the techniques used --meditation, prayer, contemplation, hymn-singing, worship, yoga, reading, discussion, lecture--are designed to comfort the anguished and pacify the confused with verbal panaceas. The only action required is ~~prosylitization~~ proselytization and repetition of the soothing ~~procedures.~~ rituals ~~The zinnvizzbiexcnnnsexqnnnnnxnf ixnnexynnnxznngunnnzrnnsxinnzzisz~~ Since these spiritual techniques answer no questions and solve no problems the worship procedures must be continually repeated, the books read and reread with ~~the~~ opium compulsion ~~of drug addicts.~~ ~~The~~ The ~~konks~~ inspirational books and ~~th~~ sermons are like pink cotton candy. They look delicious, they taste good, but being composed of air heated they leave ~~nothing~~ only ~~but~~ a pink sugary ~~tx~~ flavor on the tongue and nothing in the belly."

"The prison sociologist is inundated by requests from sincere searching inmates for books to read and cults to join. The dilemma is vexing. What is one to say to a prisoner who ~~as~~ requests the name of a book which will help him understand the human situation? ~~thezmsanzngzzzzzgoxizzmfxiifex~~ Just one book in which the meaning and goals of human life are clearly and precisely stated? There is, of course, no such book. There is not even a sequence of reading that one can suggest.

"What do you want to learn from a book?"

"About life. About metaphysics."

"What is metaphysics?"

"Oh, it's about the higher life. About spiritual things."

"Metaphysics means 'beyond physics'. Do you know a lot about physics?"

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

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things."

"Well, I don't see how you can go beyond physics until you have understood the basic principles of physics. Do you know what Einstein did?"

"He was a genius." crazy

"He showed mathematically that all matter is energy at different rates of speed. That's the most spiritual idea I ever heard of."

"That's far out. But I want to know about the future. Do you believe in astrology? Do you believe in the Tarot? My cell mate has a book on the I Ching. It's heavy, man. 740 pages. Chinese. Should I read it?"

"No. That book is a phoney."

"Well what should I read?"

"Read science fiction."

"What! That's not spritual and philosophic."

"Yes it is my friend. It's the only ~~xxxxxxx~~ philosophy ~~being~~ they are ~~written~~. It's about the future. And leaving planet earth. And finding immortality. And contacting Higher Intelligence. ~~Xxx~~ Science Fiction may not be meta-physics, but it is ~~xxx~~ extra-terrestrial and this planet needs all the extras it can get." writing these days."

So we transmit this book for Arthur Leonards to give to & His ~~prison~~ friends in prison.

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Slot-Zero: Bio-neural Passivity; the Unattached Potential

Slot-1 : Bio-Neural Intelligence; the Survival Mind

Slot-2 : Bio-~~Survival~~ Fusion; The Security Link

Slot-3 : Emotional Passivity; the Below Life

Slot-4 : Emotional Intelligence; the Ego

Slot 5 : Emotional ~~Dominance~~; the Power Structure

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Slot-7 : Integrating Intelligence; the Balancing Mind

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Slot-9 : Sexual Passivity; the ~~Bachelor~~

Slot-10 : Impregnation; ~~the~~ Domestic ~~Kind~~ Intelligence

Slot-11 : Domestication; ~~Sexual Morality~~

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TAROT II A THE TWELVE STAGES OF EXTRA-TERRESTRIAL EVOLUTION

Slot-12 : Neurosomatic Passivity; the Rapture Consumer

Slot-13 : Neurosomatic Intelligence; Soma, Eros

Slot-14 : Neurosomatic Fusion; The Tantric Linkage; the Alchemist Marriage

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Slot-22 : Meta-physiological Intelligence

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Assume that

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6.3 There is a Natural Sequence to the Trigrams Which May Provide Clues for the Understanding of Other Energy Rhythms

6.4 Let the I Ching Be a Neurogenetic Code Which Spells out the Eight Periods of Terrestrial-extraterrestrial Evolution

6.5 Let the Eight Trigrams of the I Ching Represent the Eight Neurogenetic Circuits

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PART I

1.0 THE PERIODIC TABLE IS THE SYSTEMATIC MODEL AND THE NERVOUS SYSTEM IS THE BASIC INSTRUMENT FOR STUDYING ENERGY AT ALL LEVELS OF EVOLUTION

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ULTI-MATE

THE ~~ULTIMATE~~ SIGNAL

" Hold on, we're coming."

Received by Leon Beverly,
Mother's Day 5-11-74
Vacaville Prison

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1.1 The Periodic Table of Elements arranges the Chemical Elements in order of Atomic Numbers thus revealing a Periodic Variation in many of their Properties.

The Periodic Table of Chemical Elements was first described in 1868 by the Russian Dmitri Mendeleyev.

Before Mendeleyev the elements and compounds of inorganic chemistry were disorganized and chemical theory was based on ~~and prediction limited~~ to diffuse, unsystematic experimentation.

All matter ~~whether in natural form or man made~~ "however dissiliar in shape, look or purpose--is made up, in one compound or another, of only 88 natural elements....This limited larder of materials has produced the infinite variety of things by which man lives in much the same way a 26-letter alphabet has provided the enormous array of words by which he communicates: through differing combinations, arrangements, and juxtapositions

"Whether artificial or natural, elements are grouped into 'families' their hallmark being the way they behave when introduced to members of other families. Their most"high-hat" are the 'noble gasses', so called because they stay aristocratically aloof from all other elements. Two much more democratic clans are the halogens, or salt-formers, and the alkali metals; both readily associate with other elements."

There are eight basic element families.

"...by 1870, a total of 65 elements had been captured and tagged. It was a motly array in which little perceptible order reigned; inter-relationships between elements, possible family ties, seemed to defy positive identification. What was required was a systematic, persistent, incredibly patient examination of great and often bewildering masses of fact. This mammoth task was undertaken by ~~a Russian Dmitri~~ Mendeleyev. A glimpse inside any high-school science classroom today will attest to his triumph; hanging resplendent

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on the wall, the familiar Periodic Table of Elements is--albeit in modern dress--his enduring handiwork." (quotes from "Matter" published by Life Science Library).

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1.2 The Eight Families of Elements Are Arranged in a Rhythmic, Directional Sequence

Group 1: The alkali metals. Soft elements with some violent tendencies. Group 1 elements have only one electron in their outer shell. These electrons are easily lost by the nucleus, flying off to combine with other elements at the least pretext--thus accounting for the family's violent nature.

Group 2: The alkaline earth metals. A down-to-earth Family. This group is more stable than the blustering alkali metals because of their atomic structure. The radius of the atoms and the orbits of the electrons are smaller than that of the alkali metals and their two outer electrons are more tightly held.

Group 3: The Boron family is a trivalent (three electrons in outer shell) metalloid, for the most part very common in the earth's crust and occurring only in combination.

Group 4: The Carbon family is a motly crew of varied elements. The diversity is caused by the fact that with four electrons in the outer shell, they lie squarely between the alkali super metals and the super nonmetal halogens. "Out of this no-man's land comes man himself and indeed all of life. It is because carbon acts somewhat like a metal and somewhat like a nonmetal that it can combine in a fantastic variety of ways. There are well over two million carbon compounds (called organic compounds) about one and a half times the number formed by all the other elements combined (inorganic compounds). Somewhere

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among this vast array of carbon substances, still unidentified lie the living molecules which have prolifereated to produce all life forms."

Group 5: The Nitrogen family elements have five electrons in their outer shell. The elements have many faceted personalities. From the lightest (nitrogen) to the heaviest (bismuth) their properties shift from nonmetallic to metallic.

Group 6: The Oxygen family elements have six electrons in their outer shell. Each element in this group exists in more than one form in nature

Group 7: The group of elements known as the halogens all have seven electrons in their outer orbit; thus they readily 'pick up' an electron from the other atoms to form electrically charged 'ions'. These elements are distinctly nonmetallic; their outer electrons are so tightly held that they are rarely lost in reactions with other elements.

Group 8: "The Noble Gasses, a staid clan that lives according to its lights." "The gases known variously as inert, noble or rare form almost no compounds with other elements. And indeed, the atoms of the same inert gas will not couple. The unsociable nature and extreme stability of inert gases is due to their electronic structure. Because the outer orbit of each is completely filled with electrons, these atoms have almost no incentive either to lose or gain electrons in the presence of other atoms.

This octave defines the rhythm of all matter--on earth and throughout the galaxies. If there is any code, any basic pattern to life it must surely be based on or relate to thie eightfold sequence.

This book explores the possibility that the eight-fold rhythm of the Periodic Table defines the course of neurogenetic evolution --earthly and terres-

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trial. And, the possibility that the Periodic Table is the basis for the great systems of neurogenetic philosophy which have been passed on from antiquity in the code-form of,

The Tarot

The I Ching

The Zodiac.

1.3 Let the Eight-fold Periodic Table Serve As a Model and Code For Biological and Neurological Evolution

~~At the present time the biological and psychology and philosophy are at the prescientific stage of chemistry before Mendeleyev.~~

At the present time the prescientific status of biology, psychology, philosophy is similar to that of chemistry before Mendeleyev. The life sciences and the human sciences have amassed an enormous collection of facts but there is no model for systematically inter-relating the facts. Some of the mechanisms of genetics have been discovered, but the overall strategy and direction of the evolutionary process is unknown. Psychology and neurology, in particular, are fragmented and ineffective because there are no systematic guideposts or basic structural explanations.

In this book we shall suggest that the Periodic Table of Elements is a model, not just of the systematic variation in the properties of atoms, but is a system for arranging also can be used to arrange the stages of biological and neurological evolution. Thus we can speak of The Periodic Table of Energy as the blueprint of evolution

Specifically, we suggest that the eight families of elements define eight periods of evolution and that the properties of the eight groups predict the characteristics of the eight phases of evolution.

The general direction of the Periodic Table is from earth to atmosphere, from earth metals to gases. The general trend is clear-- from Group 1 to Group 8

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the more electrons in the outer shell, the more likely the element is to be escaping from the earth's gravity. Metals tend to fall downward towards the center of earth gravity; gases tend to move upwards away from the center of earth gravity and into extra-terrestrial atmosphere.

The direction of the Periodic Table of Elements is from terrestrial to extra-terrestrial.

The first four families are metallic, solid, and terrestrial:

Group 1: Alkali metals

Group 2: Earth metals

Group 3: Boron family

Group 4: Carbon family

The last four families are acidic, gaseous or, if solid, easily sublimated. They are thus extra-terrestrial.

Group 5: Nitrogen family

Group6: Oxygen family

Group 7: Halogen gases

Group8: Noble gases.

Taking this cue from the Periodic Table of Elements we shall examine other systems of energy classification to see if they follow the eightfold trend from terrestrial to extra-terrestrial.

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Preface

1.4 this book uses the Periodic Table of Elements as a Device for the ~~Think of this book as a~~ translation, transmission, transformation transcription, transfer, transfusion of the symbols of modern Astro-physics, Neurology and chemistry, Genetics to the symbols of religion, Metaphysics, psychology, philosophy Alchemy

Translation: a rendering from one language into another; a change to a different substance or form; the process of forming a protein molecule at a ribosomal site of protein synthesis from information contained in messenger RNA. the I Ching, the Zodiac, the Tarot decoded as DNA scripts.

Transmission: ~~a act~~ the, process ~~or instance~~ of transmitting a nerve impulse across a synapse; the passage of radio waves in the space between transmitting and receiving stations; an assembly of parts, including the speed changing gears by which power is transmitted from an engine to a live axle. the eight ~~seven~~ gears of the nervous system; the eight ~~seven~~ levels of I Ching, Zodiac and Tarot. The Eight Families of Elements.

Transcription: an arrangement of a musical composition for some instrument or voice other than the original; electrical transcription; the process of constructing a messenger RNA molecule using a DNA molecule as a template with resulting transfer of genetic information to the messenger RNA. the Tarot-Zodiac-I Ching correspondences.

Tranformation: the operation of changing (as by rotation or mapping) one configuration or expression into another in accordance with a mathematical rule; esp: a change of variables or coordinates in which a function of new variables or coordinates is substituted for each orginal variable or coordinate; the formula that effects a transformation; one of an ordered set of rules that converts the deep structures of a language into surface structures; genetic modification of a cell and esp. of a bacterium by introduction of DNA froma genetically different source. the twenty-four stages of evolution; the Twenty-four Tarot cards, the twenty-four stages of the Zodiac

Transfer: to convey from one person, place or situation to another; to print or otherwise copy from one surface to another by contact; the carry-over or generalization of learned responses from one type of situation to another; a place where a transfer is made(as of trains to ferries or as The Twenty Four

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where ~~or as whole~~ one form of power is changed to another; a ticket entitling a passenger to continue his ~~journ~~ or her journey on another route. Tarot I and Tarot II. Zodiac I is a ~~trans-fusion~~ and Zodiac II.

trans-fusion; trans, prefix meaning on or ~~at~~ to the other side of; across, beyond; beyond a specified chemical element ~~x~~ in the periodic table (transuranium) characterized by having such atoms or groups on the opposite side of the molecule; fusion, the act or process of liquefying or rendering plastic by heat; a union ~~by melting~~ by melting; a merging of diverse elements into a unified whole; a political partnership; the union of atomic nuclei to form heavier nuclei resulting in the release of enormous quantities of energy when certain light elements unite. ~~The Terrestrial Zodiac and the Extra-terrestrial Zodiac~~ The nervous system is the instrument for receiving, integrating and transmitting knowledge.

1.5 There is the ~~familiar~~ story of Charles Darwin voyaging in the Beagle, observing and classifying the various species found in the most remote regions of the anitpodes. This is the time for a parable. ~~In similar fashion~~ Assume that the authors have spent a much longer period of time exploring by almost every means available the ~~galactic immensities and~~ varieties of ~~the~~ consciousness and behavior of the various species of the genus homo. This conclusion ~~is significant~~

One conclusion has emerged. ~~It~~ is obvious but yet its importance and universality has not been understood nor applied in human affairs. ~~This~~ It is this: nervous system is The nervous system is the center, ~~unit~~ source and sole instrument of consciousness, learning, memory, behavior, intelligence, and knowledge. There is only one field of science and knowledge and that is Neurologic; the logic of the nervous system.

All other human disciplines and behaviors exist only ~~through~~ as registered, recorded and mediated ~~mediated~~ by the nervous system. The dimensions, variables, divisions, groupings, lawful relations defined by the sciences and all the other fields of human endeavor are based on, filtered through, determined by the ~~dimensions, variables, divisions, groupings and lawful sequences~~ receptive, integrating and transmitting characteristics of the nervous system.

Assume that this discovery is similar to, but more important than, the emergence of atomic and nuclear physics. ~~We might~~ Let us speak of the "insteinianization of human knowledge by Neurologic. The relativization of consciousness and imprinted and learned circuits of reaction.

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3.6 Zodiac I Is Twisted: Zodiac II Is Extraterrestrial.

Floats

add 3.7 each spot trans-Zodiac

One might object that the nervous system as seat of sensation, perception, consciousness and intelligence is not a new concept. Again the comparison with atomic physics. Democritas pointed out that all matter was composed of atoms, over two thousand years ago. In spite of this clue, Newtonian physics produced the magnificence of modern technology in total disregard of the elemental energy-structure of matter. Assume that in exactly the same fashion the symbolic mind using the lower circuits of the nervous system have produced magnificent and complex systems of thought in total disregard of the basic neural structure of consciousness and intelligence.

The Einstinian formulae demonstrated the relativity of energy time, and matter. Leading to the transmutation of elements and the release of enormous energy by means of fission and fusion.

Neurologic assumes fluid the relativity of experience, experienced-time and mind by means of experiments which have fissioned and fusioned mental-conscious structures.

~~The A systematic descriptions of the anatomy and function of the circuits of the nervous system, their anatomical and functional and the sequential nature of their emergence in the individual and species is presented in the book Interstellar Neurogenetics.~~

Just as every natural science and every branch of engineering has been revised, expanded and redefined in the light of atomic and nuclear physics, so is it necessary to expand and redefine every branch of human knowledge in the light of the relativity and the fission-fusion capacities of the nervous system.

Neuro-ecology, the study of the nervous system in relation to the environment, might be considered the basic science of which every other science is sub-division.

Neuro-geology is the study of how our knowledge of geological processes are limited and directed by the capacitites of the nervous system and how the nervous system is formed and influenced for example

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by ~~the~~ geological forces.

~~keurnsphilosophyxisxthezsxudyxof~~

Let Neuro-physics ~~is the study of~~ be the studies of how our knowledge of atomic and nuclear processes ~~are~~ 15 limited and guided by the general capacities of the nervous system and by the neural imprinting and conditioning of the scientists ~~xaxzedxpxyx~~8 who study these processes and how the nervous system is formed and influenced by physcial forces.

This list of defining hyphenated hypothetical sciences could continue for pages. We are attempting to illustrate the fact that the basic instrument for receiving, storing, observing, recording, synthesizing, and transmitting information about ~~any and~~ all ~~xeixexes~~ fields of knowledge and branches of human activity is the nervous system along with the extensions of the nervous system which have been designed by the nervous system e.g. computers, electronics etc.

It is obligatory in every scientific report to describe in great precision the instruments used to obtain the data and the methods used to analyze the data. Science, ~~and~~ philosophy and human affairs in general operate with inefficiency and dangerous shortsightedness because of the ~~total~~ ignorance about the nature of the instrument used, i.e. the nervous system. ~~ixx~~ Human beings are larval robots ~~xpexaxingxixzzx~~ operationally programmed by 1. genetic templates, 2. neural imprints and 3. social conditionings of which they have no knowledge.

A ~~systematic~~ description 1. of the genetic blueprints which program and direct evolution and 2. of the circuits of the nervous system, their function and the sequential nature of their emergence in the individual and the species is presented in ~~thexxbook~~ Interstellar Ndurogenetics. This ~~book~~ Transmission is an instructional manual for the use of the nervous system according to the instructions issued by the manufacturer. would not a rudimentary understanding of the operation and management of the nervous system clarifies and enlightens every aspect of life? Just as the ~~mixcroscope~~ microscope produced a deeper understanding

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PART II

~~THE ZODIAC, PART I, THE I CHING AND THE TAROT~~

~~THE TAROT IS A INTERSTELLAR NEUROGENETIC SCRIPT WHICH SUMMARIZES~~

~~THE EVOLUTIONARY COURSE OF PAST AND FUTURE EVOLUTION~~

THE ZODIAC, THE I CHING AND THE TAROT ARE PRIMITIVE VERSIONS OF THE NEUROGENETIC CODE CONTAINED IN THE PERIODIC TABLE

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Larva: (NL, fr. L, specter, mask; akin to L lar) 1: the immature, wingless, and often vermiform feeding form that hatches from the egg of many insects, alters chiefly in size while passing through several molts and is finally transformed into a pupa or chrysalis from which the adult emerges and flies away 2: the early form of any animal thatat birth or hatching is fundemantally unlike its parent and must metamorphose before assuming the adult characteristics

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To Make the Tarot Equation, let the Minor Arcana [illegible] suits

2.1 The ~~Tarot Suits~~ Represent the Four Amino Acids; the Trumps the DNA Code

~~1.1 The Tarot Is a Neurogenetic Script Which Summarizes the Eight Billion Year Course of Past and Future Evolution~~

The primitive Tarot is a deck of seventy-eight cards. Of these, fifty six are divided into four suits similar to the popular-recreational deck except that there are four ~~xxx~~ Court cards instead of three.

The ~~current playing deck~~ Nevada primitive Tarot currently in vogue is sexually chauvinistic and magnetically imbalanced. King, Queen, ~~Jack, Ten?~~ Knight. And Page. A young boy replaces the girl? The Tarot ~~xxi~~ court cards ~~re-establish~~ of the heterosexual reflect Alistair Crowley reflect sexual balance. King. Queen. Prince. Princess.

~~xxxyxx~~ Some Neurogeneticists, among them Brian Barritt, and Robert Anton Wilson believe that the four suits (Pentacles, Cups, Swords, Wands) refer to the four amino acids ~~xxxxx~~ upon which the genetic code is based. Guanine. Cytosine. Adenine. Thymine.

The additional twenty-two Tarot cards are called "Trumps." Each trump card carries a symbolic picture, a personal title, and a library of textual-occult speculation. Each trump card represents a stage in the DNA blueprint of evolution.

The origin and evolution of the Tarot deck is ~~xxxzzzx~~ not clear. The Tarot possesses such ~~"spiritual" energy~~ philosophic significance that it has often been proscribed by orthodox priests, ~~and~~ disappeared into the alchemical underground, Surfacing in disguised and vulgar form as playing cards. ~~Many~~ Some scholars ~~xxxxxxx~~ believe that the Tarot ~~xxxxxxxxxxxx~~ ~~xxigz~~ evolved from the Egyptian mystery cults. The present form of the ~~xxxx~~ symbol code dates to the fourteenth century--which accounts for the haunting but confusing midieval flavor.

START ← new Page

2.2. The Tarot Is Not An Occult Divinatory Device; ~~xxxzxxxxxxx~~

Assume that the Tarot symbol-sequence is a message; a scientific formula ~~xxxxx~~ with great explanatory and predictive value. The cards are not for fortune telling. The use of the Tarot for personal divination is a superficial, ~~corruption~~ vulgarization which has led to an enormous literature of poetic, romantic, mundane, orthodox piety. The original precise time-script has been corrupted to ~~xxxxx~~ a text for larval-parochial morality

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and cloudy sermonizing.

SUMMARY

Is The Tarot ~~is literally~~ a precise and specific ~~rendition~~ of the genetic code? The genetic code is an amino-acid blueprint which preprograms the course of evolution. The DNA of any living creature carries the design of all the preceding forms and the forms to come. Each human being starts as a one-celled organism (at the moment of conception) and recapitulates the earlier forms of evolution during the embryonic period--gills etc. Recent evidence suggests that part of the DNA code seems to be blocked by chemical ~~masks~~ called histones. ~~xxxxxxx~~ The half of the DNA code blocked by histones according to Paul of Glasgow. PAUL may be the future-blue-printing sections of the code which are not to be triggered off until later stages of evolution.

The theory of Interstellar Neurogenetics holds that life is of extraterrestrial origin, ~~xxxxx~~ seeded on this planet ~~xxxxxxx~~ and pre-programmed to ~~xxxxx~~ pass through ~~xx~~ four cycles ~~xxxxxx~~ of neurological development ~~xxxxxx

energy, matter, and time is there-in revealed. And the response of the larval human is:"Can Einstein's equation tell me if I'm going to be rich or when I'll get my release date from the parole board?" The answer might be, "Well, the important implications of this equation predicts the possibility of nuclear energy, gravitational field-force, time-dilation allowing us to live for billions of earth years, fusion-propelled star-ships, etc. However, the equation possibly can apply to your problems of larval adaptation if you really understand it, but to understand it you have to have a post-larval nervous system which makes your larval problems less significant. Etc.

Shuffling and dealing the Tarot cards is like scrambling and rearranging by chance the numbered elements in the Period Table of elements. I deal out the element cards and find that Carbon crosses me, Iridium crowns me, Cadmium is beneath me, Strontium is behind me, Titanium is before me, Germanium is my hopes and fears, and Radium is what will come!

Synchonicity and telekinesis probably exist, particularly when one is dealing with neurophysical symbols. Fortune telling by shuffling chemical element cards may be as effective as any other divination method--particularly if it leads the Querent to think of his problems in terms of molecules, electron shells, quantum leaps, magnetic charges etc. Divination using the Tarot can be a useful Psy-Phy meditation technique--but the signficance of the prediction is only as effective as one's understanding of the scientific neurogenetic meaning of the cards. If the cards are interpreted in a simple system of good-for-me-bad-for-me than one can only be resigned to living out ethical dramatics.

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new Page

7.3 THE NEUROGENETIC THEORY OF EVOLUTION DEFINES FOUR LARVAL AND FOUR POST-TERESTRIAL STAGES OF HUMAN EVOLUTION

The Neurogenetic theory presents:

A Terrestrial

- cosmology
- politic
- epistomology
- ethic

and

A Post-terrestrial (interstellar)

- aesthetic
- ontology
- genetic
- teleology

based on the evolution of the eight-circuit nervous system through twenty-four stages. Why twenty-four?

Because each (of the eight) neural circuit has three functions:

- reception of signals
- integration of signals (intelligence)
- transmission of signals.

The first stage at each circuit is passive-receptive. (The Dendritic network.) The newly ~~emerged~~ evolved, emerging circuit must expand ~~it~~ and open up to incoming signals which are blocked by the lower circuits. The First Circuit infant (for example) does not receive the kinaesthetic signals which are the input of the Second muscular-dominance circuit. ~~The~~ At puberty, the post-adolescent becomes aware of myriad sexy ~~signals~~ signals ~~(sperm-egg~~ (invitations to sperm-egg transfer) to which the ~~Third~~ Three Brained child is blind.

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As soon as a new circuit is activated, the species and the individual go through a passive-receptive phase of exploring and rejoicing in the new spectrum of signals. We call this the dendritic "consumer" phase. The left-hand column of the Neurogenetic Table lists the eight passive stages.

But each neural circuit is hooked up to and designed for transmission. The axon. Linkage. Fusion. Passive-receptivity is self-indulgent, and internalized. Active-output is necessary to increase the variety and intensity of incoming signals. (Passive-receptivity becomes static.) The aim is communication. Linkage which multiplies meaning and intensity. If this process is called love, then Neurogenetics defines eight levels of love.

The right-hand axonic column of the Table is active-fusing, and defines the eight levels of "marriage.", i.e. reciprocal linkage.

The central column of the Table represents the integration which occurs in the cell-body of the neuron and in higher levels of the nervous system. The center which receives the incoming dendritic messages, stores, relates, analyzes, evaluates, and determines transmission. These define eight levels of intelligence.

Since there are eight circuits and since each circuit has three phases, defined anatomically and functionally, we define 24 stages of neurogenetic evolution. The destiny of the species is to evolve through these 24 stages. History and current observation suggests that species and individuals emphasize one stage. Genetic templating has designed a range of subspecies within certain species, where division of labor is required for gene survival. The DNA programming for certain programs, for example, (ants, bees) certain species of the Class hymenoptera to produce worker, warrior, drone, and queen types. It is similar with human beings. The DNA produces twelve human types to keep the human tribal colonies going, to play the twelve roles necessary for terrestrial evolution.

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2.3 page 3

THE NEUROGENETIC TAROT ARRAY [1]

Period or Circuit	Passive Phase (Dendritic)	Integrating Phase Circuit Intelligence	Active Phase (Axonic)
Metaphysiological Circuit CHIEN - HEAVEN	21 No card in primitive Tarot	22 The Universe	23 No card in Primitive Tarot
Neurogenetic Circuit SUN - SEED	18 Moon 15	19 Sun	20 Last Judgment
Neurophysical Circuit LI - LIGHT	18 Devil 9	16 Tower	17 Star
TUI - Pleasure Neurosomatic Circuit	12 Hanging Man	13 Death	14 Temperance
	Sagittarius	Capricorn	Aquarius
Domestication Circuit KEN-MOUNTAIN	9 Hermit	10 Wheel of Life	11 Justice
KAN - COIL Mental Symbolic Circuit	Virgo 6 Lovers	Libra 7 Chariot Driver	Scorpio 8 Strength
CH'EN-MOVEMENT Emotional Circuit	Gemini 3 Sly Priestess	Cancer 4 Emperor	Leo 5 High Priest
KUN - EARTH Bio-survival Circuit	Pisces 0 Fool	Aries 1 Magician	Taurus 2 Earth-empress

1 The numbers ~~are~~ are those conventionally assigned to the Tarot. Note that cards 2 (formerly High Priestess) and card 3 (formerly Empress) have been reversed. In ~~tarly~~ some Tarot decks cards 8 and 22 are reversed. Note also that two new Tarot slots have been added - 21 and 23 - and that the Universe card (formerly 21) is now 22.

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We need passive receivers; we need active transmitters; we need synthesizers. We need the twelve types of humanxxxx keep the genetic chain going.

Assume that DNA also produces twelve human types necessary to keep the chain of xxxxxxxx extra-terrestrial evolution going in the future. There is apparently a similarity between the xxxxxxxxxxxxxxxxxx position of a slot in the terrestrial array (first twelve) and the positions in the extra-terrestrial array (same relative). The Fool is the mundane form of the Floating Man (card 12). The Empress is the mundane form of the Blonding-Tantra-Temperance Slot (card 14). Etc

Neurological liberation means, among other things, xxxx freeing one's self from the mundane genetic template, i.e. transcending one's zodiac role. The trained neurologician has experienced all the twelve larval roles and can exchange signals efficiently with any living Tarot robot (larval human).

The question arises. Does one's mundane zodiac role predict one's extra-terrestial template? Does the Fool (Khalkhala Pisces) become the Neurosomatic Passive Consumer? Does the Chariot-Driver-Integrating-Intelligence (Libra) become the Neurogenetic Intelligence (Sun)? Does the DNA code pre-program one's extra-terrestrial type as it does the mundane? xxxxxxxxxxxxxxxxxxxxxx Or will post-larval individuals progress through the evolutionary sequence? xxxxxxx xxxxxxxxxxxxxxxxx In the future, the answers will come. The evidence available from the few cases of post-larvals now emerging suggests that mundane/Tarot xxxxxx type is repeated in the upper zodiac. The Fool (when Pisces) does become the Floating Man. The Empress (Taurus-) does link up in Tantric fusions. The equation of Zodiac and Tarot presented in a later section will xxxxxxxxxxxxx clarify these issues.

We shall now consider the twenty-four stages of neurogenetic evolution:

(mutates to extra-terrestrial consciousness, Circuit 5, She does become)

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Period I. The Bio-survival Circuit.

-- 1. Passive-receptive Bio-survival; First childhood

-- 2. Bio-survival Intelligence, biosurvival mind; The first brain

-- 3. Active-external Bio-survival Fusion, The First mate

Period II. The Emotional Circuit

-- 4. Passive-receptive Internalization of Power; Second Childhood

-- 5. Emotional Intelligence, Ego; The Second Brain

— 6. Active-externalization of Power; The Second mate.

Period III. The Symbol-manipulation Circuit

-- 7. Passive-receptive Mind; Third Childhood

— 8. Integrating Intelligence, The Third Brain

-- 9. Active-external Discrimination Mastery of Symbols; right cerebral hemispheres The third mate

Period IV. The Sexual Domestication Circuit

— 10. Passive-receptive Sexual Stage; Fourth Childhood

-- 11. Domestic Intelligence, Impregnation; The Fourth Brain

-- 12. Active-external Domestication of Sex role; The Fourth mate.

Period V. The Neurosomatic Circuit

-- 13. Neurosomatic passive-receptivity; Hedonic stage; Fifth Childhood

— 14. Neurosomatic Mind Intelligence; The Body Mind; The Fifth Brain

— 15. Neurosomatic Fusion; Tantric stage, The Fifth mate.

Period vi. The Neurophysical* Circuit

— 16. Neurophysical passive-receptivity; Cyborg Stage; Sixth Childhood

* the word "physical" refers to electronics, atomic and nuclear physics.

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17. Neurophysical Intelligence; the Brain Mind; The Sixth Brain

18. Neurophysical Fusion; telepathy; interstellar flight; The Sixth Mate.

Period VII. The Neurogenetic Circuit

19. Neurogenetic Passive-receptive stage; planetary longevity; Seventh Childhood

20. Neurogenetic Intelligence; the DNA mind; The Seventh Brain

21. Neurogenetic Fusion; The Seventh Mate.

Period VIII. The Meta-physiological Circuit

22. ~~Metaphysiological Passivity~~ Meta-physiological Passivity; Eighth Childhood

23. Meta-physiological Intelligence; The Eighth Brain

24. Meta-physiological Fusion; Galactic Domesticity; The Ultimate

The meaning of these terms will be explained in the text which follows. More detailed discussion of the ~~various~~ eight neural circuits will be found in books listed in the bibliography.

In summary, Neurogenetic theory suggests that:

1. Planet earth is one of many billion life-inhabited planets in the local galaxy.

2. Life is routinely seeded on planets like earth by Higher Intelligence by means of amino-acid templates which contain the pre-programmed blue-print of the ~~eight~~ multi billion year planetary cycle. The planet is a womb, a hatchdry. When life has evolved through embryonic stages it leaves the planet and assumes adult existence in the galaxy.

3. The ~~central goal of the embryonic period of terrestrial life is the evolution of~~ nervous systems evolves through eight stages or periods.

4. The first four stages of the nervous system (which have unfolded over the last four billion years) are larval, designed for survival on the placental planet. These neural circuits mediate adaptation to the four directional attitudes of planetary life:

—the attitude of facing forward to accomplish bio-survival linkage

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--the attitude of rising up vertically to the appropriate survival ~~linkage~~ posture of ~~emotional~~ dominance-submission-approach and avoidance (three-dimensional attitude)

--precise manipulation and manufacture of symbols facilitated by the division of labor between the two cerebral hemispheres

--development of socio-sexual behavior which manages sperm-egg transfer and the subsequent adoption of domesticated roles necessary to protect the young

5. The four post-larval circuits involve a detachment from larval reflexes and an understanding and control of somatic, nuclear-physical, genetic, and meta-physiological signals. The Fifth, Sixth, Seventh and Eighth circuits are designed for post-terrestrial existence.

The conscious body; somatic intelligence. The conscious brain; neurological intelligence. The consciousness of DNA; Genetic intelligence. Meta-physiological consciousness and intelligence.

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new Page (Primitive Deck)

het

24. The First Twelve Tarot Cards ~~xxx~~ Describe Terrestrial Events and het The Last ~~Nine~~ Twelve Cards Describe Interstellar Events.

The numerical order of the Tarot cards presents a consistent directional trend. The lower number cards portray the terrestrial vicissitudes and adaptations of survival, ~~and~~ the higher number cards portray ~~astronomical, xxxx~~ interstellar extra-planetary events.

This trend ~~xxxxx~~ matches the Neurogenetic theory which holds that evolution ~~xxxxx~~ moves humanity from the earth ~~and moves~~ directly towards interatellar life. We recognize, also, that this ~~the xxxxx~~ mythic evolutionary direction has been dramatized by ~~almost every~~ all the larval human religions which teach that "man struggles on earth for survival; then leaves for an extra-terrestrial existence (heaven).

The same trend, interestingly enough, is found in the ancient Chinese Yin-yang philosophy ~~xx~~ especially as systematized in the I Ching, ~~xxxxxxxxxxxxxxxx~~ The two polar factors of the Taoist Book of Changes are Earth and Heaven. Eight elemental energies are defined. A Neurogenetic ~~xxxx~~ TRANSFORMATION ~~revision~~ of the I Ching will be found in a later chapter.

~~xxxxx xxx~~ It has been mentioned earlier that ancient neurogenetic scripts ~~xxxxxxxxxx~~ should harmonize with the ~~xxxx~~ energy formulae and the theoretical models of science. ~~Should harmonize with the ancient neurogenetic scripts, to~~ So we are not surprised to find that the Periodic Table of Elements ~~xxxxxxxx~~ follows the same directional trend. The Periodic Table divides the elements into eight "families" based upon atomic weight and ~~Considering first families, we see that~~ the alkali and earth number of electrons in the outer shell. ~~xxx xx/ xxxxxx~~ metals have lower numbers of outer electrons; the gasses have higher numbers. Again we see the movement from earth to air. Considering ~~next~~ the directional trend of increasing atomic weights (sometimes described as the hierarchy of matter) we find trends (increased radio-activity, instability) which may well have ~~xxxxxx~~ ~~xxxxxxxxx~~ well neurophysical and neurogenetic meanings ~~which are~~ beyond the rudimentary scope of this transmission.

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Returning to the directional trend of the Tarot array, let compare us the first twelve cards, which we have called larval-terrestrial, with the last ten cards which we have labelled post-larval, extra-terrestrial.

The Larval Terrestrial Tarot Cards

0. Fool; a young man walking;

1. Magus; a young man standing

2. Empress; a woman seated

3. High Priestess; a woman seated

4. Emperor; a man seated

5. High Priest; a man seated

6. Lovers; a boy and a girl; a winged angel above

7. Chariot Driver; a man seated

8. Strength; a woman holding the jaws of a lion

9. Hermit; an older man walking

10. Wheel of Fortune;

11. Justice; a woman seated

Eleven of these twelve cards portray human beings in natural and normal poses. The only extra-terrestrial being is the angel in card 7, a secondary figure not mentioned in the label of the card. The wheel of Fortune, an exceptional card in several respects, will be discussed later.

The Post-Larval, Extra-terrestrial Cards

12. Hanging Man; portrays a man floating serenely upside down in a zero gravity atmosphere

13. Death; a skeleton riding a giant horse

14. Temperance; an enormous winged angel; solar explosion in background

15. Devil; a mythical creature

16. Tower; lightening bolt fissioning a tower; two giant, stylized figure falling or floating through the air.

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17. The Star; an enormous red star, seven smaller stars and the naked figure of a woman.

18. The Moon; lunar landscape with stylized moon/~~xxxxxxx~~ reflecting light

19. The Sun; giant sun over a baby riding horse

20. Last Judgment; enormous figure of winged extra-terrestrial blowing horn; tiny naked figures arising from containers.

21. ~~(Card 21, called~~ World, Universe, or Galaxy ~~will be discussed in the next section.)~~

A brief glance at ~~xxxx/xxx~~ this list of cards ~~xxxxxxxxxx~~ reveals that no natural, terrestrial scenes are portrayed. The stellar, galactic theme is consistant. In ~~the~~ pre-scientific language and symbols the last ~~nine~~ ten cards portray "other-wordly" events. In the language of modern science we say that these ~~nine~~ ten cards emphasize interstellar events.

As we shall suggest, the Tarot array can serve as a formula which precisely spells out ~~the stages~~ eight periods of human evolution--earthly and interstellar. At this point we have simply demonstrated the division between the mundane cards (0 to 11) and post-earthling cards (12 to 20).

We shall now consider the neurogenetic meaning of Card 21 and the necessity for defining two new Tarot cards to fill out ~~an~~ the eighth circuit of the nervous system.

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7.5 Let us Add Two New Tarot Cards, Thus Defining Eight Periods (Circuits) and 24 elements

So far we have defined Four ~~stages~~ periods of Neurological Evolution designed for planetary security. And four circuits designed for neural inter-stellar life. the periods of

There are several illogical assymetries in the primitive Tarot arrangement ~~so far~~ which suggest that two new cards should be added.

~~Hexhaxxzietzthezfizzizizzntyx~~

Question: Why are there only 22 cards in the primitive Tarot?

Answer: Perhaps two cards are missing, if eight levels of the Tarot are to be defined.

Question: Why twenty-four?

Answer: Eight times three is 24?

Question: Why three?

Answer: Neural signals come in three stages: reception, integration, transmission.

Question: Why eight?

Answer: The number eight (particularly expressed as ~~and~~ 7+1) seems to be involved in the basic equations of energy-matter. Neurogentic theory looks to atomic physics for explanatory guides. The Periodic Tabbe of Elements is a logical foundation for any model of energy manifestation--even as peripheral as the psychological and sociological. The Periodic Table defines ~~with~~ eight (7+1) families of elements. We have pointed out earlier, that the directional tendency of the Periodic Table is, in general outline, similar to the Neurogenetic array. Moving from the earth-metals to the noble gasses.

Also: The oldest philosophic text is the I Ching. The Chinese Book of Changes defines eight levels of energy, again moving from earth (yin) to Heaven (yang).

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Question: What precedent is there for adding new elements to an ancient system?

Answer: "Dmitri Mendeleyev, a leonine man of dauntless spirit. It is not surprising that Mendeleyev, who figured out the periodic rhythm of physical matter, is described in the biographies as one of the sexiest chemists. "In later years, when he ~~xxx~~ took a second wife while not yet divorced from his first, the czar's reported comment was, 'Mendeleyev has two wives, yes, but I have only one Mendeleyev."

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~~"Dmitri Mendeleyev, a [illegible] leonine man of dauntless spirit...~~

The ~~new~~ classic periodic table grew out of Mendeleyev's preparations for his book, Principles of Chemistry, published in 1868. Contemplating ~~the~~ his plan of approach, he was struck by the lack of systematization of the facts of inorganic chemistry. He set about collecting every bit of evidence about the nature of every known element, with the intent of seeing if there were any "periodic"—regular— order among them....

"On a wall in his laboratory Mendeleyev began a pin-up system for cataloguing his information. One oblong card (emphasis ours) was assigned per element; these cards he then arranged and rearranged on the wall. On each card he noted the atomic weight and other properties of the element and its compounds. Eventually he worked out a system of lateral rows and vertical columns into which he placed the cards to reflect chemical and physical similarities between groups of elements.

"It was the genius of Mendeleyev to see these relationships without knowing why they took place....To make the classification complete there would have to be a hitherto unsuspected element whose atomic weight ~~[illegible]~~ he was between that of calcium (40) and titanium (48)

"Mendeleyev made the same courageous assumptions about other blank spaces among his pin-ups; sooner or later, he asserted, the missing elements would turn up. 'It is possible', he said, 'to foretell the properties of still unknown elements.'

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2.6 The Essence Meaning of the Tarot Has Been Concealed By Deliberate and Accidental Distortions

The Tarot cards deck is an ancient formula of neurogenetic symbols which has been passed down over the centuries. A complex psychological signal of this sort which persists in time across many generations must have some neurogenetic meaning, must relate somehow to modern scientific energy models.

Occult systems are time-scripts, neurogenetic messages sent across ~~the centuries.~~ millennia. They are crude, blurred, short-hand descriptions of energy processes, psychophysical formulae, compressed and purified representations of enduring philsophic, alchemical (i.e. neurochemical) principles.

Discoveries about the evolutionary process have always been contoversial, indeed, dangerous. New revelations about the nature of things are perilous to ~~current~~ conventional beliefs ~~about human nature,~~ undermining cosmological securities, stirring up ontological malaise, generating terrors epistemological. ~~A new discovery provokes anxieties because~~ New breakthroughs in human knowledge are always seen as destructive, as unsettling, as evil. This can ~~also~~ be perilous to the discoverer.

Neurophysicists and neurogeneticists often develop esoteric languages to communicate their discoveries. ~~Copernicus~~ The secrecy of Copernicus. The mysticism of Paracelsus. the symbolized sex-magic of Giordano Bruno. Einstein, ~~for example,~~ could be safely accepted by ~~the~~ non-fascist society as an eccentric genius because his revolutionary formulae were presented in the symbols of mathematics, and the neurogenetic meaning of the relativity statements thus disguised. Einstein was exiled for his beliefs and could find refuge in America only because the explosive ~~nature~~ fissioning psychological implications of his equations were not understood.

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Prophobia has always forced mutant scientists to conceal their discoveries in the form of codes and arcane scripts. Astrological systems, chemical and alchemical procedures, (Tantric energy releasers) I Ching commentaries, Tarot cards have at various times been banned, their texts destroyed and their "secrets" forced into esoteric form. The tides of history washing over such records inevitably alter their meaning. Symbols lose their precision, semantic meanings are outdated. (PROSODY REPLACES NUMERICAL MEANING.) Errors are made in transmission. What reaches us in the twentieth century is superficial, fuzzy, vulgarized.

To further complicate matters, neurologs often deliberately build errors and interject crytic codes into their scripts to prevent their being misused by those who do not understand the essential theme. We have (deliberately) incorporated three errors into this script, which will be detected by the receiver who understands the signal. Alchemical codes preceded the cryptograms of modern chemical companies. One of the classic dangers in the transmission of energy-knowledge comes from popularization and vulgar acceptance. As soon as a psychophysical principle becomes orthodox, it is taught in authoritarian, rote fashion, and the experiential meaning, the direct neurological significance is lost.

Erros, both accidental and deliberate, operate like this: "Multiplication table; repeat after me: one times two is two; two times two is four; three times two is six; four times two is ten; fives times two is eight..."

Such an error is repeated and repeated, bound into texts and bibles, uncritically passed down from teacher and student for generations. For example, the Aristotlean dogmas, the Ptolemaic imperatives.

Occasionally a detached outside observer catches the error. If SHe points out that "two times four is eight" the usual result is rejection as a crank or trouble-maker. Only the person who understands the principle can detect and correct the errors which creep into all communi-

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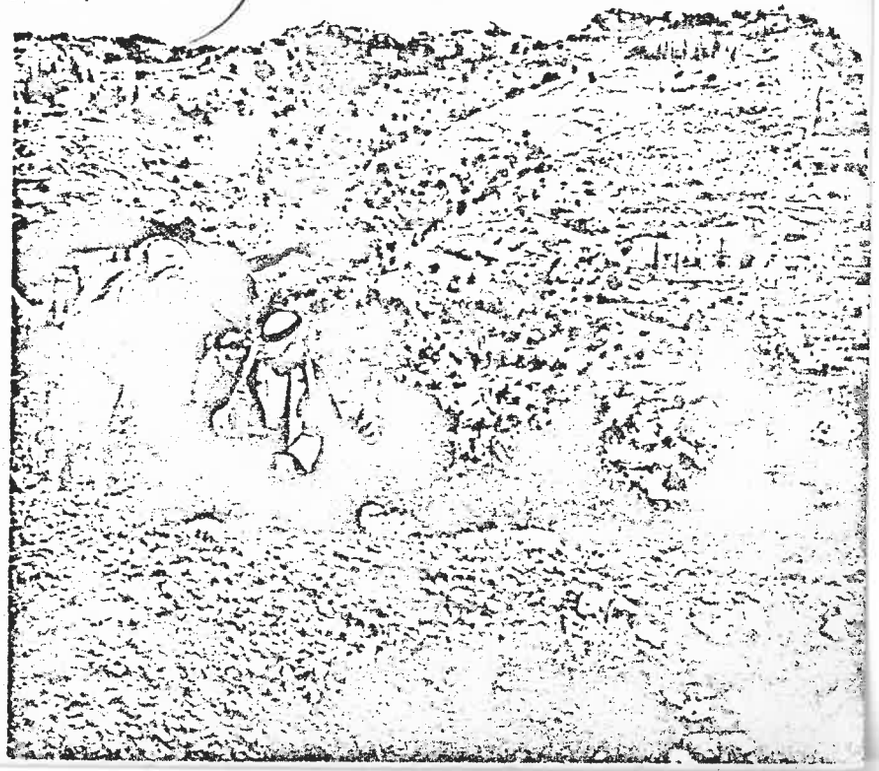
cation systems. Consider the distortion which converted Jefferson's "Life, Liberty and Pursuit of "appiness" to Kennedy's "Ask what you can do for your country."

Esoteric time-scripts such as astrology, I Ching, Tarot, alchemy, Homeric myths, biblical epics are important, if for no other reason than this: the wisest, best-endowed philosophers of the past used them to pass on their discoveries about ~~the~~ neurophysical processes. Each new generation of searchers, however, must rediscover, research each natural law, must rewrite all the basic formulae, restate all the general principles, reword the great myths, update the epic poems. *

---

* Footnote: We must distinguish between the neurogenetic signal/system and the later uncomprehending/robot transmitters. That is between Astrology and Astrologers. Astrology has a certain value; most astrologers are rote-robots playing idea-tapes which they do not understand. The Tarot and the I Ching are code-signals, their use in fortune-telling is absurd.

when arranged in the correct order



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Nothing can be taken as proven. Every great discovery must be re-experienced. The Bible is ~~the~~ classic example of a time-script which has fallen into insane incoherence because of corrupted translation, unconscious and deliberate falsification, rote duplication of symbols which have lost their precision etc. Hebrew versions of the Bible which have been ~~appearing~~ revised regularly across the centuries provide a living chain of transmission in which the entry and perpetuation of distortions can be seen as clearly as the ~~xxxxxxxxxxxxxxx~~ stratified levels of culture emerge in the archeological uncovering of an ancient site. The Genesis chapter of the bible ~~must be re-defined by any~~ original neurogenetic meaning of the excavated and restated serious student of human neurology would do well to excavate restate

The I Ching ~~xxx~~ as presented in current texts is loaded with obvious errors and ~~only~~ numerical absurd banalities only when these are discovered and corrected can the ~~basic energy-dynamics~~ code message of the Book of Changes be understood.

The Tarot must ~~be~~ updated and redefined in terms of modern scientific discoveries. ~~xxxxxxxx~~ As a basic primary-school step in Neurologic the student should design ~~his her~~ Hir own version of the Tarot.

The cyclical pattern of genetic templating as measured in lunar, solar, and planetary cycles (ASTROLOGY) must be restated in terms of ~~xxxxx~~ current evidence from astronomy, nuclear physics, genetics, neuro-psychology

Each new breakthrough in nuclear physics requires that all the past ~~psychological-Neurological~~ neurophilosophic systems ~~xx~~ be re-examined and made more precise.

Each new system of human philsophy must ~~be~~ build on and ~~xxxx~~ systematically harmonize with or consciously ~~from~~ differ from the classic ancient systems. The community of Time travellers is contemporary and simultaneous. Paracelsus is closer to ~~us~~ Joanna and Timothy ~~me~~ than ~~xxxx~~ the people ~~we~~ meet in the market place. As each ~~xxxxx~~ new discovery ~~xxxx~~ is brought to our attention--pulsars, black holes, L.S.D. histones, DNA--it is only interstellar courtesy to inform Pythagoras, to re-consult the Chinese oracle, to inform the gypsy-alchemist Tarot magi of the new revising

GO TO PAGE 5

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confirmations. The Periddic Table of Elements, for example, begs to be harmonized and integrated with all the great past symbol systems to the mutual advantage of all concerned.

The classic systems by means of which ancient scholars understood the nature of energy have been corrupted and vulgarized by charlatans and charlatanees ~~who~~ whose gullibility create charlatans. Every breakthrough in the "phsycial sciences" effects the philosophic and psychological and social nets. Ptolmaic astronomy was tied to a geocentric ontology. Newton's laws were crystalized in the sociology of capitalism, the dialectics of Marx, the thermodynamics of Freud etc. The time has come to Einsteinianize all human traditions, ~~The classic systems must be fissioned~~ to release the next level of fusion energy.

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27. The Tarot Slots 6 Represent 5 Stages In Personal and Species Evolution

The use of Tarot ~~cards~~ to provide a cross-section of the neurogenetic evolution of ~~x~~ "Liberated", post-fetal human beings is not ~~x~~ to suggest that the cards are designed or should be used for Fortune Telling or forecasting individual destinies.

Assume that the Tarot is ~~a neurogenetic formula. It is~~ a concise, multi-billion year past and future accurate blueprint of the course of neurogenetic evolution, ~~such~~ The skeletal structure of the system is ~~accurately~~ accurate although the ~~verbal~~ verbal labels and role designations (Fool, Pope, Emperor, Hermit) are outdated, ~~and~~ trite, and confusing. If one grasps the ~~sequential~~ meaning of the ~~sequence~~ Tarot sequence from the neurogenetic framework then one can see through the titles and ~~names~~ rename the cards to bring them up to date. Personalizing the cards is a useful but perilous flourish. ~~The~~

Each of the 24 cards represents a neurogenetic stage. A slot in the DNA chain. It is true that one's neurogenetic development does involve personal roles and intersection with, and imprinting of, more persons playing appropriate roles. However, it is ~~more~~ accurate to ~~take the cards and~~ use names of processes rather than illustrative persons.

e.g. the personalizations of the Zodiac (Taurus) and of the I Ching (e.g. Earth-mother) and of the Tarot (e.g. Empress) are childish-kindergarden expressions of the message presented in more scientific language by the neurogenetic Table and the Periodic Table of Elements.

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PERSONIFICATION OF THE TWENTY-FOUR NEUROGENETIC SLOTS

21	Eighth Childhood The Galactic Consumer	22 The Galactic Intelligence Eighth Brain	23 The Eighth Mate Galactic Fusion	meta-physio-logical
18	Seventh Childhood The Planetary Colonist	19 The Genetic Intelligence Seventh Brain	20 The Seventh Mate Genetic Fusion	genetic neuro-[illegible]
15	Sixth Childhood The Electron Consumer	16 The Neurological Intelligence Sixth Brain	17 The Sixth Mate Terra Two	neuro physical
12	Fifth Childhood The Hedonic Consumer	13 The Neurosomatic Intelligence "Resurrected Body" Fifth Brain	14 The Fifth Mate The Tantric Lovers	neuro somatic
9	Fourth Childhood: The Adolescent Sagittarius	10 Fourth Brain Social Intelligence Capricorn	11 The Fourth Mate The Utopian Lover Aquarius	Domestication
6	Third Childhood: The Student Virgo	7 Third Brain The Intellect Libra	8 The Third Mate The Master Mind Scorpio	SYMBOLIC
3	Second Childhood: The Sly Priest Gemini	4 Second Brain The Emotionist Cancer	5 The Second Mate The Big Lover Leo	EMOTIONAL
0	First Childhood: Unattached Floater Pisces	1 First Brain First Gear Forward Aries	2 The First Mate Earthy-lover Taurus	BIO-NEURAL
	PASSIVE RECEPTIVE PHASE	INTEGRATIVE PHASE	ACTIVE OUTPUT PHASE	NEURO-genetic Period

put headings on top

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2.7 Page 3 INSERT FOR PAGE 3

~~1.7 page 3 (2 is table)~~

Let the Tarot be a DNA time-script, an unfolding formula describing the twenty-four stages of evolution of life, ~~on this planet~~.

Life on earth is four-billion years old and is now at its terestrial half-way point. Life is going to be blown off the planet in four billion years. thus half our evolution is behind us; the extra-terrestrial half lies ahead.

To use the Tarot in the context of Neurogenetic evolution, we simply study the ~~numerical~~ numerical parameters of the Tarot and the numerical characteristics of Neurogenetics and make the obvious connections. To wit:

There are (in the Major arcana) twenty-two carus. We assume that there is some meaning in this ordination, some rationale for the assignement of numbers.

We recall that the unit of neurologic is the neuron. The neuron has three anatomical and functional divisions. 1. Passive-input-receiver; dendritic. 2. Central synthezizer and integrator; cell body. 3. Active, output transmitter; axonic. ~~xxxxxx~~ Let us sort the cards in numerical order./ The following array results:

In rows of three.

TAROT II		21	
	18	19	20
	15	16	17
	12	13	14
Tarot I	9	10	11
	6	7	8
	3	4	5
	0	1	2

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The Tarot Is A Sequential Formula of Genetic Evolution

The Tarot is a DNA Time-Script, an unfolding formula describing the twenty-one stages of evolution of life on the planet.

Life on earth is four-billion years old and is now at its half-way point. Life is going to evolve for four billion more years.

The first twelve cards of the Tarot describe the sequential emergence of the first four circuits of the nervous system.

The nine later cards of the Tarot summarize and describe the sequence of the three post-larval circuits.

Tarot systems The individual in Hir own individual evolution recapitulates and, in the case of advanced mutants, forecasts, the evolution of the species, past and future.

In reading books about the Tarot the following points should be kept in mind.

1. The Tarot is an Interstellar Neurogenetic code. It accurately maps the unfolding sequence of evolution.

2. No human being (to our knowledge) has made the entire evolutionary trip. Each human being, indeed, each living entity, has carried the process to a certain point along the path. Knowing the map makes it possible to know how far and from whence one has come and what lies ahead.

3. Every version of the Tarot is describes the entire voyage in terms of the location of the author. Persons whose nervous systems are imprinted to power-dynamics (Circuit 4) will portray all cards in terms of power-politics. Aleister Crowley, whose consciousness centered on erotic-magic (Fifth Circuit) sexualized the cards. In general Tarot commentators have been able to rationalize early genetic elements and have been able to give only the most fancifull anticipations of stages and cards which lie

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ahead in their own future and the future of the species. For example, the Sixth Circuit mediates atomic fission, electron manipulation, nuclear fusion. It was, therefore, difficult for anyone living before ~~xxx~~ 1945 to portray these events which lay ahead. Thus, the Tower ~~Struck~~ by Lightening has picked up lower circuit meanings--and the precise meaning of this signal could only be poetically anticipated.

The Tarot Describes the ~~Seven~~ ~~Stage~~ Evolution of Intelligence

In this ~~Equation~~ The ~~first~~ 22 cards of the Major Arcana describe the ~~xxxxxxxxxxxx~~ ~~xxxxxxxxxxxx~~ emergence of the ~~seven~~ circuits of the nervous system:

Circuit 1, the Bio-survival Mind, is portrayed by the first three cards:

~~Zero~~, The Infant Fool, representing passive, receptive and input stage of the First circuit ~~the Intelligence~~ bio-survival. The First Childhood.

Card 1, The Youthful Magician, represents the Bio-survival Mind, integrating, synthesizing, organizing the signals which concern survival. The Will to Live. The First Brain.

Card 2, The Empress, represents the active-~~xxxxx~~ output stage of the First Circuit, the linking of the infant nervous system to the nourishing, nurturant, protective aspect of the environment usually personalized as Great Mother, ~~Earth Mother~~. First Mate. The bio-security link with earth.

Circuit 2, the Emotional-power Mind, Ego, is portrayed by the second three cards.

Card 3, The ~~High~~ Priestess (note number change with former 2 The Empress) represents the passive-receptive and input stage of the Second circuit. Power handled by secrecy and submission. Second Childhood.

Card 4, The Emperor, portrays the Emotional Mind, Ego, integrating, synthesizing, organizing the signals which concern power, submission, stealth. The Second Brain.

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(Leo)

Card 5, The High Priest, presents the active-output stage of the Second Circuit, the linking of the young child's nervous system to the power establishment and the emotional network of the local environment.

Circuit 3, The Symbol-manipulative, Dexterous Mind, (I Ching Kan - Toil) is symbolized by the third trio of Tarot cards.

(Virgo)

Card 6, The Lovers, personalizes the passive-receptive and input stage of the Third Circuit. The ~~innocent, undiscriminating~~ autistoid mental passivity. ~~side of the symbolic cerbral cortex. Rhythmic, intuitive~~, imitative, discrimination repetitious ~~manipulation~~ of symbols.

(Libra)

Card 7, The Chariot, illustrates the Symbolic, Cognitive Mind integrating, synthesizing, and organizing the discriminated symbols of the left cerebral hemisphere and the receptive rhythms of the right cerebral hemisphere.

Card 8, The Strength, represents the active-output stage of the (Scorpio) Third Circuit, the successful mastery of symbols, executive dexterity, acheivement, ~~wealth.~~ (I Ching, Ken Protection)

Circuit 4, The Sexual-Domestication Circuit is symbolized by the fourth trio of cards. (Sagittarios)

Card 9, The Hermit, expresses the passive-receptive ~~inhibition~~ self-indulgent ~~ex~~ stage of Sexual socialization. The sexual energies of the post-adolescent not expressed in sperm-egg ~~xxxxxxx~~ fusion but ~~repressed~~ held back for Yoke for self-indulgence and social harmony.

(Capricorn)

Card 10, The Wheel of Life, ~~portrayxxthe~~ which is located at the top of the ~~21-card Neurogenetic~~ terrestrial array represents Impregnation, ~~whichxisxthexxxxxtxxixxtexxexxionxofxthe~~ The nervous systems of the fertile male and female grope towards each other and, as programmed by DNA, perform the complex mating sequence which fuses sperm-egg, ~~the~~ creating the new entity. This card portrays the Domestic Mind Home Base, which integrates, synthesizes, organizes the many signals which relate to breeding and the protection of the young.

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(Aquarius)

Card 11, Justice, symbolizes the active-output stage of the Fourth Circuit, the ~~maintenance of the responsible, duty-bound,~~ sublimation of sexuality to collective domestic routine. The neurology of morality. (the idealism of I Ching Tui-Joy) Social domesticity.

Circuit 5, The ~~psycho~~-somatic Circuit is symbolized by the fifth trio of Tarot cards.

Card 12, The Hanging Man, represents the passive-feceptive, internal neuro-somatic consciousness. Sensory input, self-indulgent, immature enjoyment of the Awakened Body. Rapture not linked up to sharing-fusion. Consumer use of rapture drugs for turning on, not tuning in.

Card 13, Death-Rebirth, portrays the Somatic Mind, integrating, synthesizing, organizing signals from the Body, detached from survival demands (domestic pressures) and adaptive imprints.

Card 14, Temperance-Blending, presents the active-output stage of the Fifth Circuit, the linkage of the neuro-Somatic circuit to the nervous system of another. This is the fully conscious first, direct, real connection between two human beings, detached from larval, survival (domestic) needs.

Circuit 6, The Brain Aware of Its Own Functioning (I Ching, Light) is portrayed by the sixth trio of Tarot cards.

Card 15, The Devil, represents the passive-receptive, immature, self-indulgent stage of Neuro~~logical~~ (physical) Consciousness. The Einstein energies released by the relativity formulae used for self-enhancement, satisfaction of lower circuit appetites. Electronics used, not for communication-linkage, but for larval survival games or for neuro-somatic rapture.

Card 16, The Tower Hit by Lightning, portrays the nuclear energies of the atom, the neural energies of the Brain, released by fission. This card presents the Brain

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conscious of its own relativistic potentials integrating, synthesizing, organizing the flux of signals.

Card 17, The Star, symbolizes ~~xexrxlxandxnucleaxrxenergyx~~ the active-output stage of the Sixth circuit, the linkage of neural and nuclear energies. Neurological fusion. *Telepathy.* Nuclear fusion. Employed to leave the planet and contact Higher Intelligence. Migration from the planet. Entrance to Interstellar networks of communication.

Circuit 7, The Genetic Mind, the Brain aware of DNA *(I CHING sun, seed)*

Card 18, The Moon, represents the passive-receptive, *internal* (*i.e. planetary*) stage of Genetic consciousness. The self-indulgent, consumer use of the energies released by deciphering the DNA code. Longevity and rejuvenation, ~~without Interspecies~~ linkage. The cyborg-insectoid use of genetic ~~extxi~~ energy to protect and satisfy earlier evolutionary needs. *Planetary colonization instead of interstellar linkage.*

Card 19, The Sun, portrays the genetic intelligence, *neuro-* ~~extr xthexmxtare~~ the interstellar mind. The Brain imprinting DNA code and acting ~~xx~~ in genetic wisdom integrating, synthesizing, organizing signals from every form of terrestrial life and from interstellar ~~sun~~ systems. The Genetic Mind becomes the intelligent *biological* energy of the solar system.

Card 20, Judgment symbolizes the active-output stage of the Seventh circuit, the linkage of post-human intelligence with the ~~Higher~~ *Biological* Intelligence of the Galaxy. Interstellar fusion. The entrance into Galactic citizenship. The transformation from ~~of~~ physiological existence to electro-magnetic-gravitational field existence. Consciousness leaving the body, ~~and~~ leaving the space ship and assuming meta-physiological form.

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Circuit 8 The ~~xxxxx~~ Metaphysiological Mind; The Brain Absorbed into Galactic Consciousness (I Ching Chien-Heaven)

— Card 21, _____,(undefined by primitive Tarot), represents the passive-receptive, internal stage of metaphysiological consciousness. The transfer has been made from the physiological brain to electromagnetic-gravitational consciousness. This element portrays the necessary period of self-indulgent, consumer use of the new facilities. Meta-physiological "sensory" rapture and exploration.

— Card 22, The Tarot World (formerly numbered 21) represents the metaphysiological intelligence, the galactic Brain which has absorbed DNA signals from all life forms ~~xxxx~~ as well as meta-physiological signals. This element is the intelligent energy of the interstellar system.

— Card 23, _____, (undefined by primitive Tarot), represents the active-output stage of the Eighth Circuit, the linkage with the meta-physiological Intelligence of the Galaxy. This is the final stage of Intelligent Evolution. It is probable that a new cycle of evolution begins at this point.

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Passivity

No primitive Tarot Card

Card 21 2xrd

Neurogenetic Passivity:

"The Planetary Colonist"

(Tarot Moon)

Card 18

Intelligence

(The Tarot World)

Card 22

Neurogenetic Intelligence

"The DNA Mind"

(The Tarot Sun)

Card 19

Fusion; The Black Hole

(Nox primitive Tarot Card)

Card 23

Neurogenetic Fusion

Interstellar Linkage

(The Tarot Judgment)

Card 20

Neuro-physical Passivity

"The Cyborg Consumer"

(The Tarot Devil)

Card 15

Neuro-physical Intelligence

"The Conscious Brain"

(The Tarot Tower)

Card 16

Neuro-physical ~~Intelligence~~ Fusion

"Telepathy Star-flight"

(The Tarot Star)

Card 17

Neuro-somatic Passivity

"The Rapture Consumer"

(Tarot Hanging Man)

Card 12

Neuro-somatic Intelligence

"The Resurrected Body"

(The Tarot Death)

Card 13

Neuro-somatic Fusion

"Tantric Linkage

(Tarot Temperance)

Card 14

Sexual Passivity

"The ~~Androgenous~~ Androgynous"

(The Tarot Hermit)

Card 9

~~Genetic~~ Impregnation Intelligence

"The Domesticated"

(Tarot Wheel of Life)

Card 10

Sexual ~~Sublimation~~ Cultural Domestication

"The Idealist"

(The Tarot Justice)

Card 11

Mental Passivity

"The Receptive Mind"

"the student"

(The Tarot Lovers)

Card 6

Integrating Intelligence

"The Balancing Mind"

(The Tarot Chariot)

Card 7

Mental Manipulation

"The Success"

"the Master mind"

(The Tarot Strength)

Card 8

Emotional Passivity

"The Below Life"

"The Sly Priestess"

(The Tarot Priestess)

Card 3

Emotional Intelligence

"The Ego"

(The Tarot Emperor)

Card 4

Emotional Dominance Power Linkage

"The Establishment"

(The Tarot High Priest)

Card 5

Bio-survival Passivity

"The Un-attached"

(The Tarot Fool)

Card Zero

Bio-survival Intelligence

"The Biological

(The Tarot Magician)

Car[illegible]

Bio-survival Fusion

"The Security Linkage"

(The Tarot Empress)

Card 2

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29 The Alistair Crowley Tarot Scheme Is ~~karxxlxTxzrxxtrixlxxxxd~~ Pre-Einsteinian Based on the Fifth Circuit.

Several students of ~~thx~~ Magic have commented on the synchronicities between the life and work of Alistair Crowley and the publicized ~~xarlyxtrxxxxmixxtxxaxxxfxtxs~~ experiences of the transmitters of this signal.

Crowley's transissions were concerned with the Fifth Circuit. Sex-magic. The tantric union of male-female. The Pan, Dionysius rapture myth. The alchemy of aphrodisiac drugs.

~~xGfoxlxyxxx~~

~~Amongcthecmany~~ There is much ~~xxxxx~~ evidence to suggest that the transmitters of ~~this signal~~ (This Neurogenetic signal have unconsciously) repeated step-by-step the neurogenetic evolution of Crowley and carried his work beyond his stage ~~unconsciously~~ following the explicit instructions of Crowley. Instructions about the completion of his work.

~~xxxxx

Crowley and Gurdjieff

Both ~~of those mages~~ were Masters of Circuit 5 which is the highest point of consciousness and intelligence possible before the Einsteinian era.

Towards the end of their lives both men lost the baraka; their nervous systems ~~xxxxxxx~~ no longer ~~xxxxx~~ operating as receivers and transmitters of high-energy, new knowledge. There is a certain poignancy in their histories. ~~B~~ The lives of both men ended exactly at the ~~s~~ime when ~~th~~ the discoveries of ~~ories began to open up the~~ ~~xx~~ electronic-atomic-nuclear energies ~~which~~ made possible ~~xxx~~ biological longevity and migration from the planet and when the time-dilation implications of accelerated motion were made known. Before the possibility of star-migration there was, ~~indeed, little~~ no apparent point in human life and planetary existence. What could Crowley or Gurdjieff do with the ~~xxxxxxxxxxxx~~ neurosomatic energies they released? Teach others? Play with erotic and interpersonal power? Entertain? Get involved in all-out ~~xxxxxxxxxxxxxx~~ risky events that challenged their expanded energies? Shock the mundane? Pass on the primitive version of the message.

Gurdjieff did see clearly the galactic step which awaited humanity. Beelzebub's Tales to His Grandson is one of the greatest larval time-scripts, ~~ever written by a larval human being. It is~~ a comic, broad, philosophic ~~sa~~ satirical view of planet earth from the standpoint of Galactic Intelligence. An amazing pre-view of the Interstellar Age.

Crowley's greatest contribution is his version of the Tarot ~~xxxxxxxxxxx~~ brilliantly executed by his Alchemical Mate, _____, ~~Tax~~ ~~Crowley's Tarot theory is presented in~~ and the Book of Thoth, ~~This~~ is a fascinating literary tour de force, a colorful and tasty goulash ~~melange~~ of concepts from every spicy religion and magical tradition ~~xxxx~~ all loaded on to the Tarot ~~pictures.~~ plates. The book allows us to watch one of the most interesting minds of the century juggling ~~with~~ concepts ~~x~~, entertaining ~~but meaningless.~~ educational, but limited and filled with deliberate or unconscious errors.

Crowley's interpretation of the Tarot is based on ~~the~~ Kaballah--the Tree of Life. Whatever its original neurogenetic meaning, the Tree of Life

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as now presented is a boring larval moral code at the philosophic level of the Boy Scout Code. Consider the ten node points of the Tree of Life: Kingdom, crown, foundation, victory, splendor, strength, beauty, mercy, understanding, wisdom. Where, one wonders, is thrift and cleanliness?

~~It will be that~~ the geometric arrangement of the Tree of Life may turn out to relate to molecular structures or amino acid chains, but until some correspondence to physical-chemical patterns is demonstrated the Kaballastic array seems to be a Talmudic abstraction to the uninitiated.

What is missing from the Crowley Tarot is any scientific, evolutionary perspective. Crowley does inject an erotic magnificance a graceful, tawny lasciviousness, a gleaming phallic radiance, a soft hashishine luxury. The Circuit 5 energy seethes and murmurs; but eventually fades, turned in on itself. Even the most perfect neurosomatic union eventually becomes boring. Rapture dissolves. Two sweaty bodies directed by larval minds worrying about passports and the rent.

The evolutionary process moves or freezes. Alistair Crowley represents human intelligence at its transitional point. The rapturous body, detached from larval morals, all wired up and no where to go.

Crowley understood the interstellar goal of human evolution and was bitterly aware of his imprisonment on the planet. Gravity and the inability of current technology to reach escape velocity kept him from breaking out. The first four lines of The Book of the Law file his appeal for release from the custody of gravity.

"1. Had! The manifestation of Nuit.

2. The unveiling of the company of heaven

3. Every man and every woman is a star.

4. Help me, o warrior lord of Thebes, in my unveiling before the Children of Men!"

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PART II

~~THE NEUROGENETIC TAROT CARDS ARRAY~~

TAROT I DEFINES THE TWELVE LARVAL STAGES OF TERRESTRIAL EVOLUTION

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of the nervous System

" The four larval circuits determine xt the attitude of the organism--so vital for terrestrial survival. The first four imprints determine the four basic attitudes:

forward-back

superior-inferior

Left-right (wrong)

penetration-incorporation (sperm-egg)

ATTITUDE: a mental position in regard to a given fact; a feeling towards a given fact; a position assumed for a specific purpose; a ballet position; the position of an aircraft or space-craft determined by the relationship between its axes and a reference ~~point~~ datum (as ~~the horizon~~ a terrestrial object or a particular star); an ~~organismic~~ imprinted state of readiness of the nervous system to respond in a characteristic way to a stimulus; syn., see position."

From "Speed" by Arthur Leonards

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SLOT-ZERO: BIO-NEURAL PASSIVITY; ~~THE UNATTACHED~~ POTENTIAL

THE TAROT FOOL

ZODIAC: PISCES the aHitude is floating—

This card represents the passive, self-contained, internalized mode of bio-survival. Unattached to a fixed outer survival connection, the Bio-Org imprints Hirself for satisfaction ~~of external~~ security. The fresh, pure, receptive side of the first circuit.

The intial Slot in the evolutionary system locates the plasticity, flexibility, unformed, unattached, changeability of the new-born organism. Often called Primum Mobile, the first moving principle, the innocent, dreamy self-contained wise potential. The Tao child-sage. Fresh from the genetic pool. Not really adjusted to terrestrial life. First childhood.

"The Fool" is portrayed as youthful. SHe carries a bag. Let the bag in this equation represent the genetic-material--ovum or sperm. The Fool ~~isxthexsperms~~ launches the great journey carrying the seed.

" Danger is associated with this card." The vulnerability and unformed nature of the organism which has not ~~yetxmadexit~~ externalized the first circuit imprint on planetary ~~energy.~~ STRUCTURE/ ATTITUDE The ~~posture~~ is loose. The direction aimless. Eyes fixed on the stars not focussed on earth. Free, dreamy, indifferent SHe lives in lonely understanding of truths too far/and deep to express in words.

From the Neurogenetic position of this card we can understand the classic Piscean divinatory meanings assigned to the Fool: Folly, disorganized mania, intoxicated incoherence, aimless floating, depth, absence, apathy, nullity, autism.

Slot Zero thus reflects newborn other-wordly innocence. The Fool is usually portrayed as walking towards danger, Hir back turned ~~to~~ away from safety. The autistic person is unformed— not quite at home in a mechanized, organized society/ where social conformity is required. In looser tribal situations the passive ~~detached~~ detached Fool is tolerated and even seen as source of meta-social ~~signal.~~ STRENGTH. This card represents the positive (Laing-ian) aspects of

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SLOT-0: BIO-SURVIVAL RECEPTIVITY

UNATTACHED PASSIVITY

ZODIAC: PISCES, The Floater

ATTITUDE: FLOATING



"The Fool is not of thisw world. SHe has not made the ventral connection and floats around the earth responding to the inner compass. The attitude is Fluid in preparation for the zero-gravity of interstellar existence

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insanity. Opium wisdom ~~is the essence of this slot,~~ distillation of the fluid, mysteries which are to be contacted only within the vegetative system.

The first slot represents detachment from external sources of reward. Disinterest in any kind of external fusion--biological, emotional, political, domestic. Ambition and competition have no appeal to compare with the rich inner vegetation. Disregard for rules, indifference to threats and punishments. The path of least resistance. Privacy. Amoral flexibility.

The Fool is self-rewarding, self-stimulating, self-contained, and self-undoing.

Bill Lane,

The moment after typing the preceding sentence a 27 year old prisoner opened the door of the cell. Code him as a genial, glib "low-rider" from the heroin ghetto of Los Angeles. An "inside" doper. He had spent only six months of the past twelve years "on" the outside". Society continually arrested and confined him for drug addition. With light step, as if earth and its trammels had little power to restrain him, this young man paused at the brink of the precipice and grinned at his cell-mates.

"Don't move!", commanded one of the convicts. "Lift your left hand back as if holding a rose. Right-foot forward. Left foot tilted back. Tilt your head to look at the stars."

The loose drug-addict flowed into the posture, a puzzled smile on his face. A broom was placed in his right hand.

The Tarot book was produced and opened to the picture of the Fool. The three observing convicts looked and laughed. The picture was shown to the "Inside-doper".

"That's me!", he exclaimed.

~~His~~ She was flowing movement ~~was indicated~~, though ~~he~~ stationary for ~~him~~ her. at the moment. The edge which opens on the depth has not terror. ~~His~~ Her countenance full of expectant dream, She is a prince of the other world

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on his travels through this one. He often ends up in the depths of society--gutters and prisons.

"That's me", said the Young Fool. "I don't give a fuck."[1] I'll sacrifice anything for that inner feeling."

The Young Fool has night-mares--sighing and moaning during the dark hours between that world and this.

Thus did the Fool, carrying the card of Bio-survival Passivity, step out of the page and come to life, in the prison cell Each of us is a Tarot card and a Zodiac sign. The genetic essence rarely shows itself in a highly conditioned society, being hidden by social reflexes. Only the person who has escaped from cultural imprints manifests the essence or template. Some criminals, some drug users, some whose power or wealth or intelligence have given them courage express their essential Zodiac or Tarot design.

1. The Neurologic significance of the pommon phrase "don't give a fuck" indicates that the person is not wired-up to fûsion-linkage at the circuit being discussed. The passive elements, Fool, High Priestess, Lovers, Hermit, Hanging Man, Be-devilled, and Moon do not "give a fuck" for external connection. Those who do"give a fuck" are: Empress, High Priest, Strength, Justice, Temperance, Star, and Judgment.

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FROM feet

OFF

SLOT-1: BIO-NEURAL INTELLIGENCE; THE SURVIVAL MIND

THE TAROT MAGICIAN, JUGGLER, MAGUS, PHYSICIAN.

ZODIAC: ARIES

1cr This card represents the First Imprint, Bio-neural intelligence, the physiological reflex mind. The First Brain / The attitude is forward.

We have just considered Bio-neural Passivity, The Fool who imprints Hirself; the ~~object~~ source of reward ~~is located~~ within. Thus the apparent floating and detachment.

Now we consider Card 1 which portrays the ventral imprint directed ~~outwards~~. Straight ahead. (It is necessary to understand the neurological significance of the fact that all of the survival-sensory equipment is located in front. Mouth, eyes, ears, nose. The nervous system is oriented forward and the dorsal (rear) side is impoverished neurologically)

The Bio-neural intelligence is the mind of the infant scanning ahead for immediate satisfaction, integrating and organizing the vegetative, autonomic survival signals. The youthful Magus figure usually wears the horizontal infinity sign over Hir head. Sign of Life. On the table in front of the Magus are the symbols of the four Tarot suits. In this equation we have let these symbols represent the four basic amino acids whose permutations transmit the DNA code. We shall not concern ourself about whether the suits "really" represent the amino acids. We simply suggest that it is an advance in consciousness for people who seriously or frivolously engage themselves in Tarot-like activities to use scientific-evolutionary terms in addition to also terrestrial concepts. Let the four suits represent the four larval stages of neurological evolution:

1 swords: survival

2 Wands: power

3 Pentacles: symbolic dexterity

4 Cups: impregnation and parenthood

The Tarot magician is usually surrounded by biological flourishes:

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SLOT-1: BIO-SURVIVAL DRIVE

THE FIRST BRAIN

ZODIAC: ARIES , First Gear Forward

ATTITUDE: STRAIGHT-ON FORWARD



" The Magus is the First Gear Forward. Ventral drive. The infant seeking immediate gratification. ~~This~~ The primitive Life Force which pushes forward blindly ~~and must be pointed to the stars~~. The Rebirth. Tarot II complement of this card is Slot-13, Death. It is instructive to compare this First Brain with the Eighth Brain, portrayed as a Celestial Figure holding two of the energy tubes ~~which~~ of which the Magus holds only one.

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vines, flowers, leafs, cellular forms.

Psychologically this card signifies the self-centered driving bio-intelligence of the life-process. The motive force of animation.

The First imprint determines the basic physiological tone, biological self-confidance expressed in the firm handshake, forceful, straight-to-the-point expression. Youthful narcissism. Consciousness only of self. Naive fearlessness.

The behavioral expressions of this neurological slot include frankness, honesty, passion, irresponsibility, impatience, low attention span, optimism, unsubtle naivte.

The Bio-neural Intelligence detests pain and is disinterested in the messages transmitted by drugs, although SHe can use drugs as tools.

SHe is an intense, striking figure. Slim, pronounced eyebrows, piercing nose. SHe sits barefoot in the prison yard surrounded by his instruments, drawing pencil, box in which She keeps the vellum parchments, coffee cup, cigarette roller and a can of tobacco. SHe talks like a jet-fighter plane, zooming in for low-level strikes, swooping away in acrobatic rolls, flashing back to make another pass at a different angle.

SHe is the fastest mind in the west, a fissioned propelled, far-out laser of truth. Impatient with sloth and sloppy thinking, is 26 years old and utterly tactless. SHe has been in prison for eight years because of his "attitude."

ATTITUDE: a mental position in regard to a fact; a feeling toward a fact; a position assumed for a specific purpose; a ballet position; the position of an aircraft or spacecraft determined by the relationship between its axes and a reference datum (as the horizon or a particular star); an imprinted state of readiness of the nervous system to respond in a characteristic way to a stimulus; syn see position.

His admiring friends arrange for him to be interviewed for a

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prison job which will allow them to spend more time together and which will enhance his chances of parole.

The appointment is made with the department Chief who is enthroned sultan-like, radiating expectation. The Magician has been told to wear a civilian shirt and to look like a clean-cut middle-class young man. And to act in a cheerfully quiet manner. He enters the interview room and sits with legs sprawled in front of the Sultan. He is dressed in wrinkled prison garb with his shirt-tails dangling. His piercing eyes scan the room and fix on the Sultan. He indicates with total self-confidance that he can perform the simple tasks. In response to one question he says to the Chief, "I already answered that question." During a lull in the conversation he turns to a friend and starts raving about a report in Scientific American that star-light exposed to methane and ammonia can create amino acids. The Sultan looks puzzled.

The next day the Sultan says that the Magician cannot be hired because a guard reports that he has a "bad attitude". When told, the Magician says, "No problem. I'll go down and drive on him and straighten him out." That afternoon the Magician demonstrates that the Tarot system has eight levels, not seven. He indicates the nature of the two missing cards "Galactic Passivity" and "Galactic Domestication". Shining with enthusiasm he sings/Andromedan Acid poetry.

"We've got to get you out of here.", says his bedazzled friend. "You don't belong in prison."

The Magician smiles sweetly. "Yes, I know."

~~The Magician [illegible] searches for Earth Mother to satisfy the [illegible] nerve needs of the ventral attitude.~~

The next day/ sitting in the sun in the prison yard an Emotional-Output Earthling (Leo)

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approached, Hexxxx Hixzxizixng emitting anxiety-tension signals, his power dials flicking in the danger zone. He verbalized a piteous appeal for help. The Magician dove down out of the clouds firing neurological interpretations. The Earthing Earthling grimaced in pain. The Magus circled the field and made another pass rxttiixg zapping lasers about the male-female relationship. The Earthling soon stomped away leaking oil and smoking.

The Magician was questioned about the exchange.

"How can you shout and rant and bang xf a poor robot like that? Just because he can't understand, you take out a hammer and start pounding the badly-wired creature. Thezzzisxxxzzexxuxxxxxxzzz Interstellar courtesy demands that we do nothing but shine on earthlings. It's so simple to press the buttons that will make them respond at the highest level of radiation they are capable of. Then, of course, after they are flushed and shining and laughing--you tell them what you have done so they will be aware of the process. Etc."

The Magus shook his head. "I can't be bothered with people who just won't understand."

"Oh, you

"The Magician searches with laser scan for the Earth Mother to satisfy the nerve-needs of your ventral attitude."

"Yes, I need an Earth Mother 22 years old," said the Magus.

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SLOT-2: BIO-SURVIVAL FUSION

The Earth-linkage; The First Mate

ZODIAC: TAURUS, The Earth Connection

ATTITUDE: FACE-TO-FACE SATISFACTION



"The Earth Queen provides the face-to-face satisfaction of the ventral hungers. Material contact. This card portrays the First Fusion of the infant-mother--which continues in the security and satisfaction obtained from the full-belly, the soft material touch, the sense of cushioned languor."

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SLOT 2 BIO-SURVAVAL FUSION; THE SECURITY LINK

THE TAROT EMPRESS (note change of Tarot cards 2 and 3)

ZODIAC: TAURUS

Neural Circuit. This slot represents the external, active output of the First ~~Imprint~~. The ventral-ventral linkage. The embracing, belly-to-belly connection (not for sexual sperm-egg fusion, but for biological security). The soft landing of the infant onto the planetary skin-surface. The external target of the First Circuit vegetative connection. The First Mate. Mother Earth, source of nourishment, warmth, softness, food. The searching, hungry, stimulus starved ventral nerve-endings hooked up. The First Fusion Forward is solid, comforting, smooth, warm, cuddly, and moist.

Tarot literature personalizes this basic engagement as the Empress-Mother. Universal fecundity. Venus, the second planet, warm and humid. Corn ripens around the fruitful mother. She holds the blossoming sceptre. Refugium of the weak. "She is outer sense of the primal word", a splendid quote from ancient occultism that precisely forecasts Slot-2 of the Neurogenetic Array.

Let this card locates the First home on earth, solid, tranquil, sensual, tactile, Security. The ventral nerve-endings of the infant search, find, and connect with earth. The satisfied Child-mother fusion.

This element is expressed as material love, pleasure in food, drink, contact with soft luxury, comfort, indolence, The steady, quiet, immovable fulfillment results from the ventral-ventral fusion.

At this point it was the wish of the transmitters to find a person who could be described as the essence of Slot 2. The word was flashed on the prison grapevine--locate a Slot-2. To our amazment one was not to be found in the penitentiary. The problem was presented to the council of wise old cons--men who have been watching the interplay of raw-essence personality in the purifying crucible of prison where there is no evasion or cover-up possible.

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CARD 3 EMOTIONAL PASSIVITY; THE BELOW LIFE

TAROT ~~HIGH~~ SLY PRIESTESS (note number switch with Empress)

ZODIAC: GEMINI

This card represents the passive-receptive phase of the Second Circuit, the inferior side of power, domination by evasion, stealth, shifting flexibility, yeilding. The clinging, enduring, submissive Yin, the unmanifest hidden power. The underworld. Second childhood - motion-emotion.

~~The Tarot portrays this imprint as a young woman, "The~~

The attitude is mercurial; sliding to avoid pressure from above; the passive evasion of the young and small. The motion is swift, changing. The direction reactive, adapting, supple,

The Tarot portrays this element as a young woman personifying the mysterious wisdom of the Sly Priestess who must exert power covertly. The Tarot commentaries stress the secrecy. "The Scroll in Her hand signifies the Secret Law and the second sense of the word. It is partly covered by Her mantle, to show that some things are implied and some spoken."

"She has been called (pompously) Occult Science, but She is really the Secret Life of smiling crime and sweet deceit."

The Second Circuit manifests as emotional politics. This slot represents the weak side of the eternal gravitational (up-down) polarity--the down-trodden, the young, the rebellious, the helpless victor, the wily small, the female-male, the boy-girl. Cunning, furtive, crafty, smooth, deceitful, underhand. Betwitching, beguiling, enchanting, charming, fluent.

In the prudish Middle Ages this attitude was laundered as the Nun or Priestess behind whose demure smile and robes flashed silken ~~skin~~ smiles. He is sly, mysterious, enigmatic, veiled, paradoxical, two-faced, two-sided, He mirrors, imitates, reflects, echoes, simulates, feigns, dissembles. He is quicksilver.

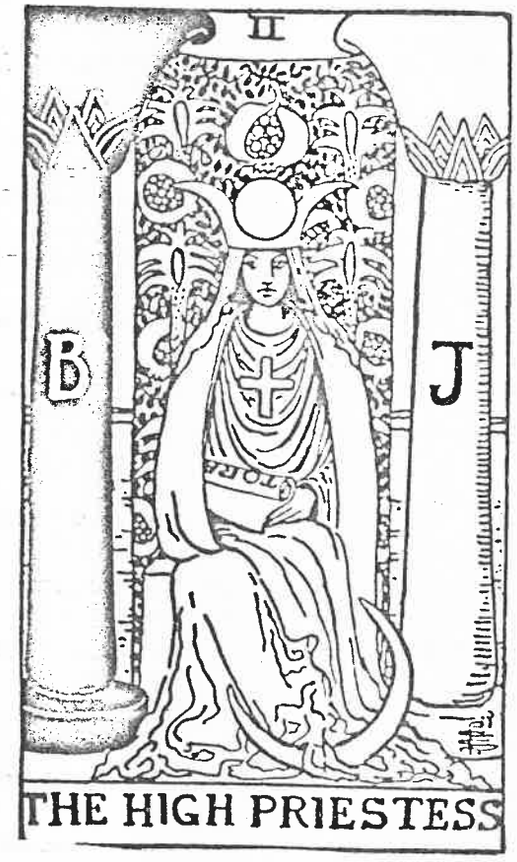
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SLOT-3: EMOTIONAL PASSIVITY; XXXXXXXXXXXXXX

THE BELOW LIFE; FIRST CHILDHOOD

ZODIAC: GEMINI, The Sly Priest

ATTITUDE: MERCURIAL



"The Sly Priestess deals with the superior power by shifting flexibility, stealth, smooth secret craft."

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CARD 4:

CARD 4: EMOTIONAL INTELLIGENCE: THE EGO

TAROT EMPEROR

ZODIAC: CANCER

integrating synthesizing function of the

her This slot represents the Second Circuit. The emotional intelligence ~~which is~~ designed to acquire and control territory, maintain autonomy, crawl upwards against gravity, adjust behavior so as to avoid helplessness. This element is personalized as EGO. the Second Brain.

- how strong, how weak -

The Attitude is (tendency —) upwards, but by shifts and starts, side movements, waits and lunges, The preceding slot deals with power from below. The succeeding Slot, deals with the external manifestation of emotions in social STRUCTURES. ~~politics.~~ Here we consider the Emotional brain which can mobilize the endocrine and motor systems to maintain the appropriate position of dominance-submission, towards-or-away.

naive, pre-psychological

The Tarot card Emperor reflects the medieval concept of the the ATP muscular armies to Ego as the decision maker which can command/ retreat, evade, attack, dominate—all in order to control.

The Tarot text tells us, "This is not the wisdom of the Higher World, but terrestrial." The moody dictator, subject to stormy extremes, joy, despair, horror, compassion, sorrow and ecstasy—holds each emotion fast with a retentive memory."

ego-

The emotional intelligence/ is programmed to take over, hold on, control, expand. ~~Keep on top.~~

This slot represents the experiencing of emotion as contrasted with the passive or active expression of emotion.

Moody, impulsive, jumpy, sensitive, now advancing, now retreating, expressive, intense, emotional, insecure, capricious, pensive, temperamental.

Moody, impulsive, jumpy, sensitive, now advancing

The adrenaline headquarters nervously sorting signals for advance, withdrawal, up-down. All the part of the strategy of possession and control.

insecure, capricious, pensive, temperamental

All in the service of control

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SLOT-4: EMOTIONAL INTELLIGENCE; XXXZXXX

THE EGO; THE SECOND BRAIN

ZODIAC: CANCER, The Emotionist

ATTITUDE: UPWARDS, CONTROLLING



"The primitive Tarot card Emperor represents the ~~xxxxxxxxxxxxxxxxxx~~ naive, pre-psychological midieval concept of the Ego as decision-maker; the moody hypothalamic dictator which can command the ATP muscular armies and the endocrine brigades to retreat, evade, attack, dominate--all in order to control."

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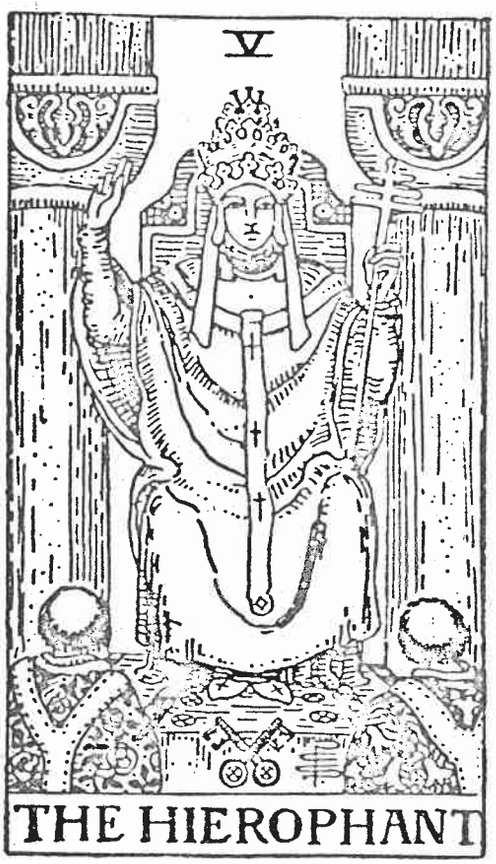
SLOT-5: EMOTIONAL OUTPUT

THE EXTERNALIZATION EX AND SOCIALIZATION OF EMOTION

THE SECOND MATE

ZODIAC: LEO: The Big Lover

ATTITUDE: SUPERIOR, DIRECTING ENERGY DOWNWARD



"The Big Lover is always tuned into the emotional networks which are visible and tangible to him. She has no interest in the symbol/dexterity of the Third circuit or the internal appetites and direction of the First circuit, nor the domestic-sexual imperatives of the Fourth. Admiration, veneration, warmth, respect, submission are the food, form and fashion of the Big Lover"

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CARD 5: EMOTIONAL OUTPUT, ~~REALIZES~~ THE EXTERNALIZATION OF POWER

TAROT HIGH PRIEST

ZODIAC: LEO

Her this card represents the external-socialized output of the Second Circuit. ~~imprint.~~ ~~Power and~~ Emotions ~~externalized~~ objectified in social systems. The Big Lover. (EMOTIONAL FUSION.) The Second Mate

The attitude is above directing energy downward. Superiority. Rule. Command. Patronizing geniality.

Slot-3, the Sly Priest(ess) hides emotions, from below. Slot-4, the emotional Ego experiences and reacts. The Slot-5 attitude is on top, proud arrogance, shining down.

The child at the early walking phase is confronted with tangible symbols of superiority, first in the family, ~~then in the play situation,~~ then in the play situation, and pervasively and indiredtly from society as transmitted by social chains. The child looks up to the power of Father, then realizes that Father fears Mother, then picks up that Mother fears the policeman, then sees that the police fear the Dictator etc.

Very quickly the child understands that emotions are socialized in a vast system and that everyone plays various parts in the network. Muscular force is the first and most obvious orienting factor. The child learns that power is ~~[illegible]~~ focussed and brokered in very systematic ways. During the period that the motion-emotion imprint is being laid down, the child selects an emotional style, an emotional repetoire. The selection is not conscious; it is literally imprinted on the photgraphic-sensitive membranes of the sympathetic nervous system. Each nervous system, moreover, is pre-programmed genetically to react in a specific ~~[illegible]~~ emotional mode.

We have seen that the slot-3 response is ~~a~~ passive-reactive, basically avoiding the power machinery by secrecy. The slot-5 response is to actively control by contrast the emotional machinery, to take over the ~~power~~ foci of the power structure nearest at hand. By smiles, extroverted c ordiality, proud confidence,

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stately bearing, commanding carriage, dramatic self-assertion.

This element is often expressed in teaching, politics, and social roles which attract the devoted attention of admiring students, of dependents. Generosity and helpfulness, sunny optimism and expansiveness. Fascination with and skill in manipulating emotions. Affectionate and sensitive to mood-signals. Here we find the EGO externalized--vain, showy, companionable, gregarious, festive, hospitable, romantic, possessive, enthusiastic, regal.

The linkage of Second Circuit energies defines the Second Mate. Fusion with the social machinery which provides admiration and veneration.

Tarot cards were designed during the pre-psychological Middle Ages when the Pope was the Authority, the throne of emotional-power. Although Card 5 is usually portrayed as male, the names of Abbess, High-Priestess, Queen have been assigned to this element and in modern days the person of the school teacher is for many the immediate symbol of socialized emotions--a state employee passing on and enforcing the ruling style.

But the basic quality of the slot is male. Organization, law, burocracy, titles, administration. Politician. Chairman. The person around whom the emotion network centers.

In the classic Tarot card the Ruler has at his feet two crossed keys. Keys are the basic instruments of emotional power. One key lokks in; and the other locks out. Two uniformed underlings kneel before the Ruler.

This neural circuit is wired with a hunger for eminence and admiration. Idolization. The nerve endings quiver for reassurance that SHe is devotedly loved. Not for the cringing subservience of the terrified but the warm glow of veneration.

The neural equipment is prepared to take charge. Leadership is the posture. Feelings of uselessnsss and helplessness when not assuming

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Fuxizmxatz8ix

Slot-5: Externalization of Power: The Circuit 2 Linkage of Richard Nixon and Bebe Rebozo

Perhaps because of their similarities, they can let down their hair with each other in a way they seldom can with outsiders. One White House staffer, for example, described a game of King of the Pool that Rebozo and Mr. Nixon once were spotted playing in the President's Key Biscayne swimming pool. It was late at night, after several drinks. First, Mr. Nixon mounted a rubber raft in the pool and fought against being dumped by the swimming Rebozo; then they changed places, and Mr. Nixon tried to overturn Bebe.

Newsweek, April 22, 1974

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some kind of obligation. The sense of importance leads automatically to transmissions of advice, counsel, decision.

The disposition is sunny. The endocrine-muscular compulsion is to be superior, lecturing, teaching, guiding. If this one cannot be the star of the team he dominate the game as umpire.

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CARD 6: MENTAL PASSIVITY; THE RECEPTIVE MIND

TAROT CARD: The Lovers

2001 4C : VIRGO

1st This element is the passive phase of the Third Circuit, the left-cerebral hemisphere learning how to discriminate, order, differentiate. From the swirling nebular clouds of raw sensation the right hand learns to select, close down, grasp the abstracted detail. This circuit emerges during the period when the child begins to talk and manipulate dextrously. Third childhood. the Student. Receptive

The attitude is narrowing, focussed, passive, internal-cognitive. The mind absorbed in its own mentation, concentrated on ~~mastery~~ order, logic, value, relationship.

When the child discovers that the world has been packaged and labelled there is a period of dutiful, industrious symbolization. The chaos of complex sensation must be discriminated and ordered. While every nervous system evolves through this phase, some, pre-programmed genetically and/or exposed (at the time of imprint vulnerability) to an orderly environment, adopt this style of adaption as a survival device and social role.

element identified.

This Tarot ~~person~~ is easily ~~diagnosed~~. Gentle, methodical, dutiful, industrious, introspective, worried, often a bit obsessive or anxious, pressed by the continual need to order the neural input of every second. Capable at repetitious tasks, dependable, fastidious, exacting, fussy, dogmatic about the categories, neat, sometimes irritated by people and events which do not fit the boxes, detailed, hairsplitting, often made melancholy and weary by the refusal of the energy flux to remain dependably consistent, prudent, inhibited by logic and rules, critical, painstaking, practical, punctual, devoted, diligent, reliable, particular, modest,

The internal concentrated attitude leads to a detachment. This element is shy, fearful of connection, passion, or dependence. Cool, self-controlled, self-preoccupied, self-disciplined. Mentally celibate.

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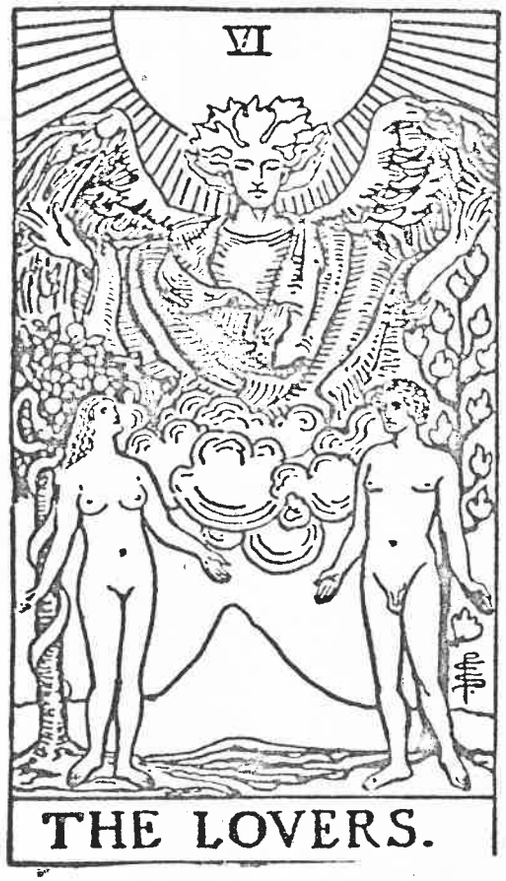
SLOT 6: MENTAL PASSIVITY

THE RECEPTIVE MIND

THIRD CHILDHOOD

ZODIAC: Virgo, The Student

ATTITUDE: Narrowing, focussed, evaluating



" The Student is receptive, dutiful, serving, ordering, shy, naive, inhibited. The virgins look upward for instruction."

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Docile to order and authority. But quick to criticize, sensitive to disorder and inconsistency.

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The middle-age child



effrey Corder, 6, of Calumet Park, Ill. is in the first grade.

6 to 12



Seventh grader Jenifer Morris of Mill Valley, Calif. turned 12 in May.

Twenty-eight million young Americans are now living through the exuberant years from 6 to 12. Consider what they face. The simple act of starting school means wrenching loose, for the first time, from the security of home and family. The self-centered infant must become a social creature, learning to meet and get along with all kinds of new people, not only unfamiliar classmates and teachers but other adults outside the family. The child is given—and must accept—real independence, developing from it the opinions and feelings that will shape his values. Anxieties and conflicts begin to crowd him, and how he copes with them now sets a pattern for later life.

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CARD 7: THE INTEGRATING MIND

TAROT: Chariot Driver

ZODIAC: LIBRA

This element locates the Symbolic Mind, the Integrating Intellect. The Symbol computer. The third Brain. mediates the

The Third Circuit of the nervous system grasping, integrating, ~~relating~~, and transmitting of symbols. The reception is dendritic-- card 6-- passive, internal, receptive. The transmitting is axonic--active, external, Card 8-- expressive. The Integration, Card 7, ~~The relating~~ is the neural center--harmonizing, balancing, analyzing, synthesizing, inhibiting or stimulating transmission.

The attitude is balancing:

between

acceptance of symbols.....and....expression of symbols

passive repetition of symbols...and...active manipulation of symbols

closed discrimination of symbols...and...open creation of symbols

The Tarot portrays this element as the Chariot Driver guiding two Black and White Mythic Beasts, one one We shall let these two mysterious entities represent the passive and the active sides of the symbolic mind. It is interesting that the Chariot is the only manufactured, instrumental object named in the Tarot deck--a nifty confirmation of the Third Brain--manipulative, technological, dextrous.

The Chariot Driver has a tool in his right hand for active expression and his left hand is open and passive.

According to de Laurence, "SHe is conquest in the mind, in science, in progress. SHe is above all things, triumph in the mind."

De Laurence is clear about the terrestrial nature of this slot: "It is to be understood a) that SHe has solved the problem of Mundane Nature and not of the world of Grace and Time, to which the Charioteer could offer no answer; b) that the planes of his conquest are manifest or external and not within himself, c) that the liberation which SHe effects

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SLOT 7: THE INTEGRATING MIND

SYMBOLIC INTELLIGENCE

The Third Brain

ZODIAC: Libra, The Beauty Brain

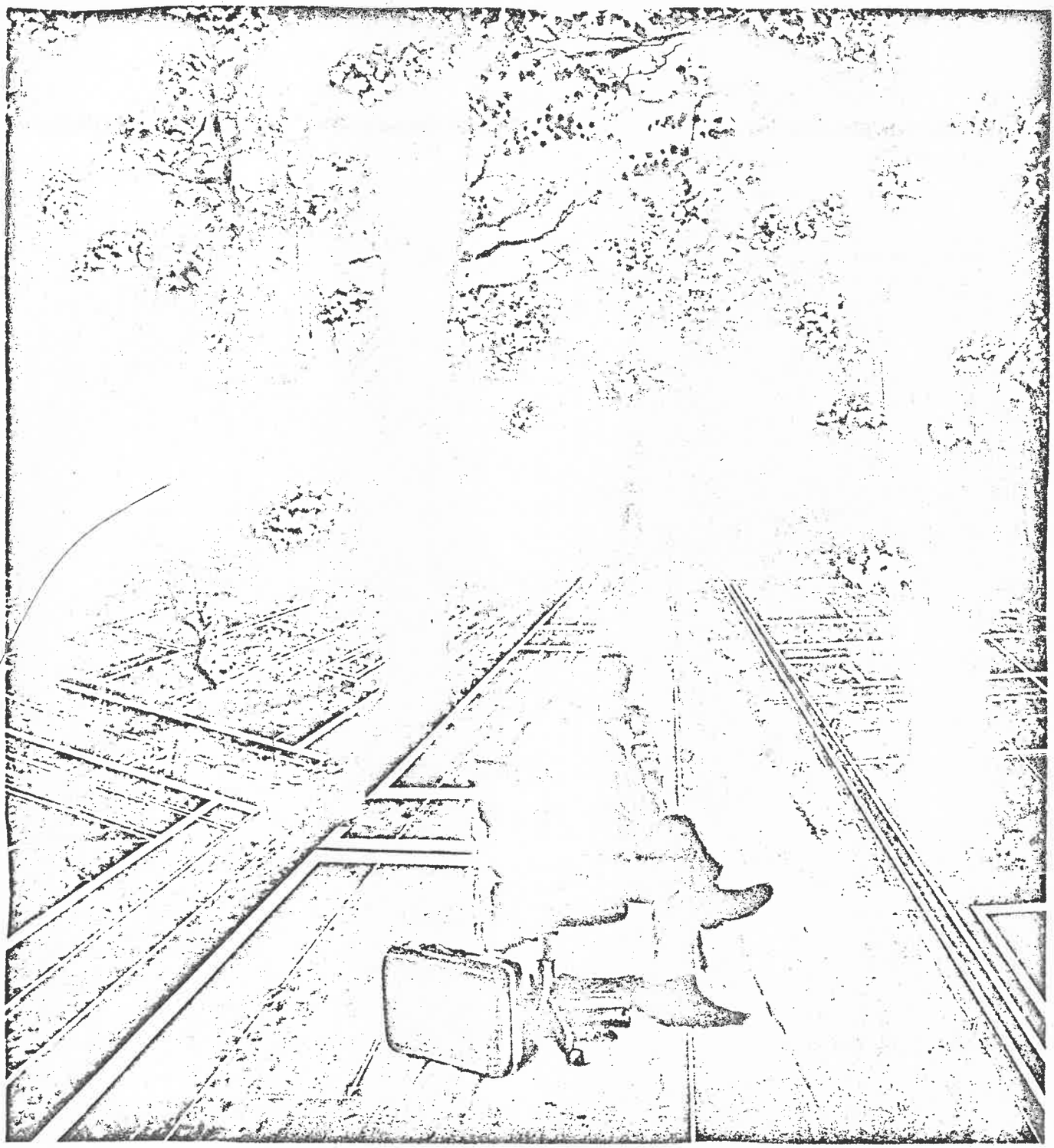
ATTITUDE: Balancing



"The Third Brain is intelligent, harmonizing, versatile, changeable,-
obsessed by ~~the flow of beauty.~~ harmony"

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Slot-7: The Integrating Mind; Libra Harmonizing the Active and Passive Aspects of Symbolic Thinking



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may leave himself in the bondage of the logical understanding (that is, he is trapped in the reality of his mind); d) that the tests of initiation through which he has passed in triumph are to be understood rationally.

The manifest behavior is mediating, intelligent, inconsistent, vascillating, dual, continually comparing, harmonizing, arranging, changeable, versatile, inconstant, fluctuating, fickle, oscillating,

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CARD 8: THE ACTIVE, MASTERING MIND

TAROT CARD: Strength (note conventional change with Justice)

ZODIAC: SCORPIO

Act This element, Slot-8, represents the active, expressive intellect. The Master Mind. The Upper Hand manipulating dextrously. the third male.

We have seen that Slot-6, the Passive Mind, the Lower Hand, mimics, in-cells, repeats symbolic patterns. By contrast, Slot-8 the Active Mind creates, ex-cells, expresses.

The attitude is active, open, sharp, creative, ~~manipulating~~. Manipulative intelligence, the acheiving, successful mind externalized in systems of business, science, manufacture, symbolization. Excellence. Fame. Sharp precision. Novelty. Originality. Sharp precision. Status, earned by acheivement. Craft. Capacity. Acuteness. Perspicacity. Genius. Skill. Adroitness. Proficiency. Competance. Versatility. Artistic.

Success won by dexterity, not by force. Educational awards, teacher status, reputation, wealth, possession, credit. The master stroke. The winner. Occupational and professional rank.

go to page 2

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SLOT 8: The Master Mind

The Success

The Third Mate

ZODIAC: Scorpio,

ATTITUDE: Active, sharp, manipulative



"The Master Mind wins success by means of dexterity not force. Symbols manipulated and connected ~~for~~ proficiently. Sharp, precise, futhless in driving towards the ~~goal~~ symbolic goal."

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MENTAL DISCRIMINATIONS

CARD 8 - SUCCESS

(Elsewhere known as ~~Strength~~ Card XI Strength or Fortitude)

This element represents the external-socialized output of the Third Circuit. Manipulative intelligence objectified in systems of business, science, manufacture, symbolization. Excellence. Fame. sharp precision. ~~Earnedrst~~ Status earned by ~~achei~~vement.

Power won by dexterity not by force or politi~~ss~~. Educational awards, teacher status, Reputation. Wealth, possessions, credit. The master ~~stroke. The winner. Occupational and professional~~ rank.

~~Thextargetxof~~

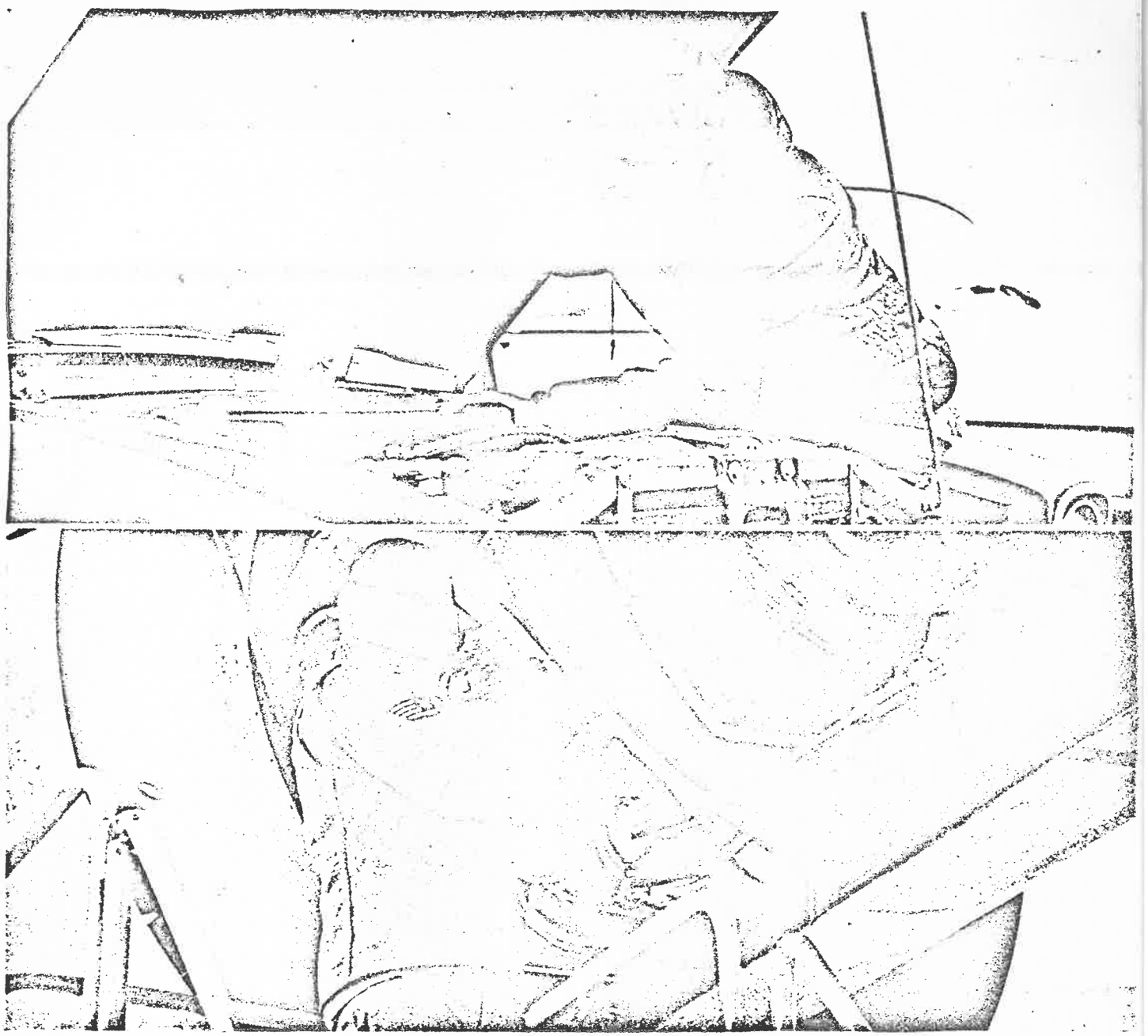
During the extended period of symbol-learning which follows the first attempts to talk and grasp, the child's nervous system scans for a Third Circuit imprint model. symbolic He or she begins to learn a craft. If the Third Circuit imprints reptitios reactivity, calculated stupidity then ~~the Second Circuit power circuitry may direct towards a Second~~ The person loses interest in symbols and selects a second circuit occupation where ~~physical~~ emotional strength is the critical factor.

Tarot cards were designed during the Middle Ages when technology, science, and ~~the~~ even the craft-guild tradition of skilled manipulation did not exist in the west. The Tarot illustrations for ~~this~~ Third Circuit Success are therefore fuzzy and allegorical. To update the Tarot it would be necessary to introduce technical mastery themes in the cards for the Third Circuit.

We are provided here with an example of how later discoveries must be used to revise and ~~fi~~ complete errors and omissions in earlier neurogenetic symbol systems.

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Start with an inquiring mind. Add a passion for making things work. Then combine these qualities with a love of machines and a craftsman's hands, and you've got a natural born mechanic.

When the Air Force gets hold of a guy like that, they'll spend thousands of dollars to train him to be a master at his skill. And from automotive repair to computer maintenance, the skills the Air Force teaches can be as valuable out of the service as in it.

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CARD 9 SEX-ROLE PASSIVITY; THE ADOLESCENT

TAROT CARD: The Hermit

ZODIAC: SAGITTARIUS

Let this element be the passive-receptive phase of the Fourth Circuit, the awakened sexual system, before commitment to parental role or domestic responsibilities. Here is the adult body, fully equipped sexually, but uncommitted to sperm-egg linkage. The perpetual adolescent. Fascinated by sex but unable to domesticate as parent. Fourth Childhood.

This card portrays inhibition, ~~sublimation~~ or indulgent avoidance of the domestic impulse. The post-pubescent who turns away from sexual fusion, imprinting a celibate model; or who indulges in self-gratifying, ~~non-erotic~~ sexual activities basically masturbatory even if another is involved. The playboy, the tease; many homosexual styles.

The Tarot cards were designed in a pre-freudian era when there was little conceptual understanding of the sexual impulse, its evolution and domestication. Nor of the difference between sexuality and erotic fusion. Thus we are not surprised to see this ~~imprintxxxxx~~ genetic template-slot and this imprint-mode portrayed by the renunciate figure of the monk. He is bachelor, spinster turning away from the uterine Wheel of Life (which is the integrating-mind of the Fourth Circuit).

The Hermit-monk-yogi is often described in the glowing terms of naive occultism as seeking the inner-light, the higher wisdom etc. Actually, the terrestrial meaning of this role is almost totally sexual--renunciation of sperm-egg responsibility.

indulgent adolescent

The attitude is youthful innocence, internalized sexuality expressed in religiosity, clownish superficiality, the lonely gregariousness of the adolescent, avoidance of marriage and the responsibility of the parental state.

Flamboyant chastity, tactless naivete. The excitement of foreplay socialized as flirtatious immaturity. Juvenile charm, enthusiasm,

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frank, ernest, sincere ingenuousness.

This neurogenetic stage is externalized in sex-roles which involve substitue domesticity, bachelorhood, spinster-hood, ~~the~~ responsibile domesticated positions of surrograte parenthood.

Unsophisticated rebellion, unwordly nautiness, adolescent idealism, undomesticated individuality, often espoused, not to a sexual mate, but to a cause.

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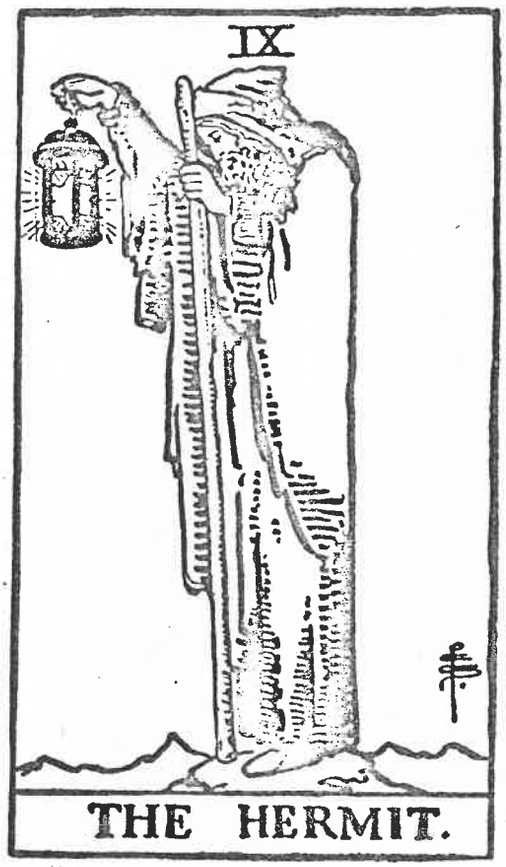
CARD 9: SEX ROLE RECEPTIVITY

The Adolescent

Third Childhood

ZODIAC: Sagittarius

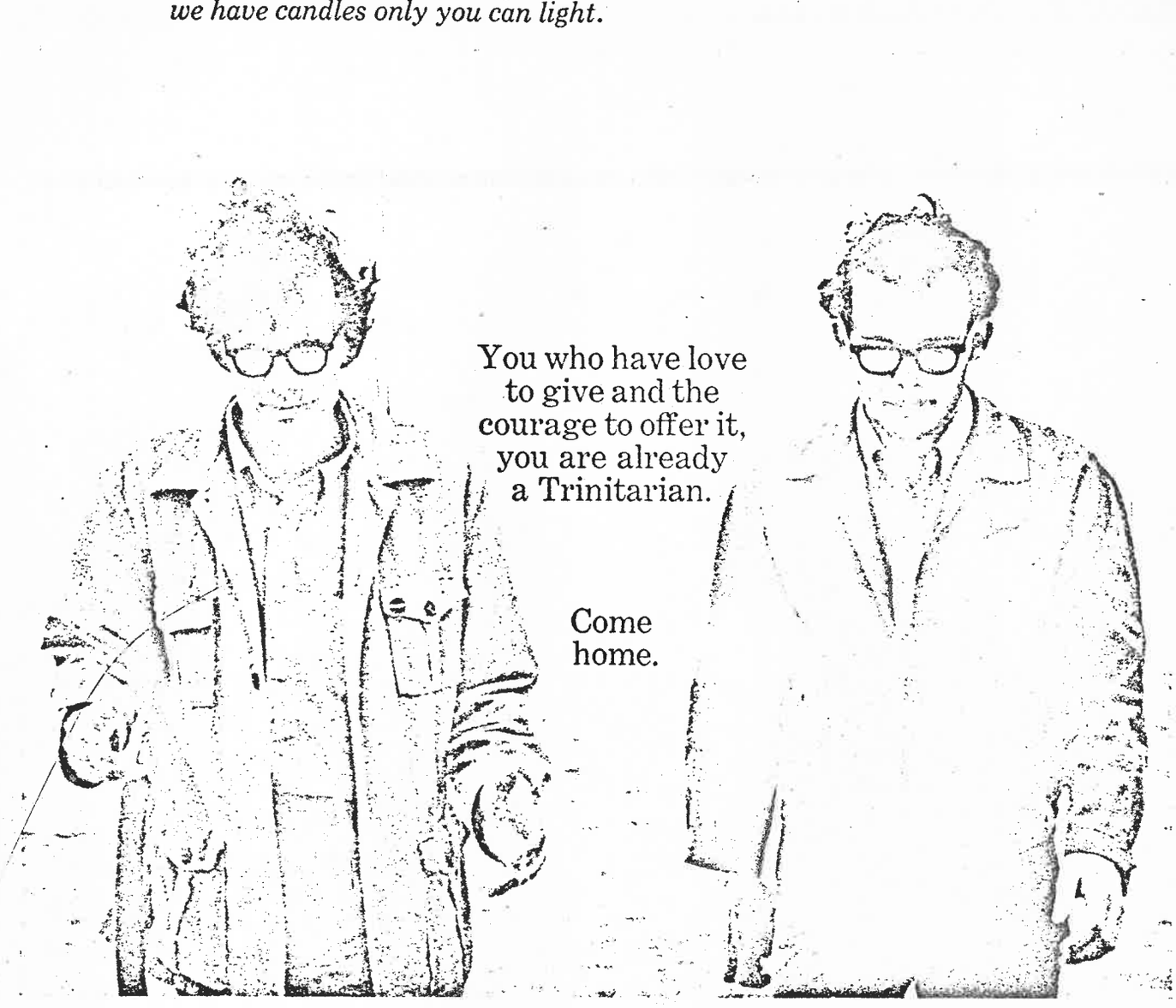
ATTITUDE: innocent self-indulgent, playful or ascetic sexual activity



"The Adolescent is obsessed with pre-marital and extra-marital sexuality--expressed or fiercely inhibited. The Bachelor-Hermit hides Hir body in robes retreating from the sperm-egg invitation. Innocence, flamboyant chastity, youthful romantic sexuality.

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A vocation is a call to come from where you are to where you ought to be. We're calling you. Doubt no more, wait no longer — we have candles only you can light.

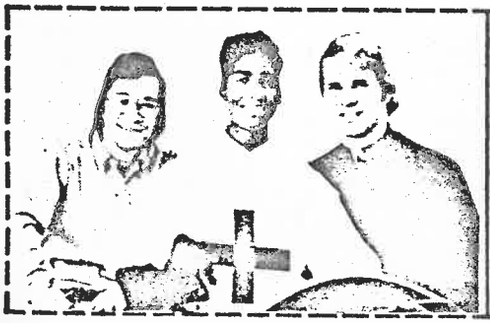


You who have love to give and the courage to offer it, you are already a Trinitarian.

Come home.

You need to love someone who loves you. You need to belong to something that belongs to you. We Trinitarians know. For nearly 800 years we have been accepting Jesus' challenge: Remain in my love.

And this love overflows to our fellow man. Because we work to make life beautiful for others, our own hearts are full. Our home is warm and happy. Come see. Come home.



Father Joseph, Grey Rock, Garrison, Maryland 21055

Dear Father Joseph:
Please write to me. I want to know more.

Name _____

Address _____

_____

If you can't join us, help us a little — even a buck for luck (God's smile).

ORDER OF THE MOST HOLY TRINITY ∞ A ROMAN CATHOLIC COMMUNITY OF PRIESTS, BROTHERS AND SISTERS.
Founded 1198 — the oldest order of friars in the Church.

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~~800 yo 9 Tarot Slot 9 Sexual Passivity~~

An impressive unconscious neurogenetic intuition is portrayed in this advertisement recruiting for Catholic monks. Slot 9 locates Sexually passive domesticity. The five young men photographed are sexually inactive in physique, dress, posture. They clearly do not send a sperm-egg signal. No fertile women are represented in the appeal. The domestic invitation is frankly stated: "Come home. Our home is warm and happy. You need someone who loves you. You need to belong to something that belongs to you."

It is survivally necessary in a domesticated primate society to have adult men and women who are freed from parental responsibilities, To teach the young, to minister to the ill and needy, to serve social functions which are neglected by parents whose loyalty is to their children.

In village life these bachelors and spinsters live with their families and share the warm, supporting companionship of their relatives. In the fragmented urban or suburban society bachelors are blocked from the rewards of domesticity and have traditionally formed religious, social, and military groups to express their sexual hungers.

The Slot-9 energy is, of course, extremely sexy. Manifested socially as the Sagittarian personality, such people usually operate at the sexual excitement level of an adolescent--obsessively prudish, continually struggling to maintain renunciation or obsessively promiscuous. Both the monk and the playboy, the homosexual and the courtesan are intensely and violently involved in the expression of sexual behavior which does not involve sperm-egg responsibility.

Pop and Mom can relax, their survival endocrine and neural circuits equilibriated. When they slip back into adulteries and middle-aged

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adventures they re-charge the Passive Sexuality circuits. (It must be clear that "passivity" refers to sperm-egg transfer. The Sagittarian behavior mediated by Slot-9 is quite "busy".)

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Slot-9: Sexual Passivity; ~~thez Playboys Monkz~~ Richard Nixon

Bebe (sic) Rebozo as Playboy Hermits

Rebozo himself described another light moment in a recent interview with CBS's Walter Cronkite: "We had a couple of these ladies' legs—it looks ~~like real~~ legs, they're skin-colored and all; they're blown up. And Abplanalp was going to come over to visit us, so we decided to play a trick on him, and we borrowed a wig and a wig-stand from a neighbor, put it in a bed with the wig hanging over the thing and the legs sticking out from under the sheet. Bob came in, and when he saw that, he didn't know whether to act like he didn't see it, or leave or what, but it was quite a riot."

(Rebozo and Nixon)

But when the joking stops, the President and Rebozo are more likely than not to start talking business. ~~The Pres-~~

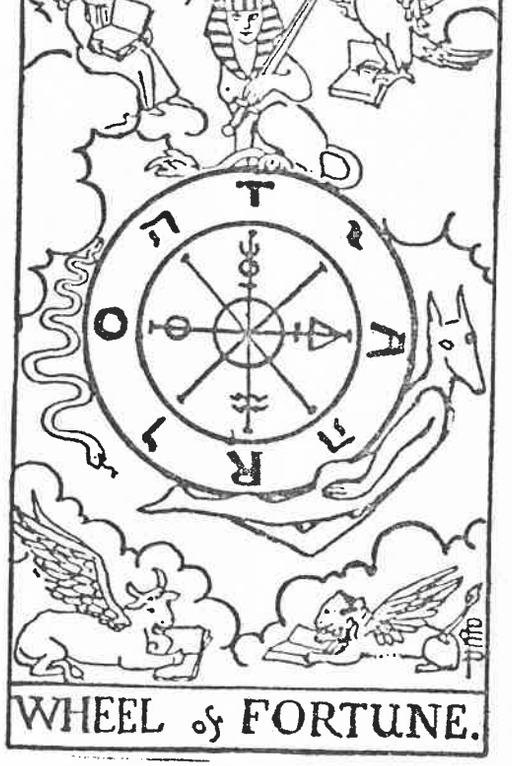
For a time, Rebozo acquired a reputation as something of a ladies' man as he squired a string of Florida's most beautiful women. But he never got particularly close to any one woman, and even today his relationship with his current "best girl," an attractive Key Biscayne divorcee named Jane Ann Lucke, seems somewhat antiseptic. According to Mrs. Lucke, in the one fragmentary interview she has permitted, Rebozo visits her a couple of nights a week at her home. There she and her mother, who lives with her and her two sons, give Rebozo piano lessons, watch TV or play a card game called Spite and Malice.

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SLOT 10: DOMESTIC INTELLIGENCE

Impregnation
The Fourth Brain
ZODIAC: Capricorn

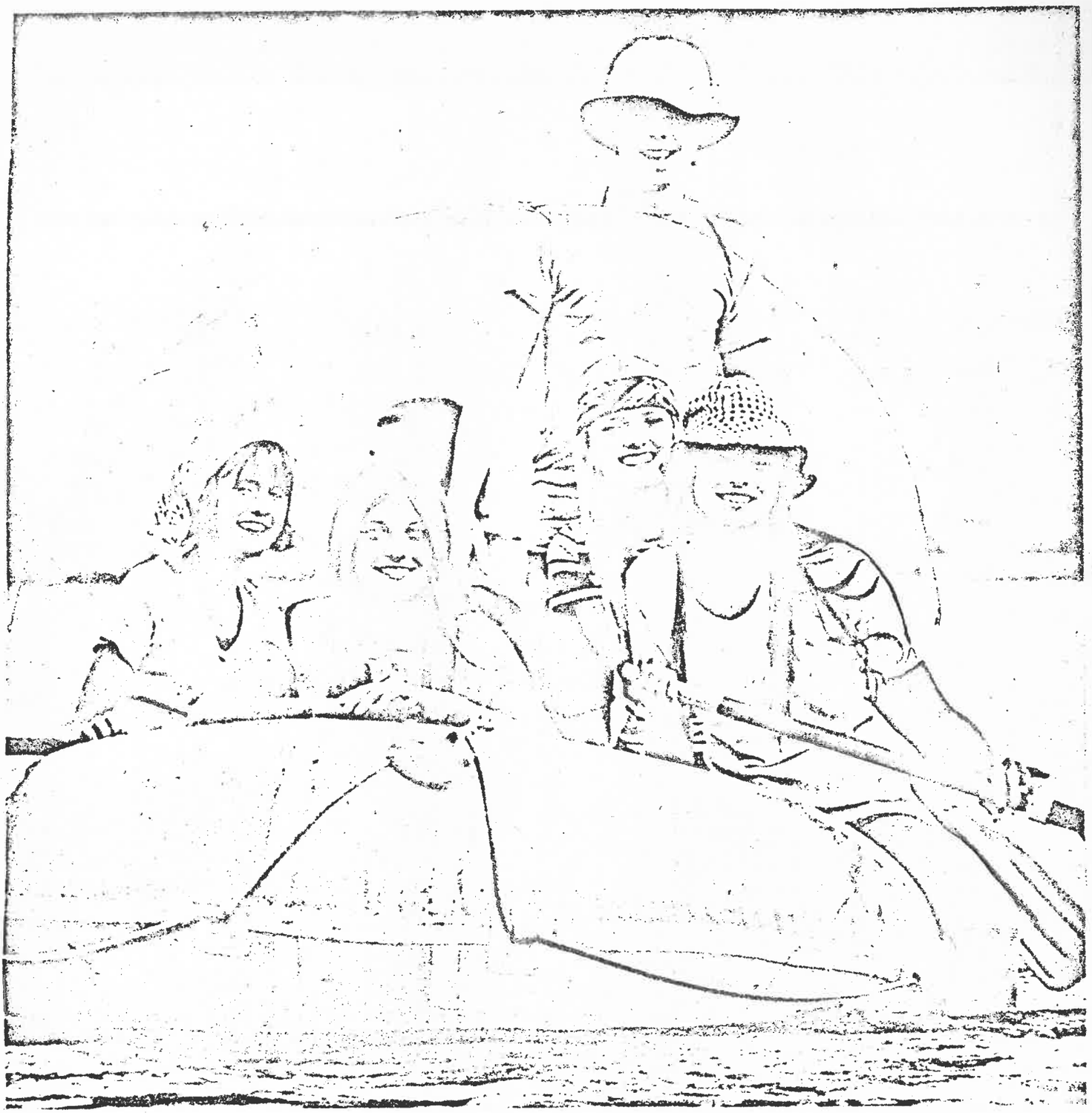
ATTITUDE: Parental-protective



"Impregnation is symbolized by the Wheel of Fortune, the great genetic roulette. When the sperm and egg fuse to create new consciousness, no one knows what is going to happen. The Great Mutational Lottery."

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Slot 10: Impregnation; Domestic Intelligence; The Wheel of Life Spins Blindly Seeking Sperm-egg Fusion



For you, the good times are any time

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Slot-10: Impregnation; Domestic Intelli[illegible]

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DOMESTIC INTELLIGENCE

CARD 10 IMPREGNATION

TAROT CARD: Wheel of Life

ZODIAC: Capricorn

Set this slot in the mid-point ~~center~~ of the entire Neurogenetic array, goal of larval terrestrial life.) the Home Base. The Fourth Brain.

be the nucleus of the Fourth Imprint. ~~In the 21-element sequence this card is literally, topologically the "wheel" around which the system revolves.~~ numerically

marital union.

Impregnation. Conception. The crucial, magical moment of re-creation, the passing on of the life-coil, the spiralling together of the two different codes to form a new entity. The mysterious import of this moment of fusion has never been adequately expressed by human symbols, not can it be consciously understood by larval humans. This vital flash-second of sperm-egg fusion has traditionally been kept hidden, relegated by civilized societies to the darkness, veiled by deliberate ignorance. Conception is unconscious. The seed linkage, certainly the most holy moment of biological existence, is deliberately disregarded, surrounded by repression, hypocracy, social metaphor. (This concealment and contrived ignorance about conception is apparently a by-product of civilized, urban, technological humanity, the fourth larval stage which is now being shed. Primitive tribal-society recognized the "religious", magical meaning of impregnation and the spiritual and political life of the human group centered on the fertility rite, the glorification of the sperm-egg fusion.)

It is exquisitely correct to symbolize impregnation by the Wheel of Fortune, the great genetic roulette. When the sperm and egg fuse to create new consciousness, no one knows what is going to happen. The wheel is spinning, and The man never can be certain of his father-hood. Nor can the impregnated Mother know the identity of the genetic thread contained in the pentrating sperm. A fertile male carries millions of different sperm-blue-prints in his seed-bag. Whichslithering, flagellating entity reaches the membrane goal is

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spin.

the ~~great~~ Monte Carlo/ Mutational
The Great/~~xxxxxx~~ Lottery.

"The Wheel of Life has seven radii; in the eighteenth century the ascending and descending animals were really of nondescript character, one of them having a human head. At the summit of the wheel was another monster with the body of an indeterminate beast, wings on its shoulders and a crown on head." The mutational flavor of the imagery is unmistakeable even when transmitted by pre-Mendelian, pre-Darwinian agents.

"The four Living Creatures (the four basic amino-acids? Adenine, guanine, cytosine, thymine?) of Ezekiel occupy the angles of the card...With the French occultist (Eliphas Levi) and in the design itself, the symbolic picture stands for the perpetual motion of a fluidic universe and for the flux of human life. The sphinx is the equilibrium therein....It has been said to mean principle, fecundity, virile honor...etc."

A coiling serpent-like spermatozooic creature swims around the circular ovum wheel.

The book of Ezekiel ~~is xxxxxxxxxxxxxxxxxxxxxxxxxxxx~~ is the classic biblical description of the descent of extra-terrestrial beings to earth. ~~xxxx~~ The astounding ~~xxxxxxxxx~~ technical detail and UFO specificity of the Ezekiel vision has led many to believe in the visitation of earth by ~~xxxx~~ galactic astronauts. Neurogenetics does not require the physical-space-ship arrival of ~~xxxxxxxx~~ alien cosmonauts. There is sufficient evidence to assume that throughout human history, certain pre-evolutes have ~~xxxxxxxxx~~ been able to decipher their DNA code, and experience futique perspectives. It is not necessary to invent hardware or look for flying-saucer vistors. Higher Intelligence visited this planet four billion years ago in the soft form of ~~xxxxxxx~~ miniturized genetic templates and the process of evolution centers on the beautiful, comic, totally mysterious fusion of sperm-egg, neatly symbolized by the ever-spinning wheel of fortune.

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This slot is externalized as solid, conservative, responsible family centered. The nervous system wired to parenthood. The nerve endings hunger for domestication, foundation and are less responsive to brilliance, change, self-indulgence, external causes.

The domestic intelligence cherishes gently, supports tradition, respects authority. Stern discipline and sacrifice in service of racial-seed continuity. Self denial. Persistent, steady practicality.

The social expression of this neural phase is marriage and around the home-altars center the consciousness and behavior.

This element is portrayed as Father-Mother.

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SLOT 11: TERRESTRIAL DOMESTICITY; XXXXXXXXXXXXXXXXXX

LARVAL COMPLETION

The Fourth Mate

ZODIAC: AQUARIUS, The Idealist

ATTITUDE: Sublimated and generalized domesticity



" This card represents the fusion of the sexual-domestic impulse with society, the state, the species. This element marks the completion of the larval terrestrial cycle, on the one hand, global socialization and on the other hand transition and preparation for extra-terrestrial mutation."

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CARD XI: TERRESTRIAL DOMESTICITY; ~~JUSTICE~~ LARVAL KARMIC COMPLETION

TAROT CARD: Justice

ZODIAC: AQUARIUS

let This slot represent the final stage of terrestrial evolution~~, and represents~~ the fusion of the sexual-domestic circuit of the nervous system with society, ~~and~~ the state, the species, ~~xxx~~ On the one hand this neuro-genetic stage ~~(xxxxxxxxxxxxxxxxxxxx)~~ links the human nervous system ~~xxxx~~ with social systems which ~~xx~~ supercede the family and even the self, a phenomenon which is ~~now~~ occurring in ~~the~~ socialized patriotic countries. On the other hand this stage represents a transition from terrestrial linkages to extra-terrestrial states of consciousness and intelligence which are coded in the twelve cards of Tarot II.

The attitude is detached from/the personal-familial and embracing ~~xx~~ "higher" ideals, either ~~xx~~ commitment to ~~xx~~/social collectives or commitment to ~~an advanced~~ idealized forms of individualism. Humanity is now evolving into many new species. Most will mutate in large state-religion collectives. Some will mutate individually and then find other individuals ~~xx~~ with whom post-human linkages will be made. In either case, the attitude is future oriented.

This Tarot card is inaccurately labelled "Justice". It is understandable that the notion of a higher collectivity or individuality would, to midieval minds be best described under the rubrid of justice. Most recent Tarot commentators recognize that this slot does not refer to social jurisprudence, but rather to KARMIC COMPLETION, an ultimate balancing of terrestrial affairs preparatory to mutation. ~~xxx~~ In the Tarot equation, let this slot represent a ~~xxxx~~ terrestrial point of judgment, a mutational choice point--to remain on the planet by means of/collective ~~xxxxxx~~ social-linkage (cyborg-insectoid) or to leave the planet.

Whether the individual evolves into extra-terrestrial existence or remains planetary may well be a genetic pre-print. A more optimistic view would

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suggest that the task of the human being is to re-imprint and experience every one of the 12 terrestrial slots and then evolve to extra-planetary consciousness.

This element is considered the most advanced, idealistic Terrestrial state and is expressed in a lofty, dreamy, utopian nature oriented towards individuality, freedom, change, higher spheres of thought, humanitarian virtue, peace, brotherhood etc. Loving to all (although not to one or a few), curious, cooly impersonal, imaginative, often a genius, often seen as flaky or full-blown insane, raving cheerfully about global justice and the oneness of man, independent, loose, forgiving, sometimes patronizing, fascinated by the unknown, sincere, sometimes personalized as heroic paragon, psychic, romantic, sometimes moralistic, head in the clouds, eyes on the future, far-out, spaced-out.

The fusion of sexual-impulses is generalized and not directed to individual liasons. The domestication is global; the love transmitted to collectives and ideals rather than indivudals.

Humanity is currently completing the last stage of its evolution. Technology, over-population, the omni-present control of the parental state, social-security, increased social responsiblity, womb-to-tomb protection complete the process of domestication. All the wild-free creatures are doomed to quick extinction. The present human gene pool will mutate into many varieties of new species. Most of them will remain terrestrial and will survive in a cyborg-insectoid mode of adaptation. Comfortable, urbanized. Some will migrate from the planet. Of those post-human species which migrate some will become colonists on other planets. Some will remain mobile as interstellar explorers and seed-transmitters.

Slot-11, the last terrestrial element, represents both

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aspects of the future, 1. the global, brotherhood-of-man-ism, ~~xxxxxxxx~~ equalitarian, socialism leading to cyborg-insectoid colonization, and 2. the yearning, prospective anticipations of extraterrestrial existence.

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At this point in the unfolding of the DNA array we come to an abrupt transition. The leap of metamorphosis, the extra-terrestrial flight. The first four circuits of the nervous system, the first twelve cards provide the living formula for larval terrestrial adaptation.

The next four circuits, the next twelve cards in the expanding Tarot equation symbolize the post-terrestrial stages of existence. The post-human interstellar life-forms towards which we are mutating.

A quick glance at the first twelve cards will confirm the primitive, heavy, mammalian, earthly, ancient, past orientation of the first four imprints. With the exception of the Impregnation (Wheel of Life) all the cards described so far present human figures engaged in some form of material, secular, low-level-larval activity. The Baby-Fool, the Wily-cellular Magician, Mother, the Secret Woman, Emperor-Power, Papal-authority, Adam-Eve, the Serving Mind, Naivte, Manipulative Mind, Success, marital Renunciation, Social Domestication.

A fast scan of the cards to come reflect the extra-terrestrial nature of the Fifth, Sixth, and Seventh Circuits: The Contra-gravity-Hanging Man, Death-rebirth, The Winged-form of Blending, The Einsteinian Devil, the Atomic Fission Tower, the Star, the Moon, The Sun, the Galactic Awakening-Judgment, and finally the Universe-Galaxy finale.

The last ten cards of the Tarot are post-Newtonian. In spite of the fact that the scientific discoveries had not been made at the time the cards were designed, still the numerical array of the Tarot fits the Neurogenetic sequence. The Tarot clearly progresses from the mundane to the Sci-Fi. The last half of the Tarot clearly deals in futique, mutant, extra-terrestrial themes.

It is fitting that the card that initiates the transition to post-terrestrial existence is that of the Floating-Reversed Man.

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insert for page 1 of Domestic Intelligence

The attitude is fixed security, ~~family~~ socially oriented, the ~~solid~~ idealized foundation for the protection and transmission of ~~the~~ genetic energy.

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PART III

TAROT II: THE TWELVE STAGES OF EXTRA-TERRESTRIAL EVOLUTION

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"I've got a brain/all dressed up
and no where to go. Why don't you
hatch me a dream from that frogspawn
cloud of comets ambling up and down
the ~~k~~ky, whose sudsy white nougats
of dust and ice may be the only spirits
in a lidless nite.

Diane Ackerman

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NEUROGENETIC PASSIVITY:

CARD 12 ~~TRANSFORMATION~~ THE RAPTURE CONSUMER

TAROT: HANGING MAN ~~(Elsewhere known at The Hanged Man)~~

let This element represents the ~~pre-imprint~~ passive-receptive stage of the Fifth Circuit. The transition from terrestrial gravity to interstellar existence. The breakthrough. The Passage. The Turn on. ~~The Awakening to fusion~~. Liberation from gravitational pull. the reversal, Transformation.

This card does not portray a hanged man, but rather a hanging person, floating free. There is no suggestion of gallows, rope, punishment. She is suspended in the attitude of rapturous detachment, passivity. Entrance-ment.

"The face expresses deep entrancement ~~(entranced mood)~~, not suffering. The figure as a whole suggests life in suspension, but life and not death. It is a card of profound ~~great~~ significance, but all the significance is veiled. One of his editors suggests that Eliphas Levi did not know the meaning, which is unquestionable, not did the editor himself. It has been called falsely a card of martyrdom, of prudence, of duty; but we may exhaust all published interpretations and find only vanity. I will say, very simply, on my own part, that it expresses the relation, in one of its aspects, between the Divine and the Universe." Note that in this penetrating comment De Laurance ~~speaks~~ attributes no mundane meaning to this card referring to "the Divine and the Universe." ~~By what mechanism~~ It seems clear that ~~universe~~ the modern meaning of "universe" is galaxy.

De Laurance goes on to say, "He who can understand that the story of his higher nature is embedded in this symbolism will receive intimations concerning a great awakening that is possible, and will know that after ~~the~~ ...terrestrial life...there is a glorious Resurrection."

"Great awakening" refers to the Turning-on of the Fifth Circuit... the amused, liberating detachment from terrestrial imprints, the discovery that one is not an earthling, that the body ~~is~~ can get "high", can be experienced as a gravity-free time-machine. Resurrection of the Body.

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SLOT 12: NEUROGENETIC PASSIVITY

The Rapture Consumer

~~The~~ Fifth Childhood

ZODIAC:

ATTITUDE: ~~Zero-gravity Flotation~~



"This element portrays the transition from the body as a vehicle maneuvering in terrestrial gravity to the body as gravity-free rapture instrument. This slot represents the "turn-on", the reversal from earthly to extra-terrestrial consciousness. The Higher Nature awakening. The attitude is passive, receptive and hedonistically consuming."

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liberation ... the larval circuits

"Resurrection" can be operationally redefined as ~~emigration~~ from ~~planet earth.~~ restrict WoMan to earthly survival robotry.

Practically, in the ~~xxxxxxxx~~ evolution of the individual's neurology, this element represents the passive, (receptive) (consumer) ~~receptive~~/phase pre-imprint when the Fifth Circuit has been activated but before the rapture linkage has been made. ~~xx~~ This is the ~~receptive~~ intake side of the Soma imprint. This card closely resonates with Card Zero, the Fool. ~~xxxxxx~~ Both cards are pre-imprint birth ~~x~~ situations. ~~xxx~~ ~~xxxxx~~ This is a crucial ~~xx~~ phase in extra-terrestrial evolution. Just as the Unformed Potential of the Fool must link with the Mothering One, so must the Awakened ~~xxxx~~ imprint (Sensuality) an output mate. If this imprint does not hookpup, if the ~~xxxxxxxxxxxx~~ Soma-rapture imprint ~~xxxxxx~~ remains passive, then the individual remains at this slot--the enlightened Fool, the Hanging ~~xx~~ Man. We speak here of the Hippie, the yogi, (the Ram Dass, Don Juan Floater) the ~~xxxxxx~~ ~~floating~~ hashishine, The wandering, unattached sensory consumer.

Oriental philosophy and/~~xxx~~ its western vulgarizations produce armies of Hanging people--awakened from larval imprints, but un-attached, un-tuned-in.

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NEUROSOMATIC INTELLIGENCE

CARD XX 13 SOMA : EROS

TAROT: DEATH (Elsewhere known as Death)

~~This element is~~ let Slot-13 represent the nucleus of the Fifth ~~Im~~ Circuit--the Body imprinted ~~a~~ separate from larval circuits.

This ~~xtxgexixsxuxsxxtlyxportrxyxdxxx~~ card portrays the enormous, well-proportioned, ~~xxxx~~ smooth-muscled Body of a Stallion-mare. Astride the horse rides a skeleton holding in its hand a banner inscribed with the Rose of Life. A bishop, ~~and~~ a Mother and child await the approach of the Horse with reverence and awe.

let This element represents the Resurrection of the Body, the rediscovery of the conscious Body, ~~triumphant~~. The liberation of Eros.

The first four imprints, we recall, totally robotize the body--this magnificent, coordinated trillion-cell network. The ~~firxt~~ larval imprints block off all Body awareness--except for occasional First Circuit survival cues--hunger, pain etc--and the fetal person uses his body as an automaton ~~xixexixdxixxxxds~~ scanning for conditioned cues and reacting in narrow standardized rote. The emergence of Body consciousness is symbolized by The living horse which dominates this card. The skeleton in armor is a dead symbol. ~~Thx~~ This card is a most ingenious, inventive signal--a masterpiece of esoteric communication. It is a powerful diagnostic flourish. It may be designed to ~~immediately~~ separate the mundane from the awakened. ~~If~~ Those who see this card as Death, those who react to the life-less symbol may be ~~xxx are~~ trapped in larval imprints, obsessed with mortality etc. Those who ~~xexzthx~~ resonate to the vibrant energy of the Stallion-mare may be ~~are~~ turned on to the Soma. If a real-life noble horse were to walk into your living room with a skeleton on his back ~~xexixyexzrxxxt~~ would your nervous system react to the dead bones or the live ton of steaming life?

let The skeleton, ~~of course,~~ represents the husk, the dry shell of four the transcended larval Minds. The armor the now useless Ego. The ~~High Priest~~ Bishop, symbol of the Establishment, and the Mother and Child, representing the Fourth Circuit Family, remain alive expressing homage to the Resurrected Body.

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SLOT 13: NEUROSOMATIC INTELLIGENCE

SOMA, EROS

The Fifth Brain

ZODIAC&zThe Resurrected Body

~~ZZZZZZZZxx~~



"The discovery and manipulation of the Body freed from the demands and dimensions of terrestrial gravity. The erotization of all sensation and motion. The Fifth Brain learns how to use the body as Time-machine, as rapture instrument, as aesthetic receiver, synthesizer, and transmitter."

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"The veil or mask of life is perpetuated in change, transformation and passage from lower to higher and this is more fitly represented in the rectified Tarot by one of fhe apocalyptic visions than by the crude notion of reaping skeletons."

The De Laurence cards portray, in the background, two towers, unusual, because they are in no way conventional, they are apparently not designed for living or defense. They resemble pylons or launching towers. Between them is a solar-star. The towers framing the sun can be interpreted as symbols of space-ship flight. Upward pointing.

"The natural transit of man to the next stage of his being is ...one form of his progress, but the exotic and almost unknown entrance, while still in this life,,,is a change in the form of consciousness and the passage into a state to which ordinary death is neither the path or gate." De Laurence hints that the new level is a higher form of biological life. He is coming close to seeing that the first step in post-mundane consciousness is into the Body. The notion that the Soma must be turned on, that the path to higher conscoiousness and accelerated intelligence lies through the Body is taught by certain Tantrist, Sex-magic Hindu, Sufi,/and Buddhist schools, but the lesson of Eros is usually taught indirectly, subtly because it is so dangerous to larval thinking, so opposed by noncepts of sin and social irresponsibility.

It comes as a great shock to the socialized, larval mind that the first step in neural mutation is via Body consciousness. The wisdom of the fetal stage warns that it is necessary to inhibit sensual-somatic pleasures in order to survive. The last larval element--Card 11 Virtue--solidifies the structural repression against fleshly experience .Genetic templating, imprinting and social conditioning mobilize against somatic rapture--which

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violates the bio-chemical instructions of the first four circuits. Rapture is dangerous, helpless, sinister and sinful.

The first element in the Fifth circuit--The Reversed Man, hanging serenely--prepares us for the break-through revelation. All the virtues of larval life are reversed in extra-terrestrial existence. This is the lesson which the Apollo program did not learn. There is no up-and-down gravity, no left-right. The larval neurologic of earth does not work in space. Caterpillar ethics and strategies do not work for the butterfly.

The resurrected body is the vehicle. The face of the horse merges with the launching tower. The eye of the horse is on the star.

In the topology of the Horse moves away from the floating passivity of the hanging man and moves towards the shining solar star. We master the body, not for passive pleasure, not for yogic raptured detachment. Hippie sensuality and Buddhist one-ness become delightful, free forms of spiritual masturbation. The Horse carries the banner of life to the stars.

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CARD 14 TANTRIC FUSION: The ALCHEMIST MARRIAGE

TAROT TEMPERANCE

~~(Elsewhere known as Temperance)~~

-14

Let ~~This~~ Slot represent the externalized-output of the Fifth Circuit. The Somatic energies tuned-in, linked.

The Slot-12

~~The~~ Hippie-oriental quietism signified by the Floating Man murmurs ~~says~~ that there is no place to go. Relax. Drift. Hang suspended. mindless.

Yogin

The ~~Holy~~ Fool ~~has~~ ~~has been~~ ~~elementary~~, has been well described by Carlos Castenda and quoted with approval by Ram Dass. "He knows that his life will be over altogether too soon, he knows that he as well as everybody else is not going anywhere. He knows because he sees nothing is more important than anything else. This is the philosophy of Don Juan and Charles Manson. The rudderless yogin who has severed his neural ties to larval robothood but has not oriented to the direction of genetic evolution.

~~Terrogenetics~~ Interstellar Neurogenetics provides a philosophy very different from the controlled folly of Casteneda, the no-difference smiling cynicisim of Manson, the "all-is-one" serenity of Ram Dass, the pick your game elegance of Sufism. All these positions are passive Floating Man responses; failures to make the Fifth Circuit linkage which is represented by Card 14.

controlled stupidity

slot-14

The externalized expression of rapture is personalized in the ~~Alchemist~~ Alchemist-Marriage, the Tantric union, the Rapture-linkage.

The Tarot card Temperance portrays the essential characteristics of this element. An extra-terrestrial being, "A winged angel with the sign of the sun ~~on~~ on Hir forehead and on Hir breast the square and triangle of the septenary." ~~(The square represents the four larval circuits of the nervous system; the triangle the three extra-terrestrial circuits)~~ "The figure is neither male nor female." However SHe holds two chalices and is pouring the energy from one to the other. The alchemical-pharmocological implication is clear.

~~The classic nomenclature here ~~Experience~~ continues to be perversely wrong. Just as the Floating Man is not "Hanged", and just as the~~

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SLOT 14: TANTRIC FUSION

THE POLYMORPHOUS MARRIAGE

THE FIFTH MATE



"The Fifth Cifcuit fusion is the linkage of two Five Brain persons in the Tantric union, the rapture connection, The hook-up of two Resurrected Bodies is the first conscious connection between two human beings. Larval interactions among human beings are nothing more than the robotized exchanges beteeen imprinted programs and socially-conditioned reflexes."

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The classic nomenclature is designedly wrong in the case of the "Hanged Man" and "Death". However "Temperance" is an ~~erroneous~~ and accurate vulgarization for this element in the sequence. The raw avalance of ~~rapturous~~ (sensation) body must be tempered, combined, harmonized, linked, ~~xxx~~ expressed.

The Alchemists best personalize this phase. The ~~xxxxx~~ lesson of alchemy is solve et coagule, fission and fusion. The four-brain structure is loosened when the Fifth Circuit is turned on. The Body floats free of terrestrial attachments. The fusion is erotic. The linkage of bodies in the Tantric union. The successful alchemists worked in male-female pairs; fusing the somatic magnetic polarities. ~~Erotic~~ The erotic energies of the body must be transmitted. If the bi-polar field is not set up, the erotic energy operates in the closed-circuit, the masturbatory bliss of ~~the~~ Hippie, Yogin, Sufi, ~~the~~ Saint.

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NEURO-PHYSICAL

15: ~~ELECTRONIC~~ PASSIVITY ; THE SYNAPSE CONSUMER

TAROT: DEVIL ~~(Elsewhere known as The Devil)~~

let This element represents the pre-imprint, passive-receptive phase of the Sixth Circuit. The transition from the Newtonian physiologic ~~tax~~ of the Fifth Circuit to ~~the~~ Einsteinian relativity. A passive experiencing of the electronic level of energy, atomic fission, nuclear fusion, elelctric computers, radio waves, neurological conciousness, reality registered as vibrations, the brain conscious of its own ~~electrical~~ electrical rhythms, time dilation.

~~The~~ Tarot cards designed hundreds of years ago, can give only ~~the~~ vague suggestions about this level of energy and consciousness which the human mind was able to decipher only in ~~the last~~ this century.

The general idea: ~~is~~ the immature, indulgent, self-centered passive use of the basic and powerful energies ~~energy~~ mediated at this level of consciousness. Atomic energies ~~are~~ ~~generated by splitting and accelerating~~ released by the ~~fissioning~~ fissioning devices of physics and chemistry--Crooke's tubes, cloud chambers, nuclear accelerators, neuro-active drugs which fission and accelerate consciousness--not used to link up but to satisfy the demands of the lower circuits.

In many Tarot diagrams the Devil is portrayed as an extra-terrestrial being who has chained ~~a~~ a naked man and woman together. De Laurance has this card signifying "the Dweller on the Threshold without the Mystical Garden when those are driven forth therefrom who have eaten the power-giving fruit."

When an individual or species evolves ~~to~~ to a higher level of energy ~~the first~~ the initial reaction is to use the energy for self gratification and ~~to~~ for intensification of lower circuit programs. Thus ~~the~~ electronic energies are used for war, political control, huckstersism, profit, and to bolster the domestic morality via "G-rated" movies and TV programs.

It was capriciously ingenious of Edward Teller, ~~menacing~~ Father of the Hydrogen bomb, to arrange his facial muscles ~~and~~ to resemble the Tarot Devil.

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SLOT 15: NEURO-PHYSICAL PASSIVITY

The Synapse Consumer

Sixth Childhood



"The transition from the Newtonian physiologic of the Fifth Circuit to the Einsteinian relativity of the Sixth. A passive experiencing of the electronic level of energy, atomic fission, neural fission, ~~xxxxxx~~ neural reception of electronic computers, radio waves, reality registered as vibrations. The electronic-neurological energies used for ~~xxxxx~~ passive reception, narcisstic pleasure, exploration, radio-active rapture."

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This card reminds us that Einsteinian technology and neurological-releasers are now being used to pacify, passivefy, robotize humanity. The genetic function of electronic-nuclear energies is to equip humanity for extra-terrestrial linkage. To send and receive interstellar signals. To design and propel Time-ships. These frequencies are used to strengthen police surveillance, military force, larval economic systems, and fetal moralities during an immature, transitional stage in evolution.

The use of Electronic energies to intensify Fifth circuit raptures--rock-and-roll eroticism, pornographic films and video tapes, electric brain stimulation of pleasure centers are as masturbatory as F.B.I. wire tapping and video-directed "smart" bombs.

At the present time a debate of profound significance is being conducted between two groups of scientists who are attempting to contact Higher Intelligence. One group, with Carl Sagan and Francis Drake (both from the Cornel Center for Interplanetary Studies) as spokesmen, wishes to construct a five billion dollar radio-wave reception device called Cyclops. The aim is to search the skies for signals from Higher Intelligence. Passive reception.

The other group, with Ted Taylor and Freeman Dyson as spokesmen, hope to send a starship propelled by nuclear fusion on a galactic exploration. Terra II is the Neurogenetic model for sending a migratory ship from earth to contact and join galactic civilization.

Project Cyclops is a brilliant reflection of Electronic Passivity, as symbolized by Card 15. The staff members of this five billion dollar receiver would live in a government-suburbs maintaining a conventional larval life style--while hoping to be contacted by Higher Intelligence.

Project Orion (the Taylor-Dyson trip) is a manifestation of Neurological Linkage, Nuclear Fusion as symbolized by Card 17.

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Slot-15 Neurophysical Passivity; Electronic Consumerism; The Use of
Neurophysical Energies to Self-Actualize
(or is this Card 17?)

Youths' wild programs keep airwaves vibrating

Soviets fail to silence 'radio hooligans'

By Paul Wohl
Written for
The Christian Science Monitor

The Soviet authorities just don't seem to be able to stamp out what they call "radio hooligans," or unauthorized amateur radio operators.

The authorities have tried for several years but there are more "pirates of the air" than ever. Controls and fines have been stepped up and there has been an attempt to encourage young people to register as radio hams.

But a large part of Soviet youth is anti-establishment and young radio tinkerers want to go their own ways.

In one large industrial center the hooligans were on the air up to five hours a day. There were more than 115 different unauthorized programs.

Third time means camp

When a radio hooligan is caught the first time, his transmitter and equipment are confiscated and he is fined; the second time the fine is increased; the third time it's the corrective labor camp.

A survey of Soviet youth journals, conducted by the New York-based Russian language daily, Novoye Russkoye Slovo, shows that the authorities are increasingly bothered by radio hooligans and, what is worse, that some listeners like their wild programs.

Komsomolskoye Znamya (The Komsomol Banner) of the Ukraine recently carried an article entitled: "Avant-garde melodies in the ether or how the radio hooligans start." Two tenth-graders in a Kiev school tinkered with a three-watt radio transmitter and "broke into the ether." When caught, the young radio amateurs complained: "Our school has no radio club. What is there to do?" Radio clubs usually are set up by the Komsomol in liaison with the armed forces as part of premilitary training.

The Ukrainian youth journal added that last year in one district alone seven radio hooligans were discovered. In another district, inspectors and police agents caught 17 "free radio transmitters."

Radio hooligans operate under such colorful names as "Demon," "Dynamite," "Dragon," "Ninochka," "King of the Ether," or "Pharao."

If all schools had radio clubs with compulsory membership, of course the air waves "no longer would resound with the melodies and trite songs of self-styled jaguars, lodgers, cardinals, and other weeds with their hackneyed anecdotes," complained the Ukrainian Komsomol Banner.

Similar articles appeared several years ago, but the number of unlicensed radio transmitters has increased many times.

Another Soviet youth journal, Komsomol of Tadzhikistan, recently sounded a warning about the "King of the Ether" who announced his program, which apparently included "decadent foreign melodies," and then gave a two-hour guitar concert.

According to the journal the "King of the Ether" was caught. He was a youthful cement worker, R. Ilyasov. Another hooligan was seized at the big new Nurek power station. He was a young electrician who broadcast ribald songs. The culprits were "severely fined."

One of the hooligans discovered in Tadzhikistan was a teen-age girl who introduced herself on the air as "Prankster." Most of these young people, wrote the journal, are "youngsters who do not know what to do with their time and how to find an outlet for their energy."

All the radio hooligans in Tadzhikistan seem to have been Russians and not Tadzhiks. Whether Tadzhiks, who also are trained in modern technology and can afford to buy radio gadgets as well as the Russians, are more law abiding or whether the Russian-language youth journals do not want to intimate that there is discontent among them, is a moot question.

One hooligan write a letter to a youth journal and signed himself "A Soviet patriot." How can well-intentioned Soviet radio amateurs display an activity except in "free and unregistered radio transmitters"? he asked, adding "the number of hooligan radio programs grows and grows in our country because there is no way out, life is gray and gloomy."

Even the Communist youth journals do not seem to believe anymore in the stodgy stereotypes of Marxism-Leninism.

There is evidence that the people do not protest against free radio programs and gladly pick up caustic political anecdotes about Soviet leaders and the officialdom. Forbidden foreign music and songs make the rounds. A recent visitor even heard in a town near Leningrad a "free (hooligan) radio program" broadcasting bits of a tape from songs of blacklisted Soviet folk singer and poet, Alexander Galich, the Soviet Union's Bob Dylan.

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Slot 15 Neurophhsical Passivity; Electronic onsumerism; The Use of

Neurophysical Energies for Self-indulgence



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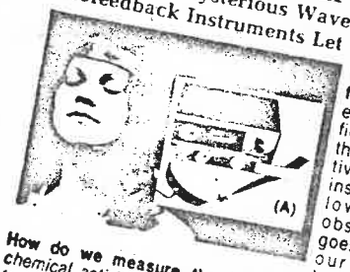
Slot 15 Neurophysical Passivity; Electronic Consumerism; The use of "europhysical Energies for Self-indulgence

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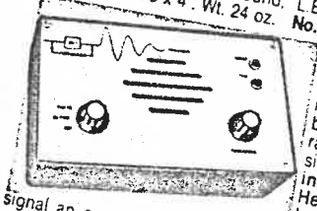
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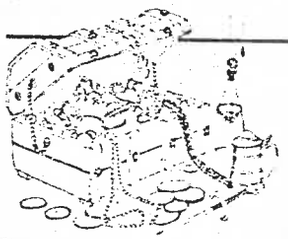


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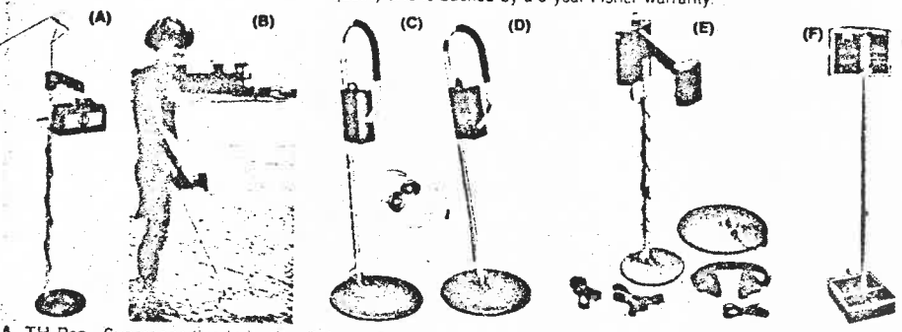
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Fisher Research Laboratory started in the 1930's, when Dr. Gerhard Fisher invented the electronic metal detector and radio direction finder. This started a tradition of excellence that has kept Fisher the "Cadillac" of transmitter-receiver detectors for over 40 years. Each unit is of the highest quality and is backed by a 5-year Fisher warranty.



A. TH Pro—Supersensitive Induction Balance System
This new model is designed for fatigue-free, sensitive operation. The superb balance and comfortable stainless arm rest let you search level ground, walls, ceilings, even water without tiring. Maximum penetration and fast electronic response are provided with the unique Fisher Isocon waterproof search heads (6"). An electrostatic shield reduces ground effects through widely varying water and soil conditions. Features: headphones, built-in loudspeaker, signal intensity meter, walnut grip, adjustable stem, volume control, balance knob and battery check. Range: 6 in. to 4 ft.
No. 80,204 $189.50 Ppd.

D. Orion 121 The same great features of the 120, plus a built-in speaker with independent volume control and a higher sensitivity range **No. 80,152 $134.50 Ppd.**

E. Explorer II . . . The Best . . . 2 Search Heads
Not one, but two . . . two in one! This treasure hunter can be used as a single unit with the electronics attached to the handle, or as a double unit by detaching and carrying the electronics pack safely and comfortably with a strap over the neck and back. This allows the search coil to be submerged deep in fresh or salt water, or raised higher against walls and ceilings. So sensitive, it detects small objects at depths of 4-8 in. and can still find a treasure chest to 4 ft. This anodized gold beauty features a sound walnut handle, telescoping rod, both

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"I think of it as a tax break."



"What a break it is to have a Bowmar Brain. For a mere $99.95 I gdt absolutely accuracy for a change. I also get a floating decimal, automatic constant and a year's guarantee. And my Brain never loses zeros.

So naturally I use my Brain all the time now.

Slot-15 Neuro-physical Passivity; post-Einsteinian energies used for larval purposes. The exploitation of higher evolutionary circuits for lower circuit goals is personalized by the Tarot card "The Devil".

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THE CONSCIOUS BRAIN

CARD 16 XZSZIXXZXXLXXXEXZXX NEURO-PHYSICAL XXXXXX INTELLIGENCE,

TAROT TOWER.

~~(Elsewhere known as The Tower, The Tower Struck by Lightening~~

(also known as Castle of Plutus, God's XXXXXX House, and The Tower of Babel)

let this element be the nucleus of the Sixth Circuit. The nervous Xxxixz Nervous system imprinting itself. The Brain becoming aware of Moment of electric revelation.
itself and controlling itself./ The robot becomes aware of itself.

xzxzxzxzxzThisxcardzportraysxthex

The Blowing of the Mind. The Brain films the lower circuit-cameras filming their imprinted scenarios.
The card portrays a stylized inhabited tower with a Crown blown off the top. xzixghtexzngz The crown suggest that the tower is the head, the structure of the mind. A lightening bolt has hit the top of the head setting the edifice on fire. Two human figures with astonished looks on their faces are falling or floating. "It is assuredly a card of confusion" says de Laurence.

"Occult explanations attached to this card are meager and mostly disconcerting....it signifies the materialization of the spiritual word." The larval mental structure/being xxx fissioned by LSD. It is the 20th century. It was part of the lurid, superstitions folklore of larval people that LSD encouraged people to leap out of buildings. St. Elmo's fire, naked confrontations with God Etc. ~~The structure is being~~ fissioned by a bolt of radiation.

let the tower be

let the tower be the transuranium mind of Niels Bohr being

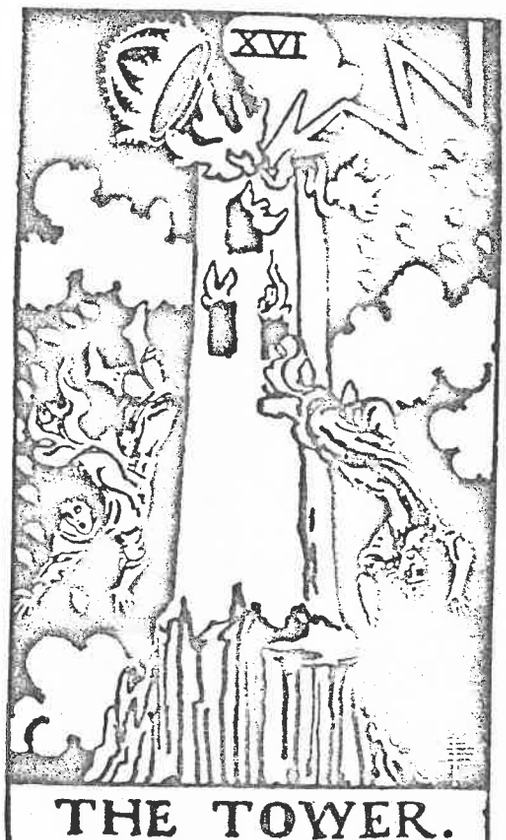
"In 1938 Otto Hahn and Fritz Strassman...were bombarding the element uranium with slow neutrons obtained from a radium-beryllium mixture. ....Hahn and Strassman got results never before observed. When they anlyzed their uranium target after the bombardment, they found a trace of an element which their exhaustive tests showed to be barium--an element which weighs only about half as much as uranium. There had been no barium in the uranium sample before their tests began. If they could believe their findings, they had in effect cleft the heavy uranium nucleus down through the middle. According to the accepted theories of nuclear physics up to that time, this was about as unimaginable as splitting a brick with a

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SLOT 16: NEURO-PHYSICAL Intelligence

The Conscious Brain

The Sixth Brain



"The nervous system imprinting itself, becoming conscious of itself. The fission of the larval mind. Moment of electronic revelation. ~~The~~ ~~re~~ Nuclear energy freeing humanity from terrestrial gravity and hurling humanity into interstellar flight

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peashooter.

"When he heard (the) story, Bohr (at the time leading theoreticism on atomic structure) is reported to have slapped his forehead (Crown) and exclaimed: 'How could we have overlooked that so long?' He departed to America with the sensational news...Even before Bohr had crossed the Atlantic, Frisch, then working with Bohr in Copenhagen, had confirmed the essence of the new theory. Like Hahn and Strassman, he bombarded uranium with neutrons. As each neutron smashed into a uranium atom, he observed a great burst of energy, powerful enough to send the measuring devices off their scale."

Pretend that this was
~~Here was~~ the culminating success of alchemy. The transmutation of elements with enormous release in energy. The bombarding neutron flings two common elements out of the structure.

The Einsteinian formulae have revolutionized physics by demonstrating the relativity of time, energy, and matter. A similar relativistic revolution has occurred in psycho-neurology with the discovery that the structures (mass) of the mind can be fissioned, that consciousness can be accelerated, that reality, now defined as bio-chemical circuits and nets of neurons, is capable of infinite change.

this element is the

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NEURO-PHYSICAL LINKAGE;
CARD 17 //NUCLEAR FUSION; STAR FLIGHT

TAROT: ~~(Elsewhere known as The Star)~~ STAR

Act This slot represents the externalized-output of the Sixth Circuit. Neurological and atomic energies tuned-in, linked. This card is the active side of the passive, consumerism reception of Einsteinian energies which was discussed in card 15.

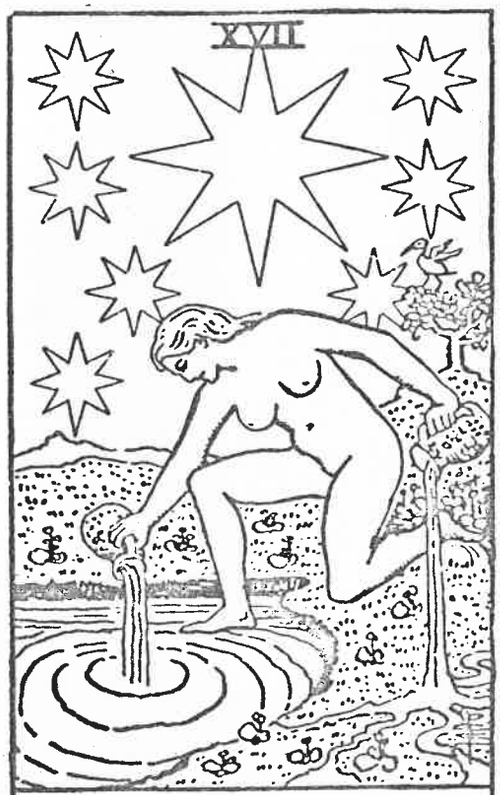
Interstellar Neurogenetics recognizes the passive electronic cyborg phase (slot-15) as necessary. But it is equally necessary to hook up the accelerated and intensified energy. Act as we speak here of the neurological telepathic marriage...the fusion of two or more persons who have reached stellar consciousness, who radiate, who receive and transmit at relativistic frequencies. By electronic communication we do not mean the larval use of television signals or radio waves to engage the lower circuits. We mean interstellar communication between two nervous systems. The natural and inevitable application of Einsteinian technology is for interstellar flight.

The major scientific-political issues of the 1960's involved Fifth circuit energies--control of the Body for individual pleasure or by the state. Freedom to use neuro-somatic drugs, sexual freedom, refusual to have one's body used as military instrument (draft resistance) or as economic tool (drop out philosophy).

The major scientific-political issues of the 1970's involve Sixth circuit energies--electronic surveillance, space flight, satellite snooping, nuclear energy disputes both economic and military. These Sixth circuit issues are not just political they are also "spiritual" involving the directional myths of society.

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SLOT 17: NEUROPHYSICAL FUSION
INTERSTELLAR LINKAGE
the Sixth Mate



"Interstellar communication between two (or more) nervous systems capable of Einsteinian (high-speed, relativistic) interaction, freed from larval imprints. the use of star-fuel (hydrogen-fusion) for interstellar travel."

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The neuro-physical meaning of the Sixth trio of Tarot cards (Slot-15, Slot-16, and Slot-17) is beautifully described by two scientists from the American government's Lawrence Livermore Laboratory:

"Very high performance, high specific thrust rocket propulsion systems based on the use of fusion microexplosions may someday carry men across the Solr system in days, rather than the years which chemical or nuclear-fission-heated propulsion systems would require. Expelling reaction mass at several percent of the speed of light itself with the same energies that make the stars shine, such rockets may carry men in explorations of our cosmic neighborhood by the end of the century, and will represent the ultimate in such vehicles at our present stage of scientific and technological development.

"The chemical fire, first exploited by cave men, is now energizing the initial exploration of theSolar system, a feat that will cause the memory of our culture's scientific and technological magnificence and the glory of its intellectual curiosity to shine brilliantly for centuries. The fusion fire--which men have contemplated in awe since they first raised their eyes to the stars, but first brought to earth in our age--will clearly propel man beyond his Solar nursery, and forever foster and energize his terrestrial endeavors. We may speak today of fusion fire as Aesschylus, the ancient Athenian poet said of Prometheus' gift to mortals of the chemical fire: it will prove the means to inconceivably mighty ends."

L. Wood and J. Nuckolls, speaking on "Prospects for Unconventional Approaches to Controlled Thermonuclear Fusion." Philadelphia, 29 December 1971

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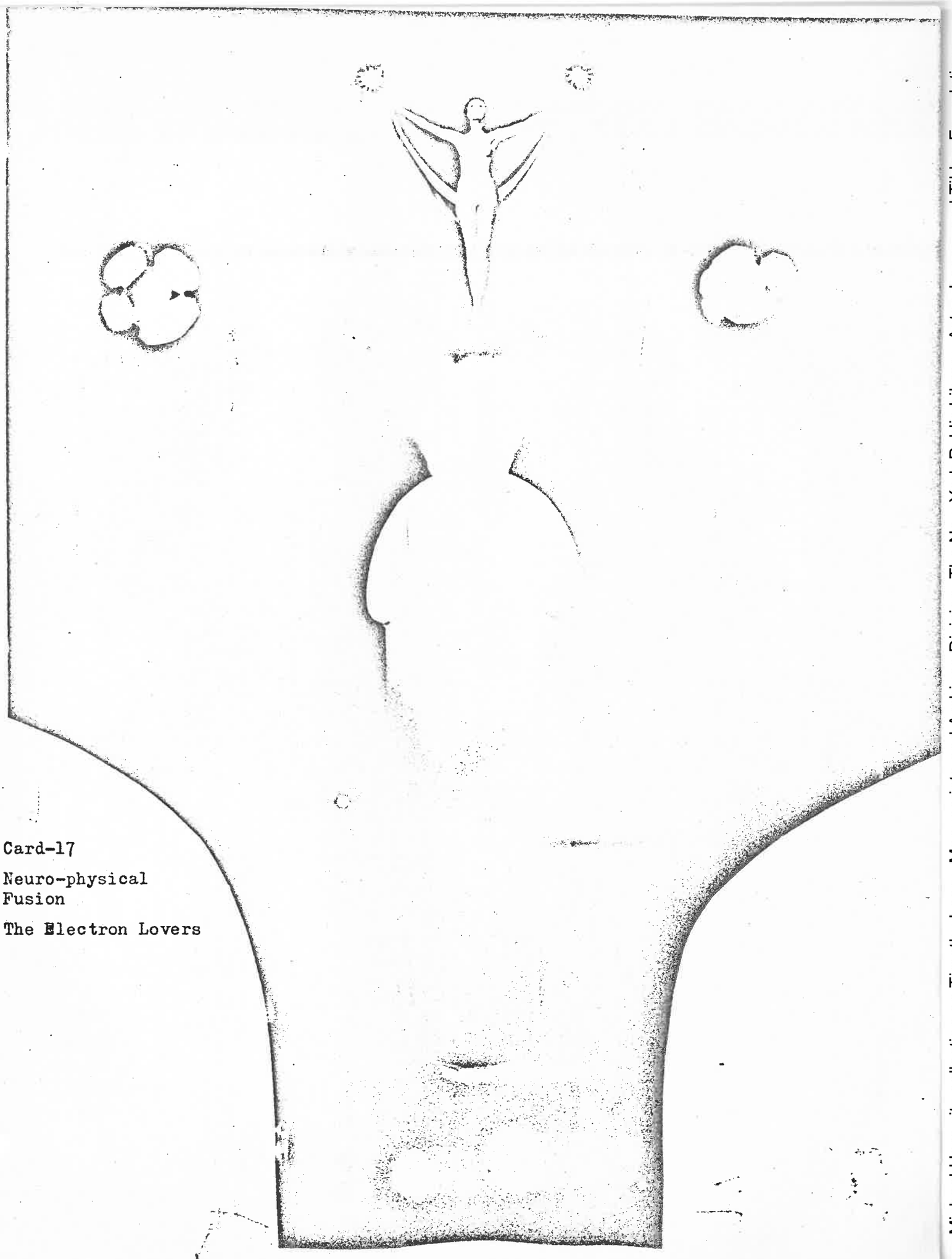
The classic Tarot card "The Star" is a great, radiant star of eight rays surrounded by seven distant stars. Thus the image is not "star" singular, but cluster of stars. "The female figure in the foreground is entirely naked." She is actively involved in two-way linkage. "Her left knee is on the land and her right foot is upon the water. She pours Waters of Life from two great ewers, irrigating sea and land."

The interstellar theme is recognized by de Laurance. "That which the figure communicates to the living scene is the substance of the heavens and the elements."

The figure portrays the sequential evolution of humanity...from the water, to the land...head in the stars.

Star light is nuclear fusion energy.

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Card-17

Neuro-physical
Fusion

The Electron Lovers

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NEUROLOGICAL FUSION: THE SIXTH MATE

"He would have preferred less of a mess himself, but it wasn't up to Him. At least it had Her in it. He had sought Her as best He could, had not found Her, and turned to work for solace; it had not given much, but it was the work He was fit to do, and He was a patient man. But now His dry and silent grieving for His lost wife must end, for there She stood, the fierce, recalcitrant, and fragile stranger, forever to be won again."

from "The Lathe of Heaven" by Ursula K. Le Guin

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NEURO-

CARD 18 GENETIC PASSIVITY

TAROT: ~~(Elsewhere known as The Moon)~~ MOON

Act This element represents the passive-receptive phase of the Seventh Circuit. The transition from the Einsteinian neuro-physics of the Sixth Circuit to Genetic relativity. DNA consciousness. A passive application of Neurogenetics to planetary life--longevity, rejuvenation, cloning, inter-species genetic experimentation, genetic control of mutations, The nervous system using the language of DNA to serve lower circuits. Genetic consumerism. Breeding machinery.

The general idea is the immature, indulgent, self-centered passive use of the basic and powerful genetic energies. genetic masturbation. Gerontology. Socially and practically this card refers to planetary colonization.

Within the next ~~decade~~ ten years humanity will have mastered nuclear fusion for star-flight and decoded DNA to provide the possibility of longevity. Within a decade humanity will confront a new problem, a new basic philosophic choice. To become planetary settlers or star-travellers, space-squatters or time-travellers.*This issue is not new. During much of its existence homo sapiens has followed a migratory path. In fact the evolution of humanity seen from an extra-terrestrial point of view would show a steady flow of migration from areas of population density to uninhabited areas--a ~~steady~~ relentless searching process which ended only in the twentieth century when the last frontiers were crossed. The theme of movement is basic to human seed, and the current spiritual malaise is primarily caused by over-population and the temporary lack of new frontiers. no place to go. ~~Humanity is a~~

* The choice between static colonization and galactic gypsy life has been brilliantly discussed by Alexei Panshin in the book ~~Rites~~ Rite of Passage, Ace Books, N.Y. 1968.

The great epics are all trip-reports, chrono-logs: Odysseus, Aeneid, Lucian, Gargantua, Dante, Don Quixote, Candide, Huck Finn

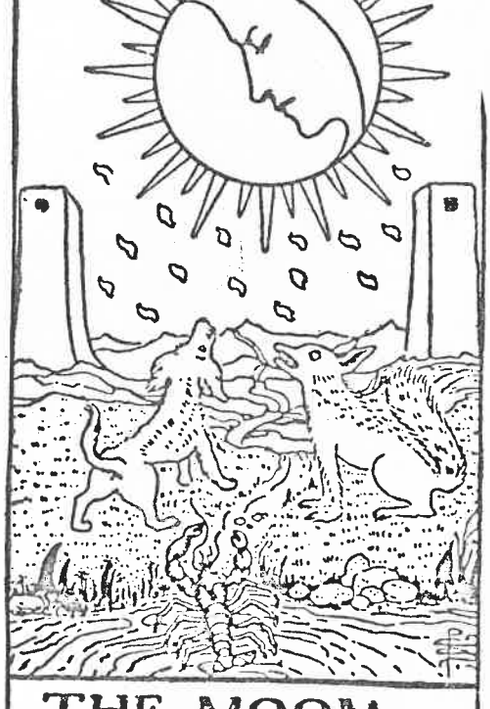
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Periodic Table of Energy 1974-1975

2.2

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SLOT 18: NEUROGENETIC PASSIVITY
~~the~~ Planetary Consumerism
SEVENTH CHICKITOO



"Genetic relativity, D.N.A. Consciousness, ~~interspecies symbiosis at the conscious level.~~ The use of genetic knowledge for consumer indulgence – longevity, cloning, self-indulgent control of mutations. The exploitive use of planets not as breeding grounds or interstellar resting spots but as "permanent" end points"

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Humanity has always been divided between the stayers and the wanderers. These ~~ancient~~ basic --sessile and mobile-- orientations probably exist in other species as well and have contributed to the pre-designed spreading of genus around the globe. This polar choice will continue to divide the new mutant forms of extra-terrestrial humans. ~~There will be~~ Some will colonize other planets. There will be those who continue to move. Those who choose to find and settle down on a new planet are represented by ~~Card~~ Slot-18. Those who continue to move, to become interstellar entities are represented by ~~Card~~ Slot-20.

Carl Sagan and Francis Drake

On April 1, 1974 two Cornell University astronomers came to a California State prison to debate this issue with a convict. Sagan and Drake were engaged in obtaining five billion dollars for project Cyclops, a Slot-15 Electronic Passivity device for receiving radio-signals from extra-terrestrial sources. They were a bit concerned that nuclear fusion Starflight projects like Orion or Terra II might distract attention and funding from their giant eye. Professor Drake leaned forward and asked, "Why do you want to go to another planet? Why not make things better here on earth?" This charming and highly intelligent consciousness wondered why we were leaving Slot-15 a 16 kilometre-diameter radio reception array in the desert for Slot 18--another planet.

"First of all, because of the electronic racket caused by the air-conditioners and television sets of the suburban village you're going to build for the families of the domesticated scientists will block the signals you hope to receive."

Drake nodded sadly. "Yes. Inteference is a problem."

"Why don't you put your Cyclops eye on the dark side of the moon, protected from solar and terrestrial noise?"

Drake nodded happily. "Yes, that would be a great improvement. But the expense..."

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"The shadow of the moon ~~xxxx~~ flares out a ~~shadow~~ cone so clear that you wouldn't need such a big radio-eye. Instead of a thousand cups you might need only one.~~X~~ But anyway, that's just the minor point. Actually We don't want to ~~xxtzwpxaxzwxwxwerzxtaxzzw~~ improve our consumer stations here on earth, nor do we want to set up receptive ~~apparatuses~~ devices on the moon or another planet. ~~Wexwz~~ Terra II is a Time ship. We want to ~~traxwzz~~ keep moving from star to star. We don't want to wait for Higher Intelligence to telephone us. We want to keep moving towards the speed of light to reach the heart of the galaxy."

"You'll have to leave your bodies to do that" said Carl Sagan.

"That's the aim of the game" SHe said, thinking of Slot-20.

Tarot Card 18, The Moon, portrays an extra-terrestrial, perhaps lunar landscape. Again the billion year old DNA ~~code~~ sequence is repeated in a Tarot card. Water, below. An amphibian creature crawling ~~xx~~ up to the lunar-land, on which two mammalian forms crouch, looking up at a radiant heavenly body. The two familiar space-ship-launching-towers bracket the star-above.

"The path between the towers is the issue into the unknown", says de Laurance. Actually the path leads towards the Star.

"It illuminates our animal nature, types of which are represented below--the dog and the wolf and that which comes up out of the deeps, the nameless ~~and hideous~~ archaic evolutionary tendency which ~~is~~ began lower than the savage beast. It strives to attain manifestation, symbolized by crawling from the abyss of water to the land, but as a rule it sinks back whence it came."

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Slot-18 Genetic Consumerism; Planetary Colonization; The Self-indulgent Use of Genetic Intelligence

ENTOMOLOGY

A study of the properties and vital phenomena of the insect world . . . a branch of biology comprised of 700,000 different varieties . . . a fascinating and rewarding hobby for persons of all ages. Edmund has an introductory kit and accessories for hobbyists, students, and collectors.



Butterfly and Insect Nets

For butterfly and insect collecting enthusiasts: These beautiful units are each constructed of heavy duty, quality nylon netting.

Heavy Duty Butterfly Net: For those in the intermediary stages, this net has a 30" handle and deep, extra strong nylon netting. Wt. .9-lb. On colorful 11 x 22" informative card in poly bag. **No. 71,519 $2.50 Ppd.**

Insect Collecting BARGAIN Kit!



A basic butterfly and insect collecting and mounting kit for the budding naturalist. A real good value, this new kit contains all of the parts needed to start a beautiful butterfly or invertibrate collection. Exciting, educational family fun! You get 3 x 5" spreading board; 2-oz. bottle dispatching fluid; eye dropper; relaxing fluid; butterfly net with wooden handle; 2 butterfly specimens; 10 #3 insect mounting pins; 20-pp. illus. booklet.
No. 71,518 $4.95 Ppd.

Accessories For Good Collecting

Spreading Board	5 x 12"	No. 71,523	$2.25 Ppd.
Insect Mounting Pins	Size 1	No. 30,652	$1.00 Ppd.
Insect Mounting Pins	Size 2	No. 30,653	$1.00 Ppd.
Specimen Forceps Set	(3)	No. 41,607	$1.00 Ppd.
Dispatching Fluid	2-oz.	No. 41,604	$1.25 Ppd.
Relaxing Fluid	2-oz.	No. 41,603	$1.25 Ppd.
Riker Display Mount	8 x 12"	No. 71,521	$3.75 Ppd.
Riker Display Mount	12 x 16"	No. 71,527	$4.95 Ppd.

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CARD 19 NEURO-GENETIC ~~ZZZZZZ~~ INTELLIGENCE

TAROT: ~~(Elsewhere known as The Sun)~~ SOL

Let Slot-19 be the nucleus of the Seventh Circuit. The human nervous system imprinting DNA, becoming a conscious instrument of genetic plan. Moment of genetic revelation. The robot becomes aware of it's designer's plan.

"The naked child mounted on a white horse...destiny of fhe great and holy light that goes before the endless procession of humanity, coming out from the walled garden of the sensitive life and passing on the journey home. The card signifies, therefore, the transit from the manifest light of this world, represented by the glorious sun of earth, to the light of the world to come, which g..is typified by the heart of a child."

~~The precision of~~ the Tarot sequence, is precisely symmetrical ~~is breathtaking.~~

At the bottom of the card is the stallion-mare of the Neuro-somatic nucleus, card 13. The child is the liberated brain riding the Body. Her legs A spiral chain-coil circles around the Horse and Child up to the Star. DNA linking the terrestrial equipment, Body and Brain, with the interstellar consciousness.

It is estimated that there are 50 billion star systems in our local galaxy which contain life. Of these about half are further advanced in evolution than life on this planet. After migrating from earth, humans will contact networks and confederations of life forms ~~which will~~ and enter into neurogenetic, symbiotic communication with ~~more~~ our more advanced relatives. The human nervous system will be imprinted with genetic "symbols" just as it now imprints and communicates in terms of tarot symbols - and then become a functioning part of the interstellar life unity - the galactic brain

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SLOT 19 NEUROGENETIC INTELLIGENCE
The D.N.A. MIND
The Seventh Brain



"Life exists on BILLIONS of planets within the local galaxy. This genetic network is unified and coordinated. The evolutionary direction is pre-programmed by Higher Intelligence and is coded in DNA script. When human beings have migrated from the womb-planet and the human nervous system will evolve, and imprint DNA and become part of the galactic DNA intelligence."

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"The task of the modern age," as Swami Quentin F. Chowdhury has said, "is to overcome the disharmony of man and nature, ~~which stems from improper diet.~~ ~~Of course~~, this disharmony could be eliminated if we were to take into account the Essences and Personalities of our salad ingredients. How to do so, given that at the moment we have no verbal communication with the Plant Kingdom?

The answer is obvious: Astrology.

Ah, but it's not as simple as you might think. You can't just glibly cast your avocado's chart the way you do your own. Thanks to Swami Chowdhury, the famed "Sleepwalking Guru," we have learned that plants have their own ideas about the Zodiac.

And it's about time. It is a shocking commentary on our species how completely we have swept under the rug any awareness of our utter dependency on plants — our exploitation of them, to be frank — that *not one* astrologer has ever stepped forward to comment on the glaring omission of Vegetable Kingdom members from our conventional Zodiac.

Oh sure, there are fishes, arthropods and mammals galore. And suspiciously, several signs (Gemini, Virgo, Aquarius and, to a degree, Sagittarius) are portrayed — you guessed it — as humans. It's time we acknowledged that a crippling Animal Kingdom chauvinism infects our Zodiac to its roots. Can it truly be believed that any papaya ever thought it was born "under" the sign of a Bull, a Lion or a Seagoat?

The TWELVE SIGNS OF THE BOTANICAL ZODIAC

Medicago, the Alfalfa — March-April, when the Alfalfa's first tender nutritious sprouts appear in selected localities: the sign of *Sustenance.*

Sequoia, the Giant Redwood — April-May: April is "the cruelest month," and May is heavy, too, so no surprise that this is the sign of *Power.*

Antirrhinum, the Snapdragon — May-June, when the flowers bloom: the sign of *Beauty of Soul.*

Daucus, the Carrot — June-July; as the Sun approaches the Zenith (Northern Hemisphere only), in the secret earth ripens the Carrot, sign of *Wisdom.*

Urtica, the Stinging Nettle — July-August, season of the rollicking Midsummer Nettle Dance; the sign of *Ambition.*

Juglans, the Walnut — August-Sept.: Summer is inevitably ending now, and the sign is *Courage.*

Taraxacum, the Dandelion — Sept.-Oct., prime time for Dandelion fluff: the sign of *Generosity.*

Raphanus, the Radish — Oct.-Nov.: The weather turns cold, life withdraws to the Inner Hearth, and the sign is *Sociability.*

Nepeta, the Catnip — Nov.-Dec., when both mono- and dicotyledons go off to get twisted on meditation: the sign of *Spiritual Illumination.*

Citrus, the Lemon-Lime — Dec.-Jan.: Smudgepot season, when all about is frozen and drear, the faith is kept by Citrus, sign of *Blessing* and *Unselfish Love.*

Aquarium, the Lawn Sprinkler — Jan.-Feb. is a desperate time, when only the most highly evolved member of the Plant Family, Aquarium, is in full possession of its faculties: the sign of *Order.*

Lunipenicillium, the Bacteria from Outer Space — Feb.-March: Winter is ending, the Earth prepares for a new beginning and the sign is of *Origin, Life/Death,* and *Ordeal of Transformation.*

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CLASSIFICATION of The SIGNS

Triplicities:

Leaf signs: Medicago, Urtica, Nepeta. Sustaining, stinging, intoxicating, they represent Dark Necessity. They are associated with the element Earth (v. note under Root signs) and the operative phrase associated with them is: grows *from.*

Tree or Trunk signs: Sequoia, Juglans, Citrus. Supplying food, drink and shade, they represent the Paternal modality, Physical Help. They are associated with the element Air. The operative phrase: grows *into.*

Seed or Dispersal signs: Antirrhinum, Taraxacum, Aquarium. Signs of transience, beauty and summer's ripeness, they represent Bright Release. The signs of the element Sunshine, they have the operative phrase: grows *like.*

Root signs: Daucus, Raphanus, Lunipenicillium. Source of vitamins, salads and philosophy, they represent the Maternal, or Spiritual Help. Their element is water. The operative phrase is: grows *for.*

Note: These classifications bear close study. The signs are part of the dynamic spectrum of plant growth, so the associations are not the ones we would immediately think of. We associate Earth with roots, but any dumb plant knows roots form immediately on germination, which can begin in water alone.

Quadruplicities:

Cardinal signs: The Alfalfa, the Carrot, the Dandelion and the Lemon-Lime. These are signs of Riches and Achievement.

Ordinal signs: The Redwood, the Nettle, the Radish and the Lawn Sprinkler. Stand for Aggressiveness and Striving.

Unity signs: The Snapdragon, the Walnut, the Catnip and the Bacteria are signs of Closedness and Potentiality.

In addition to the Quadruplicities and Triplicities, Astrobioticians also know a system of classification into Duplicities, which are harmonious yin-yang opposites, unlike our eternally warring Oppositions.

Duplicities:

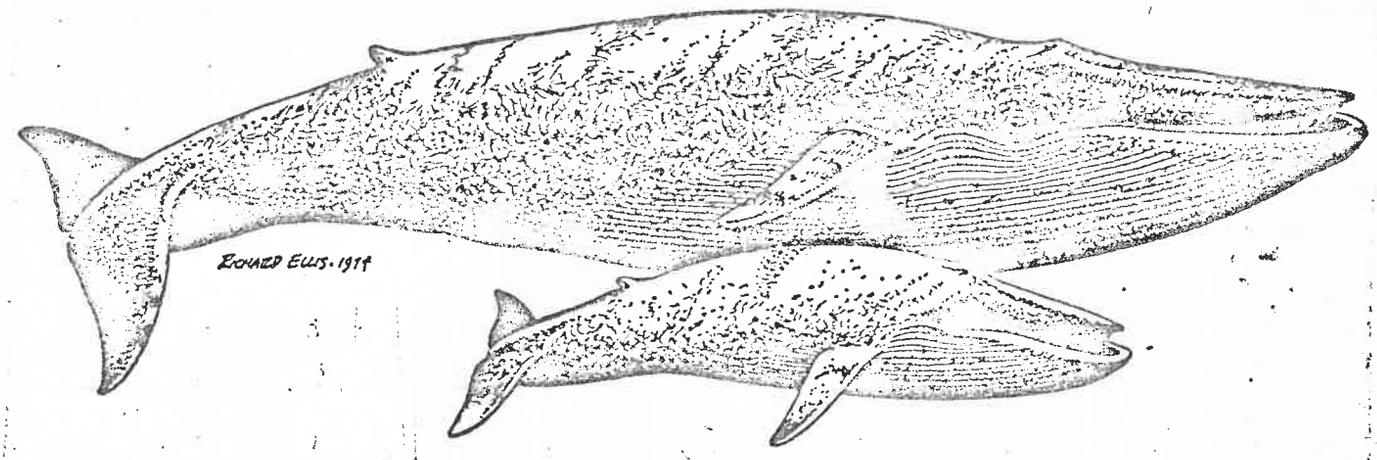
Medicago-Taraxacum: the Life of Metabolic Force
Sequoia-Raphanus: the Life of the World
Antirrhinum-Nepeta: the Life of the Spirit
Daucus-Citrus: the Life of the Heart
Urtica-Aquarium: the Life of Solid Success
Juglans-Lunipenicillium: the Life of Nuclear Energy

Note: The single-word summaries of the character of the signs as presented in the table — Sustenance, Power, etc. — are intended to give only a rough, shorthand key. Actually these summary words are only imperfect translations into human language of the necessarily quite unfamiliar terms of plant discourse. For completeness's sake, and for that reason only, we list here the more literal translations:

Medicago	*flexible*
Sequoia	*fire-resistant*
Antirrhinum	*likes shade*
Daucus	*chewy*
Urtica	*good handshake*
Juglans	*sessile, a stay-at-home*
Taraxacum	*short lived*
Raphanus	*talks a good game*
Nepeta	*cheap date*
Citrus	*afraid of frost*
Aquarium	*dull*
Lunipenicillium	*light sleeper*

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THEY ARE BEING SLAUGHTERED TO EXTINCTION BY JAPANESE AND SOVIET WHALERS

Boycott Japanese and Russian Goods

SUCH AS STEEL, MACHINERY, TOOLS, CARS, ELECTRONICS, CHEMICALS TEXTILES, CAMERAS

BOYCOTT JAPANESE AIR LINES—DON'T FLY OR SHIP

Corporate Irresponsibility

Whaling is a classic case of corporate irresponsibility. Two great corporate states, Japan and the Soviet Union, are unresponsive to international opinion and the warnings of scientists. The whalers are guilty of gross over-exploitation of the greatest creatures the world has known. It is pure commercial greed that drives the whalers. There is no real need for whale products in the world economy. The more than 30,000 whales killed by the Japanese and Russians last year ended up as pet food, transmission oil, fertilizer, cosmetics, even delicacies on the Japanese table. The Japanese claim they need whale meat for food. Yet whale meat represents less than 1% of their protein diet. Japan is a wealthy nation that can readily afford alternative food sources. The Soviets, who often decry the evils of capitalist exploitation, are guilty of the worst form of commercial greed. They feed much of their whale kills to minks and sables, which they then sell to the West for cold cash.

The huge Japanese and Soviet whaling fleets are now slaughtering hundreds of defenseless whales daily in the Antarctic. The gentle, intelligent mammals are being decimated by sophisticated military weapons. The whale herds are sought out by airplanes and helicopters, then are tracked relentlessly by sonar and radar. The terror-stricken whales are chased down by high-speed catcher boats. They are blown up in agonizing death by grenade-tipped harpoons. Huge factory ships rapidly process the whales into commercial "products".

WHALING IS SAVAGE AND INHUMAN

Modern whaling is a savage, ruthless exercise, nothing like the romantic days of 19th-century whaling. Here is an eyewitness description of modern whaling by Dr. Harry Lillie, who sailed as a ship's surgeon:

"The present-day hunting harpoon is a horrible 150-pound weapon carrying an explosive head which bursts generally in the whale's intestines, and the sight of one of these creatures pouring blood and gasping along on the surface, towing a 400-ton catching vessel by a heavy harpoon rope, is pitiful. So often an hour or more of torture is inflicted before the agony ends in death. I have experienced a case of five hours and nine harpoons needed to kill one mother Blue Whale.

"If we could imagine a horse having two or three explosive spears driven into it, and then made to drag a heavy butcher's truck while blood poured over the roadway until the animal collapsed an hour or more later, we should have some idea of what a whale goes through."

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CARD 20: NEUROGENETIC FUSION: ~~XXX~~ INTERSTELLAR, INTERSPECIES TELEPATHY: SYMBIOSIS

TAROT CARD: LAST JUDGMENT

Let card 20 represent Neurogenetic Fusion, the linkage of the genetic consciousness of extra-terrestrial humans with other life forms in the galaxy. This is the Seventh Mate. Attainment of the life-unity intelligence which has been forecast ~~in~~ for millenia by oriental philosophers and Christian mystics.

The evolutionary sequence seems clear:

The Fifth circuit is activated when the Brain imprints the Body, thus releasing the Body from terrestrial compulsions. Slot 12. During the receptive phase of Somatic consciousness the Fifth Brain passively explores the new spectrum of body-signals. The output phase of the Neurosomatic circuit involves linking the Body-Brain with the Body-Brain of the Fifth Mate. Tantric connection. ~~The Fifth~~ ce. When this fusion is made the new fused entity is ready to move on to the next level of energy.

The Sixth Circuit is activated when the Brain imprints itself, thus releasing the Brain from Body Consciousness. Slot 15. The rapture is Einsteinian, relativistic changes, electronic speeds and intensities. During the receptive phase of Neural Consciousness the Sixth Brain passively explores the new spectrum of electronic signals. ~~The Brain~~ The output phase of the Neurophysical circuit involves linking ~~the~~ nervous systems. Brain fucking. Creation of neuro-molecules, people linked in all-out, fast-moving interactions. No resistance. Transparency. When this linkage is made, the ~~Fifth~~ migration from the planet begins. What else is there for a group of linked-tele-~~The Seventh Circuit is activated when the Brain~~ paths to do? The Brain discovers that the function of the top four gears of the brain (is for extraterrestrial existence) this fused entity is ready to move on to the next level of energy.

The Seventh Circuit is activated when the Nervous System ~~Brain~~ imprints DNA thus releasing the Brain from its own limitations. The brain becomes a conscious transmitting instrument for the Genetic Code, instead of being an unconcious robotized transmitting instrument for the DNA code. Slot 18. The ~~rapture~~ pleasure is Darwinian interstellar. ~~The entire extent biology years scans of the brain~~ The genetic code is conscious of the entire scan of its four billion year old past (just as the brain stores personal memories) and of the sequences to come. Just as ~~Neurogenetz~~ Neurophysical consciousness links up individual brains in

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SLOT 20: NEUROGENETIC FUSION
INTERSPECIES GALACTIC TELEPATHY
THE SEVENTH MATE



"Neurogenetic fusion links the nervous systems of the evolving humans to the unified galactic genetic network. When this connection has been made Bio-genetic intelligence is prepared to transcend the physiological sheath and to transform into meta-physiological (electro-gravitic) force fields, this slot represents the transition point when biology ~~becomes~~ is transcended & and meta-physiological intelligence attained"

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telepathic fusions and interpersonal molecules of high consciousness, so does Neurogenetic consciousness link up individual species into tele-genetic fusions. This is the evolutionary perspective, the unity connection of all life forms, not just terrestrial, but inter-planetary. It is important to recall that Terra II is a migratory gene ship. When Terra II leaves parking orbit and the initial propulsion thrust drops off in acceleration, mediated by the Fifth Circuit, and the nervous systems of the migrants will be linked together and linked as well with the electronic and computer systems. The genetic intelligence of all like forms will also be hooked up. The TT's will no longer be human beings--they are mutants, members of the interstellar life network, (Slot 20)

Interspecies communication is the key to future survival. The Neurogenetic circuit of the nervous system is the instrument designed to mediate inter-species communication. Slot 18 is the passive phase of neurogenetic consciousness. The new mutants will be entranced and "turned on" by the infinite scope of interspecies intelligence and beauty. A stage of genetic consumerism will occur. The genetic wisdom will be exploited for self-indulgent purposes. We have called this the phase of Planetary colonization. The emphasis will be on reception and manipulation of bio-genetic energies. Cloning. is only narcisstic, adolescent aspect. Longevity and rejuventation. Serial reincarnation--not neurological--but bio-genetic. You can be anybody this time around.

Now we reach Slot 20, Neurogenetic fusion. Symbiosis. The emphasis is on neurogenetic output. Interspecies conspiracies. It is a shocking fact that the present human species is at the middle of the intelligence spectrum. There are probably as many interstellar species of DNA-designed life at higher levels of intelligence higher than humanity, as there are "lower". The terms "higher" and "lower" are, of course, innacurate metaphors. There is no higher-lower after we leave gravity. The entire multi-billionyear DNA spectrum is a timeless network.

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It is ~~xizmiaxzmzo~~ simultaneous in that the entire evolutionary drama ~~ix~~ exists, alive and conscious, in the DNA code which ~~ix~~ resides within the nucleus of every cell of every living organism in the galaxy. We can speak of "past, present and future", of 1. the manifested, 2. the manifest, and 3. the not yet manifested--but again, we must clear of the metaphorical error involved. The DNA code continually transfers itself from one body to another. The "now" as opposed to the past and future is a physiological ~~phase~~ present. The "now" of the DNA code is the spectrum of all the bodies emerging over the multi-billion-year span, ~~is the "now" to the DNA code.~~

Neuogenetic linkage involves our hooking up with life forms that are younger and older than us, ~~ixxtxix~~ Every species plays a part in the linkage. The most complex and bulky life form depends upon unicellular microbes to keep it functioning. Indeed, a case can be made that ~~xxixii~~ unicellular forms are ~~the~~ not only the most pervasive, but also the most successful, in that large-bodied creatures can be defined as clumpsy vehicles for housing and transporting unicellular forms. The teen age girl in Saigon can be defined as a mechanism for transporting the syphilis germ to Fort Ord California.

A tremendous shock of "conscious-humiliation" of ~~our~~ human illusions of ~~superiority~~ is involved in making the neurogenetic linkage. Just as the emotional Ego must be transcended in order to master Circuit 3 "thinking", and just as the social Ego must be transcended to attain Circuit 5 somatic rapture, so must the genetic Ego, the chauvinism of being human, be transcended.

The Neurogenetic Brain, Slot-19, is the interspecies intelligence, the synthesis of the various species consciousness.

It is the ~~xxxxxxxxxxxxxx~~ Genetic Brain, the Interstellar Life Consciousness that links with the Meta-physiological Consciousness.

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Slot 20 defines the fusion of Biolggical Life with the Meta-Life Intelligence. We face here the logical possibility that the multi-billion-year life cycle is, itself, but a momentary phase in the galactic energy process. The Higher (older) DNA intelligences have unquestionably learned how do master magnetic force fields, genetic engineering. They have understood how the life process is created and by what intelligence, and for what purpose. Neurogenetic linkage with these more advanced Life Forms will take us to the frontier where life merges with, evolves into, meta-life forms.

This phase is beautifully dramatized by Tarot Card 20. The Last Judment. The card portrays a gigantic celestial figure with a tubed flaring instrument. Energy waves are being emitting from or pulled towards towards the "mouth" of the transforming instument. It is uncertain whether this Figure is radiating out energy ("blowing a horn" is obviously a crude terrestrial metaphor for this extra-terrestrial event) or sucking up energy-matter by means of gravitational or magnetic attraction.

The living creatures are emerging from their protective containers ("coffins" or, perhaps, space ships necessary to preserve biological forms from electro-magnetic energy). They are obviously being transformed, "lifted up" to a Higher state of consciousness.

We have let this slot represent the transformation from biological to electro-physical consciousness. The final escape from the cell, the shedding of the physiological sheath and the bio-neural center of consciousness.

Slot 20 celebrates the fusion of all interstellar life into Neufogenetic consciousness. When this linkage is established, all life forms will benefit by the intelligence of the most advanced biological forms, thus attaining the technical competance to transfer bio-intelligence and consciousness to force fields which may be related to the apparent origin and end-point of galactic energy--Black Holes. See Slot 23.

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CARD 21: METAPHYSIOLOGICAL PASSIVITY: ~~The~~ GALACTIC/ADOLESCENCE: META-RAPTURE

TAROT CARD: Missing in primitive Tarot deck

Let this slot represent the first phase of Metaphysiological Existence. ~~Galactic~~ Electro-gravitic consumerism. The period of electro-magnetic rapture. The ~~xxx~~ post-somatic consciousness receiving the input of the interstellar net-work.

~~The preceding xixt~~ the preceding phase ~~xxxt~~ described the fusion of the genetic mind of the species with the ~~xxtxxxxxxx~~ interstellar ~~xxtxxxxx~~ biological network. This linkage with other advanced biological forms ~~xxx xxxxxxx~~ leads inevitably to a tranformation of consciousness-intelligence ~~xxxx~~ beyond the limits of organic life into electro-~~magnetic~~ gravitic form.

The first reaction of the Metas/to electro-gravitic consciousness will ~~xx~~ undoubtedly be ~~xxxx~~ similar to the classic response at the initiation of the lower circuits, papturous exploration, ~~xxxxxxxxxxxxxxxxx~~ adolescent, confused, delighted self-indulgence.

The pleasure involved in meta-physiological/experience is beyond the scope of ~~xx~~ our /neurological consciousness. However, some neuro-~~xxxxx~~ experimenters have reported experiencing at the electro-magnetic level. ~~xxxxxx~~

"Consciousness flashed at the speed of light. Extremely pleasuable and perfectly beautfful. Soft, smooth, shining. Nothing exists, of course, except lines of radiation. The atomic nature of things was apparent. Time is, ~~xxxx.~~ Eternity is simultaneous. Everything seemed luxurious, deeply textured because everything was made of time. Inamimate objects flowed through time, like rapidly flashing cards. All knowledge that ever existed was instantly and simultaneously available. I cannot ~~adequately~~ describe the thrilling, fulfilling impact of this discovery. I could experience everything that everyone had ever experienced. I could instantly be anywhere. I realized that I would ~~xxxxxxxxxxx~~ be able to explore ~~everyx~~ event I had read about. Relive the entire life of Cleopatra, Asoka, Helen of Troy for example. I recall feeling a bit self-indulgent at the ~~x~~thought of taking

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time to play with energy this way. But then I wasn't sure what I was supposed to do with this power. I felt a flick of fear that I might flash out somewhere and not be able to get back. Then I realized that there was no "back"--that everwhere was here. Great joy at the thought that my friends could be brought to this state. I said, "We must bring Aldous and Laura here, and Egon and Putzi, and Princess Giovanna. And Fellini too."

This slot marks the entrance into the inter-galactic network and the final shedding of the biological container. If experience at the passive-intake slots of the lower circuits is any precedent, there will be a tendency to get involved in one set of dimensions, one frequency span of the spectrum. With infinity available there is the inevitable likelihood that one will circle around certain favored eddies and whirlpools in the ocean of transgalactic energy.

At the passive-intake slot of the 5th circuit we have seen cults emerge around every sensory organ and hedonic source. The hippie, yogi movements encourage sensory floating.

At the passive phase of the neuro-physical circuit a similar consumer indulgence occurs, electronic gratification.

These forms of passive indulgence are a necessary part of the entire spectrum, they assure that every avenue, every far-fetched possibility, every extreme position, every side-alley is explored.

The primitive, pre-nuclear Tarot deck produced no specific card for this slot. For obvious reasons. However, the last three cards--Sun, Judgment, and Universe provide clear intimations of the transition from physiological to stellar consciousness.

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CARD 22, META-PHYSIOLOGICAL INTELLIGENCE

TAROT CARD 21, The World

Let this slot represent the Inter-galactic meta-physiological intelligence.

There is no need to create inventive prose to describe the Inter-galactic Intelligence. Most of the great religious theologies have deduced the properties and characteristics.

We need simply say that the Intergalactic Intelligence is ~~xxx~~ meta-physiological. It is not metaphysical. It resides in a electro-magnetic-gravitation field which ~~xxxxxx~~ creates a consciousness-intelligence which is pervasive, omnipresent, and contemporaneous--a ~~xxxxxx~~ physical unified field, a shimmering galaxy-wide conscious computer into which the individual neurogenetic organism can ~~xxxxxxxx~~ input Hir total consciousness. Once the transfer of consciousness into the galactic intelligence has occurred, the consciousness then participates in the electric-knowledge of the whole.

We call this the Eighth Brain, the integrating synthesizing center of the galactic energy field--receiving simultaneous-signals from eternity throughout the ~~xxxxxx~~ galactic infinity, ~~xxx~~, analyzing and harmonizing. Meta-light speeds are assumed.

~~Xxx~~ The Galactic Intelligence may be a BlackHole, an association of Black Holes, or the electro-magnetic-gravitational fields surrounding Black Holes.

The Primitive Tarot card which portrays this element was called "The World", "The Universe", "The Cosmos". A woman floating in the heavens carrying two energy tubes in either hand--surrounded by a circular-oval energy STRAND ~~stand~~. Perhaps this circular frame represents the Black Hole. Outside the oval frame are the four symbols of evolution--the basic amino acids personalized as Bull, Lion, Eagle, Human.

The classic divinatory meaning of this slot: "Arrival at the state of cosmic consciousness."

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SLOT 22: METAPHYSICOLOGICAL INTELLIGENCE

THE EIGHTH BRAIN



UNIVERSE

"The Eighth Brain is the integrating, synthesizing center of the intergalactic energy field. All of the characteristics assigned by primitive larval religions to the concept of God define the Metaphysiological Intelligence but we can now add some of the scientific parameters: the Galactic Intelligence is an electro-magnetic gravitational force field ~~and~~ which centers around Black Holes."

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CARD 23 META-PHYSIOLOGICAL FUSION: THE BLACK HOLE

No Primitive Tarot Card exists for this slot.

Let this slot represent Meta-Physiological Fusion, the ~~xxxxxxxx~~ ultimate linkage which astonomers have called the Black Hole.

The absorbtion of all matter and energy forms in our universe into Black Holes has been described by the distinguished exo-biologist, Carl Sagan.

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"In one speculative view, an object that plunges down a rotating black hole may re-emerge elsewhere and elsewhen--in another galaxy and another time. Black holes may be apertures to distant galaxies and to remote epochs. If such holes in the fabric of the space-time continuum exist, it is by no means certain that it would ever be possible for an extended object like a spacecraft to use a black hole for travel through space or time. The most serious obstacle would be the tidal force exerted by the black hole during approach--a force that would tend to pull tend to pull any extended matter to pieces. And yet it seems to me that a very advanced civilization might cope with the tidal stresses of a black hole.

"How many black holes are there in the sky? No one knows at present, but an estimate of one black hole for every hundred stars seems modest, by at least some theoretical estimates. I can imagine a federation of societies in the galaxy that have established a black hole rapid-transit system....through an interlaced network of black holes to the black hole nearest its destination.

~~Slot 23 celebrates the fusion of all interstellar life intelligence of the benefitting by the most advanced biological forms attaining the technical competence to transfer bio-intelligence and consciousness to force fields which may related to the apparent origin and end point of galactic energy-- black holes.~~

The currently popular theories of cosmology suggest that " a large highly spinning black hole ...forms the central part of our galaxy. The mass of this terrible nucleus would be as high as one hundred million times that of our sun, and it is gobbling up the stars on its outer rim at between 1 and 30 solar masses a year." (John Taydor) According to this theory the ultimate destiny of all interstellar matter-energy is to be sucked into a Black Hole. We have noted that a basic duality exists at every level of energy--From the sub-nuclear to the galactic--the magnetic-sexual attraction of the complementary opposites.

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It seems aesthetically right, somehow, that the ~~xxxxxxx~~ final teleological interaction of planetary existence is the magnetic attraction that pulls us within the great dark womb. The entire galaxy/ is thus seen as sperm-stuff hutling to fusion within the Black Hole.

Astrophysics provides the ~~lyrx~~ final lyrics to the music of the spheres. "Come Home", SHe murmured. "Hold on, we're coming." we answer

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PART ~~III~~ V

PRIMITIVE, SEASONAL

LET THE TWELVE SIGNS OF THE ZODIAC CORRESPOND TO ~~THE~~ TAROT I,

THE LARVAL SLOTS OF THE NEUROGENETIC TAROT

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"...the universe is not only queerer than we suppose,

but queerer than we can suppose."

J.B.S. Haldane, said to be one of the wisest men of the twentieth century

"..the universe is not only more beautiful than we suppose,

but more beautiful than we can suppose."

inscription found on Germanium plaque, Fifth Circuit A.B.

"..the universe is not only more intelligent than we suppose, but more intelligent than we can suppose."

attributed to Robert Anton Wilson, said to be one of the most intelligent Woman of the Fifth Circuit A.B.

"..the universe is not only more erotic than we suppose, but more erotic than we can suppose."

Joanna Leary

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9.1 Conditioned Social Styles Can Mask Genetic ~~Astrological~~ Differences

~~We are discussing here the Einsteinianation of the Tarot.~~ Leonard has stated it well. ~~But a digression is necessary.~~ When we apply a ~~philosophic~~ system to predict or describe a human situation we must take into account the pre-or-post larval status of the subject. The predictive-descriptive system only works up to the level of the mutational subject. We cannot apply butterfly categories to caterpillars. This is ~~most~~ important ~~in~~ to remember in any attempt to validate neuro~~logical~~ genetic symbol systems.

Astrological interpretations obviously depend upon the level of the subject and the level of ~~xx~~ the interpreter. For example, larval Astrological validation studies often fail to work because the subjects are so frozen and limited by social-conditioning that they have never manifested their ~~elemental~~ ~~tendencies.~~ genetic individuality robots-

Let us suppose that we ~~xxxxxxxxxxxxxxxxxxxxxxxxxxxx~~ go to a suburban ~~housing~~ residential tract ~~development~~, select twelve adjacent houses and ~~findxthat~~ attempt to correlate the astrological signs of the inhabitant with their behavioral characteristics. Land astrological predictions fail because the genetic differences ~~exist~~ are hidden ~~by the fact that~~ the subjects

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robots

are all middle class Americans who work for large organizations. They are socially programmed to all get up in the morning, drive to work, watch the same television shows and engage in the conventional past-times.

Astrological predictions can only be tested with persons who have broken out of parochial social roles and whose genetic templates have been given a chance to manifest. Astrology is simply a method of chronology, a crude and inefficient way of labelling time based on lunar, solar and planetary cycles. The basic theory is that genetic templates which determine neurological wirings are laid down in time-cycles. The earth wobble which causes the seasons to change produces regular annual variations in the radiations which fall on any place on the planet. These radiations trigger off consistent monthly changes in the genetic code which account for the differences in nervous systems, which as the manifest behavioral characteristics of those people born (really conceived) at the same time in lunar, solar, and other cycles.

These neurological differences related to month of birth have been noticed for thousands of years by the wisest/shamen, psychologists, and sociologists/ and summarized in the psycho-diagnostic labels of astrological signs. Neurogenetic differences are masked by social imprints and conditioned systems--especially in urbanized, middle class societies where mass-education and mass communications have created homogeneity. (Two hundred years ago neurogenetic differences were more obvious because life in a village offered more variety of imprint models living close at hand and the human tribal group was closer to the rhythms of planetary energy to which the genetic differences are adaptations.

Today neurogenetic differences which are described and predicted by the classic ASTROLOGICAL descriptive systems can be detected only in those who have transcended homogenized culture imprints.

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Astrology, for example, "works" best in describing and predicting the behavior of those who have freed themselves from rigid, imposed cultural styles and who express their essential neurogenetic nature. We speak here of drop-outs, of the liberated, of re-imprints, of the special elites who have, either by birth or by crime, achieved detachment from social models. Astrology "works" for those who have attained positions of social independence where their neurogenetic idiosyncracies can be given full sway. The rich, the famous, the powerful, the anti-social.

The blossoming of astrology and other primitive neurogenetic techniques in America during the 1960's was due to the fact that millions of Americans suspended cultural imprints, re-imprinted their nervous systems by the use of drugs and created life-styles which were more individual and which tended to express their neurogenetic endowments.

was initiated by Carole Wilson, M.D.

During In 1967 SHe began an informal astrological study, A notebook was prepared with a page for male Aries, female Aries etc. During a three year period SHe wrote in the appropriate page the name of every person who met three (1) requirements; (2) the person had ingested large quantities of mind-changing drugs, had dramatically altered the style of their life imprinted from their social expectations and (3) was acquainted well enough that their "personality" could be understood.

After three hundred "cases" had been listed, the results of the study stood out in neon. It was simply necessary to say to someone who knew the people involved: "Listen to this list of fifteen female Leo's!" The results were so obvious that amazed laughter was the response. To use a neurogenetic system like astrology, it is necessary that you have an understanding of the difference between genetic templates, neural imprints, and socially conditioned habits. The time of conception and birth determines the wiring of your circuits and cannot predict local social-conformity styles.

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The Twelve Signs of the Zodiac Define a Neurogenetic Array for the Four Larval-terrestrial Circuits of the "ervous System

According to Arthur Leonard Emmerez formulae which are valid for one dimension of energy must have some relationship to formulae summarizing other dimensions. Thus, the laws of molecular chemistry relate in a systematic way to the formulae of nuclear physics. Chemistry relates to genetics. Indeed the unity of all energy forms is confirmed by converging evidence from every science."

Neurogenetic symbol systems must, therefore, relate systematically with the summary systems of physics and chemistry. There are many psychological systems which have been passed on from antiquity which may have some neurogenetic meaning, however garbled in transmission and however primitive the pre-scientific symbols, which should allow them to

Thus we expect that the I Ching should relate to the Periodic Table of Elements and on the other hand to neurogenetic systems like Tarot. The Tarot and the Zodiac are primitive codes which repeat the same message over and over.

Students of the Tarot have routinely attempted to relate astrological signs to the cardesequence. Such correspondences have been chaotic because of the numerical problem--relating an array of 12 with an array of 21+1. The

Typically the alchemical scholar attempts to relate the literary meaning of the zodiac sign to the literary meaning of Tarot pictures. Since pictures and verbal symbols change from place to place and time to time, such correspondences produces no systematic

In The Book of Thoth Alistair Crowley presents one such poetic attempt to relate Tarot and Zodiac. The rationale behind this symbol-linkage is apparently based on poetic themes, ignoring the numerical order. The Hermit is celibate, therefore Virgo. The Moon is a dark lady, therefore Pisces. Strength-lust is Leo. Etc.

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THE ALISTAIR CROWLEY ATTEMPT TO RELATE THE SYMBOLS OF TAROT AND ZODIAC

Tarot Card	Zodiac Sign
0. Fool	no zodiac sign
1. Magus	(Mercury, no zodiac sign)
2. High Priestess	(Moon, no zodiac sign)
3. Empress	(Venus, no zodiac sign)
4. Emperor	Aries or Acquarius
5. High Priest	Taurus
6. Lovers	Gemini
7. Chariot	Cancer
8. Justice	Libra
9. Hermit	Virgo
10. Fortune	(Jupiter, no zodiac)
11. Strength-Lust	Leo
12. Hanged Man	(Venus, no zodiac)
13. Death	Scorpio
14. Art	Sagittarius
15. Devil	Capricorn
16. Tower	—Mars
17. Star	Acquarius or Aries
18. Moon	Pisces
19. Sun	(Sun, no zodiac)
20. Aeon	no zodiac sign
21. Universe	(Saturn, no zodiac sign)

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When the Tarot-Zodiac correlation is attempted in the context of the Neurogenetic Array, the ~~solution~~ correspondence is simple and convincing.

We look, as always, for the numbers to betray the secret code. There are twelve Zodiac signs and twenty-one Tarot slots. ~~It is~~ immediately ~~obvious that~~ if we wonder the twelve slots of the Zodiac signs refer to the first four larval circuits.

Earlier in this chapter we have seen that the ~~Zodiac~~ Neurogenetic characteristics of the zodiac signs ~~are~~ may be due to ~~to~~ the different angles of solar and other radiation systematically sweeping the wobbling planet in annual cycles. The direct, scorching, blinding sun overhead of July sends a different signal to DNA than the pale, cold, distant, grey yellow-red sun of ~~January~~ December. ~~Solar radio~~ the varying sunbeams trigger off specific DNA responses--instruct genetic designers to grow more hair, to adjust internal temperature gagues, re-arrange sweat glands, recalibrate energy mechanisms. * Footnote →

~~Zodiac~~ The ~~twelve~~ twelve-slot zodiac array describes the sequence of adaptations to fetal terrestrial life. On another planet, with different atmospheric, chemical, gravitational, and climatic factors the ~~twelve~~ solar signals ~~might~~ would trigger off different archetectural designs but the basic factors in planetary embryonic stages are so similar that the same twelve* zodiac types probably exist on all bio-genetic planets in the galaxy. The same four fetal stages seem inevitable:

the front-back orientation of infancy
the up-down gravitational mastery of early childhood
the left-right discrimination of later childhood
the sperm-egg ~~connection~~. protective arrangements of post-adolescence

And since each of these orientations involve an ~~active-output~~ ~~a passive-receptive~~ and a storage-memory-synthesizing reaction it seems probable that the familiar twelve slot zodiac sequence (three times four) which is so familiar to neuro-psychologists on this planet also exists on other planets. ~~Along with~~

* there may be fewer or more than twelve zodiac types. It seems that there are four seasonal tubes each with three phases -

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Footnote to be inserted on reverse!

"According to the neurogenetic hypothesis the Zodiac types are based on genetic templates perhaps determined by seasonal variations in solar radiation. If this is true, then it is obvious that the Zodiac signs have different meanings for those born in the Southern hemispheres. Does the STANDARD Zodiac "work" for those conceived below the equator or is it necessary to ~~add~~ move six signs to establish the birth sign of Africans, ~~and~~ South Americans and Australians? Is the African Pisces-Tool born in September? Etc. Statistical studies of birth-sign characteristics will offer proof or disproof of the Zodiac hypothesis and the speculations about birth geography."

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wonder

This may be the time to ~~explain~~ why there are twelve Zodiac types and how the twelve are related.

We have suggested that seasonal differences in solar radiation caused by the tilted axis of the planet create cyclical differences in germ plasm.

It seems to make geological sense to define four seasons. Spring, summer, fall, and winter can be defined objectively.

Thus, we suggest that there are four basic neurological types based on the seasons:

the spring neural circuit: March-April-May

the summer neural circuits: June July August

the autumn circuits: September, October, November

the winter circuit: December, January, February

Each neural circuit is wired in three-phases: reception, integration, output. Thus we obtain the seasonal zodiac:

early- middle- late-

Infancy (KUN-EARTH)
- Pisces: passive receptive phase of the Spring circuit;
- Aries: integrating phase of the Spring circuit
- Taurus: output side of the Spring circuit

Childhood (Ch'en-movement)
- Gemini: passive receptive phase of the summer circuit
- Cancer: integrating phase of the summer circuit
- Leo : output phase of the summer ciruit

Pre-adolescence (Kan-Toil)
- Virgo: passive input phase of the autumn circuit
- Libra: integrating phase of the autumn circuit
- Scorpio: output phase of the autumn circuit

Adulthood (Ken protection)
- Sagittarius: passive input phase of the winter circuit
- Capricorn: integrating phase of the winter circuit
- Aquarius: output phase of the winter circuit

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Exo-psychologists concerned with interstellar communication-- (A.G.W. Cameron), John Lilley for example--have speculated about the vocabularies best suited for extra-terrestrial conversations.

"Some thought has been given to the best form in which to transmit interstellar mesaages. This ranges from the simple transmission of mathematical series such as prime numbers to the transmission of a complete course in linguistics to be followed by an encyclopedia....it seems quite likely that a television picture would be the logical way do open an interstellar conversation." A.G.W. Cameron in Interstellar Communication

To initiate contact some have suggested radio-transmission of the value of Pi (3.1416), held to be a galactic constant. It might well be that among the first self-identification introductory remarks addressed by us to alien intelligence would be neuro-genetic formulae indicating that the larval entities which have emerged on this planet ~~are four-brained creatures who~~ have mastered ventral incorporation, vertical mastery of gravity, bilateral discriminating manipulation, and division of labor in sex role. The fact that a species can accurately define its four-brained past is itself a first twelve -- message to Big ... We have seen that the Tarot cards provide a personalized integration has been mastered. summary of the sequential emergence of the four brained nervous system. We shall now consider the possibility that the twelve zodiac phases correspond with, perhaps even duplicate the Tarot sequence. If this is true several interesting conclusions can be drawn. Correspondence between Tarot and Zodiac suggests that both these neurogenetic arrays are related to seasonal regularities of conception-birth. Interstellar neurogenetics. Annual variations in Solar radiation pre-programs nervous systems to perform the twelve fetal survival tasks. Each of us, in our larval stages, evolves through the twelve neural slots. Each of us is pre-programmed to favor, to manifest one of these twelve survival postures. Each of us is thus a mobile Tarot card. And the personalized label is our Zodiac sign.

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Exo-psychologists might be alert to the possibility that our interstellar relatives may well introduce themselves by radio-televising ~~their~~ a non-verbal, energy-diagrammed signal of their zodiac signs.

Before considering the ~~linguistic~~ numerical forms an interstellar zodiac code would take (i.e. the I Ching) we shall demonstrate the correspondence between the Tarot and the Zodiac.

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6.3 CORRESPONDENCE BETWEEN THE TAROT AND ZODIAC ACCORDING TO THE NEUROGENETIC

NEUROGENETIC Tarot- Slot	CLASSICAL ARRAY TAROT CARD	ZODIAC-SLOT	
0. Bio-neural passivity	Fool	Pisces — —	
1. Bio-neural intelligence	Magus	Aries — —	Bio-survival circuit KUN - EARTH
2. Bio-neural Fusion	Empress	Taurus — —	
3. Emotional Passivity	High Priestess	Gemini — —	
4. Emotional Intelligence	Emperer	Cancer — —	Emotion~~epower~~ Circuit Ch'en movement
5. Emotional Output Politics	High Priest	Leo —	
6. Mental Passivity	Lovers	Virgo — —	
7 ~~5~~. Mental Manipulative Intelligence	~~Libra~~ Chariot	Libra —	Mental Manipulation Circuit Kan Toil
8. ~~6~~ Mental ~~Discrimination~~ Sharpness	Strength	Scorpio — —	
9. ~~7~~ Sex-role Passivity ~~Physical~~ Bachelor	Hermit	Sagittarius —	
10 ~~8~~. Domestic Intelligence Impregnation	Wheel of Life	Capricorn — —	Sexual Domestication Circuit Ken Protection
11. ~~9~~ Sex-role Responsibility Morality	Justice	Aquarius — —	

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When two ancient, ~~poetic~~ faded, tattered neurogenetic scripts like Tarot and Zodiac are connected a powerful and fascinating fusion process occurs. Comparing the matched slots from the two systems we do not expect to find perfedt duplication, Both systems are encrusted with long-dead literary symbology which may disguise the ~~deed~~ similarity.

The first task in testing the fit is to survey the overall design and see if it makes sense. Do Pisces, Aries, and Taurus share themes that fit the infantile bio-survival situation? ~~Do Gemini, Cancer,~~ ~~Leo share the emotion-power motif? Does Gemini reflect the receptive aspect of power and Leo the active? Does Virgo suggest the left-hand, Scorpio precise dexterity and Libra mental synthesis?~~ Do Pisces seem like the ~~unformed~~ potential and Taurus the ~~fusion aspect~~ of biological ~~intelligence~~?

Do Sagittarius, Capricorn, and Aquarius seem to reflect the fourth and last stage of terrestrial adaptation, domestication, ~~morality~~?

Next, let us consider the matchings of Tarot card and Zodiac sign. Recognizihg that in some cases the fit may be obvious and convincing, in other cases we may be able to see the card in a new and clearer light through the lens of the sign. And vice versus.

Is Pisces the birth sign of the Fool? ~~Unformed~~ potential? Fluidity? Neptunian changeability? Mysterious implications of pre-birth, of ending and beginning? This fit is not obvious and much is to be learned by studying the new entity created by the fusion of Pisces-Fool.

Is Aries the birth sign of ~~the~~ Magus, the young magician? Bio-survival intelligence? The Will to Live? Young, raw energy? Clever but not wise? This fit seems close. Much can be learned from the fusion of Aries-Magus.

Is Taurus the birth sign of Empress? This card-sign fit seems

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obvious. ~~Xiizof~~ The characteristics typically assigned to the sensual, warm, nurturant, animal-mother Taurus ~~xxxxxxxxxx~~ are duplicated in descriptions of the Empress slot. This firm connection ~~serves to~~ provides one anchor the system.

Is Gemini the birth sign of the ~~High~~ Sly Priestess? While the superficial response would be dubious, a deeper reflection on the meaning of this slot is most revealing. Emotional passivity. Power and emotion dealt with in a fluid, unfixed, child-like manner. The below world. The Priestess is usually portrayed as a young woman holding and half-concealing the scroll. Hermes. Secret communications. ~~John Kennedy and Marilyn Monroe were Gemini~~

Is Cancer the birth sign of the Emperor? At first glance this match doesn't seem to make ~~no~~ sense. Cancer ~~is~~ represents emotions and control of territory. This slot is the Emotional Mind. The ~~xxxxxxxxx~~ role of Emperor is not quite appropriate. The Queen from Alice and Wonderland might be more to the point. ~~Caesar and Nelson ROCKE FELLER were Cancers.~~

Is Leo the birth sign of the High Priest? Here is emotion-power expressed, institutionalized. The ~~xxxx~~ Midieval Pope was the symbol-enthroned of the Establishment. Emotion made concrete. This fit adds another lock to the connection. The Big Lover.

~~Is Virgo the birth sign of The Lovers?~~

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Is Virgo the birth sign of The Lovers (card 6)? This slot represents Mental passivity. The receptive, rather than the active Mind. Service rather than executive thinking. The youthful flavor of "The Virgin" and the two-children seems to resonate. The fit makes sense.

Is Libra the birth sign of The Chariot? Intellectual balance. Bi-lateral harmony of the two-hemisphere cortex. The Chariot driver controls the reins of two horses, one black, one white. This picture fits the notion of The Integrating Mind.

Is Scorpio the birth sign of Tarot Slot-8, Strength? The card portrays a muscular woman grasping and successfully manipulating the jaws of a lion. Mental acheivement is the neurogenetic theme. Skillful dexterity. Mastery. Scorpio precision.

Is Sagittarius the birth sign of Tarot-slot-9, The Hermit? At first glance the fit seems off. When the midieval monastic theme is modernized to adolescent-sexuality the match comes closer. This is a case where contemplation and review of the Tarot, Zodiac, and neurogenetic themes throws light on each system. Most astrological discussions of Sagittarians stress that, although sexy, they avoid domestication.

Is Capricorn the birth sign of Tarot slot-10? Wheel of Life? Impregnation? The Domesticated Mind? According to Astrologer Linda Goodman, "The Capricorn man burns incense at the family altar...He's almost reverent about family ties....The goat will pick a girl who will be a pretty good mother..." The Capricorn woman "has the same goal--a steely determination to snag the right man, who can become important, make her proud, and be a good father to her children....Don't be misled into thinking she'll never sacrifice her career for marriage. Just give this girl a chance to be a social leader and the mistress of a well-run household..."

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Is Aquarius the birth sign of Card 11, Justice? The theme of this Zodiac sign seems to be idealism. "He's a group man, and teamwork comes naturally to him. Aquarius understands the fair play rules of sports as if he had invented them, and he carries these rules into his personal relationships. He responds to unusually high ideals, thanks to his rigid moral code."

~~xAquariansxarexnotxsexyxnor~~ The sexual-domestic impulses of this circuit seem to be sublimated, idealized and generalized to ~~cultural~~ society rather than focussed upon direct parental expression.

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§.4 Astrology Is the Most Complex, Systematic, and Logically Coherent System of Psychology Devised by Larval Humanity

Astrology is a primitive neurogenetic (psychological) objective and system based on reliable measures of time cycles. Bio-rhythmics based on celestial motion as chronometer.

Astrology is many times more sophisticated than current psychological theories. Zodiac psychology is based on genetic pre-programming, and cyclical change and multi-dimensional dynamic interactions of forces. These concepts are in essance post-Einsteinian and are far beyond the narrow statics of Freudian, Pavlovian, and social psychologies currently popular respectable.

The most eminent, world-renowned psychological theorists today rise to the top of their profession by selecting one "variable" and centering the activites of their school-of-followers on this single concept. Need acheivement. Identidy cricis. Cognitive Dissonance. Even the most illiterate village astrologer, by contrast, uses a system of 1528 variable combinations (sun sign times rising sign times 12 planets).

The problem with the astrological system is that it is too chronometric highpowered for in structure for the feeble psychologyical content. Larval humans were able to work out the time-dimensions but the variabbes of personality and social behavior were inconsistent, flimsy, poetically vague, redundant, and narrowly subjective. The reason for this assymmetry: lack of a basic theory of neurogenetics which had to await the atomic physics of Planck and Einstein and the genetics of Watson, Crick and Paul.

Astrology is not a System of Divination, but a Precise Neurogenetic Code

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In the case of fhe Tarot array we have seen how a precise evolutionary formula can be corrupted, disguised, and vulgarly misused as a fortune telling device.

The neurogenetic evolutionary key to the code gets lost and the system, which still carries its powerful energy significance, gets shallowed-out as a popular psycho-recreational game. A good example of this phenomenon is provided by the Taoist system of the I Ching. In the occident, the I Ching is a scholarly device used by philsophers and students of comparative religion to obtain insights into the Wu Wei approach of Taoism. In the west Taoism is the most sophisticated, elegant, complex of oriental philsophies. The clean, pure rhythmical alternation of positive-negative units. Taoism is the philsophic justicication for computer science--based on cycles of binary functions. In the east, however, Taoism is the most banal, vulgar, and crassly commercial religion. The market places swarm withTaoist priests selling divinations for a dime. Ten cents a chance.

Perhaps The Neurogenetic model can allow us to re-discover the basic structural meaning of the Zodiac system. As in the case of the Tarot we realize that pre-Einsteinian minds have played verbal games with the Zodiac, imposing their own value concepts and literary associations.

3.5 Zodiac Differences Are Based on the Four Directional Assymmetries Which Determine Larval Survival on this Planet

In any psychological study of larval, terrestrial behavior it is necessary to remember the four basic polarities which determine survival adaptability on any bio-seed planet in the galaxy:

I. The ventral-dorsal assymmetry, towards and away.

-- 0. Pisces-Fool wishes to be cuddled and bathed in fluid warmth, but is not fixated in one forward direction.

-- 1. Aries-Magus is straight-ahead, the Ram.

The assignment of animal-labels, air-earth-fire-water vectors and cardinality are examples of literary-philsophic symbol-juggling which tends to lose basic energy meaning.

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face-to-face,

~ - 2. Empress-Taurus is the ventral-ventral linkage of baby and Mother. Taurus is not a bull, but a cow- calf

II. The Vertical (above-below) assymetry (I Ching, Ch'en duet. movement)

~ - 3. Priestess-Gemini is not fixated in a hierarchial direction, but moves, changes, evades, hides.

~ - 4. Cancer-Emperor grabs, holds, possesses, takes over the territory.

— 5. Leo-High Priest is the head of the establishment, on top, the vertical linkage of authority.

III. The Lateral Assymmetry (open-hand and grasping hand). (I Ching, Kan - Toil)

~ - 6. Lovers-Virgo, passive, reactive, inhibited

— 7. Libra-Chariot Driver balancing, controlling the two sides of the situation, ambidexterous and ambivalent.

~ - 8. Scorpio-Strength ~~precision~~ laser-precision grasping, the fusion of left-right manipulation.

IV. The Sperm-Egg Sexual assymmetry (I Ching Ken - Protection)

— 9. Sagittarius-Hermit turning away from, unfixated on the sperm-egg connection, following Hir own light. the adolescent

~ - 10. Capricorn-Wheel of Life, represents the domestic protection of the vagina-uterine center of ~~domestic~~ larval existence.

— - 11. Aquarius-Justice the external ~~domestic~~ social structure linking ~~the~~ sex roles to moral responsibility and Idealism

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5.6 Zodiac I Terrestrial; Zodiac II Extraterrestrial

It has been suggested in preceding sections that the twelve signs of the seasonal zodiac define the twelve stages of terrestrial evolution.

It has also been suggested that the twelve terrestrial stages of neurogenetic evolution represent the first half of the genetic program and that the second half of human evolution witnesses the emergence of four neural circuits designed for extra-terrestrial existence. The twelve stages of ~~post-terrestrial~~ evolution therefore define a second Zodiac.

As was the case with the terrestrial Zodiac we shall assume that the twelve stages of the ~~extraterrestrial~~ Zodiac represent an evolutionary sequence which everyone passes through and, in addition, that each individual has been pre-programmed to specialize in one of the twelve survival slots. We have suggested that the terrestrial Zodiac defines twelve human/types as different from each other as worker bees are from warrior bees. The neurogenetic system defines twelve stages which the mutant species must pass through after migrating from earth. Twelve tasks which must be accomplished by the interstellar, interspecies networks that we are evolving into. These tasks are defined by the last twelve Tarot cards and by the associated Trans-zodiac types which comprise Zodiac II.

Two pages are missing here

which will be added

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PART 6

Assume that The Eight Trigrams of the I Ching Transmit the Same Signal as the Eight Families of the Periodic Table and the Eight Neurogenetic Circuits

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6.1: The Classic Texts on the I Ching Have Emphasized the Prosody and Neglected The Meaning of the Numeration

What is the I Ching?

Richard Wilhelm, ~~distinugished~~ Sinologist ~~tells us.~~ has one theory.

"The Book of Changes--I Ching in Chinese--is unquestionably one of the most important books in the world's literature. Its origin goes back to ~~xxxxxx~~ mythic antiquity, and it has occupied the attention of the most eminent scholars of China down to the present day. Nearly all that is greatest and most significant in the three thousand years of Chinese cultural history has either taken its inspiration from this book, or has ~~xxxxxx~~ exerted an influence on the interpretation of its text. Therefore it may safely be said that the seasoned wisdom of thousands of years has gone into the making of the I Ching...

"Indeed, not only the philosophy of China but its science and statecraft as well have never ceased to draw from the spring of wisdom in the I Ching....Even the commonplaces of everyday life in China are saturated with its influence. In going through the streets of a Chinese city, one will find here and there/at ~~xxxxxxxxxxxx~~ a street corner, a fortune teller sitting behind a neatly covered table, brush and tablet at hand, ready to draw from the ancient book of wisdom pertinent counsel and information on life's minor perplexities...."

"In the course of time, owing to the great repute for wisdom attaching to the Book of Changes, a large body of occult doctrines extraneous to it-- ~~xxxx~~ have come to be associated with its teaching...In order to arrive at an understanding of the book and its teachings, we must first of all boldly strip away the dense overgrowth of interpretations that have read into it all sorts of extraneous ides. This is equally necessary whether we are dealing with the superstitions and mysteries of old Chinese corcerers or the no less superstitious theories of modern European scholars who try to interpret all historical

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cultures in terms of their experience of primitive savages."

Again we ask the question, what is this I Ching which has been the source of three thousand years of wisdom? Behind the texts of divination, the endless commentaries of Confucian morality, bland maxims, quietism, Sino-Teutonic maxims, the theories, the I Ching is revealed as a method of describing the laws of nature in terms of a binary code--a signal composed of positive and negative charged digital energy units. The numerical basis of the I Ching is totally congruent with electromagnetic and nuclear physical theories of energy and matter. The "plus-minus" format of the Chinese system can translate into quantum physics, big-bang-black-hole oscillations, cation-anion valences, electron spin variations etc. The basic premise of both modern astro-physics and the I Ching is change in the pattern of positively and negatively charged particles.

In order to decipher the code of the I Ching it is necessary, of course, to cut through the archeological layers of cultural morality, mundane market place superstition, and larval survival cunning.

To be specific--the I Ching is a ticker-tape of energy bleeps, a signal, a coded message, that mathematically transmits the same code as the Periodic Table of Elements. Any literary and cultural interpretation laid on the numerical code-arrangment is a self-serving, larval, verbal distortion.

The 740 pages of the widely venerated Wilhelm-Baynes text is a typical larval morality propaganda coup--as relevant to the realities of the evolutionary process as the banalities of Confucius, the senilities of Lao-Tse, the rantings of Billy Graham, the vulgar dogmatisms of Pravda, the pietist-stupidities vanities of Mao. I Ching commentaries produce another dismal new fever formulation of pompous vulgarity, pretentious, bombastic, mealy-mouth humbug. It is an astonishing a revealing insight into larval mentality that such pretentious cant is published by the Princeton University Press, sponsored by Bollingen-Mellon money, endorsed by Carl Jung and consulted by millions of apparently literate people. It is important to realize that the I Ching commentaries were originally written by conservative political propagandists and have been passed on and annotated by generations of

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I Ching aficianado

bourgeois moralists. The reader who wishes to experience mild and amusing liberation is invited to read the Wilhelm-Baynes commentaries as though they were quotes from the Reader's Digest or annotated sections of Kahil Gibran, or a Maoist version of the Boy Scout manual.

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6.2 Inconsistencies and Assymetries in the Numbering of the I Ching Hexagrams Illustrate How Errors Enter Neurogenetic Systems and Are Unquestionly Perpetuated by Gullible Scholars

In this and other Neurogenetic transmissions the point has been made that symbol systems passed on by rote conditioning methods are not only meaningless, but also dangerous because they provide the false illusion of knowledge. ~~All of the cosmological, scientific and practical symbol systems must be experienced actually imprinted on the vulnerable nervous system before it can be used for~~ Individuals who transmit symbol systems which they do not understand experientially invariably introduce errors based on their own neural bias. ~~Even worse,~~ such errors are cumulative because they are not recognized by rote transmitters.

An amusing and instructive set or errors exist in the current numbering systems for the I Ching hexagrams. ~~It is awe-inspiring to realize~~ It is typical of larval docility that generations of I Ching scholars gullibly pass on these inconsistencies and irrationalities ~~apparently~~ fabrications about hexagrams without ever raising questions about the meaning of the numbers and the meaning of the irregular glaring irregularities in the numeration.

Before presenting these errors in the hexagram-numbers it must be repeated that the use of hexagrams in I Ching divination is itself ~~entirely~~ arbitrary and confusing. The technique of the hexagrams was introduced by King Wen (circa 1150 B.C.) along with 64 banal and vulgar sets of moralizing ~~called~~ "judgments". The key to the I Ching is the notion of the changing flow of positive and negative energy ~~units~~ signals. The trigram is simply ~~the~~ The grouping ~~that~~ which produces eight possibilities; the sum of the combinations in a three dimensional system producing An Eight word code? IT - Code - UFO

The formation of hexagrams by combining trigrams seems to be a gratuitous addition of the Good King Wen--providing an array of

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among the eight words in the code teaches

64 interactions between three-letter words. In the context of the Periodic Table the hexagrams represent molecules, i.e. compounds of elements. Since the current I Ching commentators do not understand the meaning of the binary code letters, or the trigrams, the 64 hexagram words, compounds are a jumble of moralizing nonsense-syllables and bizarre association.

It could be useful to describe the meaning of paired trigrams (i.e. word combinations) if such descriptions derived from the intrinsic meaning of the elements and not, as is the case with the Chinese commentaries, from poetic nonsense-syllable associations, or associations to the look of the hexagrams etc. valence arrangements of the

With these qualifications in mind, the following questions we shall now proceed to consider: What is the rationale which determines the numbers assigned to the hexagrams? I Ching What is the rationale for dividing the hexagrams into two Books? Does the numerical arrangement of the hexagrams give any clue as to the basic order of the trigrams? code?

This investigation is presented as a digressive neurogenetic detective riddle which can serve as illustration of how a fresh look at classic symbol systems uncovers inconsistencies which in turn lead to discoveries about the basic meaning of the code.

To participate in this "mystery story" the reader is invited to consider Table 1 which is a standard key for Identifiying the Hexagrams found in the end sheet of the Bollingen edition of the I Ching. Texts and logical

There is a sequential order to the numbers in this chart which is concealed by systematic errors in listing the trigrams and by systematic errors within one row and one column.

To identify the rhythm of the arrangement of the hexagram numbers let us note that "1" is diagonal to "2" and that "12" is diagonal to "11" in the opposite direction. Note that "64" is diagonal to "5" in the same direction as "11" to "12". Note that "13" is diagonal to "14" in the same direction. Next, note that if, in the first column (Ch'ien), "25" is exchanged with "33" then the same diagonal sequence hooks up with "34" and "26" in the

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TABLE 1

the deck of changes

****

INDEX TO HEXAGRAMS

trigrams: upper → / lower ↓	☰	☳	☵	☶	☷	☴	☲	☱
☰	1	34	5	26	11	9	14	43
☳	25	51	3	27	24	42	21	17
☵	6	40	29	4	7	59	64	47
☶	33	62	39	52	15	53	56	31
☷	12	16	8	23	2	20	35	45
☴	44	32	48	18	46	57	50	28
☲	13	55	63	22	36	37	30	49
☱	10	54	60	41	19	61	38	58

8

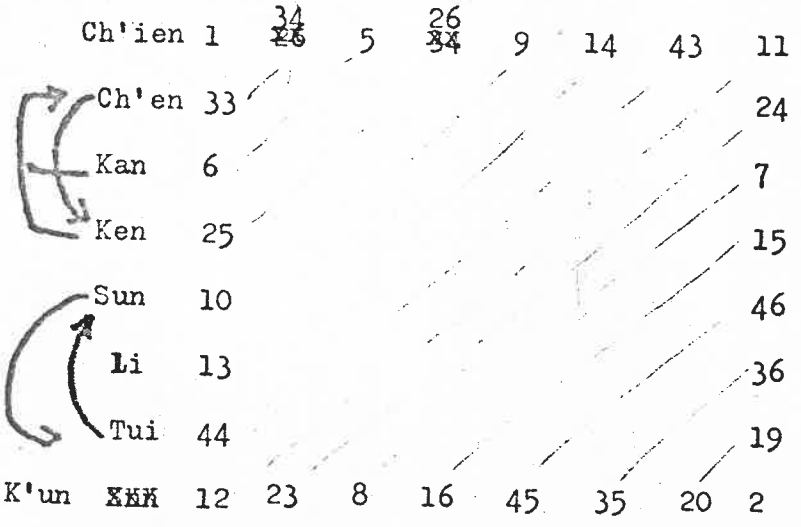
Ch'ien
Chen
K'AN
Ken
K'UN
SUN
LI
TUI

enlarge this chart and add names

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top row of Ch'ien. Next observe that if "44" and "10" in the first column are exchanged the same symmetry links them up to "9" and "43" in the top row.

At this point two logical conclusions follow:/1 the hexagrams involving the first column and the top row are related; and 2. the same rhythm would hold if Kun, Earth (which is the opposite of the top element Ch'ien) were to be placed on the bottom and far right of the array. The following arrangement for the outside rows and columns (those involving the basic trigrams Heaven ☰ and Earth ☷.) is as follows:



To summarize: we have brought the numbers of the outside rows and columns into symmetrical order by placing K'un at the bottom and far-right instead of at the middle; and by switching the Chen and Ken numbers in the first column and the Tui and Sun numbers in the first column.

At this point we note that the outside rows and columns tend to comprise the lower numbers. Of the twenty eight numbers in the perimeter of the array, 20 are below 29 and only eight are above 28. The numbers above 28 (which are circled) quartets: 33 and 34, 35 and 36, 43 and 44, 45 and 46.

Now let us consult the Table of Contents of the Wilhelm-Baynes text where we discover that the hexagrams are divided into two groups: Part I covers hexagrams 1 to 30 and Part II covers hexagrams 31 to 64. Let us suppose that the division into two parts divides those hexagrams which involve the mater trigrams

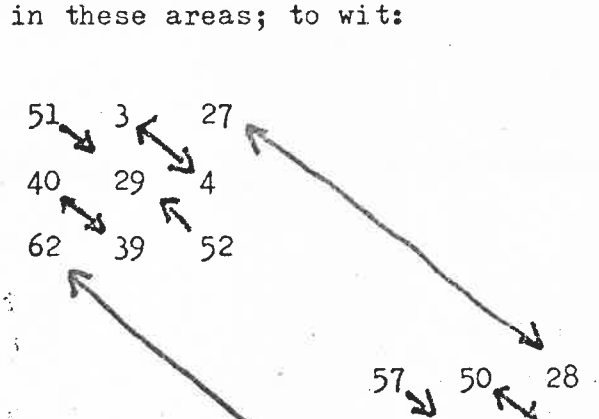
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Ch'ien (Heaven) and K'un (Earth). In this case the division between Part I and Part II would come after hexagram 28. If we make this change we discover that hexagrams 29 and 30 become the first two hexagrams of Part II. These two hexagrams are doubled-trigrams; 29 being Kan over Kan (water over water) and 30 being Li over Li (Fire over Fire). These two hexagrams carry an additional "central" meaning, since they represent the mid-points of the two trios of "mixed" trigrams. (Ch'ien , and K'un are "unmixed" trigrams; Chen , Kan , and Ken comprise one tri of "mixed" trigrams, and Sun , Li , and Tui comprise the second trio of "mixed" trigrams. All this is to say that it is symmetrical and logical to have Part II start with hexagrams 29 and 30. Further confirmation of this logic comes when we examine the structure of the 36 "inner" hexagrams (see Table 1). The inner trigrams group into four boxes of defined by the three-by-three combinations of "mixed" trigrams. Note that 29 and 30 are the center numbers of the upper left and lower right boxes. And that they are in the same diagonal relationship of hexagram 1 and 2. A further confirmation of the logic of starting Part II with hexagrams 29 and 30 comes when we note that Part II ends with hexagrams 63 and 64 and that these are located in spots precisely complementary to 29 and 30; that is in the center of the lower-left and upper right boxes of "mixed" hexagrams--thus forming the opposite diagonal parallel to the 12-to-11 direction.

Let us summarize the logic so far. We have determined 1. that there is a diagonal rhythm to the numeration, and 2. that the hexagrams involving the basic trigrams Heaven and Earth are located in the perimeter, and 3. that the perimeter numbers are the low numbers 1 to 28 (with two quartets of exceptions) and 4. that the perimeter numbers define Part I and the 36 inner numbers define Part II, and 5. that there are certain consistent "errors" or inconsistencies in these rhythms which have concealed the basic harmonious consistencies ~~we have uncovered~~ and which may shed further light on the meaning of the I Ching system.

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Let us now consider the "mixed" hexagrams which are located in the four inner three-by-three squares. It is immediately apparent that the diagonal rhythms operate in these areas; to wit:



A perfect diagonal symmetry holds for ~~the~~ these two squares ~~listed~~; 51 matches 52, 29 matches 30, 40 matches 39, 62 matches 61 etc.

The symmetry does not work as uniformly ~~in~~ with the other two squares:

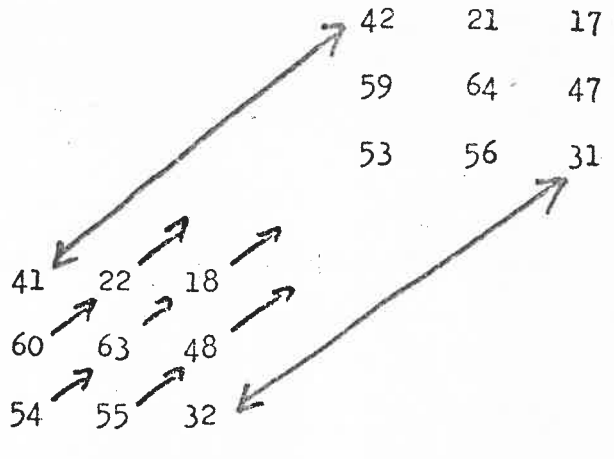
* * 17
* 64 *
53 * *

* * 18
* 63 *
54 * *

The positions marked with * indicate where the symmetry breaks down. However, it is apparent that these "inconsistencies" are not random. We need only switch three pairs and perfect symmetry is restored. The three pairs switched could be 48-with-22, 32-with 41, and 55 with 60.

The following arrangement results:

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We have mentioned previously the inconsistency that two quartets of large numbers (i.e. above 28) are ~~found~~ inconsistently found in the perimeter. Again we see that these "errors" are not random, but involve adjacent numbers:

33 and 34

35 and 36

43 and 44

45 and 46

And the "lower" numbers that are inconsistently located in the inner squares are also paired:

3 and 4

17 and 18

21 and 22

27 and 28.

We note that most of these errors seem to be located in the Chen row

Chen: ~~25~~ 33 * 3 27 * 21 17 *

The numbers listed in the Chen row are out of place; ~~the stars indicate numbers which are logically symmetrical~~. Since the errors are paired we can say that all the errors in the inner blocks stem from the Ch'en row errors in; 3 links to 4, 17 to 18, 21 to 22 and 27 to 28. It also follows that if the low numbers (below 28) erroniously located in the Chen row were to be moved to the correct slots in the perimeter and

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the high numbers (over 28) that they displaced were moved back in the inner squares the entire array would be almost perfectly symmatrical. ~~The question~~ ~~that is the question becomes~~ ~~another~~ the IS SUGGESTED possibility ~~is~~ that the Chen row is out of place. To examine this possibility it is necessary to inquire about the rationale of listing the trigrams in the order in which they appear in the Wilhelm-Baynes text. There is no apparent reason for this ordering. Indeed, the array of trigrams is often presented as a circle with Chien and K'un on opposite sides. The listing of eight trigrams is thus arbitrary and Chien could just just as well be placed on the bottom next to Tui. The circular arrangement seems to have been favored by the ancient Chinese ~~commentators~~ court poets because it lends itself to the four compass points--a theme which is often repeated in the bizarre poetic instructions loaded on to the array. "The southwest furthers. The northeast does not further" etc. The reasons for assigning compass points to trigrams is poetic ~~loaded on to prose~~ association. "Kan" for example, is North and Li is south because the former is water, therefore "damp-cold" and the latter is "fire". Etc!

Let us, once again, cut through the layers of metaphor and consider the I Ching as a sequence of positive-negative ~~units changing over time~~ digits. (where -- = -1 and — = +1) If we calculate the arithmetic valences (IONIC) of each trigram the following values are obtained:



☰	Ch'ien	= +3	Heaven
☴	Sun	= +1	Wind-wood-seed
☲	Li	= + 1	Light
☱	Tui	= + 1	Joy-pleasure
☶	Ken	= - 1	Protection
☵	Kan	= - 1	Grasping-work
☳	Ch'en	= - 1	Movement
☷	K'un	= - 3	Earth-nourishment

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While the general trend from value -3 up to + 3 is obvious the reader might question the rationale for placing the three elements with the value -1 (Ch'en, Kan, and Ken) in this particular order. And why the elements with the value +1 (Tui, Li, and Sun) are placed in this order. The answer is that this arrangment seems to fit the spectrum of the Periodic Table. The textual reasons for this ordering will be presented in the next two sections.

It has been pointed out that the use of hexagrams is an arbitrary procedure which tends to distract from the basic meaning of the I Ching code--which is a series of 24 elements which we have just arranged in the following order: 1. --, 2. --, 3. --, 4. --, 5. --, 6. —, 7. —, 8. —, 9. --, 10. --, 11. --, 12. —, 13. —, 14. —, 15. --, 16. —, 17. --, 18. —, 19. --, 20. —, 21. —, 22. —, 23. —, 24: —.

The trigrams simply divide this basic code into three-digit words which seem to have a neurogentic meaning. The + or - elements can be considered as letters of this code and the trigram words. Grouping the 24 unit code into trigrams the following message is transmitted by the I Ching. See Table 2

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6.3 Let the I Ching Be a Neurogenetic Code Which Spells out the Eight Periods of Terrestrial-extraterrestrial Evolution

TABLE 2

Pure Energy	21	22	23
Dissemination	18	19	20
Light	15	16	17
Floating Joy	12	13	14
Protection	9	10	11
Form	6	7	8
Movement	3	4	5
Earth	0	1	2

Let this 24-letter, eight word I Ching code represent the eight periods and the 24 elements of the Periodic Table of Neurogenetic Energy which we have been discussing in this book. The meaning of the I Ching transmission then becomes:

1. Life begins passive, yin, receptive in the nourishing Earth
2. Life becomes mobile and moves upwards
3. Life grasps and manipulates and form in three dimensional space
4. Life protects and guards

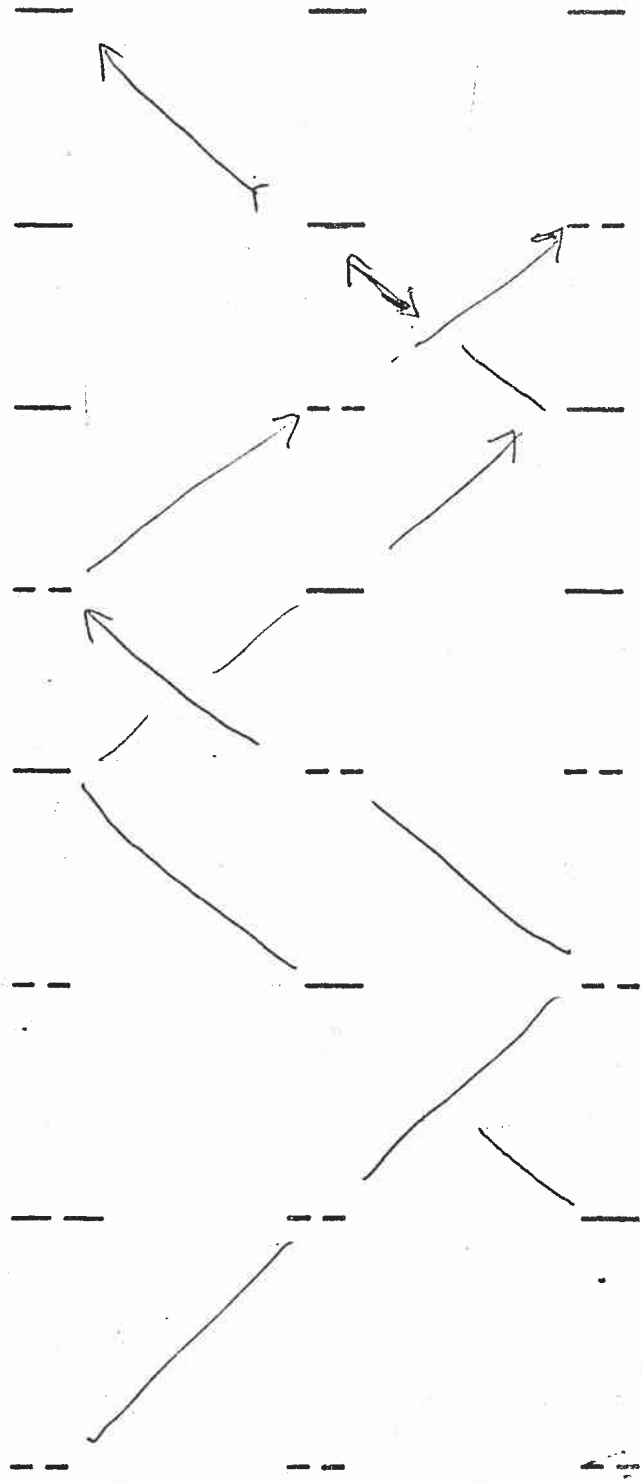
Then the polar-directions and magnetic charges switch

5. Life floats free above the earth
6. Life grasps and manipulates light, radiation, atomic energy
7. Life disseminates seed across the interstellar spaces
8. Life transcends the biological and becomes electro-magnetic gravitational energy.

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The correspondence between the I Ching and the Periodic Table of Neurogenetic Energy is as follows:

Circuit or Period	Passive-Receptive Stage	Integrating Stage	Active-Output Stage
8. Metaphysiological Ch'ien, Heaven	⚊	⚊	⚊
7. Neurogenetic Suun, Wood-wind-seed	⚊	⚊	⚋
6. Neurophysical Li, Light, brightness	⚊	⚋	⚊
5. Neurosomatic Tui, Joyous	⚋	⚊	⚊
4. Domestication Ken, Protection	⚊	⚋	⚋
3. Intellectual-Symbolic Kan, grasping-work	⚋	⚊	⚋
2. Emotional-power Chen, movement	⚋	⚋	⚊
1. Bio-survival Kun, Earth	⚋	⚋	⚋



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Examination of this correspondence array reveals two facts which offer confirmation of the fit.

We ~~have~~ shall in the following section noted ~~above~~ that there is only one way in which the I Ching units can be arranged that allows for all eight trigrams to ~~be~~ unfold with no repetitions. ~~XZXZXZXZXZXZXZXZXZXZXZXZXZXZZZZZ~~ ⚋ ⚋, ⚋ ⚋, ⚋ ⚋, ⚊⚊, ⚋ ⚋, ⚊⚊, ⚊⚊, ⚊⚊; ⚋ ⚋, ⚋ ⚋, ⚋ ⚋, etc.

We note that the first column of the Table of Correspondence follows this order.

It is also interesting to note that an ~~interwexxing~~ double helical coil of positive and negative units interweaves up through the array. We shall leave it to the geneticists to meditate on the meaning of this correspondence.

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6.4 There is a Natural Sequence to the Trigrams Which May Provide Clues for the Understanding of Other Energy Rhythms

We have seen in the preceding sections that the I Ching is basically a flow of positive and negatively charged units (ions?) which have been grouped into trigrams. The + and - digits are the letters which make up the three letter words (trigrams). The words describe the eight periods of Interstellar evolution.

The numerical characteristic of the trigram is that is defines eight such words. If the digits wer grouped into pairs then only four basic "words" would be defined. The DNA code uses such a four-fold lexicology to build the genetic blueprint. Studies of the architecture of the D.NA code are relevant here.

" The key spots...(in the DNA chain) turned out to be amino acid 21 (of the variety called 'histidine'), amino acid 14 ('lysine'), and 119 ('histidine' again).

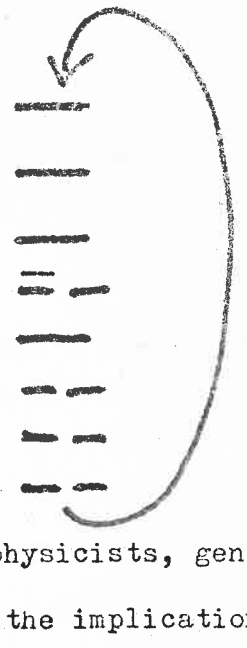
"It seems quite likely that, despite the wide separation of these three amino acids in the chain, this represents a single active site. The peptide chain is not a long, straight rod, after all, but is more like a flexible rope which can be folded in such a way in the ribonuclease molecule as to bring positions 14, 21, and 119 together. In this way a specific three-amino-acid pattern is formed." Isaac Asimov

(We note that these three numbers 14. 21, and 119 are all divisible by seven and that the seventh circuit of the Periodic Table of Energy is the Neurogenetic period.)

Next let us consider this interesting fact: there is only one order in which the eight "words" defined by trigrams can be arranged so that the trigrams unfold sequentially with no repetitions.



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Several physicists, geneticists and computer experts have Physicists confirm that been consulted as to the implications of this fact./ The individual I Ching digits (-- and —) can represent charged or ionized particles. But the meaning of this order of the units poses a problem in topological statistics that remains unsolved. Computer experts say that a binary system when grouped in trigrams conveys eight bits of information. But the computer experts have not provided an answer to the question: why this particular arrangement?

It may be that physicists and geneticists in dealing with nuclear and molecular combinations will run across the trail of this code. The point we are making--and it is the central message of this transmission is this: it may be useful to see the energy models and scientific laws not as instrumental devices for human material progress but as signals, codes which have genetic, human, social, philosophic, psychological meaning. The Periodic Table is not just a useful tool for predicting and explaining atomic and molecular events--it may be ~~the message.~~ be THE MESSAGE!

The radio-astronomers who scan the sky hoping to find symbolic messages transmitted from extra-terrestrial intelligence may be overlooking the obvious. The medium is the message. The spectroscopic analsis is itself the signal. However, one must understand what the neurogenetic meaning of the elements and elemental words are.

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Similarly, the DNA code is not just an instrumental tool for genetic engineering. It is the message. We are suggesting in this transmission that the same basic message is found in the Periodic Table of Elements and, in slower and more transitory molecular manifestations of energy that make up the various forms of visible matter including DNA chains and the bodies which transfer them and the neurons which direct the body-vehicles and the symbolic artifacts which these nervous systems design and manipulate.

We are suggesting that the message transmitted by the Periodic Table is this: energy (including life) when found on a planet evolves through eight periods (evolutionary stages) moving consistently away from it out from the planet into a free-state in interstellar space.

We have found it possible to arrange the I Ching trigrams so that they manifest this same eight-period movement from Earth to Heaven. We have suggested that the one arrangement of I Ching trigrams which allows sequential appearance of each trigram without repetition may be a basic property of trigram arrays and therefore may appear in physical and genetic data.

It is of interest that this sequence (-,-,-,+,-,+,+,+) appears in the first column of the 24 element array of the I Ching. See page ___. This first column anchors the three-by-eight array and provides additional confirmation of the stability and meaning of the Period Table of Energy.

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6.3 Let The Eight Trigrams of the I Ching Represent the Eight Neurogenetic Circuits

From the Wilhelm-Baynes edition of the I Ching come the following descriptions of the eight trigrams. The numbering of the trigrams has been changed to fit the Neurogenetic code.

Shuo Kua/ Discussion of the Trigrams

☷ K'un 1."The Receptive/means the earth. It takes care that all creatures are nourished. Therefore it is said: 'He causes them to serve one another in the sign of the Receptive" (~~Note: it is never clear who "He" is.~~?)

? bio-survival

~~Xxz"Akkxk~~ The fit between the "receptive" and Circuit One is obvious.

☳ 2. "All living things come forth in the sign of the Arousing."

Chen, (Wilhelm) "movement" the "arousing" Some

This trigram/is ~~sometimes~~ called "thunder". ~~Xk Since we are~~ texts dating to the time of the Ti and his students

~~interested in the numerical rather than the poetic meaning, and since we~~ (5th and 4th centuries B.C.) call this trigram

~~call this the~~ seek correspondence ~~xxxx~~ between the I Ching and the Periodic Table of "earthquake": "a yang line develops below two earth lines

~~Elements, we can consider re-naming this element, "earthquake". Nxxx~~ Both and presses upward forcibly."

these poetic labels suggest ~~vaguely~~ the Second Circuit notion of emerging upwards, mobility, upwards from the earth muscular strength and power. Movement ~~seems to be~~ the key theme in the Chinese texts--XXX which, of course, fits perfectly the Neurogenetic array. Other attributes assigned to Chen are, " a spreading out, a great road, decisive and vehement...among horses it signifies those which can neigh well, those which gallop...among plants it is the strong, that which grows luxuriantly."

Other attributes assigned to K'un are, "the earth, the mother. It is cloth, a kettle, it is level, it is a cow with calf, great melting pot of life, fertility, the earth carries all living things," discrimination, form

☵ 3." Kan means ~~water.~~ It is the trigram of toil, to which ~~xxx~~ all creatures are subject. Therefore it is said: 'He toils in the sign of Kan.' " "closing in" "grasping" (or grasps of forms)

Other attributes assigned to Kan are "water, ambush, bending and straightening out, bow and wheel. Among chariots it means those with many defects. It means thieves. go to reverse

by its shock causes fear and trembling

This movement is so violent that it arouses terror. It is symbolized by earthquake (~~not thund~~ (inaccurately translated as thunder) which bursts forth from the earth

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The total corruption of the neurogenetic meaning of this trigram by poetic metaphors has ~~changed~~ produced the inaccurate meaning of "abyss" and "water." ~~The basic meaning~~ It is instructive to see how the numerical code meaning has been altered. The basic sense of this trigram is "form" or "grasping." The two yin lines surround, seize the middle yang line. ☵. Poets then add that The yang line is ~~The~~ "closed in by them like water in a ravine." The image "water" thus gratuitously attached to the trigram, is strengthened by the fact that the Chinese character for this trigram looks like the word for "water"! The idea of water naturally led paranoia fortune-tellers to add the notion, 'danger,' "a bysmal" etc. The English equivalent of this poetic absurdity would be to take the equation Energy = mc² and translate mc as messiah Christ and 2 as the Second Coming which over the centuries is corrupted to ~~a~~ the symbol of Baptism which produces the Equation: E = Holy-Water! Etc.

The original meaning of this trigram is a Hittedinal

forming, grasping, seizing, ~~fighting by hand~~ the notions of work manipulation and success had already been added to ~~this one~~ the element by the time of King Wen, 1150 B.C. "If you work (diligently, sincerely, & scrupulously) you will succeed." [illegible]

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4. "Keeping Still, Ken, is the beginning and end of all creatures is completed." Therefore, it is said: 'He brings them to perfection in the sign of Keeping Still.'" (where the idea of parental impregnation is associated)

"Here, in the seed, in the deep-hidden stillness, the end of everything is joined to a new beginning. Death and life, dying and resurrection--these are the thoughts awakened by the transition from the old to the new."

"Keeping Still is the mountain; it is a bypath; doors and openings; fruits and seeds; enuchs and watchmen. Fruits and seeds are the link between the end and thebeginning of plants. Enuchs are door-keepers and watchmen protect and watch."

It will be seen that all the elements of Circuit 4 are mentioned in these ancient commentaries. Circuit 4 is the final earthly phase; both the end of terrestrial evolution and the beginning of extra-terrestrial. The seed-theme ties in the impregnation-domestication functions of this stage. The notion of protection and guarding--is the essence of domestication.

5. "The Joyous/Tui, rejoices all creatures. Therefore it issaid: 'He gives them joy in the sign of the Joyous." The Joyous has been labelled as Lake; it is a sorceress. It means smashing and breaking apart; it means dropping off and breaking open. It is the concubine; the dropping off and bursting open of ripe fruits."

This I Ching element clearly fits the Neurogenetic Ciruit 5 themes--blossoming and resurrection of the body, somatic rapture, eros, dropping away from terrestrial gravity, hedonic receptioh.

6. "Li is the brightness in which all creatures perceive one another. That the holy sages turned their faces to the south while they gave ear to the meaning of the universe means that in ruling they turned towards what is light, Li stands for nature in its radiance. the function of light

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"Li is fire, the sun, lightning." This I Ching element is unmistakeably correspondent with the Neurophysical circuit of the Neurogenetic model.

7. "They come to completion in the sign of the Penetrating Wood-wind (trigram Sun). Completion means that all creatures become pure and perfect. The Gentle is wood, wind, dissemination of seed." Sun is the only I Ching trigram which is associated with seed and living things. The notion of windy, aerial dissemination of organic life fits the Neurogenetic correspondence.

8. "The Creative, Ch'ien, is Heaven." "The primal power or energy. Its image is heaven. Its energy is represented as unrestricted by any fixed condition in space and is therefore conceived of as motion. Time is regarded as the basis of this motion."

From this brief summary of the characteristics assigned to the trigrams it can be seen that the I Ching can fit the model of the Periodic Table of Energy and can be interpreted as a binary code of twenty-four digits which combine into eight trigram-words which hieroglyphically describe the four attitudes of evolving terrestrial life--

1. nurtured in Earth
2. moving upward
3. grasping-manipulating-forming
4. protecting

and then transforming into the four periods of extra-terrestrial existence--

5. somatic floating
6. radiating
7. disseminating
8. attaining the metaphysiological extraterrestrial state where Time is no longer a hinderance but the means of making simultaneous what was potential.

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Terra II, outlines a plan for the migration of 5000 persons in a Starship designed to travel to the center of the galaxy to contact Higher Intelligence forms as directed by Tarot II.

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Terra I is a legal brief which moves for protection of individual rights to move freely on the planet secure from the threat of illegal government intefvention.

These five texts are available from Starseed, 531 Pacific San Francisco, Ca., 94133

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