

Volume 11, Number 2

Second Quarter 1995

BORDERLANDS

A Quarterly Journal of Borderland Research



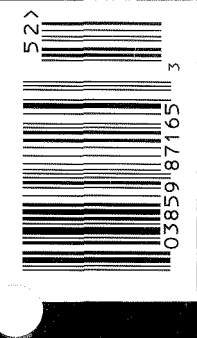
Hot Fusion in the 1960s

Mars - Redhead Connection Part 2

Bar Codes: The Mark of the Beast

UFO Mind Games

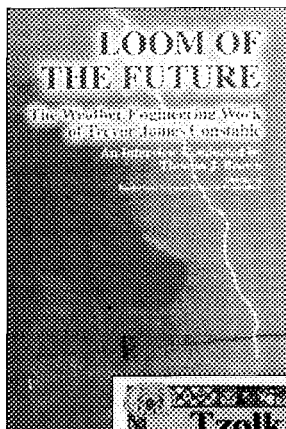
INVENTOR
PHILO T. FARNSWORTH
(1911-1992)
ATTORNEYS



| | |
|-------|--------|
| US | \$6.95 |
| CAN | \$7.95 |
| UK | £4.50 |
| NZ | \$7.95 |
| AUS | \$7.95 |
| JAPAN | ¥695 |

THE FARNSWORTH FUSOR

ADVANCED KNOWLEDGE FROM BORDERLANDS



LOOM OF THE FUTURE

The Weather Engineering Work of
Trevor James Constable

An interview conducted by Thomas J. Brown

Groundbreaking exposé of Constable's pioneering work in Etheric Weather Engineering and Smog Reduction. Interview/photo album format, with 150 photos describing the evolution of Trevor's biogeometric instruments. This book will fill you with awe at the tremendous potential of a humanity capable of comprehending the purpose and function of the Etheric Life Energy.

#B0316, 148pp, paperback, illustrated w/color photos . . . **\$18.95**



TZOLKIN

VISIONARY PERSPECTIVES & CALENDAR STUDIES

John Major Jenkins

A visionary journey into the heart of an ancient oracle. Both the academic and mystical view-points of the Mayan *Tzolkin* Calendar are explored. The Sacred Calendar of Meso-america is more than a calendar — *more than we may ever realize!* Prepare for a voyage to the heart of the Sacred Tree... Our path to the stars. Prepare to enter the mysterious borderland between night and day.

#B0312, 346pp, paperback ... **\$13.95**

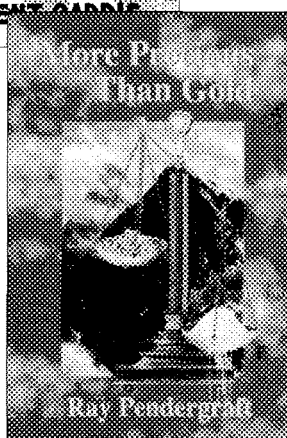


MYSTERIOUS FIRES & LIGHTS

Vincent Gaddis

Strange conflagrations that have destroyed entire cities... The antics of lethal lightning and intelligent fireballs... Living UFOs, shining fish of the atmospheric sea... Will-o'-the-wisps and ghost lights... Houses that set themselves on fire... Fiery poltergeists, firewalkers and salamanders... Spontaneous human combustion and supernatural arson... The extraordinary electrodynamic nature of human beings... & many more amazing facts...

#B0252, 178pp, paperback ... **\$11.95**



MORE PRECIOUS THAN GOLD

Ray Pendergraft

This is the fascinating history of a unique clay with life-positive properties. Native Americans named it **EE-WAH-KEE** — *The Earth That Heals*. Found only in Wyoming's Big Horn Mountains, Pascalite is super rich in organically assimilable minerals and trace elements. It has many uses in promoting health in plants, animals & humans. A compelling story, relating the adventures of the Pendergrafts, whose eventful lives have become totally intertwined with the continuing saga of Pascalite.

#B0313, 352pp, paperback . . . **\$13.95**

BORDERLANDS, PO Box 220 BAYSIDE, CALIFORNIA 95524 USA

PHONE ORDERS: (707) 825-7733 FAX: (707) 825-7779

Volume LI, Number 2

Second Quarter 1995

BORDERLANDS

A Quarterly Journal of Borderland Research

Michael Theroux
Editor in Chief

Consulting Editors

Trevor James Constable, Alison Davidson,
Vincent Gaddis, Peter Lindemann,
Jorge Resines, Gerry Vassilatos

Thomas J. Brown
Editor Emeritus



page 6



page 14



page 30

FEATURES

COVER STORY

THE FARNSWORTH FUSOR • 6

THE MOST NOTABLY FORGOTTEN EPISODE IN "HOT" FUSION HISTORY
by Gerry Vassilatos

BARCODES: "MARK OF THE BEAST" • 14

by Peter Lindemann with Ajna Luminaria

THE MARS REDHEAD LINK II: • 19

MARS DISTRIBUTION PATTERNS IN REDHEAD POPULATIONS — PART 2
by Judith A. Hill

UFO MIND GAMES • 30

by Eugenia Macer-Story

REVERSING THE AGING PROCESS • 41

by Dr. G. K. Knowlton

ON PROPHETS AND PROPHECIES • 45

by Jorge Resines

COLUMNS

THE GEOLOGICAL COLUMN • 26

by Thomas J. Brown

DEPARTMENTS

VIEW FROM THE BORDERLANDS • 2

CLIPS, QUOTES, AND COMMENTS • 3

BOOK REVIEWS • 42

BORDERLANDS

*A Quarterly Journal of
Borderland Research*

BORDERLANDS is the quarterly research publication of Borderland Sciences Research Foundation. Contents © 1995 by BSRF. Individual articles are © 1995 by the authors. All Rights Reserved. No part of this book may be reproduced in any manner whatsoever without written permission from the publisher, except by writers who may quote brief passages to be reprinted for review or reference. Please write to the publisher concerning requests to make use of any of the materials published in this journal, or contact the authors directly.

Borderland Sciences Research Foundation was founded by Meade Layne in 1945 for the purpose of investigating into realms normally beyond the range of basic human perception and physical measurement.

BORDERLANDS originated as Meade Layne's **Round Robin** in 1945 and was changed to **The Journal of Borderland Research** in 1959, finally becoming BORDERLANDS in 1992. BORDERLANDS is an information nexus for thinkers and doers on the frontiers of science and awareness.

BORDERLANDS is available by subscription for \$25 a year, worldwide. Single issue newstand price: **US\$6.95** unless otherwise marked.

Subscription inquiries and address changes should be sent to our business office: BORDERLANDS, P.O. Box 220, Bayside, California 95524 USA. Phone: (707) 825-7733 or FAX: (707) 825-7779.

All article submissions and correspondence should be sent to: The Editor, BORDERLANDS, P. O. Box 220, Bayside, California 95524 USA.

For display or classified advertising write to the Editor at the above address for current rates.

BORDERLANDS can be reached on the Internet: Send E-mail to bsrf@northcoast.com — [ftp northcoast.com](ftp://northcoast.com) — or by modem, call the BORDERLANDS BBS at (707) 825-7739.

All published materials are presented for Informational and Research purposes only. Authors are solely responsible for the information and opinions they present. This material is not to be construed as expert opinion or medical advice, it is research into the **Borderlands...**



VIEW FROM THE BORDERLANDS

BSRF on the Internet

Well, we've finally settled in at our new location. Now that we are out of the dark, secluded forest, and in a slightly more comfortable office situation right downtown, we have the ability to communicate with greater ease and flexibility. The first step toward this was to set up BSRF on the Internet. Now, if you want to send us letters, submission ideas, odd pieces of information, or anything else you may find worthy of our attention, you can E-mail us on the net. Our Internet address is: bsrf@northcoast.com — and this is also much faster than regular mail.

Although the Borderlands BBS is still in operation, we decided to set up an ftp site on the Internet as well. Here you can access much of the BSRF Archives (text files that have appeared in previous issues) and the current electronic issue of BORDERLANDS. You can download all of this to your own computer, and/or upload entire articles to us without the charges of long-distance to the BBS. This does not make the BBS obsolete as there is still an active exchange between researchers from across the globe, but it may mean less activity.

To get to our ftp site: [ftp northcoast.com](ftp://northcoast.com) login: anonymous cd pub/bsrf
The World Wide Web is the next step — we'll keep you posted.

Although this is a fairly small publication (we will be increasing the number of pages soon) it is once again packed with extraordinary information.

Gerry Vassilatos takes a brief departure from the realms of the Eidetic to bring us the **Farnsworth Fusor** — Yes, fusion was alive in the early sixties!

Part 2 of Judith Hill's **Mars/Redhead Link** article should really fill in the gaps where the first part left off, and hers is some of the finest work in the scientific validation of astrology.

Peter Lindemann will be back with his column *Fizix Korner* in future issues, but here we feature his article, **Barcodes: The Mark of the Beast** as it is an excellent piece of research into the nature of the radionic toxicity of the ever-present product barcode.

Tom Brown, a name well known to Borderlanders, gives us the first article in an ongoing series entitled **The Geological Column**. Tom has a keen interest in geological anomalies and presents us with his valuable insights in this issue's column, *Weird Rocks of New Zealand's West Coast*.

Read on. Eugenia Macer-Story entertains us with **UFO Mind Games**, a thoroughly researched and most incredible ride from black helicopters to mind control, UFOs, and even Aleister Crowley.

There's more, but we'll let you dig in now. Do stay tuned as the Third Quarter promises to be equally exciting — with a few surprises!

Michael Theroux
Editor

Clips, Quotes, & Comments

Geocentric Debate Continues

I would like to submit "another ether perspective" as a possible solution, suggested by ether-theory, to the theoretical problem raised by Gerry Vassilatos in "Eidetic Geocentrism."

He asked, why don't we "feel" earth's rotational angular displacement in space? He argues that our not sensing this appears to be a key inconsistency of quantitative inertial theory.

His analysis is based on standard quantum concepts. Standard quantum theory holds that quantum-order-particle forces are determinative in the universe. In this standard cosmology, optically-visible quantum light forces are considered to be a central parameter of both universal forces and human sensations in general.

But what if the actual, elemental, determinative forces of the universe, and the forces mediated and sensed in Nature, are much more rarefied, etheric, and yet-undefined?

In a universal-ether model, our atoms would ultimately comprise etheric units, or etherons. Quantum-order particles and quantum forces like the photon particle of visible light would be merely one more (from a deterministic viewpoint, unimportant) gradational aggregative particle composed of much-more-rarefied etheric particles. There would exist a dynamic continuum between the energetic ether of material bodies like humans and the earth, and the contiguous ether of space. How a succession of ether-gradients interact would constitute the actual deterministic schema - not our visual-interpretive processes.

In this schema, our bodies are ultimately made of simple energetic etherons possessing (like the known larger energy units) spin and magnetic polarity, and they would be capable of resonating, via wave effects in the ether, in an elemental, pure, way, with other etheric (determinative, universal) forces. The etherons comprising our bodies would resonate most strongly, by far, with each other, because of their close

proximity. That would be how we keep our atomic and physical structure. But they also would resonate partially with outside etheric ("auric") forces. These external forces are not nearly as strong as their mutual resonance within their body, but of the outside forces, earth's forces would be overwhelmingly the greatest. In this schema, our elemental etheric external-spatial orientation is entirely toward earth. Forces from space would be vastly more distant and insignificant compared to earth's.

So our spatial-displacement orientation would be overwhelmingly toward earth; with respect to outer space, would constitute a macrocosmic-scale step-down-gradient. In terms of our elemental sensations, earth's movements in space would not be felt at all by us.

— *Michael Baran, Brockton, Massachusetts*

Gerry's Reply

Æther, as defined by Late Victorian Science, was nothing more than a gaseous and permeating atmosphere. Though dynamic and possessed of exceptionally great mean free velocities, æther gas was not considered a formative force by any means. Therefore, I discount all quantum interpretations of reality completely, seeing that these are based primarily on gas dynamic concepts. Reality, perception, and experience therefore rely on far deeper fundamentals which permeate even the ætheric atmosphere.

What I have found corroborates the discoveries and definitions of the early Victorian Science which was entirely qualitative in scope and method. This qualitative approach empowered investigators with the singular privilege and right to affirm their intuitions, impressions ... visions ... as well as their physical senses during experimental practice. This being the case, this being the approved scientific consortium of the day, several remarkable scientific expansions occurred.

The lifting of sense bans by academicians effectively increasing and extending

scientific perception beyond the quantitative bounds, early Victorian Scientists began re-establishing lost connections in their own subjective experience. In this climate, a new re-awakening brought fresh perspective on lost scientific foundations. Reichenbach, a notable professional of the highest scientific calibre, sought understanding of quasi-metaphysical realities. His quest led to the realization that semi-sensate experiences were actually based on a previously well-known energy and energetic stratum which he termed "Odyll", or "Od".

While his investigations carefully noted the wonderful luminescent phenomena associated with matter in general, Baron von Reichenbach had yet not penetrated the lost and more arcane science sufficiently to recognize the true and Absolute Foundation. Science of his day scarcely recognized what he had achieved, let alone permit him the courtesy of beginning with better foundations.

Had Baron von Reichenbach begun on more ancient foundations he would have realized that even Odyll is a manifestation of a far deeper and more structured reality. Ætherists make vague attempts at explaining the appearance and sustenance of forms by ætheric formative influence. This contradiction has not previously been corrected. Æther and Odyll are both gaseous emanations, incapable of forming or sustaining anything beyond a roiling chaos. Therefore, we must divest ourselves of all ætheric notions when reality, experience, and perception are to be considered. If the æther were not a permeating atmosphere, it would have destroyed all the forms which presently exist.

No then. There must be a far more fundamental substratum ... an infrastructure ... of superlative and distinct quality. The answer was found in subjective experience itself. The innermost intuitions, ideations, impressions, emotions, visions, and revelations proceed from a foundation which is Absolute and Ancient. Perception must include these as well as the five senses, seeing that all of these experiences constitute the human experience. No one of these is to be rejected in constructing a more "academically approved" science. Therefore, experience is taken as a whole, not leaving out any of the experience. Observation must necessarily include ALL of subjective experience ... or none of what we



BOOKS From

BORDERLAND SCIENCES

Call w/ Visa/MC, or order from
your favorite book store

- LOOM OF THE FUTURE #B0316 \$18.95 _____
The Weather Engineering Work of Trevor James Constable.
- MORE PRECIOUS THAN GOLD #B0313 \$13.95 _____
by Ray Pendergraft. All about Pascalite clay.
- MYSTERIOUS FIRES & LIGHTS #B0252 \$11.95 _____
by Vincent Gaddis. Spontaneous Human Combustion and more.
- NATIVE AMERICAN MYTHS & MYSTERIES
by V. Gaddis. #B0126 \$12.95 _____
- GOLD RUSH GHOSTS #B0094 \$9.95 _____
by Nancy Bradley & Vincent Gaddis.
- TZOLKIN #B0312 \$13.95 _____
by John Major Jenkins. Mayan Calendar Studies.
- THE KAHUNA RELIGION OF HAWAII
by David Kaonohiokala Bray. #B0096 \$6.95 _____
- THE AMAZING SECRETS of the Masters of the Far East
by Victor Simon Ferrara. #B0003 \$8.95 _____
- THE EYE OF REVELATION #B0093 \$3.95 _____
by Peter Kelder. The Original Five Rites of Rejuvenation.
- THE FIVE RITES OF REJUVENATION VIDEO
Exercise video. #V0034 \$19.95 _____
- THE COSMIC PULSE OF LIFE #B0095 \$24.95 _____
by Trevor James Constable. Biological Power of UFO's.
- ETHERIC WEATHER ENGINEERING On the High Seas
by Trevor James Constable. #V0043 \$19.95 _____
- METAL POWER #B0125 \$8.95 _____
by A. Davidson. Modern Alchemy.
- THE METAL-PLANET RELATIONSHIP #B0253 \$12.95 _____
by Nick Kollerstrom. Experiments with metals/planets.
- MY SEARCH FOR RADIONIC TRUTHS #B0090 \$9.95 _____
by R. Murray Denning. Radionics w/historical info.
- THE LAKHOVSKY MWO HANDBOOK #B0092 \$17.95 _____
Compiled by Thomas J. Brown. Multiple Wave Oscillators.

Add up book prices: SUBTOTAL \$ _____
 CALIFORNIA RESIDENTS add TAX (7 1/4%) \$ _____
 P&H: \$2.75/first book, \$1/each Add'l
 For Foreign orders: x2/surface, x4/airmail \$ _____
 TOTAL ENCLOSED (Check, Money Order, Visa/MC) \$ _____


NAME _____ DATE _____
 ADDRESS _____
 CITY _____
 STATE/COUNTRY _____ POST CODE _____
 PHONE # _____
 (Phone number required for all credit card orders)
 CREDIT CARD # _____ EXP _____
 SIGNATURE _____ DATE _____

Make all checks payable to Borderland Sciences

PHONE 707-825-7733

OR FAX 707-825-7779

YOUR CREDIT CARD ORDER

 Call for FREE Catalog



**BORDERLAND SCIENCES
RESEARCH FOUNDATION**

P.O. BOX 220

BAYSIDE, CALIFORNIA, 95524 USA

BORDERLANDS CQC

count in our observations can be truly considered as valid. Quantitative science has established a false criterion by placing arbitrary bounds on "senses permitted" and "senses prohibited".

Subjective Experience teaches us that space is not a vacuum. Experiential Space is not empty, but is dynamic, active, living, being possessed of creativity. A problem which sense restrictions placed on scientific observers was the erroneous notion of "outside experience" and "inner experience". Yet another arbitrary quantitative restriction of our normal and full experience in space, there are no such bounds.

What we experience within has actually reached us from without. When we experience dreams, ideations, impressions, or visionary processions, we receive them... from currents in space. These currents are the EIDETIC CURRENTS of which I speak, and which form the basis of my scientific developments. Eidetic currents have been mapped and charted. Ancients called these "les woivres", the "waverers". Medieval geomancers called the eidetic currents by a single term: VRIL.

Eidetic Currents are not gaseous. Eidetic Currents are not particulate in nature. They are wholes, they are solids. Furthermore, our own being is thoroughly rooted in this eidetic threadwork. The human aura is a participatory personal extension of the eidetic world. The aura is thready, not particulate or gaseous. The aura is our being, identity, and perception. The aura permits experience... the communion within the original whole-worlds. This recognition poses severe strain on the quantitative sciences, seeing that a fundamental world-solidity pre-exists all the gaseous manifestations. Eidetic experience represents to us the real and Absolute world reality.

Eidetic experience produces a world view which conforms with ancient natural philosophy, and explains the seemingly inconsistent claims of ancient cosmogony. All ancient sciences were based on eidetic world experience, describing an absolute foundation of eternal, crystalline and radiant perfection. A new study of the Platonic concept of EIDOLA and subjective perception will reveal an astonishing consistency

with our own reiterations.

When I describe reality, I am forced to first consider eidetic world form. How my sense perceptions are distorted and warped by the resistance of inertial space compose the "experiential problem". Whole eidetic experience reveals worlds glimpsed by a few. It is the aim of eidetic technology to bring such experiences to those whose sensations have been dulled and deadened by excessive inertifications.

Aura is not an emanation lacking form. More precisely, the aura is not a gaseous emanation of æther. Aura is a thready structure having distinct anatomy and composite layers of great definition. Aura is not that diffusive gas which Reichenbach called Odyl. Aura evidences complex patterns which leave distinct traces in sensitive materials.

Auric patterns have been captured in several kinds of photographic processes. Chemical telegraphy, a lost technology, provided some of the sensitive chemical solutions by which VRIL patterns have been preserved. In a series of experiments I have shown that ground entuned VRIL patterns actually manifest repetitive orders of form throughout the day, week, and month. These prints will be made available in a forthcoming article entitled "Eidography".

While these photographic prints preserve the patterns made by environmental aura (VRIL), we have the testimony of legendary radionists who captured anatomical horizons with special tuners and projectors (Drown, DeLaWarr). These shadowgraphs indicate that auric patterns, the physiological infrastructure, actually sustain physiology and physiological states of vitality. Therefore, the aura is a detailed structure whose forms evidence persistence and continuity through time. Gaseous attributes do not apply to this thready, highly defined auric anatomy. Again, we find a discrepancy between atomic and eidic descriptions at these levels of reality.

Quantum physicists study the artificial horizons which represent our own auric interface with inertial space. This arbitrary zone set by quantitative analysts, is a space replete with dynamics which exceed ultra

microscopic analysis. Ultra microscopic examinations of matter reveal a "roiling quantum sea" in which patterns emerge and disappear in a statistical neutrality. Quantum descriptions fail to recognize the greater patterns which emerge in such action horizons: the auric patterns.

Auric patterns translate subjective experience well beyond the mere gaseous froth on which quantum science so fixates its vision. Qualitative experience recognizes that the gaseous froth is a by-product of a more solid reality whose permeating and commanding presence actually cavitates inertial space. What quantum science studies is the ultra microscopic "detritus" which is created all throughout the spaces where aura permeates inertial space. To study these frothy disturbances at the expense of recognizing the greater permeations is a great frustration.

Emerging signals which are the causative agencies of the "quantum froth" are not composed of particles, being continuous eidetic images. The information contained in these permeating and suffusive images translates percipients into a far deeper space than the quantum sea. Indeed, one recognizes that the quantum sea is actually a by-product of these far deeper EIDETIC foundations.

While it is difficult to begin a formal and complete treatment of my many thoughts in these fascinating areas of research, I will leave this to a future article. I nevertheless leave you...

— Gerry Vassilatos, Staten Island, New York

Elena's Tomb!

I am interested in a photograph that appears on the back cover of BORDERLANDS, 1st Quarter, 1995. The photo is about Karl Tanzler Von Cosel's, "The Secret of Elena's Tomb".

Would you have any further information on the photo? Would it be possible to provide a copy of the article that is mentioned in the photo?

— Charles Swiecionis, Buffalo, NY

Sorry, but we do not have that issue of FANTASTICADVENTURES. If anyone has further info on Von Cosel's experiments, please let us know.

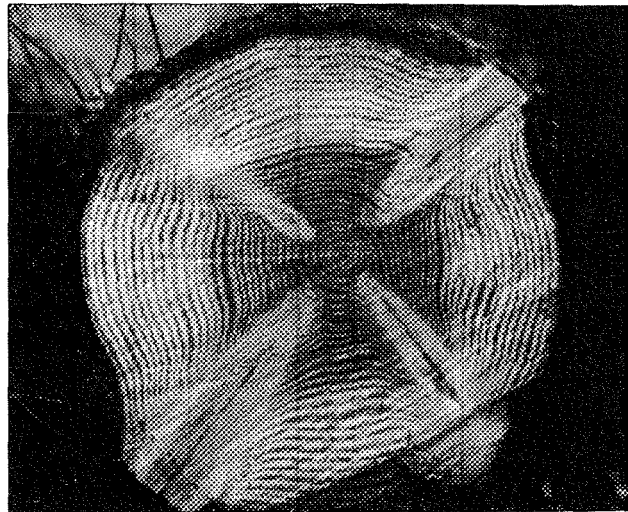


Photo submitted by Alex Pepper

This Greek Cross was uncovered after sawing a large redwood tree in half. The tree had fallen during one of Humboldt County California's notorious winter storms. Also worthy of note in our own Humboldt County...



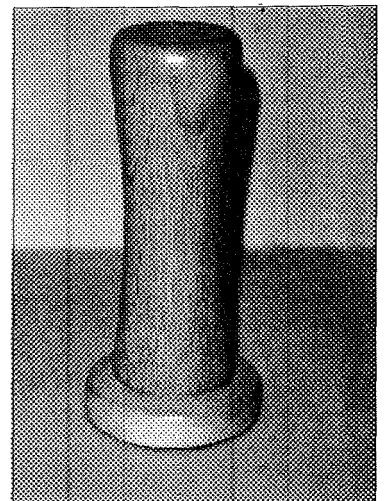
Bigfoot Spotted in Southern Humboldt

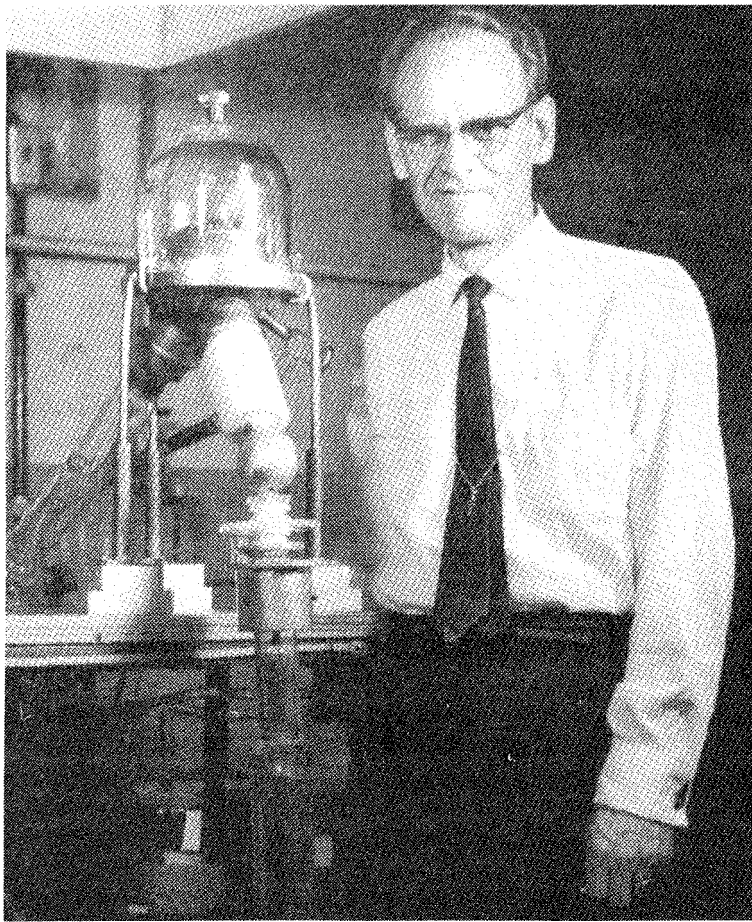
Humboldt County is widely known to researchers on the trail of the elusive "Bigfoot" as a hot spot for sightings of the creature. Within the last year, there have been several sightings and even one by a Caltrans worker in the early hours of the morning. This one was especially interesting as the man from Caltrans said that he saw the creature walking across the road — and then it stopped right in front of him and stared at him before disappearing into the brush.

These sightings have brought the attention of Don LeBars, a 21-year veteran of Bigfoot hunting from Jacksonville, Oregon, to Southern Humboldt County. LeBars' explanation for the creature's elusiveness seems no better than one given by the State Department of Parks and Recreation who claim the creatures being seen are only bears. If they had only read Jim Brandon's *Rebirth of Pan*, they might have a different point of view.

The device on the right is the BIO-POWER Energy Accumulator manufactured by Robert Fergen. It is a small orgone shooter made of wood turned on a lathe, and the inside features several layers of cork and steel wool. Robert was kind enough to send one to us for testing, and the initial results were quite impressive.

If you would like to obtain one of these finely crafted accumulators for research, contact Mr. Fergen at AAAPSCO, 3592 Main St., Lemon Grove, California 91945 or call (619) 460-1020 FAX: (619) 460-1021.



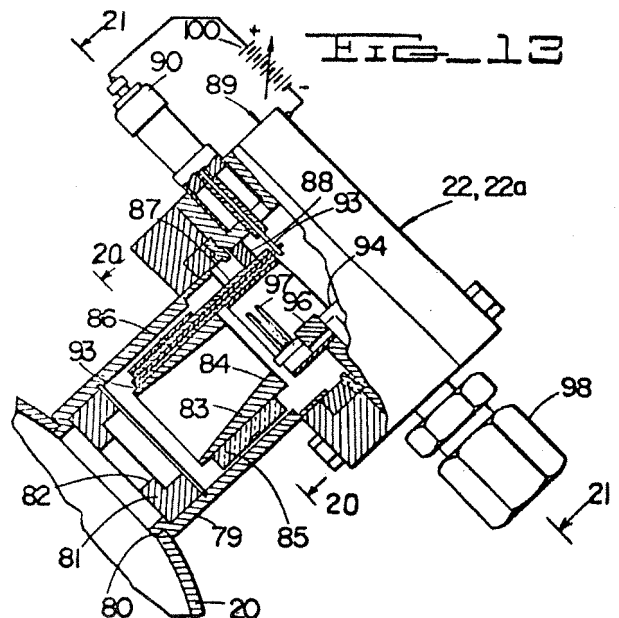


Hot fusion was the cold war quest. Besides the space race, fusion was the socio-scientific dream. The loss of hope ... the loss of myth ... in this massive social project produced a brooding meditation among engineers who were devoted to its fulfillment. For the better part of twenty years there were billions of dollars spent for fusion research ... seemingly in vain.

THE FARNSWORTH FUSOR

THE MOST NOTABLY
FORGOTTEN EPISODE
IN "HOT" FUSION
HISTORY

by
Gerry Vassilatos



A recent excellent article by Lawrence Forsley recounted each major step in the history of "hot fusion" projects. The account depicts the arduous pursuit of hopeful and brilliant personnel chasing after a prize which never appeared. This chapter in technological history left most scientific researchers with a sense of silent despair. Exploration of this inward sense of loss was an emotional item which few actually and honestly addressed. Yet the projects rolled on.

Hot fusion was THE cold war quest. Besides the space race, FUSION was the socio-scientific dream. The loss of hope ... the loss of myth ... in this massive social project produced a brooding meditation among engineers who were devoted to its fulfillment. For the better part of twenty years there were billions of dollars spent for fusion research ... seemingly in vain.

Each lost social dream becomes social malaise. Wars develop when social myths are deferred. The synthetic manufacture of new and continual myths replaces the hope deferred. Governments and regulators sponsor such alternative myths continually. The gross funding of new fusion projects represents a means for maintaining public morale at a very subliminal level.

The prize-elusive was replaced by countless journals, articles, and texts ... as if so much paper would fulfill the absence of the Grail. This general sense of misdirection among most physicists was balanced by a furious return to the chalkboards and publishing houses. The dream deferred became mere talk and analysis. Theoreticians, at least, found continual employment.

Shelves of once optimistic theoretical works on fusion were suddenly flooded over with equally optimistic and authoritarian apologetics. These inflated works proclaimed the "way out" through newer magnetic containment systems.

While most project personnel simply dissociated themselves from the race for controlled fusion, others (foolishly) raised their broken swords higher and "challenged nature to achieve where all others failed". This of course meant that grant monies were to be sought again ... despite the generally accepted hopelessness of the quest. Fusion researchers were trapped, like some modern Tantalus ... in magnetic containment.

MAGNETIC CONTAINMENT

The tragedy of each magnetic containment device lay chiefly in the theoretical promise which always failed. The hope deferred seemed to flood each separate project not long after a particular device was constructed. One usually knew after the very first trial what the end would be ... and how soon it would come.

In methodic succession, and after several billion dollars were spent, it became apparent that the magnetic containment systems would not succeed at all. Mercurial and elusive, certain designers attempted to "steal the secret" despite the natural odds: to fight with Nature and wrestle from her jealous hands the guarded gold. Not one imagined that perhaps their method was the wrong one ... that Nature would not let go of her gold because the suitors were behaving like barbarians.

The need for the gigantic was also a feature of these projects. No units smaller than a gymnasium could meet the theoretical need. Somehow both the theoreticians and project designers believed the delusion that size and symmetry would "make the difference" in magnetic systems. Always the secret hope was held that "this one might do it". Small laboratory devices produced unstable plasmas

because they were small. Larger devices should produce more crushing power ... like building an ever larger press to squeeze a lightning bolt.

Many project designers simply failed to promise a fusion achievement altogether from the outset ... preferring to maintain the "safe ground" of plasma analysis. The ancillary projects (instability analysis, arc analysis, plasma contamination, plasma diagnostics) made their appearance ... a flood of "studies" ... but no reactor. Grant money was poured into "plasma analytic methodologies" and almost dominated the scene where working fusion reactors should have stood.

P. Kapitza studied ball lightning phenomena with a remarkably open mind when few academicians would not even dare touch the topic at all. S. Ulam also studied reports of the accidental formation of plasmoids among submarine generators and arc switching devices. Others studied the piezoelectric formation of plasmoids in rock fractures. Thorough research on Tesla Technology (and Tesla's means for generating plasmoids at will) seemed to open doorways toward new possibilities.

M. Theroux developed a special Tesla transformer which actually projected small aerial plasmoids ... and could repeat the performance. The Air Force funded a much larger project toward this end (R. Golka). Each was looking for the answer in a new realm. And this was the precise answer ... to look elsewhere for that which intuition envisions.

Intuition craves confirmation however. Too few of these "new view" researchers were actually familiar with the archives of both natural and laboratory anomalies. No one remembers what has already been achieved in isolated laboratories. Very often a chance occurrence, however subtle, gives the new direction to the world. New hydrogen energy, you will remember, was observed by several qualified persons in diverse places. Had these records been forgotten, perhaps the new revolution might never have been forged.

Were the hot fusionists true and ardent students of the stored periodical treasurehouse they too would not have simply written more superficial papers on their views. They would have known what to do to achieve the prize itself, for the answer was there ... in a group of patents some twenty five years old which should have been known by all of them collectively. Perhaps they would have found their way back to the forgotten mines ... but then came Tokamak.

When the Tokamak rose in the east, it seemed to offer the brightest new morning of life for fusion research. Many stole away to steal the secret of its fire. But even the Tokamak failed to deliver the immediacy of its promised prize. So deeply resentful were many researchers after the postponement of immediate success that few would even believe that the goal could be reached at all.

It is not unreasonable (given the emotional infra-structure of fusion research) that science had become first melancholy and then sanguine in all its subsequent discussions of controlled nuclear fusion. The topic represents (to the crusaders) a major dragon left undefeated. Most would rather forget the dream and all knowledge of it.

Forgotten knowledge was the main problem. Even before magnetic containment was attempted, there was a simpler answer to the particle containment problem. In his closing paragraphs Dr. Forsley asks that we imagine the truths which were lost throughout

this disappointing period in venture-technology.

An answer had been recorded into the scientific ledgers already which would have spared these valiant workers much time, money, and disappointment. Forgotten knowledge started all the researchers off in the wrong direction from the start.

FORGOTTEN KNOWLEDGE

Unexpected devices of great import emerge from very old patent registers and periodicals. These developments span two hundred years of astounding technological progress, and chronicle our epistemological progress as a civilization. The literary treasure house of this time period contains incredible discoveries which remain yet unrecognized, unevaluated, and forgotten.

Despite this fact, many academicians are overly confident that "old knowledge" has been thoroughly comprehended and admixed into contemporary theory and is, therefore, expendable. This view is inwardly believed to such a degree that old texts are methodically being gathered into "annex" warehouses. These treasures are then permitted to decay and are (gradually) eliminated.

This shockingly repugnant pride is the very opposite of scientific sensibility. This mindset is counter-productive and totally self-destructive. Each new unexpected discovery comes as a sharp rebuke to those who remain unenlightened concerning the past. Old texts preserve forgotten thoughts ... not disproven thoughts. Researchers have committed their often anomalous and disquieting observations and findings to the journals and texts. It is traditional practice that what cannot be now explained must be treasured, pondered, and comprehended for some future purpose. Discovery and anomaly are rare gifts which must be honored and preserved until understood.

The scientific historian methodically searches out catalogues of forgotten phenomena by thorough examination of old periodicals, texts, and patent files. The retrieval of old and forgotten observations, discoveries, scientific anecdotal records, and rare natural phenomena provide the intellectual dimension desperately needed by modern researchers who work in a vacuum of dogma. It is astounding to find the volumes of rare and anomalous phenomena-lists and laboratory anecdotes made by credible and qualified Victorian researchers throughout older volumes of *Nature Magazine* and *The Electrician* (c.1890).

The retrieval of inventions, designs, and other applications reveal repeatable phenomena "in application" which demand re-evaluation of tenaciously held theoretical models. The trained researcher identifies, distinguishes, and secures those particular forgotten discoveries which violate contemporarily held theoretical models. The aim of this research is new knowledge through re-evaluation.

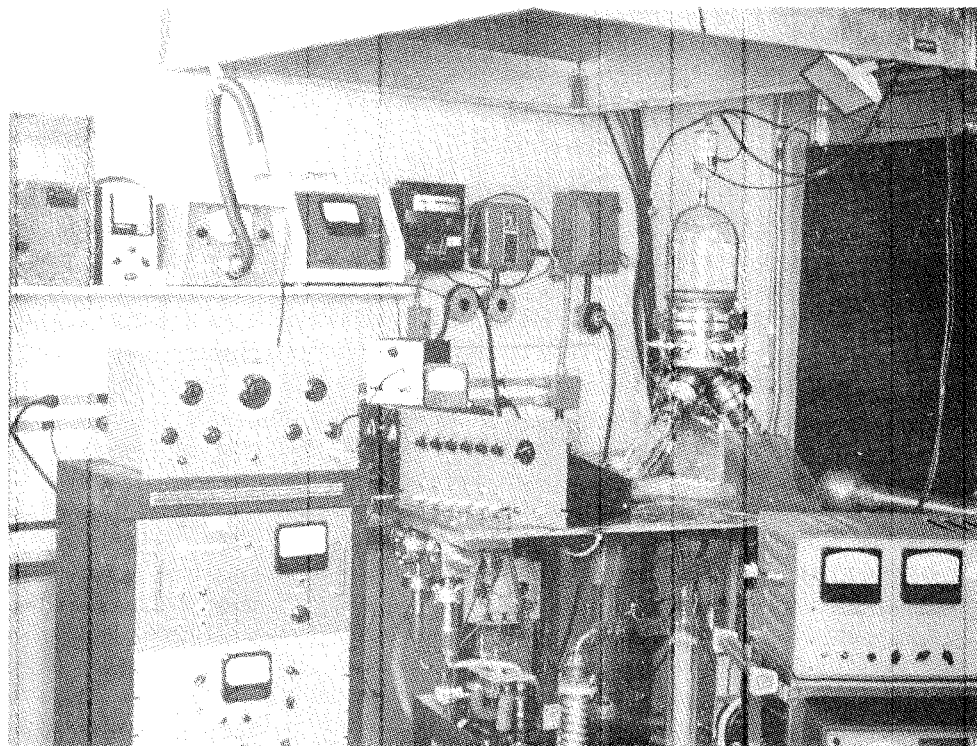
Eric Dollard is an electrical engineer who has done remarkably exhaustive historical research and experimental verifications of scientific claims made by Nikola Tesla a century before. It was through Mr. Dollard that we learned about a forgotten chapter in the art of controlled thermonuclear fusion like no other. In fact, those who read this article may be shocked to learn the real truth about one specific "hot fusion" project from 1962 until 1967.

The reality of anyone controlling fusion reactions ... and reaching self-sustaining reaction stage would sound bizarre to anyone familiar with the historical publications. Of all the venture projects chasing after the hot fusion Grail one group of researchers looked directly into Nature's brilliant face and saw her sparkling eyes. Mr. Dollard's research on unusual electron tubes led him into an exhaustive study of several vacuum tube designs patented by the father of electronic television: Dr. Philo T. Farnsworth. There he found the forgotten gem.

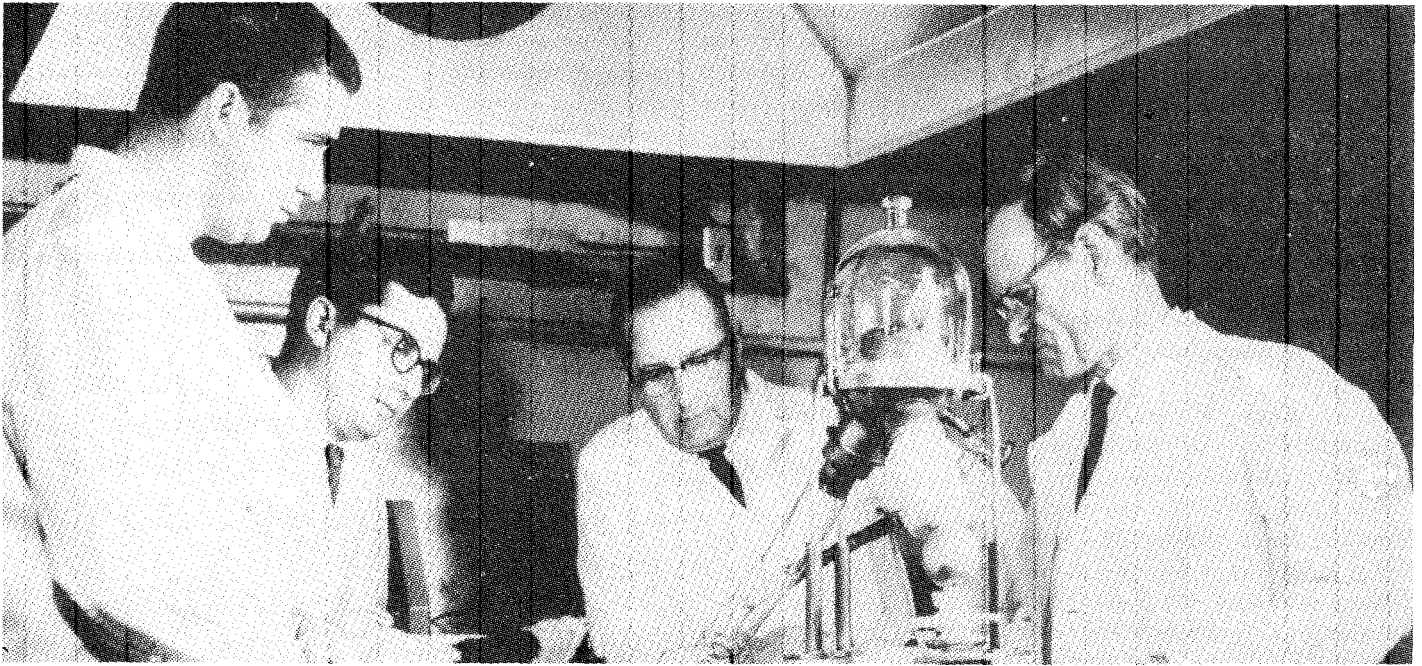
PHILO T. FARNSWORTH

Among the incredibly prolific patents of Dr. Farnsworth are two working designs for achieving practical nuclear ("hot") fusion. Dr. Farnsworth is the original designer of true electronic television. He had to develop the entire system of electronic television with all its parts. Image dissectors, pulse transmitters, synchronizing oscillators, synchronous scanning, image analyzers, receivers, and special cathode ray tubes ... Farnsworth conceived, designed, and hand-built each of them.

The technological demands of his complete television system required the development of very special electron tubes from start to finish. Each component demanded new tube designs and operational theories. In fact, examination of the Farnsworth patents reveals nothing but novel tube designs without contemporary equal.



The Mark II - from *Distant Vision*



Left to right; Gene Meeks, George Bain, Frederick R. Furth, and Philo T. Farnsworth with the 1962 Fusor - from *Distant Vision*

Existing multi-element tubes could neither match the stringent power demands or frequency requirements of television. Therefore Farnsworth developed numerous unusual tubes to make his television oscillators, receivers, and transmitters more efficient. No existing technology could match the performance characteristics of his UHF oscillators, electron multipliers, and cold cathode signal amplifier tubes when he patented them.

Farnsworth designed numerous high-power UHF tubes. Notable among these designs were cold cathode devices (some of which employed soft radioactive materials), photomultipliers, multipactors, IR imaging tubes, image storage tubes, and image amplifiers. Each was a marvel of originality and inspiration. But the multipactor was a true wonder.

The multipactor design employs two opposed concave cathodes and a central series of cylindrical anodes. Noise surges generate and sustain powerful tunable oscillations within the multipactor when voltage is simply applied to the cathodes and anode. The multipactor utilizes photomultiplier effects to supply electrons. Multipactor performance borders on the anomalous, approaching "impossible" efficiency coefficients. His success was followed closely by engineers from every military and industrial group. Full-scale research addressed the multipactor efficiency "problem". Reports from the time period may be easily secured for study and re-evaluation.

Farnsworth continued to be a prolific designer of very unusual electron tubes before and after World War II. Casual examination of his patents continually proved the genius behind the legend. Dr. Farnsworth explored new alternatives and designed radically new concepts into a series of electron tubes which became as heralded as his development of electronic television. Each development produced its own species of anomalous phenomena. These were each utilized and compounded in his successive developments. The patent record tells the story best.

PLASMOIDS AND VIRTUAL ELECTRODES

While testing high power UHF tubes Farnsworth discovered an anomalous self-focussing space charge phenomenon. These space charge plasmoids glowed all the more brilliant with increasing application of voltage ... a control characteristic. He named these point-plasma phenomena "poissors".

"Poissors" are brilliant space-suspended plasmoids of star-like appearance. When Dr. Farnsworth operated his multipactors the poissor phenomena manifested themselves with special brilliance. Electron optical focussing concentrates ions just as mirrors concentrate light. Early Farnsworth multipactors utilized twin opposed concave cold cathodes.

The design feature of concave electrodes was a radical departure in the world of electron tube designs at the time. Most electrodes of the day were simple planar surfaces. The concaves permitted the re-discovery of electron optics ... a phenomenon originally witnessed by Sir William Crookes and forgotten. Students are directed to the Crookes tube with its concave cathodes.

Farnsworth multipactors and cold cathode discharge tubes produce optically focussed "poissors" and exhibited all the response-control characteristics later sought by plasma physicists in their race toward achieving hot fusion. Control-responsive poissors would shrink in size, increase in ionic density, and produce more brilliant light with increasing voltage application.

Notably discovered in 1936, the poissor phenomenon made a new breed of electron power tubes and plasma devices possible. The existence of these mysterious suspended plasmoids stimulated Farnsworth's research toward the refined use of electron optics. His refinement and use of the newly manifested phenomena produced remarkable performance efficiencies in UHF and SHF applications. In their unprecedented spherical geometries the Farnsworth tubes proved incredibly efficient and long lasting.

Virtual electrodes could influence electron behavior in power

tubes. Ions could be bound in small plasma points (poissors) exhibiting rare stability in ionic multi-layers and sheaths. Poissors could absorb and store energy: an aspect which deeply impressed Dr. Farnsworth. The time for their retrieval from the archives of the anomalous drew close.

By 1953 he had conceived of a means for using the poissor phenomenon to produce controlled nuclear fusion reactions. The patent record shows that Farnsworth achieved the goal. Yet, there are far more deeply entwined reasons why few have ever heard of Dr. Farnsworth's contributions and achievements besides the academic censure of this possibility.

THE "FUSOR"

In 1959 H. S. Geneen (Raytheon) invited Dr. Farnsworth to address the IIT board of directors on controlled nuclear fusion. Against the verbalized misgivings of the AEC this lecture-presentation was given. Shortly thereafter a preliminary test on the Farnsworth "Fusor" was performed in a small IIT basement laboratory. His first design for a hot fusion reactor was realized in 1959. IIT monitored all the research and brought its own supervisors into Farnsworth's team.

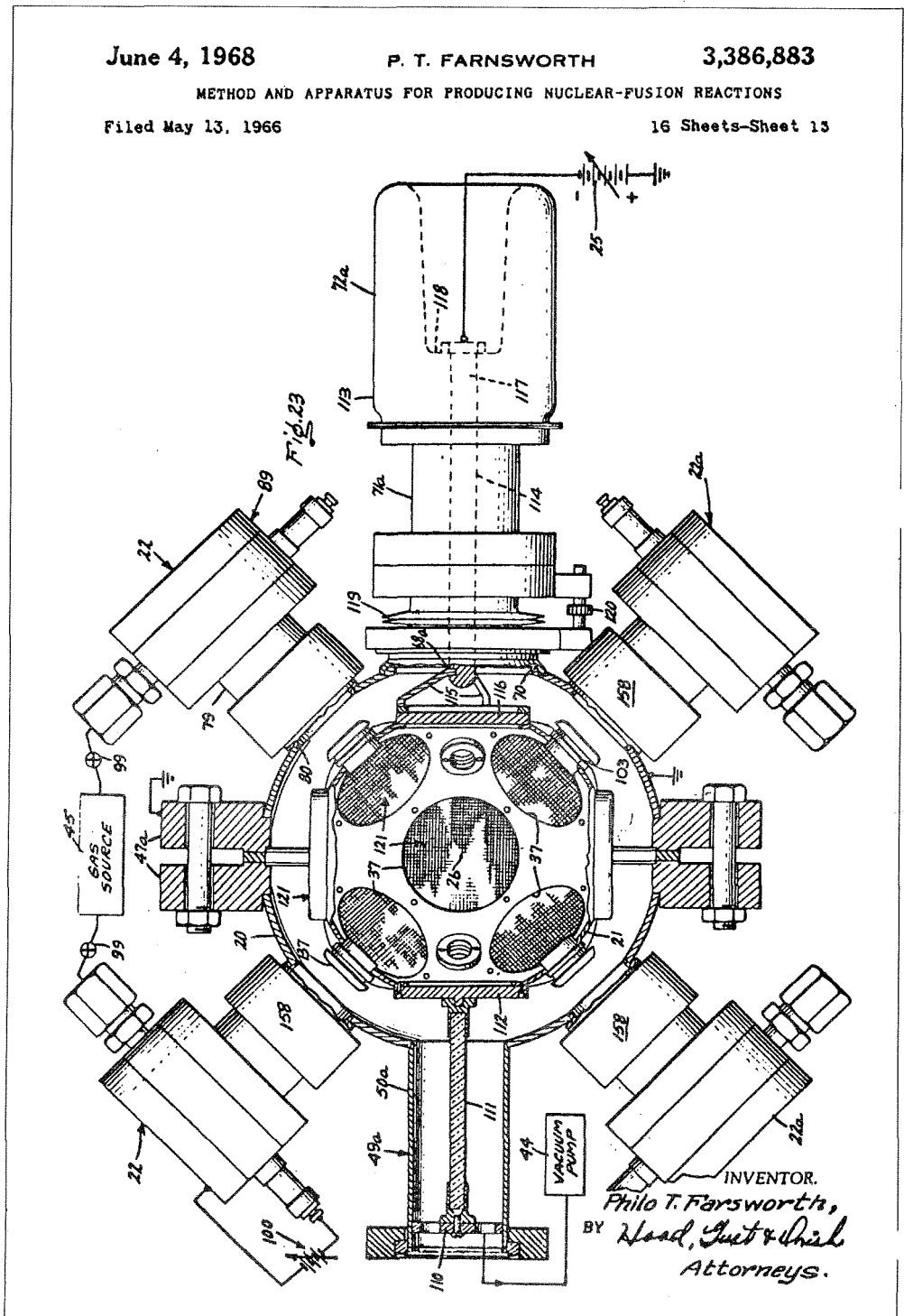
Virtual poissor plasmoids of deuterium would be isolated, shaped, confined, treated, balanced, or moved without magnetic confinement. Farnsworth's solution to reactant confinement was elegant, simple, inexpensive, and highly efficient. He designed a new and dramatically original tube which he named "The Fusor". This was the summation of a lifetime's discoveries and development. I believe it is the most advanced electron power tube ever designed.

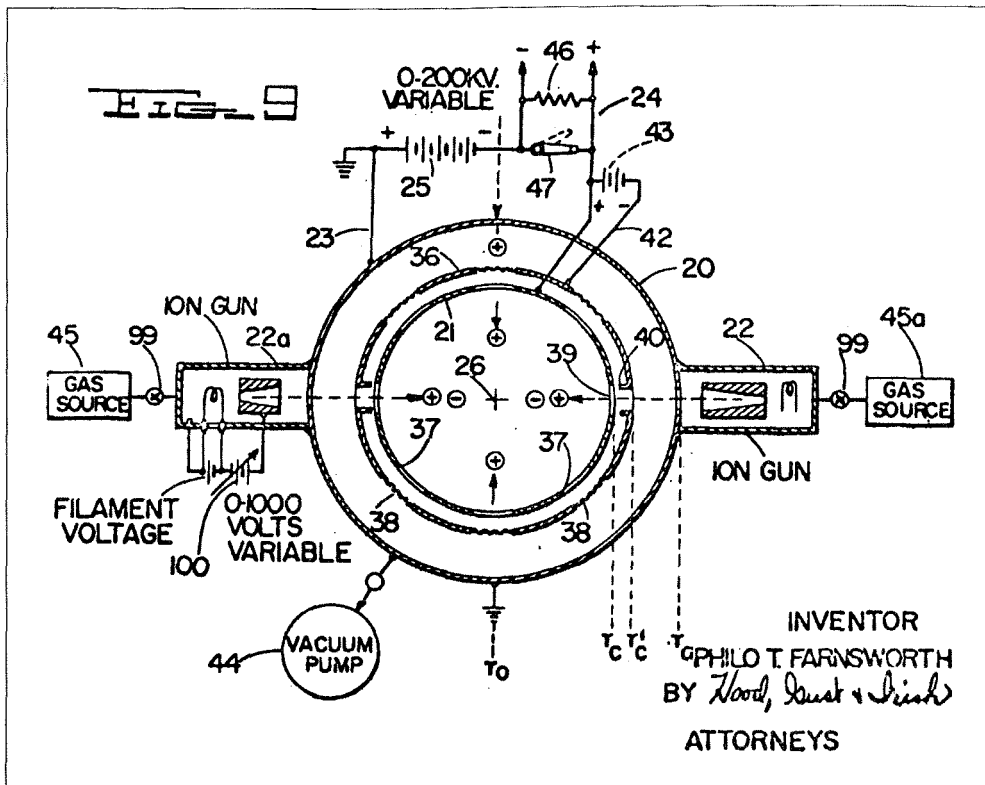
The "Fusor" is a device which produces controllable hot fusion reactions and does not utilize magnetic confinement. The design is a radical departure from all the designs of its time frame. The Fusor is comprised of a spherical anode which concentrically surrounds a cathode. A plurality of ion guns are mounted on the anode exterior in spherically spaced and diametrically aligned relationship so that their beam axes intersect at the cathode center. Ions from the guns are propelled and focussed into the center of the cathode. This establishes in the cathode interior a series of concentric spherical sheaths of al-

ternating maxima and minima potentials: the "virtual electrodes".

Ions never touch any surfaces in these tubes. Magnets are never needed. The ions which "fall" into the centermost virtual electroc have fusion energies, and are contained at a density sufficient to produce fusion reactions. Charged particles are literally compressed into the required density in the central region by the process of inertial containment... a term in the art which Farnsworth first coined.

Oscillating ions are concentrically gathered in a series of charge





STEADY PROGRESS

With deuterium gas in the Mark II-Model 2 Fusor a count exceeding 50 M-neutrons cc/sec was recorded at 80 Kv. and 30 mA. input. This device produced 1.3 G-neutrons/sec. in a sustained reaction for more than one minute. These reactions were stable, completely under the operator's control, and could be repeated.

On October 5, 1965 the Fusor Mark II-Model 6 was tested. A reconfigured, high-precision ion gun arrangement produced 1 G-neutrons cc/sec at 20 Kv. and 1 mA ... a record achievement. On December 28, 1965 tritium was admitted into the test chamber ... producing 2.6 G-neutrons/sec. at 105 Kv. and 45 mA.. With a mixture of tritium and deuterium on the very next day Dr. Farnsworth's team measured and recorded 6.2 G-neutrons/sec. at 170 Kv..

The Mark III Fusor produced startling high records in quick succession. By the end of 1965 the team was

sheaths which conform to the optically focussed fields and which represent the distributed kinetic energies of ions in the poissor. Potential escaping pre-reactive ions encounter successive electrostatic repulsions until they are forced back into their center. The Fusor System proved stable throughout its forgotten seven year research history.

With developed potentials of sufficiently high magnitude the fusion reaction can be sustained and controlled at will. Furthermore, fusion energy produces powerfully escaping nuclei which perform work against the anode field. This ionic pressure augments the applied field and appearing as a dramatic surge in field strength: one that may be directly harnessed and used in external loads as electrical power.

The fear of a "runaway" reaction were handled in the natural equilibrium maintained by the poissor core structure ... as stars self-maintain their output by expanding and reducing plasma density. Poissors were found to be remarkably resilient and resistive to instabilities. Farnsworth solved the confinement and conversion problems in one design. The field symmetries and process involved in achieving this variety of hot fusion seems macro-analogous to those characteristics being now explored in "cold" fusion.

On October 8, 1960, the Mark I produced a steady-state neutron count when deuterium was admitted into the device with very low power application. The central feature during these tests was not the neutron count itself. What was sought in these tests lay in the control of the reaction under increasing power application. Farnsworth established and charted increasing neutron counts with increasing application of electrostatic power. It is suggested that the reader obtain and study copies of the Fusor (patent 3,386,883).

routinely measuring 15.5 G-neutrons/sec. at 150 Kv and 70 mA.. The final problem to be tackled involved the poissor itself. Self-containing and tightly layered, the fusion poissor would not admit fuel into its core once the reaction had begun. It must be remembered that this Fusor was softball-sized. A Fusor having a diameter of just one meter would permit greater ignition power for a smaller time period ... while multiplying output power volumetrically.

SUSTAINED FUSION REACTION

Dr. Farnsworth reported that his team achieved a self-sustaining reaction on several occasions ... and could repeat the effect. He once invited his wife to watch a test-run of this feat. As power was applied to the Fusor the neutron-reading meter achieved a steady threshold and there remained ... until a slight increment of power was applied. Then the needle went off the scale. Dr. Farnsworth cut the applied power ... but the needle remained in place for thirty seconds or more as the reaction continued.

IIT gradually absorbed the entire project. All related patents were assigned to IIT as success was achieved in steady steps. While steady progress was being achieved at a modest cost (examine the photographs), IIT was being influenced by powerful professionally hired "opinion makers" to drop fusion research. Suddenly even Wall Street analysts were publishing their "concerns" for IIT and its absorption of the Farnsworth subsidiary. Farnsworth himself was made the focus of every corporate death-word. These outlandish accusations indelibly remain in newspapers from the time period.

The suppression and assassination of technology is historically the response of frightened competitors ... response to an impending

breakthrough which might wipe out competitors. Crowd pleasing philanthropists become predators when possible usurpers appear.

Piercing voices appeared from everywhere against Farnsworth. A large reception at the Waldorf was astir with executive unrest concerning the Farnsworth research project. While dressing, Farnsworth suffered a mild stroke. The AEC was mounting the nuclear fission race and the "anti-fusion" race simultaneously ... and using every tactic to achieve total dominance of the energy field. He was relieved of his research project.

The effect of such disappointment upon those whose lives and hopes are involved in such research is never superficial. In them ride the dreams of whole societies and futures. Those who harm such individuals do not survive in the long run. The price for the dreamer, however, is dear. Dr. Farnsworth suffered another stroke on a plane ride back home. He then retired to convalesce.

During his recuperative period at home he decided that the Fusor should be developed to its complete perfection. IIT had formally and publicly stated that the Fusor was a "dead-end". Farnsworth thought that since this was their attitude, he might have a try at re-obtaining his patents. He therefore contacted IIT and honestly announced his intentions. The answer was negative and impersonal ... a curious response for a device which was a "dead-end"... given to such an eminent personage whose inventions maintain the entire IIT operation to this day.

COOL DOWN

In quick successions, IIT asserted its complete ownership of all Fusor applications in the future. IIT warned Farnsworth that it would dominate all Fusor research forever ... despite its "unfeasibility". IIT then cut all formal financial ties with Farnsworth and left him virtually bankrupt. IIT now holds the Farnsworth patents ... and bears the social debt of responsibility for suppressing Fusor technology.

In July 1969 Farnsworth built a small Fusor lab in a Brigham Young University cellar room. With purchased equipment from IIT he continued his research with generous University support. Creditors were crowding him on every side. During this time an offer came to him from SONY. He felt unable to continue. Physically ill for a long time and emotionally scarred, he died from pneumonia in 1971.

The aim of my article is not simply to re-expose mere technical facts ... but to explore deeper issues of science and society. Hot fusion was achieved, scrutinized, assassinated ... and suppressed. It is remarkable that few individuals in the fusion research teams across the world are even aware that their goal was realistically attained. The device which attained this feat was elegantly simple, but the movements of these social energies must first be clearly understood.

Several questions now demand simple answers. What names were behind the obvious and deliberate attack on Farnsworth's Fusor project? How have these forces managed to keep Farnsworth's work completely suppressed? How is it that IIT never re-examined and duplicated the Fusor Project? Why are outrageously huge funds yet being supplied for Tokamak projects? Are these grant mis-appropriations deliberate or are they the inertial results of forgotten knowledge? Is the synthesis of artificial social myths accumulating ignorance among those who originally produced them?

UNEXPECTED DISCOVERY

Those who are familiar with the lure of science archives understand very well that more potential technology lies dormant than is currently addressed, discussed, or implemented. Much of modern scientific research is the weak echo of work already completed within the last century. There are those who prefer to collect grants and assure themselves of bureaucratically "safe" experiments rather than risk their yearly salaries on radically new scientific ventures.

Survivalism among academicians is no less savage and ruthless than among other groups with whom we more often associate base behavior. There are those who use projects in "throw away" fashion just to survive. There are those whose jaded personalities have taken a survivalistic stance and already accept that hot fusion is a dead-end ... but a steady income.

This kind of pessimism in the scientific field promotes status-quo technology and eventually blocks the paths toward adventure and discovery wherever and whenever it can. Unfulfilled minds become pessimistic. Unchecked pessimism becomes maliciousness.

The true and original artists of contemporary science are difficult to name except for those in radical technological ventures. It is rare today to find that kind of explosive scientific development which absolute saturates Victorian journals between 1880 and 1910. Yet we recognize that our Victorian mentors were responsible for the paths upon which we are now travelling.

More radical discovery and technology were forged during the Victorian time period than is actually engaged today. Science also seems to have great difficulty in making simple assertive statements as did our forebears ... who produced a far greater weight of accomplishments. Science speaks of "statistical agreement" and "reasonably close correlations". Not one individual is willing or able to simply say "yes" or "no".

I was not surprised when scores of non-committal authority-pleasing academicians came forward to refute new hydrogen energy. It was rather like watching reflexive behavior in laboratory animals. I believe the next regulatory step will be to ban the production of these designs and devices outright. We should be prepared for the corporate onslaught. I personally believe that we should take our options as global citizens ... and cultivate the new technology among disadvantaged nations.

LIGHTS OUT

One observes that the scientific community automatically digests potential possibilities whenever new unexpected discoveries manifest themselves. This again is that rigid kind of scientific dogmatism which holds forth the graven image of "the model" before the truth. The cultivation of new discovery is an unknown art in our day ... except among a rare few.

What is "unexpected discovery"? Is it not the piercing reminder that theoretical models can never replace or truly confine natural reality? Yet there are those who have inwardly replaced reality with the model ... and defend the model to the death. The bright light of any natural anomaly or unexpected discovery is hated precisely because it is feared. The model for many scientific personnel is secretly their "lifeline" ... their mantra. These personalities are easy to identify. Unfortunately, in positions of power, they are formidable dissuaders of new technologies.

Newly recognized phenomena and unexpected anomalies distin-

guish natural reality from all models. The trained scientific historian scours the sometimes rotting refuse of discarded periodicals with particular regret. In these discarded stacks lie observations of enormous scope which were faithfully committed by their discoverers to the academic storehouse in hopes that these would be honored, evaluated, and admixed into newer awareness.

Why is unexpected discovery feared and hated by financial dynasties? New technology spells ruin for those whose status-quo policy has eliminated them from the competitive race. Most very wealthy individuals are never passionate thinkers. Neither are they true philanthropists. While removing the future on the one hand they make publicly acclaimed contributions on the other. The banal misuse of powerful positions wields control to stop progress.

Regulating what discoveries are "permissible" precedes limiting "what can be known". In other words the control of discovery precedes the control of knowledge. The control of knowledge precedes the control of awareness. Most of the world's greatest scientific potentials lie tragically forgotten in libraries throughout the world. It is indeed remarkable to discover forgotten scientific history in the journals and patent registers because such "finds" often answer current technological problems from a more fundamental level than is imagined. The libraries themselves are being systematically gleaned and old "inadmissible" knowledge is being eradicated.

UNPRECEDENTED MAGNITUDES

Several purposes underscore this paper. The first is recounting the story of Dr. Farnsworth's Fusor. The second concerns knowledge forgotten. We must never take the study and preservation of archival records lightly. The third aim encourages realization concerning "indefeatable" problems: they are intended to stop our progress along false paths. The fourth purpose lies in understanding the social ramifications of social dreams, new energy, new technology, and the corporate regulators of these social energies. The fifth is purely scientific: new hydrogen energy has produced tiny poissors in the solid state (Iyengar, Srinivasan).

The advent of new hydrogen energy research represents a natural phenomenon of unprecedented magnitude ... a sociological event. Here we find ourselves in possession of devices which operate on tap water ... and which produce prodigious amounts of heat with insignificant electrical stimuli! The need for palladium metal is not always a strict

requirement ... titanium and even nickel suffice under certain conditions.

A mystical belief of mine deals with the suppression of truth by corporate regulators ... and the global consequences of such suppression. Discovery itself is a phenomenon. Discoveries are granted as tools of survival against future needs on behalf of our race.

Of discovery I may say that suppression and manipulation results in an unstoppable reaction ... the frightening release of newer, simpler technologies in every corner of the world. This phenomenal dispersion so assaults would-be controllers that no one regulator may ever seize, quench, or destroy the new technological species.

There are new discoveries to be made everywhere ... they never cease appearing. As stars which appear in the blackness of space, so too the miracle of discovery endlessly manifests. This new energy revolution is itself a phenomenon ... and will yield to those who pursue it the promise fulfilled. ■

Look for an exciting Interview with Gerry Vassilatos - "The Rediscovery of Vril" coming up in the 3rd Quarter of BORDERLANDS.

BIBLIOGRAPHY

BOOKS

Farnsworth, E. *Distant Vision*. Pemberley Kent Publishers, Salt Lake City, Utah. 1989.

Dollard, E. *Theory of Wireless Power*. Borderland Sciences, PO Box 220, Bayside, California.

PERIODICALS

Halloran, A. H. *Farnsworth's Cold-Cathode Electron Multiplier Tube*, Radio (October 1932).

New Amplifier Amazes Radio Engineers, San Francisco Engineer (March 5, 1936).

Smith, Gene. *ITT Hopeful On Experiments To Harness H-Bomb Power*, N. Y. Times (Jan. 4, 1961).

Williams, Ernest. "Farnsworth's A-Power Unit Near Reality", Fort Wayne News Sentinel (January 3, 1961)

PATENTS

2,071,515 Electron Multiplying Device

2,071,516 Oscillation Generator

2,143,262 Means Of Electron Multiplication

2,141,837 Multi-Stage Multipactor

2,184,910 Cold Cathode Electron Discharge Tube

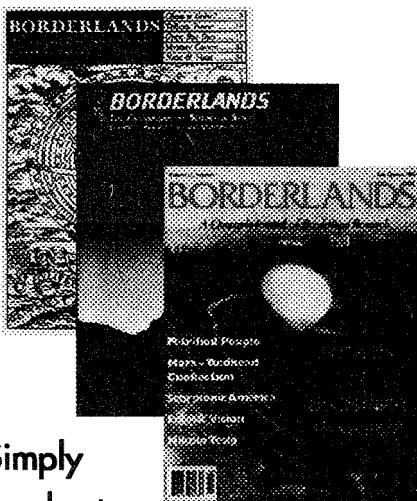
2,217,860 Split Cathode Multiplier

2,141,838 Split Cathode Multiplier Tube

*3,258,402 Electric Discharge Device For Producing Interaction Between Nuclei

*3,386,883 Method And Apparatus For Producing Nuclear Fusion Reactions

ADVANCED KNOWLEDGE... UNCOMMON RESEARCH...



Simply
the best
alternative
scientific
magazine
around!



Since 1945

Subscribe to BORDERLANDS

Published Quarterly: \$25/Year Worldwide

BORDERLANDS is the nexus for Borderland Researchers around the globe, as it has since starting as Meade Layne's legendary Round Robin in 1945. Connect to the infinite within and the infinite without as you read and interact with some of the most advanced knowledge seekers in our universe. Discover a vitalistic science beyond modern research, yet rooted in ancient knowledge.

Sample copy: \$6.95

VISA and MasterCard orders: (707) 825-7733

Send Check or Moneyorder to:

BORDERLANDS

P. O. Box 220

Bayside, California 95524

BARCODES :



“Mark of the Beast”

By Peter A. Lindemann
with Ajna Luminaria



The first time Ajna told me that barcodes created a disruptive field, I was scornfully doubtful. She told me that she never let stores scan the barcodes on the products she bought, because scanned barcodes were the worst. I told her that this was highly unlikely, and that the laser beam used to scan barcodes could not impart a negative energy. She also told me that she could not clear this disruption from barcodes even though she could clear almost all other disturbance fields. I told her that if she was right, there must be a way to clear the disruption, if it existed. I remained skeptical. After all, Ajna suffered from a wide variety of environmental sensitivities. Many disturbance fields like geopathic lines through her house, static charges on the rug, and electromagnetic fields from the house wiring sent her into extreme discomfort. My perception of these things was that they were present, but very minor. I could not dismiss it entirely, however, because Ajna was also an exceptional healer. Her subtle energy perceptions were highly developed and I had benefited greatly from her healing work. When it came to barcodes, they didn't seem to bother me like they bothered Ajna. That was a year and a half ago.

For months, these ideas festered in my mind. Then, an unusual thing happened that brought this matter into sharp focus. First, let me give a little background.

While I do not practice Radionics, because I am a researcher in this field, people call me for consultation. Quite often, they bring me difficult and puzzling cases. This is what happened about a year ago, when a friend called me with a puzzling situation. This case has a number of very unusual circumstances connected with it, and so I have been asked to keep the identities of these people confidential. Nevertheless, this case is so illuminating that I feel compelled to share as much of it as I can. Here, then, is what I can share.

My friend does Radionics as a serious hobby. He is quite knowledgeable and has helped many people with his work. As events unfolded, he had taken on the case of a person I will call “Jim”. Jim is a celebrity of sorts and is well known in certain circles.

During the last few years, my friend had been monitoring Jim's condition radionically and was noticing a growing cancer process in Jim's aura. He had not been able to clear it, doing everything he knew how to do. Finally, he was so alarmed, he brought the case to me for help. As we discussed the case, it was revealed that many different photographs of Jim had been sold over the years as an article of commerce, and that each one of them had had a barcode placed on it for all the same reasons anything else has a barcode on it. In a flash, I recalled Ajna's severe warnings about barcodes. As we all know, a photograph can and does act as a radionic witness. Even if the individual energy disruption from a single barcode is small, multiplied by 10,000 photographs broadcasting this disruption continuously, the problem could become significant. 10,000 photographs with barcodes on them could be a nightmare come true. Since all conventional avenues had proved fruitless, we proceeded on the barcode/photograph hypothesis. Within a month, I came up with a method for clearing the effect of the barcode energy disruption. During a visit, my friend and I worked on Jim radionically using this method, and cleared all of the accumulated energy disruptions associated with the barcodes. Also, other procedures were put in place regarding future sales of Jim's photographs. Since that time, Jim's aura has cleared of the mysterious cancer process and has remained clear.

This first test case taught me a lot, but there were still many unanswered questions. What was the nature of the disruption? Was the problem in the barcode, or in the laser scanning of the barcode? Does removing a barcode from a product remove the disturbance? There was still a lot to learn. In order not to miss something important, I had to consider anything and everything. I went back to the beginning.

Many years ago, I was told that each barcode had 3 numbers in it that were not a part of the number sequence written under the barcode itself. These numbers are 6-6-6. Figure 1 shows the barcode from a popular brand of instant coffee. It is a typical 12 number symbol. The barcode is made up of numbers and each number is represented by two lines. These lines can have various

widths and spacings from each other, but every two lines equals one number. So you might think that a 12 number code would have 24 lines, but it doesn't. It has 30 lines. Each barcode begins, ends, and is marked in the middle with two thin lines spaced one space apart. These six lines do not have numbers associated with them written underneath. In our example in Figure 1, the last two numbers written under the barcode are sixes. As you can see, if we disregarding the two outermost lines, the next two groups of lines inward to the left are also two thin lines spaced one space apart. These lines look exactly *the same as* the last two lines that have no number associated with them, but these lines definitely represent sixes. For this reason I have believed for years that all barcodes had a hidden 6-6-6 in them.

This 6-6-6 reference comes from the Book of Revelations in the Bible. Revelations 13: verses 16-18 read as follows (New International Version):

"He also forced everyone, small and great, rich and poor, free and slave, to receive a mark on his right hand or on his forehead, so that no one could buy or sell unless he had the mark, which is the name of the beast, or the number of his name. This calls for wisdom. If anyone has insight, let him calculate the number of the beast, for it is man's number. His number is 666."

"He" in this reference, is the "Anti-Christ". Now, while I know of no one who has this mark on their body yet, it is becoming increasingly difficult to "buy or sell" anything without a barcode on it. Certain European currencies already have barcodes on every bill. Even this magazine now carries one because of the requirements of mass circulation. Could this be the so-called "Mark of the Beast?" Are we entering the so-called "end times?" It was time to get past all of the mystifying beliefs and find out what was really going on.

I still didn't know much about barcodes. Ajna continued to insist that the scanned barcodes had a worse effect on her than the other ones, so I decided to look into the laser scanning technology. I asked an electrical engineer friend of mine, Dr. Ray Quinton, here in Albuquerque, what he knew about the barcode scanning process. As it turned out, he knew a lot. In fact, he told me that he had helped develop it for the military, back in the 1960's. The laser beam is connected to what is called a "holistic grabber" circuit. These circuits were originally developed by the Military to scan ancient texts written in unknown languages and translate the information into English, using very large computers to break the code. Today, these circuits are used at most stores simply to compare the information on a barcode to information stored in the computer. A laser beam is rotated in a circle to "grab" the information on the barcode. If there is a match and the computer recognizes the information, the green light goes on and the

recognition tone is sounded. Then the unit resets for the next cycle. In modern scanners, the laser beam is generated by a solid-state diode and a sequence of lenses and sensors accomplishes the rest. I told Dr. Quinton that I thought the barcodes could have a detrimental effect on health, and that laser scanning made the situation worse. His first response to this idea was similar to mine. He thought the idea was ridiculous. In spite of this, and much to his credit, he agreed to help explore the possibilities with me.

Three days later, he called to tell me that I was right, and that he had figured out what the problem was. The next day, I visited Dr. Quinton again and he showed me what he had found. While I was there, we ran a few more experiments to round out our emerging understanding. The implications are staggering.

Here is what Dr. Quinton showed me. The BARCODE itself is the problem. Like other geometric designs, each barcode has a radionic signature. You can think of it as a subtle energy antenna. Unfortunately, the barcodes are designed to encode product information without regard to this radionic effect. Due to this

disregard, the radionic effects of barcodes are random. (This is, of course, if we disregard the conspiracy theories.) I use the term random here in the sense that they are not designed specifically to enhance health. In addition to this, the barcode functions quite STRONGLY as a random radionic tuning, and in large doses, the toxic effects of this disruption can become quite noticeable.

The radionic effects of the barcodes are activated by MOVING LIGHT. Laser scanning of the barcode will activate its bioenergetic toxicity. A simple flashlight will do the same thing to a lesser degree. The sun going up and down through the window will also activate the barcodes on prod-

ucts in your kitchen. Fluorescent lights, which actually flash at 120 times per second, activate them quite strongly. Simply moving the barcode through space, back and forth, perpendicular to the direction of the lines, also energizes it. Dr. Quinton had unlocked the secret.

Here is what I now believe. The toxic radionic effects of the barcodes imbed in, and energize, the Light Ether. It is possible to stop 98% of the NEW activations by placing black tape over the barcode. However, simply removing the barcode from the product packaging or placing black tape over it does not eliminate the etherically imbedded radionic toxicity. Because the radionic toxicity exists in the Light Ether, it penetrates the packaging and imbeds in the product inside. This is true of FOODS, VITAMINS, and everything else. Most of us have been EATING radionic barcode toxicity as a part of our steady diet for years. Even products that don't have barcodes on them can be affected if they were shipped to you by UPS, or any other shipper that uses barcodes for tracking purposes. As I said before, the implications are staggering.

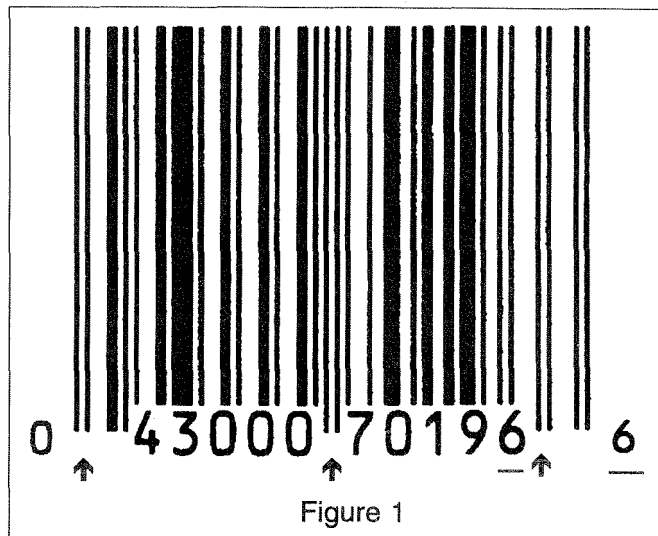


Figure 1

Everyone is affected to one degree or another.

By now, I knew we had a big problem on our hands, but I still didn't understand why. I told Michael Theroux at BSRF that I was working on an article about the radionic effects of barcodes. He told me that he had just spent the last few months learning all about barcodes so he could get a barcode on this magazine to make it compatible for mass distribution. He offered to send me the UPC Symbol Specification Manual. Finally, I was getting to the source.

Figure 2 shows the UPC Standard Symbol. As you can see, the number 6 is represented by two thin lines, spaced a certain distance apart. The barcode is divided into two sections. These sections are punctuated by two thin lines at the beginning, middle and end of the barcode. In Figure 2, these demarcation lines are called the Left-Hand Guard Bar, the Tall Center Bar, and the Right-Hand Guard Bar, respectively. Without knowing the intricate system described in the Specification Manual, this could be interpreted as an unwritten 6-6-6 in each barcode because the width and spacing of these Guard Bars is the same as the number 6, as it appears in both Figure 1 and Figure 2.

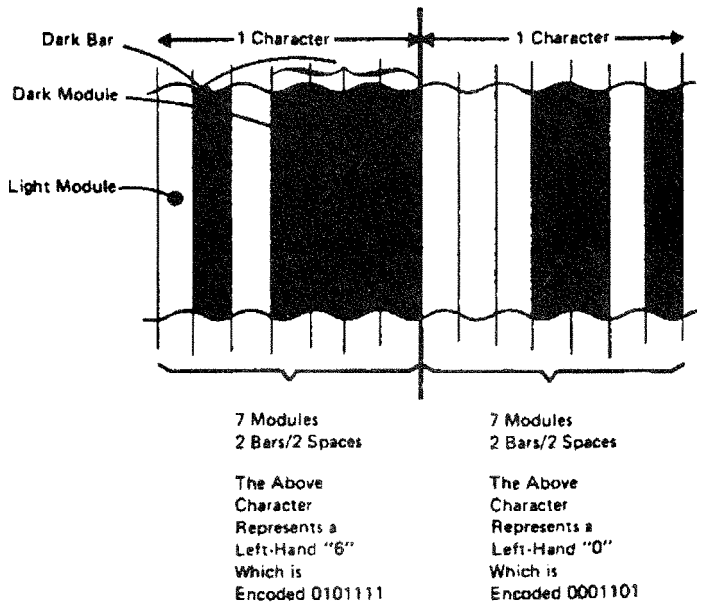


Figure 3 - Character Structure

In experiments that I have run, removing the demarcation lines from the code lessens the toxic effects slightly, but does not eliminate them. The barcode *without* the demarcation lines is still radionically toxic. If the 6-6-6 is there, it is not the major problem.

The solution to the barcode toxicity problem is still in its infancy. Here is what we know so far. The diagram reproduced on the next page of this article can be used to neutralize the toxic effects of radionic barcode *in products*, after the barcode has been removed from the product or had black tape placed over it. The rate (45433) can be used radionically to eliminate the accumulated effects of barcode *in the body*. Be careful using this rate. Time of exposure equals dose. The rate (45433) is the inverse rate of the general barcode disruption rate (65677). It neutralizes the radionic effects of barcode in the same way that an alkali neutralizes an acid to make a salt plus water. The complete neutralizing effect depends on the proper dose. It is possible to *go beyond the neutralizing point* and end up with another kind of problem. Use the rate (65677) for

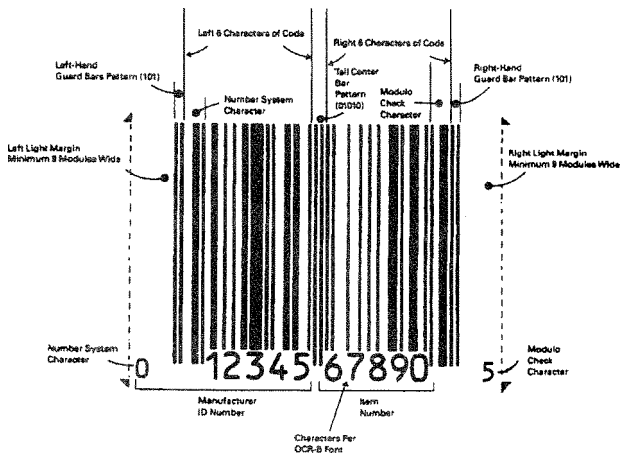
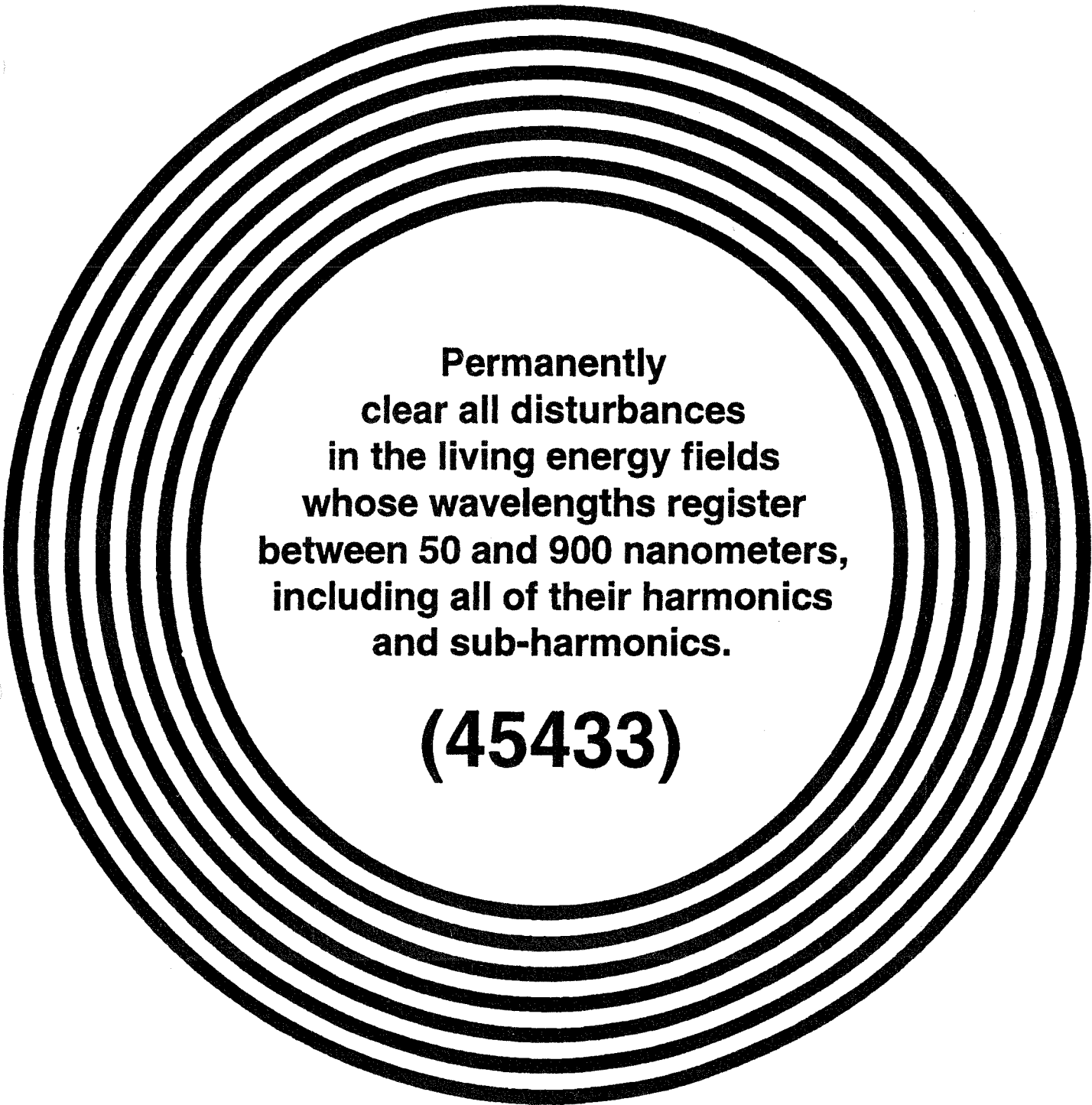


Figure 2 - UPC Standard Symbol

Figure 3 shows how the lines in the code are constructed from a digital or binary formula based on 7 slots or positions for each number. Each slot is either a "0" or a "1", a "0" being a light space and a "1" being a dark line. Figure 4 shows the Regular Symbol encodation for UPC characters. It is interesting to note that the Right and Left Guard Bars are coded "101", the Tail Center Bar is coded "01010" (see Figure 2) and the right side 6 is coded "1010000" (see Figure 4). No where else in the entire code is a pattern of lines and spaces duplicated in this way. In this case, if we disregard the other open spaces, each Guard Bar and right side 6 has two thin lines spaced one thin space apart. Every other number is totally different. For the conspiracy advocates, this is proof. Of what, I am not certain. While the similarities are noted, it is an intellectual stretch to conclude that these demarcation lines are really hidden 6's. On the other hand, when looking at the barcode itself, it is difficult to dismiss what meets the eye. The demarcation lines and the right side 6 *look* exactly the same! If someone wanted to hide the 6-6-6 symbology in the barcode. This might be what "hiding" it looks like.

| Decimal Value | Left Characters | Right Characters |
|---------------|-----------------|------------------|
| | (Odd Parity—O) | (Even Parity—E) |
| 0 | 0001101 | 1110010 |
| 1 | 0011001 | 1100110 |
| 2 | 0010011 | 1101100 |
| 3 | 0111101 | 1000010 |
| 4 | 0100011 | 1011100 |
| 5 | 0110001 | 1001110 |
| 6 | 0101111 | 1010000 |
| 7 | 0111011 | 1000100 |
| 8 | 0110111 | 1001000 |
| 9 | 0001011 | 1110100 |

Figure 4



**Permanently
clear all disturbances
in the living energy fields
whose wavelengths register
between 50 and 900 nanometers,
including all of their harmonics
and sub-harmonics.**

(45433)

The purpose of this diagram is to clear the electromagnetic interference caused by the laser scanning of bar-codes on commercial products.

Directions: Place product in circle and verbally state affirmation once. Product should be completely cleared within 5 minutes.

analysis, to determine the presence of barcode toxicity. Be sure to check all organs and glands for local concentrations of barcode toxicity, especially the Large Intestine and the Medulla Oblongata. Do not put either of these rates into an automatic program like those used with the SE-5. The rate (65677) is itself quite toxic.

Removing the barcodes from every product in your house can be both helpful and dangerous. Ajna did this. Her environment is now much more benign. However, interacting with hundreds of barcodes in a short period of time made her sick for three days. Be careful. Ajna has made 30 inch diameter copies of the clearing diagram so she could clear large objects, and even stand in it for short periods. For those of you who do not have radionic equipment, it is the best and cheapest way to go, but be careful. If or when you have copies or enlargements of this clearing diagram made, get them laminated so they will be water proof and more durable than ordinary paper. Also, handling barcodes while watching TV or using your computer can be very dangerous. Both Michael Theroux and I have had very bad experiences with this.

Ajna and I encourage all radionic practitioners to verify and expand on these findings. The complete solution is far from developed. Anyone interested in discussing this with us can call Ajna Luminaria at (505) 466-1213 or Peter Lindemann at (505) 281-7554. We are open to suggestions and will gladly impart the finer details of these discoveries to other researchers. As of now, the only barcodes that don't seem to cause problems are the ones used by the Postal Service on letters and packages.

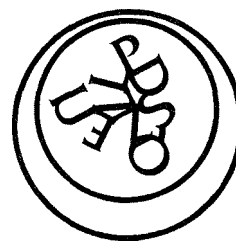
In closing, I would like to address the conspiracy angle once more. For someone to have designed the barcodes specifically for their toxic radionic effects, they would have had to be very smart and extremely malicious. The fact that each number in the code is based on a 7 slot symbol is curious. The 7 slot symbol is much more bio-active than a 6 or an 8 slot symbol would be. Why it was designed this way, I do not know. There are three major versions of the encodation symbology. The Regular Symbol (Version A) uses 20 of these combinations, 10 for the right side numbers 0-9 and 10 for the left side numbers 0-9 (see Figure 4). Version E adds 10 more to this. Version D adds still more combinations for barcodes with more than 12 numbers. A 6 slot symbol could accommodate up to 32 combinations as the binary number 2^5 . A 7 slot symbol could accommodate up to 64 combinations as the binary number 2^7 . Since all of the possible combinations that use only one dark line, or those that use three or more dark lines are not usable, it seems that a 7 slot symbol system is the smallest one that can accommodate the amount of information currently being encoded. This all *could* be very innocent. In contrast, the Postal Service has developed a system that has no toxic radionic effects whatsoever. Therefore, if there is no malicious intent here, it represents a nearly unbelievable combination of blunders and coincidences. If there is malicious intent here, the magnitude of evil it represents is really quite alarming.

Likewise, the Guard Bar resemblance to the symbol for a right side 6 is also curious. Why would someone intentionally want to hide a disguised 6-6-6 into the barcode? These extra lines do not dramatically alter the strength of the radionic toxicity of the barcode. What is the point? Why try to fulfill some obscure Christian Prophecy of Doom, except to impregnate us all with the "Mark of the Beast?" A good question. Having eaten food from

packaging with barcodes on them, we all carry the "mark of the barcode" radionically in our subtle energy field. We are, however, learning how to clear this disruption. The 6-6-6 controversy will remain a mystery. There seems to be no way to definitively settle the issue.

Beyond any of the conspiracy theories, there seems to be a more enlightened interpretation. From a cosmic and Spiritual point of view, we all carry the "Mark of the Beast" in the sense that we come from an "animal origin." This has always been true of humanity, long before the advent of barcodes. As we ascend toward Spirit, we learn how to perfect our moment to moment choices and identify with our True Self. We attain this Spirit Destiny of Perfection by the technique of perfecting our desire and intention to have Spirit live in us and manifest through us. This is how we overcome "The Mark of the Beast", the limitations of our animal origin. Spiritual victory over "The Beast" in ourselves is assured, as long as we honestly desire to live in direct, conscious relationship to the Truth. In light of this, even a hidden 6-6-6 on our Corn Flakes cannot signal the "end times." There are no "end times" for those who are ascending the Eternal Path of Spiritual meanings, values and discoveries. In spite of all the obstacles we face, our Spiritual future is always bright. ■

|| BARCODE UPDATE ||



Since the completion of this article on barcodes, a new development has come about. The unusual symbol above was developed by Michael Theroux. Using the principles outlined in a symbolic system by Austin Osman Spare, Michael reduced the barcode neutralizing affirmation and rate into this neat little symbol. Tests show that when this symbol is placed either on top of or behind a barcode, the toxic effects of the barcode are eliminated. This breakthrough has made possible the offering of a set of peel-off stickers that have the symbol printed on them, for those interested in ridding their environment of barcode toxicity. A set of 100 stickers, that includes 3 different sizes, is now available from BSRF for \$10 + \$2.75 p&h. Now, when you bring new food items into the house, you can cover the barcode with this sticker. It not only prevents future activations of the barcode, but it neutralizes the toxic radionic imprint that has penetrated the packaging. The creation of these pre-printed, peel-off stickers has made eliminating barcode toxicity in our lives a simple procedure. To order your set of 100 Barcode Neutralizing Stickers, call (707) 825-7733 today.

THE MARS-REDHEAD LINK II:

Mars Distribution Patterns in Redhead Populations – Part 2

by
Judith A. Hill

To best describe the “redhead curve” (first proposed in 1991), I have divided the circle of diurnal motion into six zones comprised of two traditional 30° equal house sectors each. Every total zone is therefore 60° in length (See Fig. 5).

- Zone 1: The equal 12th and 1st houses (midpoint in the Ascendant degree.) Zone 1 is Hill and Thompson’s hypothetical “Strong Zone”
- Zone 2: The equal 2nd and 3rd houses.
- Zone 3: The equal 4th and 5th houses.
- Zone 4: Equal 6th and 7th houses (midpoint is the Descendant degree.) Z4 is Hill and Thompson’s hypothetical “Weak Zone”
- Zone 5: The equal 8th and 9th houses.
- Zone 6: The equal 10th and 11th houses.

With these six zones clearly in mind, let us now proceed to examine the frequency polygons – henceforth “line-graphs” for the redhead samples. Our first focus will be to visually observe the rising and falling pattern of Mars distribution percentages above and below the expected frequency (graphic base-line), and to compare these redhead curves with control group curves. To date, redhead groups appear to share the following curve pattern:

1) Mars distribution levels for redheads rise above the expected frequency (regardless of statistical significance of amplitude) in Zone 1. This rise occurs in one or both sectors of Zone 1 at amplitude levels ranging from 1-7% above the e. f. (Figure 5).

2) Mars distribution levels for redheads fall below the e. f. in Zone 2 (regardless of statistical significance of amplitude). This drop occurs in one or both sectors of Zone 2 at amplitude ranges from 0-5% below the e. f. (Figure 5).

3) Mars distribution levels for redheads remain below the e. f. in Zone 3, regardless of statistical significance of amplitude. This drop occurs in one or both sectors of Zone 3, although it is strongest and most consistent in the equal 4th house sector. Amplitude ranges are 0-2% below the e.f. and generally remains close to the expected distribution (Figure 5).

4) Mars distribution levels for redheads drop sharply below the e. f. in Zone 4, regardless of statistical significance of amplitude. This drop occurs in one or both sectors of Zone 4 at amplitudes ranging from 1-7% below the e.f. Mars distribution for redheads within Zone 4 is reliably below levels for flanking zones 3 and 5 (Figure 5).

5) Mars distribution levels for redheads climb back above the e. f. in Zone 5, regardless of statistical significance of amplitude. Typically, this zone produces the second highest Mars distribution levels for redheads. This high distribution occurs in one or both

sectors of Zone 5 with amplitude ranges of 0-4% above the e.f. Mars distribution in redheads within zone 5 is reliably higher than for flanking zones 4 and 6 (Figure 5)

Zone 6: Mars distribution levels for redheads drop back below the expected frequency in zone 6, regardless of statistical significance of amplitude. This drop in distribution occurs in one or both sectors of zone 6, most reliably in the equal 10th house, at amplitudes ranging from 0-8.50% below the e. f. Mars distribution within Zone 6, and especially within the 10th equal house, is reliably lower than for flanking zones 5 and 1 (Figure 5).

ZONE VARIANCE

Zone dominance and Zone Variation by sample percentage of Mars Distribution for Redheads vs Controls

Let us now read “between the lines” or quite literally in this case between the highs and lows of Mars distribution in comparative populations of redheads and controls. Because standard statistical methods for astrological research do not address percentage of zone variance, much less replicating curve-patterns, I have prepared six Tables (one for each two-zone comparison). These tables allow us to simultaneously compare all redhead groups against

TABLE 1: ZONE VARIATION PERCENTAGES: Redheads vs Controls

The percentage of Mars distribution at birth in Zone 1 (Strong Zone) is compared with Zone 4 (Weak Zone) by equal house sectors (half-zones) within these zones. Redhead groups (R) are compared with Control Groups (C). Column “B”: Total Zone Variation
Column “A”: Greatest variation between a sector (half-zone) of Zone 1 over a sector of Zone 4.

| REDHEADS Houses | ZONE | | ZONE | | “A” | “B” |
|-----------------------|-----------------|----------------|----------------|----------------|------|------|
| | 12th sectors | 1st sectors | 6th sectors | 7th sectors | | |
| R1 500 | 12.4 | 14.8 | 5.0 | 4.6 | 10.2 | 17.6 |
| R2 374 | 11.8 | 9.1 | 10.6 | 5.6 | 6.2 | 4.7 |
| R3 74 | 13.5 | 9.4 | 6.7 | 4.0 | 9.5 | 12.2 |
| R4 100 | 9.0 | 12.0 | 7.0 | 7.0 | 5.0 | 7.0 |
| R5 29 | 17.2 | 13.7 | 3.4 | 10.3 | 13.8 | 17.2 |
| R6 353 | 8.4 | 9.9 | 7.0 | 9.0 | 2.9 | 2.3 |
| R2A 76 | 11.8 | 17.1 | 3.9 | 3.9 | 13.2 | 21.1 |
| R2B 95 | 9.4 | 9.4 | 15.7 | 2.1 | 7.3 | 1.0 |
| RTotal:1430 | 11.2 | 11.5 | 7.2 | 6.2 | 5.3 | 9.3 |
| LARGE CONTROLS | | | | | | |
| C1 | 8.6 | 8.6 | 8.0 | 8.0 | 0.6 | 1.2 |
| C2 | 9.1 | 8.0 | 7.7 | 7.7 | 1.4 | 1.7 |
| C3 | 9.2 | 9.3 | 7.7 | 7.7 | 1.6 | 3.1 |
| SMALL CONTROLS | | | | | | |
| C4 374 | 6.1 | 6.6 | 8.2 | 9.0 | ---- | ---- |
| C5 374 | 8.2 | 9.0 | 9.0 | 8.5 | 0.5 | ---- |
| C6 374 | 8.0 | 9.0 | 9.8 | 10.4 | ---- | ---- |
| C7 500 | 8.4 | 9.0 | 8.2 | 9.0 | 0.8 | ---- |
| C8 100 | 7.0 | 8.0 | 10.0 | 5.0 | 3.0 | ---- |

both themselves and all the control groups in four ways:

1) Amplitude: Total Mars distribution percentage for each of the astrological equal house sectors.

2) Zone Variation: The total sample percentage of variation between any two Zones (or half-zones, as shown for Table 1).

3) Zone Dominance: In a comparison of two Zones, the zone with the highest sample percentage of Mars distribution is "dominant".

4) Directional Consistency of Zone Dominance: Is Zone 1 always higher than Zone 2 for Mars distribution at birth in redhead populations? If so, then we report a "Zone 1 preference" over Zone 2 for redhead groups.

ABOUT THE GRAPHICS (Figures 2, 3, 6-10)

In technical jargon, the line graphs used here are called frequency polygons. Bar graphs, not frequency polygons, are the appropriate tool for graphically representing house sector distribution for planets at birth. However, it is not possible to superimpose several samples in a bar chart! Therefore, I have selected frequency polygons – the connection of lines and dots. Each dot in this case represents the total Mars distribution for one 30° equal house sector and not precise midpoints within those sectors. The Mars distribution curve through 12 equal house sectors is laid out beginning with the equal 4th house and proceeds left to right through all 12 equal house sectors. This design best displays the "redhead curve" for viewing purposes. Each set of two houses (starting with the 4th and 5th houses) forms one "zone", thus presenting six "zones". These frequency polygons are ideal for visually displaying and cross-sample comparing three conditions of

TABLE 5: Zone Variation for Zone 4: (equal house sectors 6,7) and Zone 5: (equal house sectors 8,9). Redheads (R) vs Controls (C). Column "A": gives Zone variance for Zone 5 greater than Zone 4.

| Redheads | Zone 4 | Zone 5 | "A" |
|----------------|--------|--------|------|
| R1 | 9.6 | 18.60 | 9.0 |
| R2 | 16.3 | 17.0 | .7 |
| R3 | 10.7 | 16.1 | 5.4 |
| R4 | 14.0 | 16.0 | 2.0 |
| R5 | 13.7 | 34.4 | 20.7 |
| R6 | 16.0 | 20.3 | 4.3 |
| R2A | 7.8 | 20.6 | 12.8 |
| R2B | 17.8 | 16.9 | ---- |
| Large C | | | |
| C1 | 16.0 | 16.4 | 0.4 |
| C2 | 15.4 | 16.7 | 1.3 |
| C3 | 15.4 | 15.5 | 0.1 |
| Small C | | | |
| C4 | 17.2 | 16.2 | ---- |
| C5 | 18.3 | 16.5 | ---- |
| C6 | 20.2 | 16.2 | ---- |
| C7 | 17.2 | 16.4 | ---- |
| C8 | 15.0 | 14.0 | ---- |

| Redheads | Zone 5 | Zone 6 | "A" |
|----------------|--------|--------|------|
| R1 | 18.6 | 15.8 | 2.8 |
| R2 | 17.0 | 14.6 | 2.4 |
| R3 | 16.1 | 17.5 | ---- |
| R4 | 16.0 | 14.0 | 2.0 |
| R5 | 34.4 | 00.0 | 34.4 |
| R6 | 20.3 | 16.7 | 3.6 |
| R2A | 7.8 | 19.3 | ---- |
| R2B | 17.8 | 6.4 | 11.4 |
| Large C | | | |
| C1 | 16.0 | 17.1 | ---- |
| C2 | 15.4 | 17.4 | ---- |
| C3 | 15.4 | 17.1 | ---- |
| Small C | | | |
| C4 | 17.2 | 17.6 | ---- |
| C5 | 18.3 | 16.0 | 2.3 |
| C6 | 20.2 | 16.0 | 4.2 |
| C7 | 17.2 | 18.6 | ---- |
| C8 | 15.0 | 23.0 | ---- |

TABLE 6: Zone Variation for Zone 5: (equal house sectors 8,9) and Zone 6: (equal house sectors 9,10). Redheads (R) vs Controls (C). Column "A": gives Zone variance for Zone 5 greater than Zone 6.

Mars distribution:

1) Amplitude: Meaning the amount by percentage that Mars distribution levels rise above or fall below the expected frequency.

2) Zone Variance: The total percentage of difference between any two sectors of choice (e.g. houses, decans, zone, etc.), within the circle of diurnal motion for Mars distribution at birth.

3) Phase Angle: This refers to the angular spacing throughout 360° wheel of diurnal motion of the highest peaks and lowest drops for Mars distribution. The Phase angles within a sample's curve can be studied independently or compared with those of other samples.

Chi square, and Z-test are commonly used astrological research methods for establishing the chance factors for planetary distribution by equal house, Gauquelin sectors or any other select division of the circle of diurnal motion. However, these methods measure strength of amplitude for individual sectors (1) and tell us little or nothing about the significance of the remaining two important conditions for planetary distribution outlined above (2, 3). These current statistical methodologies fail to address the overall distribution trends of comparative samples when viewed holistically. In other words, statistical significance testing by Chi Square and Z-test methods tell us nothing of the relative chance factors for sample replication of Mars distribution in redheads for above conditions 2 and 3. To view the entire Mars distribution curve in redhead groups as a single research entity in its own right is the precise object of the following graphic and tabular comparisons.

TABLES 5-8

Tables 5, 6, 7 and 8 allow us to compare all redhead and control sample totals, by percent, through the most significant section of the hypothetical "redhead curve" for Mars distribution at birth.

This section spans Zones 4, 5, 6, 1, 2 and is inclusive of equal houses 6, 7, 8, 9, 10, 11, 12, 1, 2, 3 (See Figure 5).

Note: In discussing these results, I am forced to rely on pansample averages. However, the reader is to bear in mind that all use of redhead and control averages is highly provisional because it is not accurate to compare mean scores for samples as diverse in size as are these groups. For instance, R5, Ron Bippus' 29 Canadian bright redheads are included for thoroughness and not because their tiny size and usually high results might bloat the overall redhead average. Therefore, redhead averages will be presented with and without the R5 contribution. My inclusion of sample averages is intended only to give the reader some idea of the extremity of variance between redhead and control distribution curves for Mars.

TABLE 1: Zone Variance for Zones 4 (equal houses 6, 7) and Zone 5 (equal houses 8, 9). Redheads vs Controls.

Table 1 examines all data for consistency and amount of zone variance for a hypothetical Zone 5 preference for Mars distribution in redhead populations.

Seven of eight redhead groups prefer Zone 5; and do so by an average of 6.97 (3.47 sans R5).

Four out of eight large and small control groups prefer Zone 5, and these four do so by an average of just 0.22.

Table 6: Zone variation for Zones 5 (equal houses 8, 9) and 6 (equal houses 10, 11). Redheads vs Controls.

Table 6 compares all data for consistency and amount of variation for a hypothetical Zone 5 preference for Mars distribution at birth in redhead populations. Six of eight redhead groups prefer Zone 5; and do so by the large average of 7.01 (3.17 sans R5).

| Redheads | Zone 6 | Zone 1 | "A" |
|----------------|--------|--------|------|
| R1 | 15.8 | 27.2 | 11.4 |
| R2 | 14.6 | 20.7 | 6.1 |
| R3 | 17.5 | 22.9 | 5.4 |
| R4 | 21.1 | 14.0 | 7.0 |
| R5 | 00.0 | 30.9 | 30.9 |
| R6 | 16.7 | 18.3 | --- |
| R2A | 19.3 | 28.9 | 9.6 |
| R2B | 6.4 | 18.8 | 12.4 |
| Large C | | | |
| C1 | 17.1 | 17.2 | 0.1 |
| C2 | 17.4 | 18.0 | 0.6 |
| C3 | 17.1 | 18.5 | 1.4 |
| Small C | | | |
| C4 | 17.6 | 12.7 | ---- |
| C5 | 16.0 | 17.0 | 1.0 |
| C6 | 16.0 | 17.0 | 1.0 |
| C7 | 18.6 | 17.4 | ---- |
| C8 | 23.0 | 15.0 | ---- |

TABLE 7: Zone Variation for Zone 6: (equal house sectors 10,11) and Zone 1: (equal house sectors 12,1). Redheads (R) vs Controls (C). Column "A": gives Zone variance for Zone 1 greater than Zone 6.

TABLE 8: Zone Variance for Zone 1: (equal house sectors 12,1) and Zone 2: (equal house sectors 2,3). Redheads (R) vs Controls (C). Column "A": gives Zone variance for Zone 1 greater than Zone 2.

| Redheads | Zone 1 | Zone 2 | "A" |
|----------------|--------|--------|------|
| R1 | 27.20 | 15.8 | 11.4 |
| R2 | 20.7 | 14.6 | 6.1 |
| R3 | 22.9 | 17.5 | 5.4 |
| R4 | 21.0 | 14.0 | 7.0 |
| R5 | 30.9 | 00.0 | 30.9 |
| R6 | 18.3 | 16.7 | 9.6 |
| R2A | 28.9 | 19.3 | 9.6 |
| R2B | 18.8 | 6.4 | 12.4 |
| Large C | | | |
| C1 | 17.2 | 17.1 | 0.1 |
| C2 | 18.0 | 17.4 | 0.6 |
| C3 | 18.5 | 17.1 | 1.4 |
| Small C | | | |
| C4 | 12.7 | 17.6 | ---- |
| C5 | 17.0 | 16.0 | 1.0 |
| C6 | 17.0 | 16.0 | 1.0 |
| C7 | 17.4 | 18.6 | ---- |
| C8 | 15.0 | 23.0 | ---- |

Only two of eight control groups prefer Zone 5, and do so by and average of only .081.

Table 7: Zone Variance for Zones 6 (equal houses 10, 11) and 1 (equal houses 12, 1). Redheads vs Controls.

Table 7 compares all data for consistency and amount of variation for the hypothetical Zone 1 preference for Mars distribution in redhead populations.

Eight of eight redhead groups prefer Zone 1; and do so by the enormous average of 10.55 (7.64 sans R5).

Five of eight control groups prefer Zone 1, and do so by an average of only 0.51.

Table 8: Zone Variation for Zones 1 (equal houses 12, 1) and 2 (equal houses 2, 3). Redheads vs Controls.

Table 8 compares all data for consistency and amount of variation for the hypothetical Zone 1 preference for Mars distribution in redhead populations.

Seven of eight redhead groups prefer Zone 1; and do so by an huge average of 9.0 (6.35 sans R5).

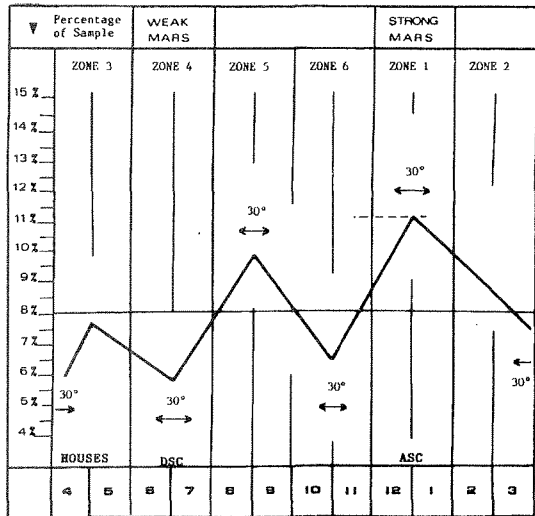
Six of eight control groups also prefer Zone 1; but do so by an average of just 0.71

Table 9

Mars distribution patterns in redhead populations typically remain slightly below the expected mean through Zones 2, and 3, and then dip again in Zone 4. (Figures 2, 6-10). This is not a very dramatic section of the "redhead curve". Because space is of

THE "REDHEAD CURVE": Mars distribution pattern typical of redhead populations. Rise and fall of sample percentage over expected frequency levels occurs within 30° of one (or both) sides of the equal house cusps displayed below; at amplitudes ranging from .50-7.0% above/below expected frequencies.

FIGURE 5



essence, Table 9 presents below the total redhead (redhead group "A") and total control group mean average for these three consecutive zones:

| | Zone 2 | Zone 3 | Zone 4 |
|----------|--------|--------|--------|
| Redheads | 15.8 | 13.7 | 13.4 |
| Controls | 17.48 | 14.8 | 16.9 |

DISCUSSION

Redhead groups display a considerable directional consistency of Zone preference/anti-preference for Mars distribution at birth throughout the circle of diurnal motion. Preferred/nonpreferred zones are consistent (in the vast majority of cases) to Hill's description of a "redhead curve" for Mars distribution at birth in redheads. It should be noted that results for the largest new redhead groups R2 and R6 were witnessed after formally defining the redhead curve; and cannot be regarded as pilot studies in this regard. Large control groups do mimic the redhead curve slightly through Zone 6, 1, and 2 (equal houses 10, 11, 12, 1, 2, 3); doing so by small increments of percentage and remaining nearly flat in distribution through these zones. Small control groups present a divided picture — half the time performing in the reverse direction of the similarly-sized redhead groups by marginally favoring Zone 6 over 1. (Figures 3, 3B, 8, 9)

Redhead groups strongly prefer Zone 5 (equal houses 8, 9) over Zone 4 (equal houses 6, 7) and Zone 6 (equal houses 10, 11). Large control groups do not. Instead, the large controls definitively prefer Zone 6 over Zone 5 — in reverse of the redhead trend. Small control groups appear evenly divided. (Figures 3, 3B, 8, 9)

Large control groups appear largely flat and divided as to Zone preference through Zone 4 (equal houses 6, 7) and Zone 5 (equal houses 8, 9). Small control groups, in one voice, prefer Zone 4 over 5 — in opposition to the redhead preference (Figures 3, 3B, 8, 9).

THE MARS-REDHEAD CURVE: CONCLUSION

Redhead groups extant, viewed wholistically, present a highly

consistent Zone preference trend for Mars distribution at birth throughout the circle of diurnal motion. (Figures 6-10 and Tables 1, 5, 6, 7, 8). The Small control groups of similar size and/or demography to the redhead groups do not replicate Hill's suggested "redhead curve" for Mars distribution at birth. These groups display predictably haphazard Mars distribution patterns, frequently in reverse of the redhead Zone preference (Part I & II, Figures 3, 3A, 6).

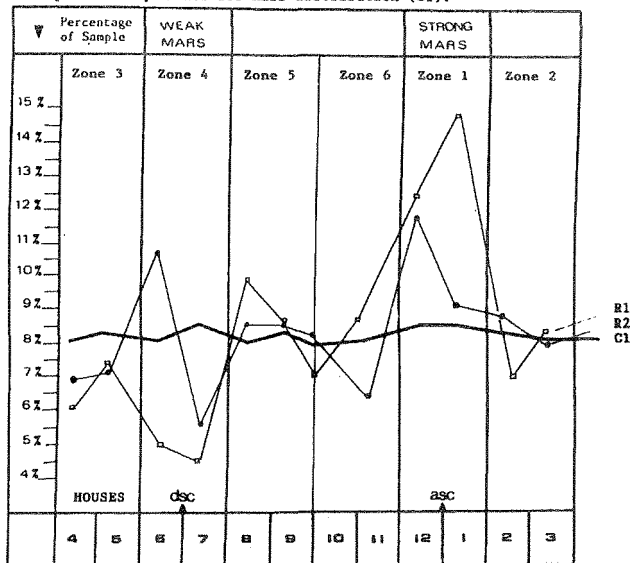
Large Control groups replicate half the redhead curve by tiny increments of sample percent, in comparison with the redhead average. See Tables 5, 6 and 8. However, Large Controls do not mimic the entire redhead pattern, instead preferring a reverse Zone preference to redheads, again by minimal increments of sample percent, in the remaining section of the curve. See Tables 6 and 9. Compare Figure 3 and 8.

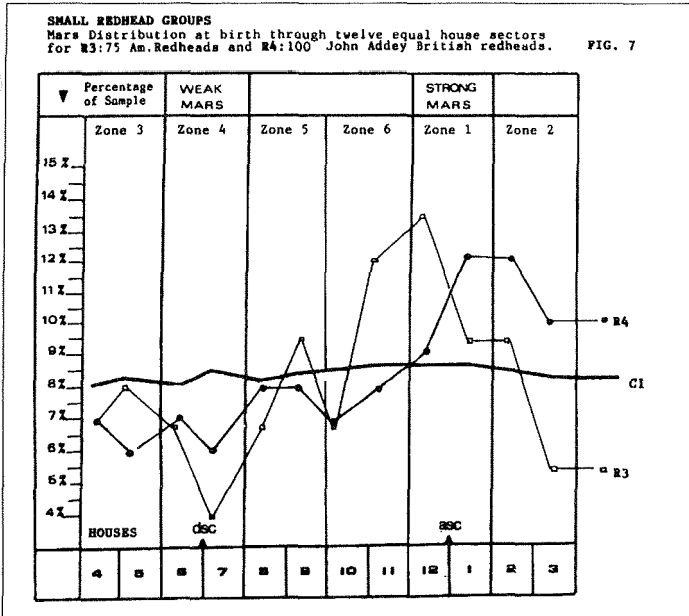
Because Zone variation in Large Control groups rarely exceeds 1.0, (and Small Controls 2.0) of total sample percent, we could suggest that any Zone over 3.0 is unusual. A Zone variation exceeding 5.0 could be considered very large, and over 6.0, remarkable. Redhead samples frequently display unusual, very large and remarkable Zone variations in the right direction of Hill's outlined Zone preference in redhead populations. Tables 1, 5, 7, 8 clearly display this significant difference between redheads control Zone variation. In general, redheads show both a Zone preference consistency and total sample percentage of Zone Variation (in the right direction of Hill's outline) unseen in Large or Small Control groups.

It is now apparent that the outstanding Strong/Weak Zone variations seen only in redhead populations (Part I, Table 1, Figures 4, 4B, 4C), are perhaps only the most blatant indice of a total Mars distribution curve pattern in redhead groups. Sufficient evidence now exists to suggest that Mars distribution at birth in redhead populations follows a pattern both unique to, and typical of, redhead populations.

LARGEST AMERICAN REDHEAD GROUPS: R1:500 and R2:374 total redheads. Mars Distribution through twelve equal house sectors at birth for two American Redhead groups as compared to each other and to expected frequencies for Mars distribution (C1).

FIG. 6





UNANSWERED QUESTIONS

There are many unanswered questions and this work is yet nascent. First, why does Mars appear to favor certain equal house sectors within the circle of diurnal motion for population sharing a specific genetic trait? How does this relate genetics with astrological rhythms? Could it be that specific genetic traits are reflected collectively in genetic "signature curves" for whole populations sharing the trait? Or is it rather, as Michel Gauquelin hypothesized that some groups inherit biological clocks⁹ sensitive to the motion of specific planets and therefore to birth when these planets transit preferred sectors of the diurnal wheel? And if this is so, then would not interference or changes in the earth's magnetic field — as influenced by latitude, longitude, season, sunspots²³ or weather compromise the sensitivity of such internal clocks? Could this account for the variation witnessed between the new British O'Neill and Steffert redhead group (R6) and all other redhead groups including American, Canadian and the earlier-era John Addey British redheads?

Is it possible that accuracy of hospital data varies with locality? Certainly this is a real possibility worthy of investigation. And what is the effect on our results by the removal of data from induced or c-section births? Frankly, I have not invested much time in answering this question and much research is needed. However, R1 and R2 results are not impacted by the removal of induced and c-section birth data. And what of Mars distribution and the Gauquelin sectors? Although this has not been my special focus, NCGR Research Director J. Lee Lehman Ph.D., addressed this question in her *Redheads and the Gauquelin Effect*¹⁰ using tests performed on R1 data.

If redhead groups possess a characteristic Mars distribution curve, would they also share an entire set of planetary distribution curves? Hopefully, time will allow me to probe this question.

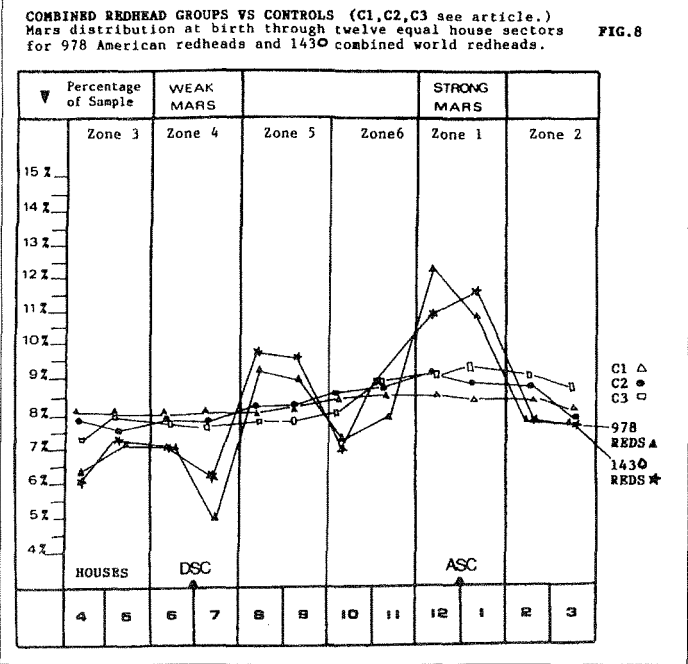
Interested readers may wish to begin their own collections of birth data of naturally redheaded people. It would be especially useful for new redhead samples to be collected from the San Francisco Bay Area, locality of Hill and Thompson's first efforts. A sister sample of this kind would be particularly useful in answering

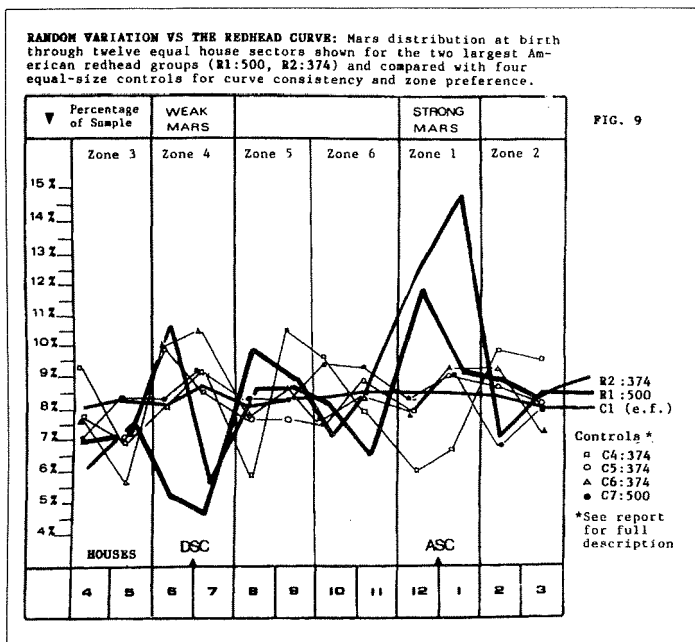
some of the key questions regarding demography, electro-magnetic²³ fields and Mars sensitivity at birth in redheads. Data collection must follow the guidelines set forth by Redheads Research (see R2) and all data must be collected, opened, computer entered and analyzed according to the strictest scientific standards by persons not known to be overtly biased (pro or con) a positive result.

TOWARDS AN ASTRO-GENETIC THEORY

The experiments of chemist Lily Kolisko (1920s-60s) suggest that metals in solution can be observed to respond to specific astological conditions, i.e. the conjunctions of their traditionally associated planet with the Moon. These ancient planet-metal correspondences are as follows: Mars:iron, Venus:copper, Mercury:mercury, Jupiter:tin, Saturn:lead, Sun: gold, Moon:silver. It is the Mars-iron connection that concerns us here. Ferrous sulphate (iron) when mixed with silver nitrate will form interesting designs on dipped filterpaper. In fact, each metal in solution will form "signature" designs unique to themselves. Following the intuition of Dr. Rudolf Steiner, Lilly Kolisko discovered that just after the Moon's exact conjunction with Mars, the otherwise predictable ferrous sulphate designs would all but disappear. Similar results were obtained with ferrous sulphate for Mars-Saturn conjunctions, lead for Saturn-Moon conjunctions and with gold chloride for Solar eclipses. Similar results were later obtained by Dr. Rudolf Hauschka (1949)¹¹, Theodore Schwenck (1949)¹¹, Karl Voss (1964)¹¹, Agnes Fyfe (1967)¹¹, and Michael Drummond (1976)¹¹.

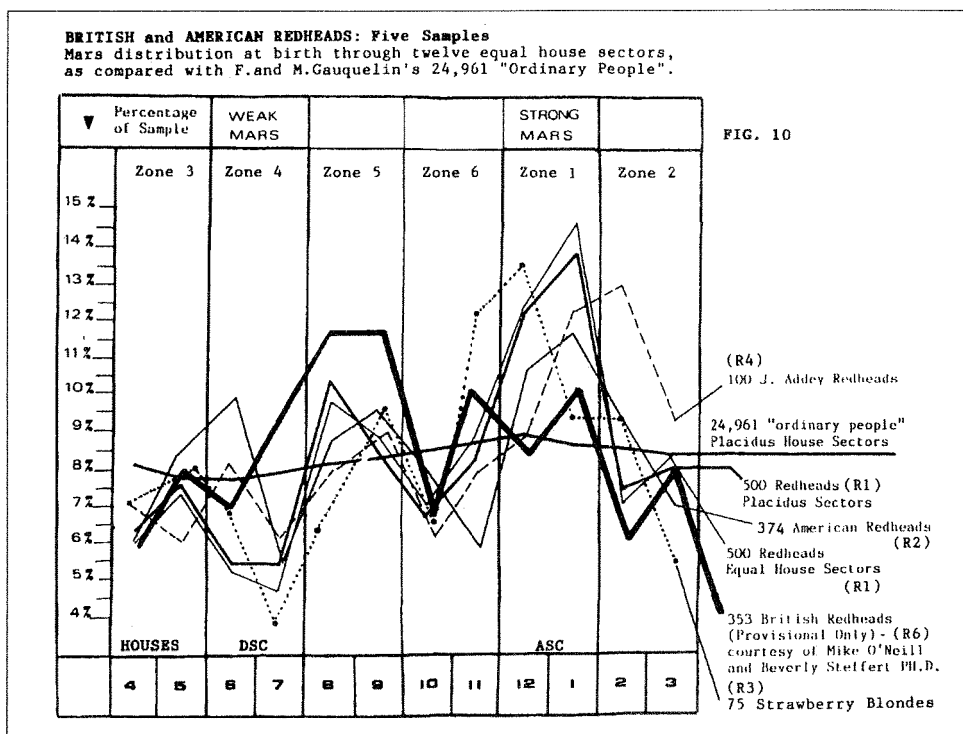
So what has this got to do with the Mars-redhead curve phenomenon? Red hair is red because of the presence of an abundance of trichosideran, a chemical compound made partly of iron and found only in red hair. (Redheads possess at least two other unique physical attributes directly related to the astro-physical associations with Mars. See: *Medical Anomalies and the Mars-Redhead Link*³ by Judith A. Hill, NCGR Journal Winter 88-





89.) Perhaps enutero redheads respond — through the astral conductivity of iron, to the movements of Mars much as does ferrous sulphate to Mars' conjunction of the Moon. An outlandish theory? Perhaps. And yet the answering of "why" and "how" the Mars-redhead curve occurs will no doubt entail some interesting, if not far out speculations!

We know that males possess more iron in their bodies than females and that females have more copper in their bodies than males.² Curiously, today's medical books still use the astrological symbol for Mars to denote male gender and Venus for female. The metal connections to physical types appear to be very ancient.



Perhaps each of the traditional "planetary types"¹⁴ will be found to possess more of their traditionally assigned metal than the norm. It would be interesting to view the Gauquelin heredity experiments¹⁶⁻¹⁹ in the light of planet-metal body types. According to Gauquelin¹⁶ parents and their children were more likely than chance factors alone would permit — to share at birth the same planets in key Gauquelin sectors. Do parents and their children who share, for example, a similar birth placement of Venus; also share Venus' physiognomical type and thus an inherited sensitivity to Venus' motion via a physical abundance of Venus' metal copper?

Of course, we all have some iron in our bodies and it would be silly to think that redheads somehow corner the market on Mars-iron responsiveness. Other groups, such as top achieving athletes, doctors and generals have been demonstrated by the Gauquelins²⁰ to possess birth distribution curves for Mars unique to themselves and not occurring in random populations.

The graphic evidence here does not imply that non-redheads have no "Mars-responsiveness" at birth, but rather that redheads when viewed as a group — possess a sort of "signature" Mars response visible as a distinctive "redhead" Mars distribution curve. (One might add that the redhead curve differs from the Martian birth curves associated by the Gauquelin's with specific vocational groups). Apparently, redheads prefer to be born when Mars tenants certain equal house sectors and prefer not to be born when Mars transits others.

Perhaps the greatest question of all is, "Why pursue the research of planetary distribution curves in redhead populations?" Although astro-psychological research is intriguing, it is also complex and positive results obtained are easily challenged on grounds of subjectivity, culture, expectation etc. Not so red hair. If astrology works, then physical anomaly must reflect itself — no matter how subtly in the planetary patterns of those who possess this specific genetic trait. It would seem that the research of astro-genetic correlations would be one of the most fruitful routes open to astrologers hopeful of "proving" astrology's validity to the skeptical inquirer. John Addey put it very well by stating, "...order by its very nature is distinguished by law; one cannot have order appearing and maintaining itself by chance. It is to the discovery of these laws of genetic astrology that we suggest astrologers should now be addressing themselves."

EPILOGUE

Redheads Research has submitted all data collected under its auspices to outside neutral testing. Past participants in data examination and testing are: Gary S. Antonacci, J. Lee Lehman Ph.D., Mike O'Neill B.Sc., Beverly Steffert Ph.D., and Mark Pottenger. Redheads Research data remains in the custody of four eminent members of the astrologi-

cal research community plus Judith A. Hill and Jacalyn Thompson. Discussions are underway regarding a public data release of all Redheads Research data for 1997. Research remains in progress. Redheads Research is now seeking the assistance of someone qualified to develop statistical testing methods for comparative curve-analysis and zion-variance testing for planetary distribution within the circle of diurnal motion. ■

REFERENCES

1. See "Notes": 1
2. Mark Urbain Lurain, *Astrology as Science: A Statistical Approach*, AFA Inc, 1981
3. Lois Rodden, *The American Book of Charts*, Astrocomputing Services, 1980
4. Judith A. Hill and Jacalyn Thompson, *The Mars-Redhead Link*, NCGR Journal, Winter 88-89
5. Mike O'Neill B.Sc., Time-Switching Control Applied to Hill and Thompson's Redhead Data, Correlation June 1991,
6. Françoise Gauquelin, *The Nycthemeral Expectancy*, Astro-Psychological Problems 3, 1, 1985
7. Judith A. Hill, *Commentary on the John Addey Redhead Data*, NCGR Journal Winter 88-89
8. Stephen Douglas, *The Redhead Dynasty*, New Style Communications, 1987.
9. Michel Gauquelin, *The Cosmic Clocks*, Avon, NYC, 1969
10. J. Lee Lehman Ph.D., *The Redheads and the Gauquelin Effect*, NCGR Journal, Winter 88-89
11. Nick Kollerstrom, *The Metal-Planet Relationship*, Borderland Sciences Research Foundation, Bayside, California 1993
12. Alison Davidson, *Metal Power*, Borderland Sciences Research Foundation, Bayside, California 1991
13. Judith A. Hill, *Medical Anomalies and the Mars-Redhead Link*, NCGR Journal, Winter 88-89
14. Judith A. Hill, *The Astrological Body Types: Face, Form, and Expression*, Stellium Press, Portland OR 1993
15. William Benham, *The Laws of Scientific Hand Reading*, Hawthorn Books Inc, NY, 1946
16. Michel Gauquelin, *L'Heredité Planétaire*, Denoel, Paris 1966, pp 92-93
17. Michel Gauquelin, *Journal of Interdisciplinary Cycle Research*, no. 2, 1971, pp Z27-3Z
18. Paul Choïnard, *La Hoi d'Heredité Astrale*, Chacornac, Paris, 1919
19. Karl E. Krafft, *Traite d'Astrobiologie*, Legrand, Paris, 1939
20. Michel Gauquelin, *Birthtimes*, Hill and Wang, NY 1983
21. Downing, Mary, *The Redhead Log*, NCGR Journal, Winter 88-89
22. John Addey, *Harmonics*.
23. Buryl Payne, Ph.D. *The Comet Jupiter Collision: July 16-23, 1994*, The Mountain Astrologer, July 1994.

NOTES

1. Claudius Ptolemy, *Tetrobiblios*, 140 A.D., Book the Third, Chapter 16, The Form and Temperment of the Body: "Mars ascending gives a fair ruddiness to the person ... and the hair of the head light or red..."
1. William Lilly, *An Introduction to Astrology*, 1647, Chapter 7 – Of the Planet Mars and His Several Significations: "...their hair red or sandy and may be crisp or curling..."

Brihat Parasara Hora Sastra, Chapter 3, Planetary Character and Description, pg 32, Description of Mars: "Mars has blood red eyes..."

1. William Benham, *The Laws of Scientific Hand Reading*, 1946, (Hawthorn Books, NY), Chapter 23, page 284: "The Martian... the hair is short, stiff, sometimes curly and of an auburn or red color."

1. Sefharia, *The Manual of Astrology*, Wholesale Book Corp, NYC, 1972, Book 2, Chapter 1, The Bodily Form, Defects and Accidents: "...Mars exactly rising produces red hair."

1. Alan Leo, *The Art of Synthesis*, The Astrologer's Library, NY, 1978 (first published 1913), Chapter 8, Mars the Energizer: "...Mars represents a person who is active, strong, energetic, muscular,... hair sometimes red, but not invariably so, occassionally black and often curly or wiry."

1. *History and Astrology*, Edited by Annabella Kitson, Unwin Hyman Limited, London, 1989, Chapter 2, pg 20, questions Questions About Theft: "If his indicator is Mars, then he will be red in color with reddish, lanky hair..."

2. Nick Kollerstrom, *The Metal-Planet Relationship*, Borderland Sciences Research Foundation, 1993, pg 58, par 4.

2. Alison Davidson, *Metal Power*, Borderland Sciences Research Foundation, 1991, pg27, par6,7, and pg 38, par 2.

ACKNOWLEDGEMENTS

THE AMERICAN REDHEADS REPLICATION PROJECT VOLUNTEERS

DATA COLLECTORS

Roxanna Muise, Susan Turner, Shelley Brubaker, Rhonda Hoefs, Jennifer Griffith, Sue Scott, Bev Mustin, Dennis Flaherty, Marjorie Hunt, Cathy Brenner, Trish Turchiarolo, Rosemary Ardis, Sethyn Bryan, Cathy Bennett, Pam Leneve, Janis Mennona, Sherry Stole, Donna M. Jaeger, Kathryn Alsworth.

PROVISION OF PRIVATE DATA COLLECTIONS

John Addey, Ron Bippus, Beverly Steffert Ph.D..., Mike O'Neill B.Sc., Jacalyn Thompson.

DATA MONITORS

Robert Wambach, Ph.D..., Susan Payton.

COMPUTER ASSISTANCE

Mark Pottenger, Mike O'Neill B.Sc.

CONTROL GROUPS

Mark Pottenger, Jacalyn Thompson, Lois Rodden.

STATISTICAL ASSISTANCE

Mark Pottenger, Mike O'Neill B.Sc.

EDITORIAL ASSISTANCE

Mark Pottenger, Susan Payton.

Research continues with the Redheads Project by independant researchers. Statistics are in the process of being retested in 1995-96. Judith Hill will be featured in the 3rd Quarter of BORDERLANDS with an article on The Planetary-Seismic Connection.

WEIRD ROCKS

of New Zealand's West Coast

by Tom Brown

This is the first of an occasional column which will be used as a "work site" for examining geological curiosities and anomalies that I come across in my travels and studies. It is a column from which I hope to elicit response, both favorable and unfavorable, and for which I hope to elude submissions of further information. The purpose is to help us all attempt to understand the planetary structure, as applied mainly to our Earth, but necessarily encompassing our planetary neighbors.

The Geological Column, as represented at left, will be used as a basic guide through all of these columns so that the reader may understand the terms used and their accepted place in the evolution of earth to its present state. The general plan is to examine the entire column in a "Geothean" manner in order to bring us to a dynamic comprehension of our planet. This will be done both in an ordered fashion as well as a chaotic fashion, as both principles apply to the column. The fossil record, an integral component of the stratigraphic column, will of course be an important guide in these explorations.

As any New Zealander will tell you, only the South Island (of the main two) has a "west coast". It is an area generally isolated by geology (the mountainous spine of that island) and climate (some of the heaviest rainfalls in the world). The "West Coast" district is an area never more than 25 miles wide between mountain and ocean, but it contains a geological wonderland of strange limestone forms, coal measures, and other curious rocks. The Paparua Range is a mountainous area, covered in native "bush" (what Americans would call jungle) full of caves and cliffs, with the occasional river disappearing underground. One may even take raft trips through the underground streams—New Zealanders are into thrilling sport. Abundant Tertiary coal measures have fed a continuous mining industry. The Southern Alps to the south and east provide glaciers, gold and greenstone (a nephritic jade).

At Cape Foulwind, near Westport, one can find a curious phenomenon known as the "Fitting Boulders". These are granitic gneiss (Constant Gneiss) boulders which are independent, but fitting so closely together as to seem as one fractured unit. While listed in geological books as being found about a mile south of Cape Foulwind in coastal cliffs, I found that the boulders right at the Cape also contain this same formative pattern. Figure 1 is a photo of a segment of a cliff at the Cape where this phenomenon takes place. Figure 2 is a drawing of a section of fitting boulders in the cliffs about a mile to the south. It is hypothesized that these boulders are scree from higher cliffs that have fallen to within the spray zone, and that the oceanic location somehow has a major bearing upon this formative curiosity. Similar phenomenon is said to be found along Australia's east coast, across the Tasman Sea.

This "fitting boulder" phenomenon can be found for several dozen miles south of Cape Foulwind. To the south we find Constant Bay, near the town of Charleston. Constant Bay itself is formed from gneiss (hence the name Constant Gneiss) which has the appearance of compressed rocks as shown in Figure 3. Upon close observation it can be seen that these are generally independent rocks compressed by some formative force into the masses we see today. A skeptic will say that these are merely cracked rocks, and in some instances it seems so, as colored seams can be seen through several of the sections. However, close observation

| | | | |
|-------------|------------|---------------|-----------------------|
| Phanerozoic | CENOZOIC | Quaternary | Holocene |
| | | | Pleistocene |
| | | Tertiary | Pliocene |
| | | | Miocene |
| | | | Oligocene |
| | | | Eocene |
| | Paleocene | | |
| | MESOZOIC | Cretaceous | |
| | | Jurassic | |
| | | Triassic | |
| | PALEOZOIC | Permian | |
| | | Carboniferous | |
| | | Devonian | |
| | | Silurian | |
| | | Ordovician | |
| | | Cambrian | |
| | Cryptozoic | PRECAMBRIAN | Proterozoic |
| | | | Archeozoic (Azoic) |

THE GEOLOGICAL COLUMN

will show that these are truly mosaics of independent rocks which have been pressed back together after their original shattering. This appears to be a slightly different phenomenon than the fitting boulders found both north and south of the bay as the entire bay is comprised of this compressed mass, whereas the fitting boulder phenomenon is found in larger rocks along the cliffs.

While the above mentioned rocks are little known outside of geological curiosity books, the Pancake Rocks at Dolomite Point, Punakaiki are promoted as a tourist attraction, and rightly so. Situated on a beautiful stretch of coastline south of Charleston, Pancake Rocks are a dramatic curiosity as seen in Figure 4. Formed of Potikohua

Limestone said to have been deposited during the period approximately 33-22 million years ago, mainly as Oligocene (Tertiary) deposits, but spanning the Oligocene/Miocene boundary. The layering is formed from resistant bands of limestone separated by bands of softer mudstone. The standard textbook explanation is that mechanical weathering has made the limestone layers stand out in relief. Several theories exist as to the nature of these layered deposits. Originally it was thought that the limestone and mudstone were laid down during alternating periods of deposition. Now it is considered that the limestone was subjected to great pressures which caused the mudstone layers to

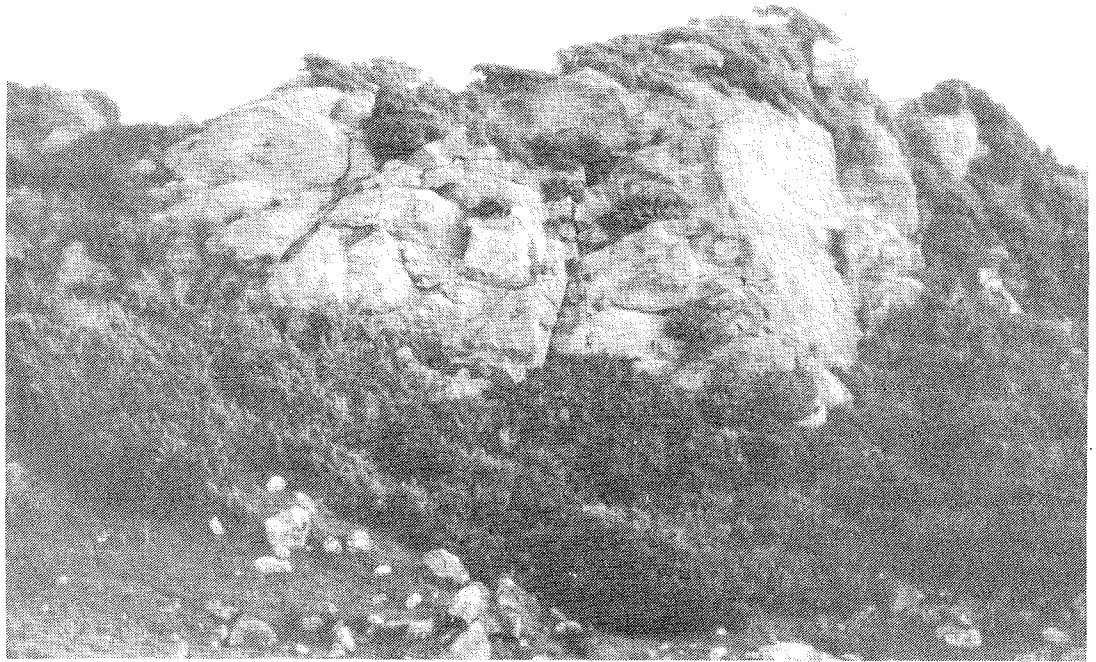


Figure 1, Cape Foulwind, New Zealand

form in a Rube Golderberghish secondary process named *stylobedding*, whose signature is found occasionally in limestones around the world. Great pressures are evident all along that stretch of coastline.

There is a major "unconformity" or "hiatus" in the stratigraphic column at Punakaiki, meaning that there is a large section missing. Unconformities are referred to as "periods of non-deposition and erosion" which in this area stretches from the Paleozoic era, around 400 million years BP to the Eocene coal measures found locally (about 47 Million years BP). This means that the entire Mesozoic Era is missing, consisting of the Triassic, Jurassic and Cretaceous periods, which of course are easily found elsewhere on the island.

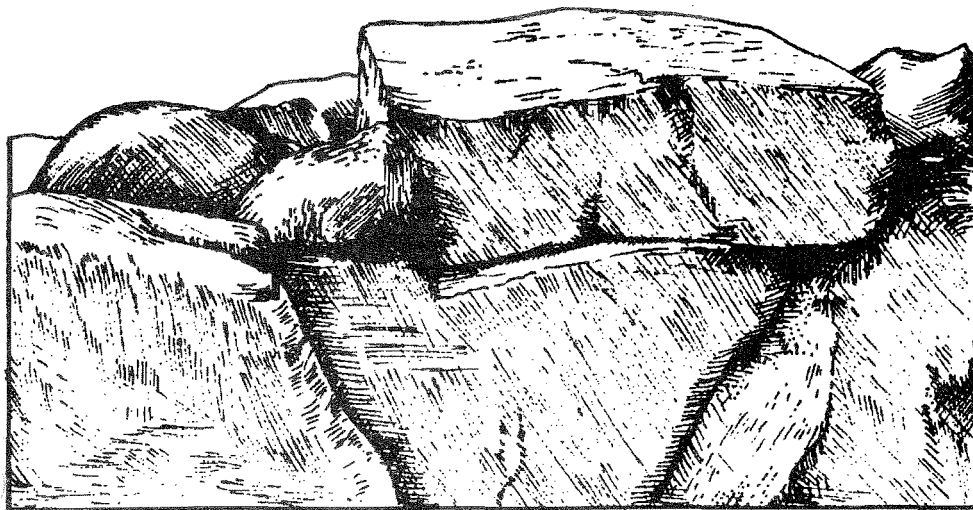


Figure 2, Fitting boulders south of Cape Foulwind, NZ

Unconformities may seem to make sense as a simple write-off of the problems they present, but when one maps them out they present immense difficulties in accepting the generally accepted formative process of the geological column. In the American Southwest unconformities abound, but the periods they cover vary from locale to locale, often only miles apart, but allegedly spanning tens of millions of years of "non-deposition and erosion". In the Grand Canyon there is a 200 million year unconformity with a further anomaly—the two layers are intertongued, with the same



Figure 3, Constant Bay, Charleston, New Zealand

micaceous shale found in both members. In a global sense unconformities are quite an anomaly considering their randomness. They seem to indicate catastrophic action on a global scale. Catastrophism is a concept becoming more accepted in geology these days, with the cometary dinosaur extinction theories having gained popular acceptance after the global mapping of the iridium layer at the Cretaceous/Tertiary (KT) boundary. But there are many anomalies associated with the KT boundary which bring the comet theory into question, and which will be explored in future columns.

To add to the mystery of unconformities, there are also "extra" layers which do not fit the general dating scheme. Deep under the American Midwest there is a member of ancient stratified rock, potentially Precambrian, but certainly not easily fit into the general formative scheme. What is most curious about this deposit is that it is up to three miles thick in places — one giant anomaly — a bit too big to sweep under the rug, because it is the rug!

Another curiosity of limestones in general are the consistencies of the deposits over large areas and over millions and millions of years. Personally I question the "yearly deposition" theory, based largely on this obvious consistency (though also heavily based on "crossbedded" sandstones—a theory to be discussed in future columns). At Punakaiki the limestone deposits are formed from vari-

ous marine organisms, some of them tiny, such as the Bryozoa, but well ground sea urchin and shellfish fragments are thoroughly blended throughout the entire member. In fact the entire limestone member is a rather consistent cement, broken only by the thin mudstone layers. This amazing consistency, we are supposed to believe, was upheld for about 10 million years in one localized area, even though 200 million years of previous geological records are completely absent. The dating of these rocks is based on a global consideration of the general sequence of life forms found within them. Thus a fossil layer found in New Zealand is given the same "age" as a similar fossil layer found either in Asia, America, Australia or Africa.

What is apparent at Pancake Rocks is the pronounced effect of the compressed formative force which can be seen along the West Coast both to the north and the south. That this formative force pervades igneous, metamorphic and sedimentary rocks shows it to be peculiar to this west coast area. Compressed stratigraphic lines also provide a dramatic entrance when driving into the town of Greymouth from the north. Further to the south are the fjords, which may provide further clues when investigated. One curiosity which may provide a clue is the "Bird's Eye" coal found in the Paparoa coal measures (Figure 5) around Greymouth. While many

curiosities are found in coal measures worldwide, and will be brought up in future Columns, this Bird's Eye pattern appears to be unique to the West Coast. It is hypothesized that this pattern is caused by intense tectonic stresses, another signature of the compressive formative force evident up and down the coast.

While many other geological curiosities abound in the Land of the Long White Cloud, from loess deposits and a rhythmic pattern of raised marine terraces to out-of-place strata, they will be explored in future *Weird Rock* columns, along with any other weird rocks found on this planet—or its nearby neighbors! Readers are welcome to submit pictures of strange and curious rocks in their localities, or found on their travels, and of course musings on their origins or occurrences are most welcome.

References

1. Thornton, Jocelyn, *Field Guide to New Zealand Geology*, Reed Books, Auckland, 1985
2. Corliss, William R., *Science Frontiers: Some Anomalies and Curiosities of Nature*, Sourcebook Project, Glen Arm, Maryland, 1994
3. Corliss, William R., *Unknown Earth: A Handbook of Geological Enigmas*, Sourcebook Project, Glen Arm, Maryland, 1980
4. Corliss, William R., *Neglected Geological Anomalies*, Sourcebook Project, Glen Arm, Maryland, 1990
5. Corliss, William R., *Anomalies in Geology: Physical, Chemical, Biological*, Sourcebook Project, Glen Arm, Maryland, 1989

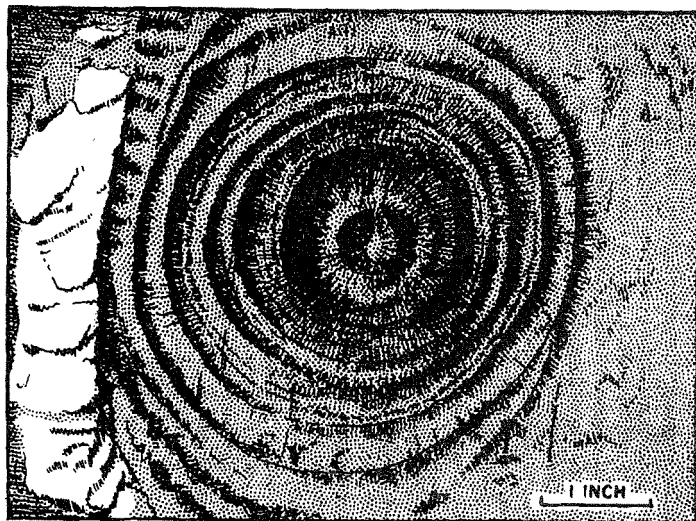


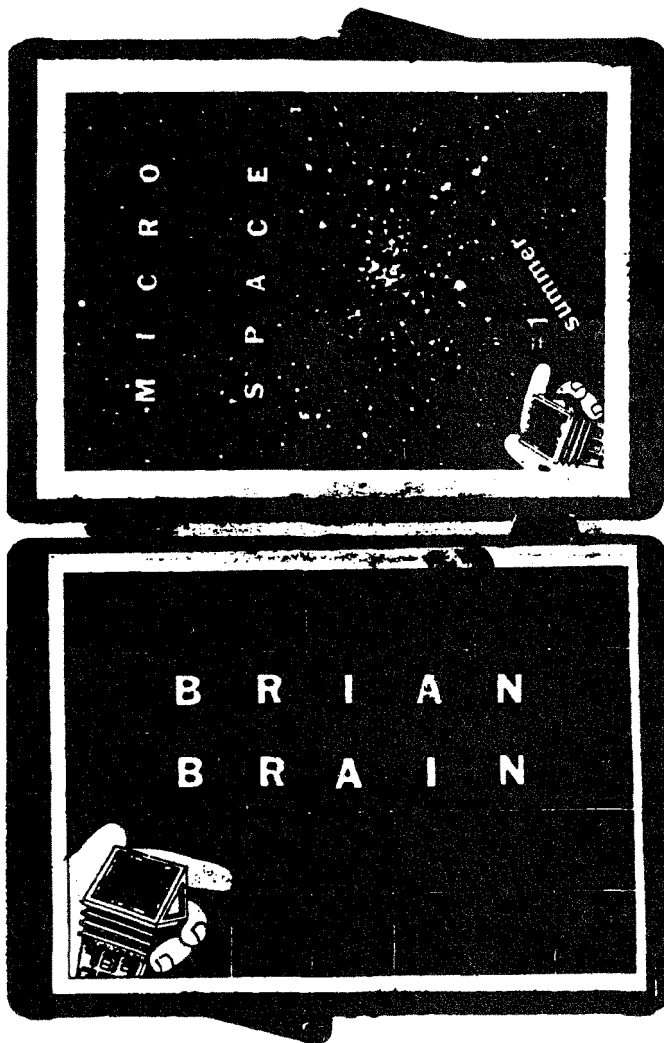
Figure 5 (above), Bird's Eye Coal, Paparoa Coal Measures, Greymouth, New Zealand

Figure 4 (below), Pancake Rocks, Punakaiki, New Zealand



UFO MIND GAMES

Eugenia Macer-Story



Strange helicopters are sometimes seen accompanying aerial “ufo” appearances. At times these rogue copters will exhibit behavior which is not actually possible for a normal hovercraft. They may (as one example) approach closely to the ground without generating the strong wind usually caused by the control rotor.

These mystery copters are often perceived as black or gray. A helicopter mythology similar to the “men in black” mythology has developed among “ufo” buffs. Speculation about the origins of the helicraft ranges from legends of the Roman Deus Ex Machina embedded in the collective unconscious right on through rumblings about contemporary military conspiracy and as far out as shape-changing vehicles of extraterrestrial origin.

Since no one has as yet gotten one of these dark copters in a net or even clearly in a radar screen, it is hard to give any general description of the phenomenon. Specific sightings have regularly been reported by eyewitnesses who are usually unprepared for the experience. Sometimes people “hear” a mystery copter and run outside to view an anomalous formation of vehicles or lights in the sky. Sometimes people “see” a dark copter but do not hear the usual copter noises,

In an effort to document a possible government use of rogue copters, one New York City ufo buff photographed unmarked helicopters on the ground at MacArthur airport on Long Island. She stresses that these particular aircraft are suspicious because the FAA requires aircraft to bear visible markings. But of course these helicopters were on the ground and it is actually quite difficult to successfully link a widespread “dark helicopter” phenomenon with one instance of unmarked aircraft on the ground.

It is possible that in the search for military cover-up and/or civilian conspiracy experts in the “ufo” field are trying to rationalize “dark copters” which are actually supernatural.

Dr. Jean Mundy, a psychologist who counsels people claiming traumatic ufo experiences, recently had an interesting encounter with the “dark copter” phenomenon.

Dr. Mundy had made arrangements to see a person she describes as a “lifelong contactee”. This woman has for many years experienced “alien presences.” In one instance (for example) the contactee remembers aliens entering her bedroom and lifting her up about a foot from the surface of the bed. At this point, perhaps for some obscure purpose, they dropped the started woman back onto the bed suddenly, without explanation.

This bedroom incident and other similar topics had been discussed over the telephone prior to the contactee’s arrival at Dr. Mundy’s house in the “Hampton” area of Long Island. As Dr. Mundy and her client were chatting, the subject of “agents” and possible surveillance of persons publicly interested in the ufo issue entered the conversation.

Within seconds of Dr. Mundy’s mention of helicopter surveillance, a loud noise was heard outside the window. Surprise! Actual black helicopters aloft over the shoreside cottage!

At first when Dr. Mundy discussed the black copter incident with this reporter she speculated about a possible phone tap and a rogue interest group of some sort actually knowing of the contactee’s visit by phone tap or other ordinary means. Then after a few days had elapsed, Dr. Mundy began to speak of telepathy.

“I think I mentioned the helicopters,” she told me, “because I somehow sensed that they were nearby.” This introduces a very important complexity into the investigation. Were the dark copters there because they were materially “sent” by persons who may also have tapped the telephone? Or were these small hovercraft there on Long Island for another purpose? Did they coincidentally fly over just seconds after Dr. Mundy sensed a “copter” presence? Is this simple telepathy and/or synchronicity or is this “dark helicopter” incident “supernatural”?

Is there a mental force or presence which is playing with Dr. Mundy's perception of the rogue helicopter event? This is the central question which investigators into this phenomenon must ask themselves. The reporter or investigator (even when trained as a psychiatrist or psychologist) is ALSO subject to the mind-bending ambivalence of the "dark copters."

This ambivalence goes beyond simple "double-think." There is also a failure of cameras to unambiguously record alleged ufo sightings. At a New York City area MUTUAL UFO NETWORK meeting in March 1992, a man displayed a video of a "ufo" he had seen hovering near his apartment building. Indeed, a bright light with a dim central area did hover in the sky for about five minutes on his tape. He was sincere. He believes he has taped a ufo.

However, at the end of the sighting recorded on videotape a small light appears to the left of the "ufo light." Suddenly a trained pilot present at the meeting shouted out: "That's a helicopter! That's the tail light of a helicopter!" Maybe the entire incident involved a helicopter first hovering and then turning to the right, so that the tail light is displayed at the left side of the screen beside the larger light.

Perhaps when people see lights becoming helicopters or helicopters becoming lights they are simply seeing a version of the "shape-changing" effect experienced by "dark copter" witnesses. Behind the powerful front light of a copter, the tail cannot be seen unless the vehicle veers to one side.

But technical analysis does not provide an answer to the "phantom helicopter" question. Multidimensional mental impact cannot be photographed. The split second synchronicity of Dr. Mundy's "Mention a copter—Get a copter" experience cannot be rerun exactly on tape because it involves the cognitive participation of the witnesses who experienced the aerial vehicles at the same time as they had just mentioned them in conversation.

Several theorists on the ufo phenomenon have spoken of the existence of a cunning, predatory force which tends to preternaturally induce misconception and confusion. Comments could be made which create the impression that the two helicopter incidents described in this article were *deliberately* confusing. But is this true?

If I do not understand a mathematical equation or the plot of a novel, it is not necessarily true that the mathematician or novelist has *deceived* me. It may simply be true that my own receptor capacities are not ready to receive the information.

Perhaps persons negatively confused by the "dark copters" should study the situation more carefully before jumping to the conclusion that deliberate deception is being practiced on the material level. Maybe something is happening which is beyond easy, surface-oriented comprehension.

Actually, it is not really necessary to "understand" supernatural events. It is only necessary to observe these events and recognize them. Is it necessary to "understand" a tree in order to see the tree?

In Spain, people used to see the black "death coach" pass right before a sudden or violent death. It looked solid. Sometimes it was silent. But sometimes the hooves of the black coach horses were heard outside a house, drawing people to the window. The "dark copter" certainly is not an omen of death but it has become an omen of "other dimensionalities." A person is apprehensive when seeing a dark copter and does not expect "space brothers" to exit from it.

But are the helicopters Dr. Jean Mundy and her client saw on Long Island actually from another dimension or are they the unmarked helicopters which have been observed to park at MacArthur airport, which is also on Long Island? If they are ordinary copters, what were they doing over Dr. Mundy's cottage just at the hour she was interviewing a woman who claims interference from ufo aliens?

Why would this obscure meeting between a psychologist and her client cause vehicles to scramble from a local airport? Or is the causality of this occurrence being engineered by a force or intelligence which is beyond our customary mundane comprehension? Traditionally, the interdimensional engineering of an event is called "sorcery."

SPACE SORCERY

Notable instances of sorcery involve a "surprise" factor due to the violation of ordinary causality. Miracles, like accidents, involve an irrevocable alteration in the expected flow of mundane events. Just as it is futile to cry over spilled milk, it is also futile to attempt to "undo" the perception of an unexpected apparition or the sudden healing of some physical injury.

"Brian Brain" fell out of my index card file just as I was gathering material to write the first draft of this article several years ago. This item is a collection of renderings of triangular spacecraft which was presented to me in 1978, the year it was copyrighted. On the flip side of this tiny 3½ x 2½ case is written the word "Microspace." The illustrations are really very tiny. In order to examine these drawing as I write this article, I have had to enlarge them.

I wish now that I had paid more attention to the person who presented this case to me. She was a student in a course on ufology which I taught for one of the adult education centers in New York City. She told me that her boyfriend had made the drawings and wanted my opinion of them. But she also told me that she had once been affiliated with a witchcraft coven in Los Angeles and described sessions of "spirit conjuration" she had attended while in California.

This was before the sightings of triangular and boomerang-shaped ufos which mystified the Westchester and upper Hudson Valley area during the early 1980's. I simply filed the tiny case of triangular spacecraft renderings in my 3x5 index card box and forgot about it. I had forgotten about it so completely that I never thought to wonder about the triangular drawings in terms of the sightings of triangular ufos in Westchester county.

In fact, I had even forgotten that the "Brian Brain" box did contain a miniature foldout of "spacecraft" renderings. I forgot where I had filed it. I had forgotten that it existed. I began to remember "Brian Brain" only because in early 1990 I began to get a series of crank calls asking for "Brian." I tried in context of these calls to remember anyone I had known named Brian.

I managed to remember one ufo contactee on Long Island named "Brian" who had seen a neon sign-like ufo in 1978. I wrote about this sighting for METASCIENCE magazine. But this was a "regular" situation involving the sighting of a ufo by construction workers. Nothing had been particularly odd about "Brian's" report except the ufo itself. At that time, in trying to understand the possible origin of the crank calls, I remembered the witch's "Brian Brain" box, but could not remember where I had put this item.

While reaching for a folder on another topic related to sorcery, my elbow hit the box of index cards, which spilled all over the floor. Among these cards was the long forgotten "Microspace" box. When I looked inside the little box and saw the renderings of triangular spacecraft, "time windows" and "gravity shadows", my first response was a grim, clinical delight. I got out a magnifying glass and examined the captions, one of which reads: "What is it?"

I studied the drawings carefully. They seemed to indicate that the spacecraft were geometric projections from microspace into the three dimensional continuum, and that beings traveling by this form of geometric projection could mask themselves by means of a "gravity shadow." The gravity shadow is seen in the drawings both as a close umbrella around the interdimensionally-traveling being, and as a curved

geometric "field" diagram.

Ideas of a "fluid window" and "still falls" are also presented in the drawings, as if water or another liquid could be made into a solid, fixed shape. Yet what does this mean? Did the artist have knowledge of the triangular ufo appearances before they made such a splash in the New York news? Or was the artist simply projecting such forms from his or her imagination?

I recall that the person who gave the box to me had said that the drawings were based on sightings made at a cottage in Massachusetts. In 1978, my first thought was that yet another Cambridge intellectual had flipped out mentally and was now drawing avante garde cartoons inside toy boxes. I did listen more carefully when the courier of the "Brian Brain" renderings told me that she had seen purple lights as part of a conjuration ceremony in California.

Where does the "sorcery" really come into this situation? I define sorcery as being the *deliberate* use of esp, pk and/or spirit conjuration in order to influence events or behavior. Obviously, a "Brian Brain" box bestowed by a person who acknowledged taking part in conjurations might be expected to have "sorcery" attached to it.

Somehow, this technological talisman found its way back into my attention just as I was about to write an article on ufos and aspects of the occult. Having given the "Microspace" box a brief review, I should move forward into the folder for which I was reaching when I knocked this tiny distraction off the shelf with my elbow. Possibly, energy connected with the situation I am about to describe was obstructing and/or facilitating the future narration of several anecdotes which seem to link ufo contact with supernatural and/or magickal activity rather than strictly paramechanistic effects.

A TECHNICAL TALISMAN

During the winter of 1981, an unusual plastic 'part' appeared on my kitchen table. I woke one morning to find it there, and have never been able to trace it to any piece of equipment I owned in 1981 or any known visitor who might accidentally have left it behind in my apartment. At the time, all sorts of explanations for the origin of the "part" were considered. I took a picture of this plastic cylinder with two short tubes attached to it and filed this picture. I kept the part itself for a time and then threw it out since I felt self-conscious about keeping a piece of electronic trash simply because it might have appeared on my table.

When I noticed the "part", it was lying on the table in front of the picture of a man from Mexico with an interest in Sufism. This person was going to drive me to a ufo site where I intended to interview several women who had seen ufos. Unlike the plastic "part", this trip never materialized. Various interpersonal complexities, including car trouble, prevented the journey from occurring as scheduled. At the time, I thought that the apport might have appeared in front of my friend's picture as a Sufic omen which warned him of the possibility of a car accident. He did have a strange experience with car failure during that period of time, and the "part" did resemble some cast off plastic casing of a car's hose connections, though it also resembled an electrical cable casing with two conduits.

In early December of 1990, I was disconnecting the wiring from the back of a TV set so that I could rig up a new monitor to display one of my videotapes as part of a gallery exhibit in the Soho section of New York City. As I began to unscrew the cable from the old electrical connection jack at the back of the TV, I realized with amusement that I was holding in my hand an approximate duplicate of the "mystery part" which had appeared on my table in 1981. I had not installed the cable box so I had not actually handled the connections until December of 1990. I had no cable service in 1981, when I was living in the renovated area of Hoboken, N.J. Hoboken is right across the Hudson River from

Manhattan and is only a ten minute subway ride from the city. TV reception was possible there without cable.

The "mystery part" resembled a light plastic version of the metal TV cable connection cylinder *without the wiring inside*. In November of 1990, I had become mildly re-concerned with the New Jersey area I had been scheduled to investigate in 1981, when the "mystery part" had appeared on the kitchen table in context of a canceled car trip.

After a MUFON meeting in 1990, during which investigator Gary Levine had shown slides of ufo lights, I had sent him a copy of a talk I gave in 1988 along with some slides of ufo light photos I had taken at the Wanaque Reservoir in New Jersey in 1981.

I have come to wonder whether the two areas of time (Winter 1980-81) and (Winter 1990-91) are somehow connected in an associative way which I do not consciously understand. Was the appearance of the "mystery part" a *deliberate* mental manipulation of some sort, similar to "sorcery"? Many different items could possibly "appear" as an omen of travel danger. Why was this item an approximate duplicate of the TV attachment I would handle during the same season of the year approximately ten years later?

The "Art of Memory" used to be an academic subject for ancient Greek and Roman scholars. Systems of mental training based on these memory systems were assimilated by European scholars during the Middle Ages and became the basis for certain of the magickal systems used during the fifteenth and sixteenth centuries by such philosophers as Ramon Lull and Giordano Bruno.

A person versed in these memory systems could quickly tell me "why" I might have been led to experience and remember the mystery electronic part—if this experience is seen as being a time-independent act of deliberate sorcery. Perhaps the shape of the "part" is a mnemonic device deliberately placed within a situation associated with "ufo investigation" so that I would retain a memory of the canceled trip associated with the "mystery part." If the "part" had not appeared on my kitchen table, I might have forgotten that I had real trouble in making arrangements to visit certain ufo sites in 1981.

In a similar way, scholars learning the memory systems were taught to associate ideas they wished to remember with a tour of a building or familiar landscape. The location of a particular fountain, for example, can be arbitrarily associated with the information that the goddess Cybele is often represented as a queen bee. Then, every time a person sees or remembers that particular drinking fountain he or she will also have thoughts of Cybele and all known legends associated with this goddess. This mnemonic discipline is one of the ways knowledge was retained before xeroxing, printing and popular literacy.

It is clear that when faced with ufo contactees who "remember" experiences aboard ufo craft but often do "not remember" certain other, more mundane periods of time we are encountering primarily *memory systems which we do not completely comprehend*.

The purpose of mentioning the magickal memory disciplines of antiquity is not to suggest that we return to the year "one" and laboriously relearn these exact systems. This speculation is simply a reminder (a memory jog, if you will) that there exist human mental capacities related to time perception which we have forgotten we possess.

WHAT THE TALISMAN TRIGGERED

It is clear that whoever drew the "Brian Brain" pictures mentioned at the beginning of this article believed two basic concepts: First, that triangular space vehicles, sometimes with wings attached, are *projections* from "Microspace" or some other dimension and secondly, that the manipulation of these triangular appearances has something to do with a "gravity shadow" which can make people or objects invisible.

One of the drawings shows a shadowy individual using a set of

Cartesian coordinates like a magic carpet to descend to the surface of earth. The "gravity shadow" is attached to the solid, Cartesian space and can manipulate and bend this space.

Perhaps this is a real situation rather than being simply a speculative drawing. The implication is that space beings, like magicians in fairy tales, are able to appear and disappear using a "crystal projection" device employing a "parallel wave frame." Are these labels from the "Brian Brain" box simply gibberish?

If you had told a person in the sixteenth century that your quartz watch was able to run for two years without winding and that when it stopped you simply inserted a microbattery to make it run again, you might have been burned as a sorcerer.

In similar fashion, the memory capacities activated by the mnemonic studies of Giordano Bruno and other Renaissance scholars are actually natural capacities which were called "sorcery" by people who did not understand the subconscious possibilities of the human mind.

Perhaps some part of my subconscious memory system "knew" where the drawings were located though I could not consciously remember the file box location. My subconscious or superconscious faculty then caused me to "accidentally" knock over the right file box and find the "Microspace" illustrations.

But what about the crank phone calls asking for "Brian" which had originally jogged my memory about this item? I sincerely doubt that my own mind was calling me on the telephone; although there are times when this might actually be the easiest way for the subconscious to get through a firmly-embedded mental blockage. It is extremely unlikely that the "Brian" of the phone calls was the same Brian who made the drawings in 1978. I was able to gather that the "Brian" of the phone calls had offended a number of people and had left town after giving out my phone number as a reference. I had calls from ex-girlfriends of "Brian" and also calls from an investment firm looking for "Brian." Some of these people would not take "no" for an answer and assumed that I was concealing "Brian." I am not concealing this mystery person. I do not know him at all.

However, by skipping out on his obligations, "Brian" did provide me with a mnemonic experience. Whether or not this was strictly coincidence or was inspired by angels, demons or little gray beings may never be known for sure. Perhaps we make the mistake of "over-interpreting" such instances of cosmic sorcery. When a person hands you a yellow book with content which may be important, it is obviously a mistake to spend hours debating what sort of dye was used to create that particular shade of yellow.

Or when a person passes you a note saying: "The man behind you has just taken your wallet," it is obviously a mistake to pause and wonder whether this note is or is-not in Palmer method handwriting. The first thing to do is simply to check for your wallet.

It seems to me that the basic message to be gathered from these realizations is simply that someone or something has been playing games with time perception and memory. Perhaps my mind has been playing tricks upon itself in a surrealist way. This, of course, is possible.

But I do not think we should ignore the possibility that a quick "verdict" on any ufo sighting or unexplained experience may not be the correct verdict. If advanced intelligence can travel back and forward in time, utilizing mechanisms of cognition which we (at present) imperfectly understand then the true nature of a "ufo" or other unexplained occurrence may not be evident until months or years after the primary, startling event.

A SHIFT OF PERSPECTIVE

I had thoughts of being under surveillance at the time I discovered in the Winter of 1990-81 that the cable casing on the back of my television

set did actually resemble the "mystery part" which had appeared on my kitchen table in Hoboken in 1981. During the Fall and Winter of 1990-91 I had kept a journal which was basically a log recording unusual experiences with "crank calls" and persons who seemed to be deliberately intersecting with me as I went about my accustomed routines by foot in the city. I was aware as I kept this journal that whereas most of these instances of mental intrusion could be explained as synchronicity (after all, New York is a large and diverse city) and/or inadvertent telepathic interaction, certain of the experiences with street harassment could not be explained so simply.

I had written a note about the "surveillance" aspect of these experiences at the end of the journal notebook in January of 1992 when I cleaned out and reordered my current projects file. At that time, I had put a rubber band around the spiral notebook so that I could find it more easily. When I removed the rubber band on January 15, 1994 in order to consult the journal about the "mystery part" incident, I had to hunt in order to find the right entry. Although the seminal incident had occurred in November 1990, it was not until February 1991 that the "street surveillance" incident for which I was searching in the journal had occurred. I had forgotten there was a gap in time of four months between these incidents.

But I should have remembered this time log; for it was *after* I had submitted the original draft of the section of this article entitled Technical Talisman (originally titled "UFOs AND THE ART OF MEMORY") to Dennis Stacy at the MUFON UFO JOURNAL in Texas that the peculiar street harassment which I noted in my journal on February 11, 1991 flagged my attention on several levels. I should make clear before quoting from this journal entry that Dennis Stacy and myself had discussed this article on the telephone. Negative agency could have had access to the MUFON correspondence OR could have been tapping the telephone.

I did not recall until rereading this journal entry that mention of helicopters was made on the same day. Since there are aspects of this nexus of experience which may escape my direct analytic interpretation, I will now simply quote the journal entry verbatim: "2/11/91 George Andrews reported to me at about five P.M. that a helicopter had flown low over his barn at about midnight and then once or twice again at about two in the morning. He had also told me last week that a helicopter had flown low over his property at mid-afternoon on Saturday, February 2nd. At about 5:45 P.M., coming back from Gristede's market along Seventh Avenue, I noticed that two people directly behind me were having a loud conversation on a topic which is unique to my article on "sorcery & ufos" soon to come out in the MUFON Journal. If this in not synchronicity, and these people are agents, deliberately trying to throw me off psychologically, there is only one place they could have learned of my upcoming article: MUFON in Texas. No other organization or person knows of the specific context of the article. [*The "Ufos & The Art of Memory" article was never published in the MUFON journal. I do not recall what excuse was made for killing this article. It was one of several articles by myself on mental and metaphysical aspects of the ufo phenomenon during the last few years which have been abruptly killed by the MUFON journal in Texas without adequate explanation.*] The specific item which the people behind me on Seventh Avenue were discussing so loudly was a "cylinder" which the woman said had "something to do with the difference between cable and regular TV reception" and controlled the "horizontal and vertical" of her set. In my article now in the MUFON editorial situation in Texas, I mention an unusual circumstance connected with a similar cylinder. [*The "mystery part" which controlled upstate cable reception at that time was not actually a cylinder. It was a Y-shaped double conduit arrangement. But individuals monitoring my research could have mistakenly thought it was a cylinder since the small Manhattan*

cable jack connections (like all electrical jacks) are basically cylindrical. The fact is that the special "cable connection" I mentioned in my original article was the upstate connection, which had been left on the back of the set during my move back to Manhattan in March 1990.] I glanced back at the duo as I crossed Greenwich Street on my way home along Seventh Avenue and noticed that the man was quite short in stature (about four feet tall) and was wearing a black overcoat. I was amused to think that "agents" might be trying a 'man in black' act in conjunction with the (scripted?) sidewalk conversation. But—of course—this all may be just an amusing coincidence. 2/13/91 Jean Mundy told me during a conversation at about eleven A.M. that a contactee connected with Budd Hopkins' book Intruders had been harassed by helicopters carrying exterior microphone booms."

It was this simple discrepancy in description which caused me to wonder about the "conversation" so "coincidentally" being carried on by the couple behind me and whether or not it had been scripted as a deliberate attempt to rattle me mentally. There is actually no central control cylinder on the back of a set connected to Manhattan cable service. The outside cable line goes into the "cable box"; the cable box (which controls the difference between cable and regular TV reception) plugs into the VCR and the VCR plugs simply into the back of the TV.

The "mystery part" I referred to in my article had been used in the mountains before cable boxes had such streamlined connections and had simply been left on the back of my small set when the cable was disconnected for the move into the city.

At this point in the narration, I suspect that the reader's mind rebels somewhat. Why is attention being focused upon the fine points in description of an electrical conduit casing? After all, since the conversation overheard in the street was not tape recorded, there is no evidence for the telltale discrepancy in description. There is actually no evidence that the street encounter described in my journal entry for 2/11/94 ever took place.

However, it *did* take place. Otherwise, it would not be scrawled out in longhand as a part of my journals. I do not keep a daily diary. I journal down only events that I wish to remember. It is easy to forget the exact day or hour when an interesting and/or surprising event occurred and the purpose of my notes is basically to record chronological sequence.

HYPOTHETICAL SCENARIOS

Initially, when reading my journal entries for February 11 and 12, 1991 I was surprised to see the mention of unusual helicopters in the same entry space as the "mystery part" narration. I had consulted my notebooks only to find the exact circumstances of overhearing the street conversation about the cable television "cylinder" part and found myself in the potentially embarrassing situation of locating the narration I sought right next to two journal entries about helicopter surveillance.

Instead of advancing forward in the article from thoughts of helicopter surveillance to the fine points of "memory & imagination" as versus "deliberate behavior modification scenarios" as I had planned, I am once again brought up against the "literal" qualities of these helicopter experiences as intrusions into the private property and mental space of various individuals concerned with ufo research.

Of course, the loud and stilted (possibly scripted) conversation which followed me for half a block down Seventh Avenue of February 11, 1991 was also an intrusion into my personal space. It changed my grocery trip into an exercise in self control. For if I had turned to confront the couple walking close behind me who were speaking in a loud and annoying tone of voice, they could instantly have reversed the situation upon me.

Rather than acknowledging their peculiar discourse, I chose to carry my small grocery bag home through the afternoon twilight of that chill Winter day and note this incident mutely down into my journal, which

was lying open on my desk because I had taken a note on George Andrews' sighting of helicopters just before running out to get a few items at the grocery store.

Of course, it is evident in retrospect that the helicopter surveillance reported by both George Andrews and Dr. Jean Mundy might be directly related to an annoying attempt to surprise me into an intemperate emotional response to "strangers" in the street. If I had shown any overt investigative attention toward the small man in the new black overcoat or toward his conservatively-dressed female companion who was speaking loudly of a hypothetical "cable control cylinder" at the back of her TV set and of the difficulty in fixing this hypothetical control connection, these individuals might (as one possibility) have accused me of swearing at the woman and/or making impolite comments about the small stature of the "man in black."

Whether or not this was a deliberate "set up", it seemed best at the time to say nothing at all to these people and to get back to my apartment with my groceries as soon as possible.

There are, of course, at least two ways to view the conjunction of anecdotes about mystery helicopters with a loud street conversation about a type of cable TV connection which is not likely to exist in present day Manhattan. These two basic interpretive possibilities are "nonlethal deterrent" (deliberate human mind games) and "forced synchronicity" (the creation of a significant incident by the interaction of mind and/or spirit entity with the natural progress of material events).

NONLETHAL DETERRENT

The concept of nonlethal mind control procedures undertaken "for the good" of the target individual and/or for the good of a certain political or social stability underlies much of current behavior modification research. It is not the purpose of this article to discuss the abuses of behavior modification theory. Basic to behavioral psychology is the belief that human activity is almost completely the product of externally learned patterns of response. The psychologist Pavlov caused animals to learn that food was associated with the sound of a bell. After this learning experience, these unfortunate creatures would begin to salivate every time they heard the bell, whether or not food was also presented to them.

A short conceptual step from this experiment lies the engineering of human behaviors by the application of external cueing based on a system of reward and punishment appropriate to the individual who is being conditioned. Therefore, in advanced use of behavioral conditioning, a specific study of the target individuals is required. One does not "reward" a person with strawberry ice cream indiscriminately. Some people like this flavor. Others do not even like ice cream.

It has crossed my mind that if nonlethal deterrence were being practiced by government or corporate intelligence operatives it might take the form of upsetting people according to whatever belief system they were observed to manifest. Of course, in order to make the observations necessary for this "humane" sort of deterrence, phone taps and other investigative procedures would have to be employed. If this conditioning was undertaken in a clever way, the target individual would begin to associate "ufo research" (as one example) with odd behavior by "men in black." But if the target individual was the member of a motorcycle club which usually wears black jackets, the "men in black" negative stimulus would not be appropriate. In conditioning a person who values black jackets, another negative associational cueing would have to be utilized. Possibly, every time this individual undertook a "ufo research" project a minor repair to his motorcycle would "mysteriously" become necessary. Soon, without fully realizing "why", this individual might become less enthusiastic about ufo topics.

But if this type of behavioral modification were actually to be undertaken to "humanely discourage" persons regarded as conducting

for 1978.

VERIFICATION

Realizing that at this late date I would probably not be able to verify the address of the copyright amid the rapidly transient artistic population of New York City's Chelsea district, I decided nevertheless to investigate this address, which is not far from my apartment. I was not surprised to find that the address given on the Brian Brain case was a typical dilapidated brownstone building between Seventh and Eighth avenues near the Fashion Institute of Technology. I entered the vestibule of this building and glanced briefly at the mailboxes. None bore a name with any resemblance to "Microspace" or "Brian Brain." But there were several new, independent installations of small mailboxes. Perhaps there had been mail theft from the older rundown bank of metal boxes. As I left the building, I noticed that there seemed to be new renovation to a downstairs apartment which had plants and a brightly pointed sculpture of a smiling face displayed on the windowsill.

I did not feel particularly "spooky" or threatened while standing in the vestibule of this building but I did feel an odd neutral quality to the experience, as if some realization eluded me. When I turned the corner to continue downtown on Seventh Avenue I noticed a "Sale" sign in the window of an electronics store and went inside. One of the items which had been gradually pushed to the bottom of my agenda by other concerns was the purchase of a new microphone for my interview recorder. I was pleased to find an appropriate mike on sale and bought it from a busy clerk who thrust my credit form toward me for signature without looking at it carefully. I glanced at the total, which was correct, and signed it. He thrust the carbon of the receipt into a small plastic bag with the microphone, and hurried on down the counter toward another customer, saying in a soft and dismissive tone: "Enjoy."

I walked back to my apartment, still in an oddly neutral state of mind.

The address had seemed "OK", a building which had housed a succession of aspiring artists and students. It seemed perfectly understandable that someone who had designed a "Microspace" box might have once lived there. I decided to check the telephone number which had accompanied the address on the Brian Brain case. I realized that the number would probably belong to a different person after fifteen years since there is a rapid turnover in the artistic population of New York City; but beneath the apparently harmless and banal impression I had received in the vestibule of the building something was nagging me. My ESP prodded me to investigate further.

I took the sales carbon out of the microphone bag to check it before making telephone inquiries. It occurred to me that the clerk had been in a hurry and that I had not looked at it carefully in the store. I was surprised to see that the charge card, which reads "Magick Mirror Communications" below my name had come out bodywork on the top of the bill so that "Magick Mirror" was literally rendered in mirror reverse letters. I laughed and realized that this was clearly an omen to proceed with the investigation, that all was not as it literally seemed to be in the Brian Brain situation. I am not sure exactly "how" the logo came out in the reverse on the slip since the register tabulation was printed normally. Perhaps the busy clerk had put the card in the franking machine upside down.

At any rate, I loaded a tape into my answering machine and dialed the number given below the address on the "Microspace" box. A young woman answered with the acronym of a company and I asked her if "Brian" was there. She told me defensively that she had never heard of a person by that name and repeated the name of her company. Resigned to the idea that the old number had been reissued, I asked in a routine way if I had the right number. I was galvanized out of my mental neutrality by her response, which was abrupt. She told me that the



It Sizzles! **It's HOT!**

PERCEPTIONS

AUDIO MAGAZINE

UPDATED, ALTERNATIVE NEWS HOT LINE
SOLUTION-ORIENTED:
A REVOLUTION IN CONSCIOUSNESS

Join us on a historic journey as we sear through the barriers that keep us apart.

Special Introductory Offer! Only 99¢ per minute
Call 1-900-388-5859

Must be 18 years or older

We the People, Empowered by Knowledge, Independent by Design, Take Our Power to Create an Incredible Future!

ROTATING ROSTER INCLUDES:

- Deborah Banker, M.D.
Seeing Without Glasses
 - Richard Boylan, Ph.D.
UFO Research and Current Events
 - Chris Conrad, Author
Hemp, Lifeline to the Future
 - Krsanna Duran, Author &
Gail Flenniken, Publisher
Planet Alert: Earthquakes, Floods, etc.
 - William Eidelman, M.D.
Natural Remedies to Chronic Problems
 - Anthony Hilder, *Radio Free World*
The New World Order's Agenda
 - Don Kidson, *The Juice Prophet*
Living a Better Life with Natural Foods
 - Richard McDonald, Legal Researcher
state Citizenship and your Sovereignty
 - Jesse R. Noguera
Vaccines, What's the Real Agenda?
 - Lois Rodden, Astrologer & Author
A World View through Astrology
 - Gene Schroder, Author & Legal Researcher
Emergency Powers Act
 - Jeremy Selvey, CEO
Project AIDS International
HIV and AIDS Discoveries
 - Carol Wiggers, QHP
Practical Applications of Astrology in Daily Life
- and Book Reviews**
that will ignite your awareness!

number I had dialed was NOT the number of the firm I was reaching. The implication was that there was something wrong with my telephone that I had misdialed the number. I hung up the telephone, activated my tape recorder and dialed the number carefully again. With the tape running, I asked her what number I had reached and she told me. She also told me that her company was a "TV series".

I said good bye to this young lady and dialed O for operator. With the tape running, I asked the NYNEX operator to dial the number which I was reading from the "Microspace" box. The operator dialed this number for me and we once again reached the "company" where the receptionist told me the number was different from the number the operator had dialed to reach her. I was frank with her about this discrepancy and once again said good bye. Then I called telephone information, once again with the tape running, and asked for the company name she had given me on the street she had named as the approximate location. The operator laughed and told me that there was no company by that name on that particular street.

I put down the telephone, turned off the tape recorder and laughed with relief and joy. I have not laughed so sincerely and profoundly for a long time. Shortly after five in the afternoon, when "business hours" are supposed to be over, I activated my tape recorder and once again called the number given on the "Brian Brain" box. This time a man answered the phone using the "company" name. I told him in a businesslike tone that I was looking for the "company that had manufactured the microspore box." He had obviously known about my previous inquiry since without further prompting he stated: "This number has been reassigned."

"That's not exactly it," I told him, "What is the subject of your TV series?"

"It's a docu.... it's a documentary film series" he told me evasively. I thanked him and hung up the telephone. When I played back the tape of the conversation, it was obvious that he had been waiting for a further call of inquiry and that his answer "film series" was different from the receptionist's answer "TV series." Additionally, his response was too general to be the genuine response of a communications professional.

An ordinary response to the question: "What is the subject of your TV series?" might be "a documentary on animals" or "a documentary on World War II" or "a series of documentaries on city life" and so on. The response "a docu... documentary film series" sounds like the line from a soap opera wherein people are playing unrealistic, generalized roles.

Evidently, the number on the "Microspace" box had been a rigged number. When I tried the number the receptionist had given me it also reached the same company. Both the number on the "Microspace" box and the number given to me as the "company" number were ringing on the same receptor line.

BLACK MAGICK

I recalled that at the time I had been given the Brian Brain box by the student in my adult education class on ufology in 1978 I had not been enthusiastic about contacting her "boyfriend" Brian about it since she had also told the class that she had done conjurations of demons with an established occult organization in California. I had felt that the "Microspace" box might be a sophisticated talismanic device. Evidently, I had been correct. If I had telephoned at that time, the rigged communications line might have been answered by a "receptionist" who cooed: "MCBB" instead of the current "company" acronym now used to answer the rigged telephone line.

A rigged telephone connection maintained for fifteen years implies a continuity of operation which is unusual if "Brian Brain" was a project created by a small group of artist-sorcerers. However, if this "Microspace"

illustration box was actually one facet of a much larger and well-financed operation, it is conceivable that a rigged telephone connection might be used for a series of "trick" projects.

If I had followed up on the referral given to me by the woman who took my adult education class in ufology in 1978, I might have found myself suddenly connected to a group of people who were presenting an elaborate and sophisticated hoax, complete with "Microspace" illustrations. A legitimate question here is simply: "Why?" One obvious clue is, of course, the woman's narration to the class of the purple aerial light she had experienced during a magickal conjuration in California in 1977 before leaving that situation to return to the East Coast.

According to this woman, she had also experienced unusual "ufo light" manifestations in a cottage north of Boston in the company of the man who later drew the illustrations for "Brian Brain." If one looks at this sequence of experiences quite literally, minus the breathless emotional details of being "frightened" at the conjuration and "keeping the door locked" in the Massachusetts cottage, the major unanswered question is simply: "Did a conjuration ceremony also take place before the ufo lights were seen near the cottage in New England?" Since the Boston-Cambridge area, which houses MIT, Harvard, Brandeis and several other major universities, is also known to be a hotbed of clandestine magickal activity, it becomes entirely likely that the gifted illustrator who created the "Microspace" box was also attached somehow to a group of people who were interested in conjurations and talismanic magick.

If a ritual had been done at the time to infuse the "Microspace" box with talismanic energy and/or significant purpose, this might account for the fact that I felt strangely about the item at the time it was given to me and avoided contact with the person who had created it. But this hyperdimensional "tag" attached to the artifact probably also accounts for the fact that it fell out of my file box in 1991 upon conceptual cue, and that when I followed the "on the moment" impulse to verify the mundane telephone number and address on this box in early 1994, I did hit investigative paydirt.

In mental combat, as in the physical martial arts, the aggressive advance of the adversary can always be transformed into the defect of this aggressor, if the response is angled correctly and properly timed. It seems that, though fifteen years is a long response interval, my investigative reaction was indeed properly timed. It caught the "trick" situation completely by surprise and resulted in documentation of this oddity by the NYNEX telephone operator.

The question then remains: "Why did this odd aggressive deception take place within the situation of a small adult education class in ufology?" At that time, I had written articles on ufo incidents for several magazines and had been on a late night talk show on WBAI radio about my upcoming book CONGRATULATIONS: THE UFO REALITY but the book was not yet printed and reviewed and I was definitely a minor luminary among the larger constellation of authors on the ufo topic.

In answering this question, it will be profitable to examine certain "ufo hoaxes" which have occurred more recently. Perhaps the motivation for these hoaxes, which often has appeared obscure or simply crazy, may lie in the carefully concealed area of negative sorcery.

WHAT IN THE HELL?

What "ufo buff" could easily forget the couple "Bo" and "Peep" who on October 7, 1975 persuaded a group of HIM (Human Individual Metamorphosis) devotees to disappear from contact with friends and relatives, give away their property and abandon their children in order to ascend to a superhuman level under the guidance of "alien" beings who promised a physical transition onto a higher plane of being?

The details of this Newport, Oregon expedition, which received

national publicity because it was so bizarre, only lead the inquiring reporter into dead end alleys of unverified identity and strangely fundamentalist claims of "loving your Father in the next level with all that you are, even so much that you want to join Him so that you can significantly give your finest effort of service."

However, when questioned by Brad Steiger, "Peep" made clear that this was not a metaphysical journey. "We're talking about leaving the Earth's atmosphere", he told reporters.

A little known fact is that in BOOK FOUR by Aleister Crowley, a small volume which was issued by Sangreal press in Dallas, Texas on the Spring Equinox in 1972, there exists a chapter entitled An Interlude which begins with the statement: "Every nursery rhyme contains profound magical secrets."

After an occult analysis of "Old Mother Hubbard," Crowley moves on to consider "Little Bo Peep": *Let us take another example from the rich storehouse of magick lore: Little Bo Peep She lost her sheep, And couldn't tell where to find them. Leave them alone! Any they'll come home, Dragging their tails behind them.*

"Bo" is the root meaning *Light from which spring such words as Bo-tree, Bodhisatva, and Buddha. And "Peep" is Apep, the serpent Apophis. This poem therefore contains the same symbol as that in the Egyptian and Hebrew Bibles. The snake is the symbol of initiation as the Lamb is the Savior. This ancient one, the wisdom of eternity, sits in its old anguish awaiting the Redeemer. And this holy verse triumphantly assures us that there is no need for anxiety. The Saviours will come one after the other, at their own good pleasure, and as they may be needed, and drag their tails, that is to say those who follow out their holy commandment, to the ultimate goal.*

It is obvious that "Bo" and "Peep" of the "Human Individual Metamorphosis" escapade may have conceptualized themselves as 'Redeemers' of their followers in the exact sense of the exegesis of "Little Bo Peep" which is found in Crowley's BOOK FOUR.

Knowledge of this passage in a book issued from a small press in Texas just a few years prior to the "Bo Peep" ufo contact hoax, may shed some light on the motivations for that absurd scenario. Up until now, the embarrassment which naturally follows such a situation has kept the lost sheep of that situation from being adequately counted.

Another ufo hoax which took place in Oregon in the 1970's but has only recently been exposed concerns a "ufo photo" which was seriously considered by J. Allen Hynek and other researchers simply because the person who said he had taken this photo was: "a distinguished looking... trained scientist with a Ph.D. in biochemistry, had been a Navy officer during World War II and was currently employed by a major logging company."

My purpose in mentioning this hoax photo, which was taken in Willamette Pass, Oregon in 1966, is not to probe the "logging consultant" for black magickal affiliations, although he may have such connections. I simply wish to call attention to the naive way in which the photo was initially accepted without adequate analysis simply because of the overtly-narrated 'credentials' of the man who had come up to researcher Paul Cerny in 1971 after a ufo lecture in California. It is no wonder that sophisticated black magicians may be attempting ufo hoaxes by the use of nursery rhymes!

THE GASLIGHT JOB

From time to time, perverse scenarios such as the "Bo Peep" trip into "evolutionary" dimensions do enter the national newspapers. When subjected to ordinary evolution, they fall apart and become the subject of journalistic satire. On December 28, 1993, an article entitled "Earthlings Welcome" in Tiny Nevada Town Where Mysterious Aircraft Often Fly Overhead ran in the WALL STREET JOURNAL. This was about the Area 51 situation. The staff reporter, Roy J. Harris, Jr., saw clearly

that the town of "Rachael" was simply a charade placed beside Nellis Air Force Base to divert serious attention from experimentation with unusual aircraft.

His article is interesting for that reason. He does not deny that he did see unusual lights in the Nevada sky. But his description of the couple running the "Little A'Le'Inn" contains the telling descriptive phrase: "Their promotional savy has led to occasional national publicity." Mr. Harris was aware that the purpose of Rachael, Nevada's ufo-oriented accommodations was promotional rather than seriously documentary. But his article, though containing a few humorous wisecracks about the Rachael charade, was not basically satiric. It ends with the paragraph:

"The Travises and Mr. Campbell hope, however, that cutting off public access to the Groom Lake viewpoints won't hurt business. Whatever is being hidden beyond the mountains during the daytime, Mrs. Travis notes 'is being flown right over our heads at night'."

What if "Area 51 aircraft" had flown in the Nellis vicinity without being huckstered by the Rachael charade? Chances are that the occasional sighing of these unconventional aircraft by a passing motorist would have been taken more seriously or at least described in a way unconnected to fast food and motel merchandising.

Is it simply that "ufologists" do not grasp that charades such as the BoPeep "physical evolution into a higher metaphysical life form" or the "Rachael/Area 51" hamburger expeditions setup might be *deliberate* disinformational diversions? Or are persons researching ufos actually embarrassed to describe the possibility of sophisticated psychological manipulation by people who appear to be "clean cut" middle American entrepreneurs?

It is not important to know whether the inspiration for these gaslight charades is governmental, corporate, freelance or in the area of foreign espionage. Verification becomes murky due to the disposable identities

Suppressed, overlooked and unreported information on

- conspiracies
- health
- future sciences
- the unexplained
- the new world order
- Earth's ancient past

Tune into the news you are not supposed to know

Subscribe to:

NEXUS MAGAZINE

\$25.00 for 6 issues per year

\$5.00 for sample issue

PO Box 177, Kempton, Illinois 60946, USA
Tel: (815) 253-6464 FAX: (815) 253-6300

of the human pawns utilized by whatever could possibly inspire people to do etcetera,

The important fact in considering the entire situation of "ufo research" is that some portion of the analytical mind has seemed to be anesthetized to the possibility of deliberate manipulation via elaborate "ufo adventure" scenarios.

Researchers seem ready and pre-programed for the "ufo hoax" but not for the ufo issue "used" as a cover for clandestine activity. The presupposition seems to be that if there is any clandestine project associated with overt "ufo" sightings this covert activity will be concerned with extraterrestrial contact and/or the reconstruction and analysis of artifacts recovered from an extraterrestrial vehicle.

BACK TO EXHIBIT MCBB

If I had "followed up" the Brian Brain Microspace box in 1978, I would have intersected with someone claiming to have seen triangular ufo vehicles near a cottage in Massachusetts. But since I was skeptical due to the "purple light" conjuration tale of the woman in my adult education class in ufology, I did not take this artifact seriously as having anything to do with extraterrestrial vehicles.

As verified in 1994, the telephone number printed inside the Brian Brain Microspace box remains a functional "trick" connection. One interesting facet of this present situation is simply my impulse to check this number fifteen years after I might logically have been supposed to call and investigate it. As stated earlier, the Microspace box had seemed to leap out of the spilled index card file right into my research considerations "on cue."

I had actually forgotten that I had been given this item until I found it accidentally. The persistent crank calls in 1990 asking for "Brian" (perhaps a different Brian entirely) acted as a mental corrosive from whom-nows-what inspirational realm to break my perceptual memory block about the unusual circumstances narrated to me at the time I received the Microspace game from my adult education student who claimed to have participated in the conjuration of angels and/or demons in California.

This situation is thick with complexities. Perhaps I am also a pawn of an interdimensional causality which I do not consciously comprehend. In this sense, I am an informational "sleeper" who was awakened when a file box overturned on the shelf.

As everyone knows from watching spy movies, a "sleeper" is an inactive agent who is beholden to one interest group or another by post connections. These individuals hold down ordinary jobs and/or keep an ordinary activity profile within particular environments which are very conservative or community regulated from within like the alternate culture situations of Woodstock, N.Y. or Sedona, Arizona. Then, when the necessity arises, the "sleeper" is awakened in function so that information about a particular activity or individual can be relayed from the tightly-knit work or social situation to an interest such as a government or corporation. It is a mistake to think that the only "sleepers" are beholden to a government. Such individuals may also be held in the grip of blackmail by corporate or quasi-religious organizations.

I am making a verbal pun when I call myself a wakened "sleeper." The Sufi philosophy teaches that the majority of human beings are literally walking in a perceptual sleep, anesthetized to important perceptions which arrive from nonmaterial and mental levels. The popular conception of a "mental block" is approximately the same as the Sufi sleepwalker image. The perceptually-blocked sleepwalker is unaware of information on nonmaterial levels and thus bumps into the real furniture of existence which may not be part of a limited, material view of causality. Sometimes, as Sufis and modern psychologists both know, a person needs a compassionate slap to break a mental block and waken

full perception.

BRIAN 1992

So what slumbers in my consciousness? What secret interest group has hooks into my past activities which might cause me to relay information for them in the future? The answer is simple. Jacques Bergier has called this interest group "the Intelligences." In his book *EXTRATERRESTRIAL VISITATIONS FROM PREHISTORIC TIMES TO THE PRESENT* which I quoted earlier with reference to the concept of a "closed history" as being a recent historical development, he describes many occurrences down through the ages for which there is no explanation within the strictly "known" material causalities prescribed to us by the schools of engineering who build within the three dimensional continuum.

In 1973 I had an encounter with a consciousness-altering "ufo light" which I have never been able to forget or adequately explain. This experience is described in my first book: *CONGRATULATIONS: THE UFO REALITY*. Shortly after this book, which was an enthusiastic but socially-naive communication, was issued from a small press in Los Angeles, the publisher's apartment building was torched from four directions. In 1980, the building where the publisher's stock was stored experienced a fire and he was forced into bankruptcy. Obviously, the publications of Crescent Press had pressed a button in the mind of persons practicing black magick. But, like *Candide*, I was completely unaware in 1978, the issue date of my first book, of exactly what I had done which was disturbing the manipulative nexus of negative sorcerers so profoundly.

I now realize that if an elaborate interlinking "ufo hoax" had been planned as part of some mind control project or experiment, my unexpected encounter with the "Intelligences" in Swampscott, Massachusetts in 1973, just at the time when the "BoPeep/HIM" charade was being orchestrated in Oregon, really threw a monkeywrench into the pre-planned black magickal activities simply because I am a trained writer and instantly began to be very verbal about my experience.

This might also be the reason that the Brian Brain Microspace box I was offered so shortly after my move to New York City and the acceptance of my "ufo" book by a California publisher was so definitely linked by the courier to a location in Massachusetts near Boston. An attempt was made at that time to induce me to make an investigation in Massachusetts which might have served to compromise or distort the narration of my genuine experience with a mind-bending "ufo light" in that same area.

But I smelled something fishy about the woman who conveyed the Microspace box to me and I did not take the bait in 1978. It was not until 1994 that my interest in the Microspace box was awakened strongly enough to motivate me to pick up the phone and make a standard, taped journalist's inquiry about the still-active trick telephone number listed inside the Microspace box.

I grant you, dear reader: this is funny! Many of the odd events and realizations which followed my ufo light sighting in 1973 also struck me as being surrealistically funny at that time, and I added an afterward to *CONGRATULATIONS: THE UFO REALITY* which describes the sometimes comic effect of the 'Intelligences' on my half-awake and *Candide*-like conscious mind.

But in the early Fall of 1992 I began to receive a series of telephone calls about the ufo contactee Brian Lynch I had interviewed for *METASCIENCE* magazine in 1978. These calls were from Brian's sister Geraldine and they were not particularly amusing. Brian had been found dead in a warehouse several years before and Geraldine had spent quite a bit of time trying to understand his death.

During this process of mourning, she had gone through Brian's desk

and had found the article I wrote about him for METASCIENCE, my book CONGRATULATIONS: THE UFO REALITY, the text of a lecture I had given in 1979 for Magickal Childe Bookstore on "UFOs and Magick" and several letters I had written to her brother at the time I was writing the article about him.

Because I had been living in Woodstock, N.Y. at the time of Brian's death, Geroldine had not been able to locate me when she was searching his desk for clues. I had moved back to Manhattan in the Spring of 1990. She told me that in the Fall of 1992 she once again was driven to call telephone information by thoughts of her brother's death. This time she found me.

I taped an interview with Geraldine Lynch during which she told me that in the years since I had lost spoken to Brian he had been married and divorced and had been corresponding with a variety of psychic researchers about esp, pk and ufo experiences. I asked her to read me some of the names on the notes she had found in his desk, and these were indeed the names of known psychics and psychical researchers. She later sent me a xerox copy of some of these notes.

Geraldine Lynch told me during that interview that a research group in Texas with an interest in psychic warfare had tried to recruit Brian, and that members of this group had actually visited him at his home on Long Island. She told me that he had turned them down because he thought the clandestine nature of the research might interfere with his personal freedom. At that time, I pressed her for details about the Texas group. She searched the desk but could find no specifics. However, in the taped interview, she clearly remembered the people from Texas visiting the house and that their project concerned experiments with psychic warfare. I instinctively felt that Geraldine, though she has experienced treatment for a brain injury and is not completely competent, was actually telling the truth about the "Texas" psychic warfare recruiters, but I had no proof.

In early January of 1994, the CE CHRONICLES, a magazine put out by the Close Encounters Research Network in Houston, Texas was sent to me by a friend. In the November-December issue of this magazine there is an article about military involvement with "black magick" (directed, aggressive use of esp/pk for the purpose of arbitrary control). The location of this research is given as being in New Mexico. But one of the researchers on the list found in Brian Lynch's desk is listed in that publication as being an intelligence operative now working for a research facility in Austin, Texas. Above the name of this person in the note found in Brian Lynch's desk is the phrase: "5 million from Pentagon for Project Scanate."

I have no idea what this note was intended to mean or whether there was actually a Project Scanate funded by five million from the Pentagon. But I think that because the anecdotal information given by Geroldine Lynch so closely matches the written information in the recent CE CHRONICLES, there are some very specific questions to be asked which are not particularly funny. First of all: who was on Long Island from Texas attempting to recruit a psychically-gifted construction worker for a clandestine project on psychic warfare?

Secondly: Was Brian Lynch's death actually from drug overdose, as Geraldine describes the generalized explanation given by friends after the event, or was there a more complex reason for his being found dead in a warehouse one day after telling his family he was going around the block to cash a paycheck?

Maybe the psychical researchers in New Mexico and Texas might like to work on solving this mystery. There is no proof that the interest group behind "black magick" mind control shenanigans actually is the U.S. government. Remember that the Sangreal Press which published Crowley's odd exegesis of the "BoPeep" nursery rhyme is also located in Texas. Situations such as the overt black helicopter charade experi-

ADVENTURES UNLIMITED



Exploring frontiers in:

- Science
- Archaeology
- History
- Travel

ADVENTURES UNLIMITED

303 Main Street
P.O. Box 74
Kempton,
Illinois, 60946
USA

Tel.: 815-253-6390
Fax: 815-253-6300

Call, write,
or fax for
our FREE
catalog,
a truly
astonishing
collection
of rare,
esoteric
books and
videos.

THE source for:
Ancient Wisdom,
Atlantis, UFOs
Conspiracy,
Anti-Gravity,
Exotic Travel,
Lost Cities,
Tesla Technology,
Free Energy Science,
and much more!

enced by Dr. Jean Mundy at her home on Long Island may be "freelance harassment" rather than harassment linked to any overt governmental project.

I lit a candle before starting to word process the final section of this article. It was a candle in memory of Brian Lynch and his magickal and extremely troubled short life. As I glance at the flame now it is elongated about three inches and is flickering at the top to show that a spirit was indeed present as I composed these sentences.

I am in this situation simply a conduit for information. I publish these findings in the hope that whatever news I provide on the issue of sorcery and ufo research will be helpful to people in understanding that there exists a positive, investigative use for esp. ■

BIBLIOGRAPHY

- Berqier, Jacques. *Extraterrestrial Visitations from Prehistoric Times To The Present*. Henry Regnery Company, Chicago, 1973.
- Close Encounters Research Network. *C.E. Chronicles*. (BBS) Nov.-Dec. 1993.
- Charroux, Robert. *One Hundred Thousand Years Of Man's Unknown History* Berkley Books. New York. 1970.
- Chavkin, Samuel. *The Mind Stealers*. Houghton Mifflin Company. Boston. 1978.
- Crowley, Aleister. *Book Four*. Sangreal Foundation. Dallas, Texas. 1972
- Macer-Story, Eugenia. *Congratulations: The UFO Reality*. Crescent Press. Los Angeles. 1978
- Steiger, Brad. *Gods Of Aquarius*. Harcourt Brace Jovanovitch. New York, 1976.

REVERSING THE AGING PROCESS

Dr. G.K. Knowlton

The Fountain of Youth. Many have spent their entire lives searching for it. Now thanks to such diverse studies as molecular biology and bodybuilding, it is now possible to enjoy a longer, fuller life without suffering many of the mental and physical problems of aging.

Since all Borderlanders are interested in good health, it might be appropriate to address this issue in light of the latest research.

To put it very simply, there are two activities that go on constantly in the body. One is anabolism or building and the other is catabolism or tearing down. You are probably thinking that this sounds fairly familiar. This is because athletes have taken anabolic steroids for years. It was thought that these drugs worked because of their anabolic effect on the body. It has been more recently found that they are actually anti-catabolic. This may just seem like a matter of semantics, but it is not, as you will see when we continue.

Probably the most famous of all the Fountain of Youth preparations comes from probably the most unlikely country of all, Romania, which used to be called Transylvania, home of Dracula. This preparation is called GH3 or Gerovital. It was discovered by a Dr. Ana Aslan and has been extensively tested since the 1950's. People who took it, swore by its ability to restore youth and vigor in both the physical and mental sense. Many were relieved of the symptoms of arthritis and some even got rid of grey hair. Many movie stars and politicians flocked to this country as part of their youth regime. It became so popular, it was referred to as "Romanian Rejuvenation."

The main ingredient of GH3 is procaine, a local anaesthetic. It was found that GH3 broke down in the body into DMAE and PABA, a B complex vitamin. It was also thought that GH3 was anabolic, but was found later to be anti-catabolic. This would explain how it could help to reverse some of the signs of aging.

DMAE is a natural product found in such foods as anchovies and sardines. It stimulates the production of choline and acetylcholine, the brain neurotransmitter involved in learning, memory, movement and sensory functions. Early research showed that even a small amount of DMAE will produce a decrease in daytime fatigue, sounder sleep at night and a decrease in the amount of sleep needed at night.

A study found that individuals when given DMAE reported an improvement in muscle tone, better ability in mental concentration, less sleep needed and sounder sleep, increased ability to concentrate. Some have even stated that DMAE when used for at least one year will remove the so called age or liver spots from the skin.

Sometimes, the body seems to work against itself in the fight against aging. For example, cortisol is a naturally secreted hormone produced in both men and women by the adrenal glands. This hormone is released in times of stress. Cortisol depresses immune system function and causes hardening of the arteries. While a small amount of it is needed in the body, in greater amounts it is extremely catabolic. Now, you can see why stress is so devastating to the human body. Cortisol

does not need to be eliminated from the body, only lowered to a safer, less catabolic level.

What substances can do this? One is morphine, which is obviously very undesirable. The other is the nutrient, Phosphatidylserine or PS. PS has been shown to be able to blunt excessive cortisol release without affecting other hormone levels. PS has been shown to reverse the decline in mental function that occurred with aging. In a landmark study, PS improved function in all nine test measurements of memory and mental function on Alzheimers patients! This substance produced significant improvement in mental drive and acted as an antidepressant.

Almost everybody is familiar with the energy producing effects of a B12 shot. However the co-enzyme of B12, dibenzozide is even more powerful and can be taken orally.

It has been shown to:

- Increase strength
- Increase red blood count
- Normalize appetite
- Increased mental concentration and alertness
- Mood elevation

Quality dibenzozide is hard to obtain since it must be protected from light and stored in light sensitive capsules.

Two more substances have been proven to be very effective and are widely used in Europe. However, they are almost unknown in the United States and in fact, until recently, they could not be purchased in this country.

The first is Adenosine Triphosphate or ATP. It has been used for decades to treat symptoms of fatigue and muscular weakness. Will also improve muscle power and energy levels. Also used by the elderly to combat the decrease in strength and increase range of movement in joints.

The other is sulbutiamine which is a fat soluble derivative of vitamin B1 which will work quickly to improve alertness, memory and resistance to fatigue. Generally taken with breakfast.

One does not lose physical and mental skills as they grow older. An elderly person can experience marked improvement with the proper nutrients. A younger person can delay the onset of many of the problems of aging.

I have been taking various nutrients for years and have even made a special capsule combining the most effective. It works. At the age of 41, I have none of the problems associated with others my age. I even celebrated my 41st birthday by wrestling in a tag team match which went 50 minutes and I won. Not bad. ■

For more information write: Dr. Knowlton 8136 S. Memorial Dr., Tulsa, Oklahoma 74133-4309, Phone 918-496-8011, FAX 918-496-8012.

Book Reviews

Science Frontiers — Some Anomalies and Curiosities of Nature

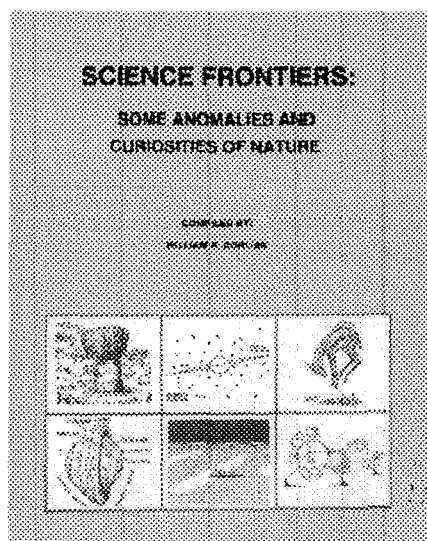
compiled by William R. Corliss
Sourcebook Project, P.O. Box 107, Glen
Arm, Maryland 21057. \$18.95, paper-
back, ISBN 0-915554-28-3, 1994.

If you are one of those people who believes that our planet earth revolves around a minor star, in an out of the way arm of an average galaxy, upon which life arose as a chance side effect of complex chemical arrangements, then this book is definitely not for you. William Corliss created the Sourcebook Project about 25 years ago to catalog scientific anomalies and irregularities. He has already produced over 25 volumes of Sourcebooks, Handbooks and Catalogs of amazing and curious facts culled from the scientific literature covering geology, geophysics, biology, astronomy, astrophysics, archeology and related fields. He also publishes a regular newsletter presenting anomalies on all aspects of science titled *Science Frontiers* (\$7/year), of which this book is an organized collection of the first 86 issues. William Corliss is the best thing that has happened to science since Charles Fort!

To me this book is a sheer delight which I use to explore our fascinating universe. My current study is the stratigraphic column and the corresponding fossil layers. This book is full of information on missing and out of place strata (older rocks on younger—over vast areas!), information which challenges the very basis of present geological thought. The largest canyons in the world, some which literally dwarf the Grand Canyon (which is missing 200 million years of strata at one point), are deep under the oceans, but they appear to have been eroded above ocean level (via sub-aerial river erosion).

There are also many problems with the fossil sequence upon which the *theory* of evolution is based. First off, there is evidence of Precambrian life (in bacteria form) using oxygen, which wasn't supposed to be in the atmosphere then. More curiously, these bac-

teria secreted crystalized magnetite and may be responsible for large quantities of the earth's iron ore. The early part of the Precambrian Era is called the Azoic (or now Archeozoic) because it is supposedly the period before life started. During what is called the 'Cambrian Explosion', that is when the first complex life was supposed to have come into existence (before Precambrian fossils were found, in what is now termed the Pro-



terozoic), there were many oddities which you won't find in the standard textbooks. An excellent example of which is the Burgess Shale, a Cambrian outcrop in Canada that has produced all sorts of strange and anomalous (to our present mode of thought) fossilized forms of life. Creatures with three eyes and seven legs, things so strange they don't fit into any accepted 'family'. One creature is so bizarre that it is given the name *Hallucinogenia!* Oil is supposed to be a "fossil" fuel, but it appears in all layers of the geological column, including the early Precambrian, indicating an abiogenic origin.

Much of this geological and fossil record data is also carefully collected and correlated by Biblical Creationists who have a vested interest in not accepting the current paradigm. Whether or not you agree with

their point of view, they certainly are a good source of stratigraphic anomalies, and Corliss quotes their publications when he feels a good scientific point is being made.

If you thought the universe is expanding from some Big Bang, and that this is proven by the redshifts of galaxies, you may be deeply perturbed to find out that there are big problems with the redshifts. There are twin galaxies, connected by filaments of gas and stars, and galactic clusters, in which each galaxy has a completely different redshift. For example, the galaxy NGC-1199 which has a redshift of 2,600 km/sec, is part of a galactic cluster. In front, and part of the cluster, of NGC-1199 there is a smaller galaxy with a redshift of 13,300 km/sec. Also, the redshifts of singular galaxies, when measured and mapped around the earth, indicate that the galaxies are "expanding" away from earth in a *layered sequence!* In simple terms this indicates that the earth is at the center of the universe and the stars and galaxies exist in concentric spheres around the earth, but of course we're not supposed to think such bad thoughts as it lends a primary significance to life and human endeavor. Fortunately for us Mr. Corliss enjoys exploring such viewpoints noting carefully the scientific basis for reconnoitering such modes of thought.

Further astronomical anomalies abound in this volume, enough to make you wonder why they are ignored and the public is still spoon fed the accepted dogma, or why there isn't a revolt in the scientific community.

Life itself is an anomaly to the modern scientific view, but given the general acceptance of the fact that it exists it is pigeonholed into the theory of evolution. *Science Frontiers* is full of amazing biological anomalies, from homing instincts in humans to the indications that humans are closer in some ways to the sea cow than the apes (via aortal valve structure). Also covered are correlations between sunspot cycles and flu epidemics (don't forget your flu shot — free from your friendly government) and related cosmos-life interactions. Curiosities like fully functioning human adults with most of their brains missing, scientifically recorded ESP, and spontaneous human combustion add to the weirdness we call life.

Curious buildings and structures are found around the world. Ancient engineering works boggle the mind once one grasps

their extent and their incredible cosmic alignment patterns. Mysterious megaliths, complex arrangements of mounds, strange walls, the earth is covered with them. Over 200,000 logs and tens of millions of cut limestone bricks were used to build the dozen or so great houses at Chaco Canyon, which was the nexus for a desert road system of which 1500 miles or so have been discovered. The exact origin of the 200,000 trees is unknown, and their great weight (600 lbs) presents quite a transportation problem for a peoples pictured as simply "hunter-gatherers" who discovered how to pile up rocks to make walls.

I could go on for dozens of pages extolling the virtues of this book, as well as listing my favorite anomalies. I have barely scraped the surface with the few references I have given. If you are even remotely interested in the universe and your place in it you should be reading material from the Sourcebook Project. All the other handbooks and catalogs in the series are dedicated to single topics, but Science Frontiers covers all areas and makes a great introduction to Corliss' phenomenal works. I hope that the earnest seeker after knowledge buys this book and reads it. It will not only change the way you view the universe and its components, but it may make you wonder if a wholistic view is even possible. Perhaps the Creationists are on the right track after all.

*TJB

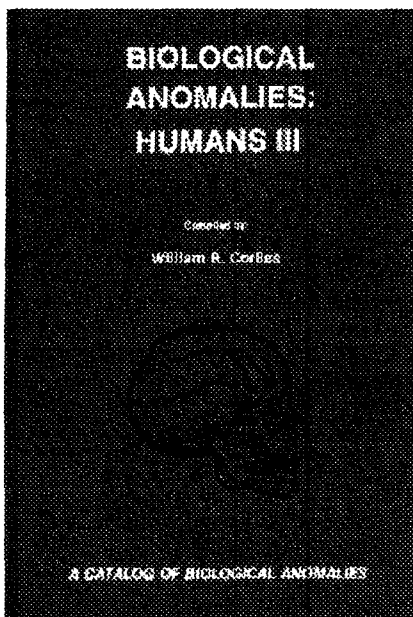
Biological Anomalies: Humans III
 A Catalog of Biological Anomalies
 compiled by William R. Corliss
 Sourcebook Project, P.O. Box 107, Glen
 Arm, Maryland 21057, ISBN 915554-
 29-1, hardbound, \$19.95

This is the 14th volume in Corliss' Catalog of Anomalies and the third of three devoted to humans. Yes, humans are quite anomalous, our very existence is merely a chance happening in a random sequence of events, according to the modern scientific view. Damn good luck for whoever rolled those dice!

Human skeletal remains have been found the world over. They range in great diversity and they have been found in various geological strata dating back millions of "years". These findings have been organized and categorized into the evolutionary tree which shows that we evolved from apes, on through various lesser hominids, through to our

present state. At least that is what we are supposed to believe. Fortunately, Mr. Corliss has been hard at work compiling an amazing array of information questioning and challenging this viewpoint.

The evolutionary theory sounds great on the surface, but dig a bit deeper and you find few problems with the fossil record. Some of the anomalies presented include the absence of transitional fossils, abrupt changes in homi-



nid morphology, hominid evolutionary stasis, giant hominid skeletons, very small hominid skeletons, fossil sequence anomalies and anomalous distribution of skeletal material, and hominid skeletal material in ancient geological formations. Corliss is conservative in his presentations and dispels many stories about mysterious skeletons found around the world as being unverifiable (though not necessarily untrue). If there is not an exact scientific record of the skeleton it is not considered as pertinent, yet he does refer to many that have cropped up in the literature over the years (like the redheaded giants of Lovelock, Nevada) for reference. Fortunately, with the questionable skeletons put aside, there remain some well verified skeletal anomalies which pose serious questions about the reality of the presently accepted human "family tree". It may very well be that *Homo erectus*, *Homo Neanderthalensis*, and *Homo Sapiens* are all the same species!

The section on unrecognized hominids is quite fascinating. Included are reports of Bigfoot, American Pygmies, the Yeti, Australia's Yowie and other mysterious and

legendary human-like creatures. While no scientific verification exists on most of these creatures there is a mass of circumstantial evidence, eyewitness reports, legends, etc. This is an excellent resource listing the many different cryptozoological hominids from around the world.

The interactions between humans and animals is explored, from animal hypnotism to bees leading honey-gatherers to the hives, and from human psychic healing of other animals to the claim that if one holds their breath then a wasp cannot sting them. Also explored is the concept of the human-Gaia interface. Corliss speculates on human degeneracy and human-machine interfaces. All in all some fascinating thinking on the frontiers of science.

One benefit of reading Sourcebook Project books is that one learns the accepted view along with the presentations of anomalies. These books are actually excellent textbooks for learning in the diverse areas of science. This series on biological anomalies is a real treat which I have enjoyed going through, and for which I anxiously await the next volumes.

*TJB

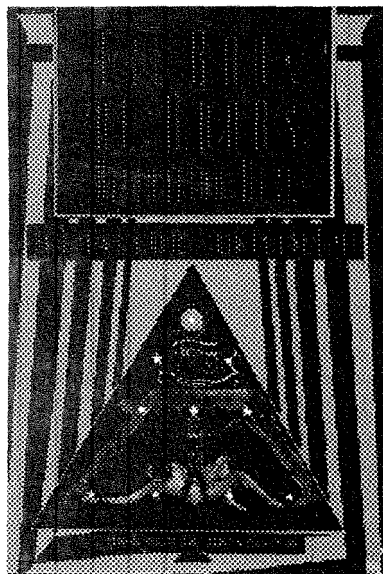
THE BOOK OF DOORS

Divination Deck — An Alchemical Oracle From Ancient Egypt
 Athon Veggi and Alison Davidson
 65 cards + book & die, Inner Traditions,
 Rochester, Vermont, ISBN 0-89281-512-
 4, \$29.95

Having watched this major art/research project unfold over the last ten years it is a landmark for me to see this deck in print. Athon Veggi is an artist, architect and Egyptologist, among her many talents. Her intentions on painting **The Book of Doors** was to recreate the original Egyptian alchemical system of the Neters — the god forms of all life and death, and that which is beyond both of those concepts. Alison Davidson, well known to Borderland readers through her book **Metal Power — Soul Life of the Planets**, worked closely with Athon to produce the written descriptions of the cards and explain the use of the oracle system.

The modern day Tarot cards are based on this original Egyptian system, but they have gain all sorts of "baggage" along the way as various philosophical and symbolic systems, mainly Judeo-Christian, were grafted onto the original neters. While the Tarot is a

logical system of 22 Trumps along with a 4 suits (representing Earth, Water, Air and Fire) of 14 cards (10 numbered cards and 4 court cards), the Doors are an 8x8 matrix of families with an unnumbered card, the "Neter Neter". Beginning with the Primoridals one travels on through an amazing array of fac-



ets on the universal gem, on to the underworld of Amenta, and out through the Com-ing Forth By Day. The artwork is incredibly evocative and beautiful, and it is amazing to see all the cards laid out in the matrix pattern.

The book is very well researched and not only explains the cards and their use, but it also offers many significant gems of insight into the ancient Egyptian Sacred Science.

I have tried this deck as an oracle and find it quite fascinating and enlightening, but I also find the cards to be excellent meditation tools. A picture has been likened to the "phone number" of an entity. These cards are doorways to the primal energies from which the grandeur of Egyptian civilization emerged. Modern researchers, including most anomalists, tend to regard ancient civilizations with modern concepts. No error could be graver in borderland research. These cards will allow researchers gateways into the forms of consciousness that lived in those ancient days.

The Book of Doors is a fascinating reincarnation of the original Neters. It is a definite acquisition for those who love Science, Art and Magic, and consider them One. *TJB

THE LOST PYRAMIDS OF ROCK LAKE

Frank Joseph

Galde Press, P.O. Box 65611, St. Paul, Minnesota 55165, ISBN 1-880090-04-X, 193pp, \$10.95

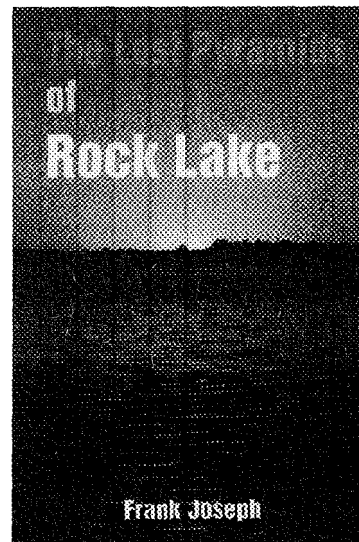
This book came in for review a couple years ago (published 1992) and with many tasks at hand I never got to read it fully. I was aware of stories of rock pyramids at the bottom of Rock Lake next to Lake Mills, Wisconsin. In 1989 *Fate Magazine* had an article by Frank Joseph concerning his diving expeditions which verified that these rock pyramids existed — a most interesting story which adds more curious information to the many curious archeological sites found on this continent. I was aware of this when the book came in, and I must say that I'm sorry I waited so long to read it. This book is great!

Mr. Joseph has done some extensive research into the Rock Lake area. This includes historical and empirical research: surveying, sonar scans, diving, etc. Fortunately his research goes much further as his interests lie in discovering the legendary Atlantis. Without going into the whole story, which is global in perspective, I will cover some of the main points.

The underwater pyramids and effigy mounds are ancient burial grounds, Rock Lake is a necropolis... but for whom? For the peoples who mined vast tonnages of copper from the Upper Peninsula of Michigan state, starting approximately 3,500 years ago! The copper was mined in two waves, the latest from around 900 AD to 1300 AD. Aztalan, an awesome archeological site three miles from Rock Lake was built during this second wave. Who did the mining? Joseph postulates (with good evidence) that it was the same peoples during both waves, and that these peoples can be traced to the Canary Islands, the Canari of Equador, and back the Greek legend of Cadmus, Prince of Phoenicia, who Joseph identifies as actually being Pelasgian (sea people who predated the Greeks and Phoenecians, and who possibly peopled the Minoan and Trojan civilizations). He also postulates that Rock Lake was artificially filled to bury the necropolis in order to save it from desecration once the peoples left the area following the first wave of mining. The story is a bit more complex involving the main source of Bronze Age copper, American copper axe money (circa 900 AD to 1300 AD), ancient trans-Atlantic trade

routes, and a mysterious religion involving burials of headless men and vast architectural projects integumenting cosmic alignments in their structure.

While Joseph deals with the evidence linking Rock Lake, Aztalan, Cahokia and other sites with the copper mining, he makes no further mention of the many thousands mounds found all over the eastern American states, some of which included metal smelting equipment (see **Rebirth of Pan**, Jim Brandon). While I found myself in general agreement with Joseph's book, I couldn't help but think that there is a much greater mystery connected to all of this than just copper mining. Joseph, like most modern researchers, assumes that the vast cosmic alignment systems of mounds and pyramids was simply a calendrical system to mark the seasons, when to plant, when to return to the mines, etc. Having examined the incredibly complex astronomical alignments found across the Americas, from Chaco to Cahokia, I find it condescending to assume that these awesomely engineering sites were simply used as calendar systems. Rather, I would think that these peoples, who suffered not from the slavery of electricity and modern



technology, were able to tap into the subtle cosmic intelligences imbuing our planet with the rhythms and patterns of life. Rather than being counting or marking systems, these vast networks were *connecting systems!* But perhaps this sort of speculation was beyond the scope of the book, which was written to document the available facts in the hopes of preservi these sunken mounds as historic treasures, which they truly are. In that vein I noticed

that maps and diagrams were quite scarce in the book, but I assume that this is because it is an ongoing research project and the researchers don't want the area defiled.

Not only is **The Lost Pyramids of Rock Lake** a fascinating bit of research, but it reads like an great adventure story. I couldn't put it down once I started it. Well worth a read for all students of ancient cultures and pre-Colombian contacts in the Americas. I only regret that I didn't get to it sooner!
*TJB

ON PROPHETS & PROPHECIES

by Jorge Resines

If you are acquainted with the prophecies from the late Edgar Cayce and others who, like him, also had visions under varying conditions on what Earth's future was "implacably bound to be," you must have noticed that most of what has been predicted either did not happen or happened in a highly-ameliorated condition.

The reason behind this writing is to offer for verification a theory of why we have had no such worldwide catastrophes -- and also a "raft" to those who have recklessly pushed this information to the public (creating fear that may become rage against them) as a possible means of personal salvation. . .

In the book "Extraterrestres y Rosacruces" (Aliens and Rosicrucians) by the Italian author (resident at Spain) Mr. Angel Franchetto, where it is reproduced in full an interview granted to the newspaper "Información" (of Alicante, Spain, October 22 and 29th, 1978) by one Mr. Pablo R. who at 2:30 AM of July 5th, 1978, happened to meet an alien craft (saucer-shaped) and what looked like a man from the craft's crew at an undisclosed rural road when coming from a business meeting at an (also undisclosed) rural town.

After initiating contact, the individual I take for an alien told Mr. R. that he had

been chosen for his highly-moral conditions, and when asked if politicians and chiefs of state had not had contacts of the same time, the alien answered that this had happened but as Earth-politicians were of the lowest moral stratum -- these contacts had had almost no effect in the improvement of living conditions at our world.

As the conversation unfolded information of general (and unverifiable) character was given about spiritual and other-worlds life and included within was what I will next translate. In the coming paragraph, "Q" represents what Mr R. asked and "A" the alien's answer.

Q: "We have for a long time heard talking about a possible (global) disaster for our world. Is it true this will happen?"

A: "Even if the time-

factor is an abstraction, the knowledge of the future is made by cognoscitive contact of the actual and mental present (time). This lays foundations upon which can be seated the premonitory premise. That is to say, as in Astrology, we can know in the present time when will happen the optimal foundations for a (given) fact to happen. But this does not mean it will happen.

"If we (aliens) only knew of it, certainly it would happen, for nobody of your world would alter its foundations and therefore the future would not be influenced upon. But as among you there are gifted people possessing the powers of getting into planetary conscience, prophecies are made. And it is then when they fail, specifically. If the prophecy exists, that is the trigger which activates the device that can make it fail.

"... On Earth there were prophets and will be (in existence) beings who have precognitions. However, they are not actual tunings to the future, but an absolute cognition of the whole present at a planetary level. Such an immense encompassing of facts and circumstances leads them (the gifted people) to foresee a future event. The only thing that can alter this event is making public the prophecy itself."

This is the pertinent part of the

interview-the only place I have seen this datum is here I have referenced. The datum makes me think it was released by a true, highly-moral, alien being. Decide for yourself. ■

STRANGE MAGAZINE

FRINGE SCIENTISTS

Wilhelm Reich
Nikola Tesla
Jack Parsons
Jacques Bergier

AERIAL ANOMALIES

UFO Occupants
Falls from the Sky
Ancient Astronauts
Cargo Culls

FORTEANA

Cryptozoology
Underground Mysteries
Kirlian Photography
Time Slips

INCREDIBLE ODDITIES

The Crystal Skulls
The Vinland Map
Archaeoanomalies
Crop Circles

WEIRD SCIENCE

Death Rays
Free Energy
Electrotherapy
Plasma Effects

For five years **STRANGE MAGAZINE** has been bringing its readers an open-minded look at the mysterious world of **Strange Phenomena**. Each bi-annual 64-page issue contains fascinating **first person** strange encounters, in-depth **investigations**, documented **reports**, and fascinating **articles** by top-notch investigators of the unexplained including **John A. Keel, Loren Coleman, Mark Chorvinsky, Jerome Clark, & Vincent H. Gaddis**.

Send check or money order to:

STRANGE MAGAZINE:

PO Box 2246, Rockville, MD 20847

4 issue subscription—\$17.95 (\$22.95 Foreign)

Sample Issue \$5.95

Please charge my: VISA Mastercard

exp. date

NAME _____ card number _____

ADDRESS _____

CITY _____ STATE _____ ZIP _____

Can You Help?

In storage at BSRF HQ we have six boxes of Riley Crabb lectures on reel-to-reel audio tape. Also included are lectures of Max Freedom Long and an interview with Daddy Bray, the Kahuna teacher. These have been in storage for over ten years and we have no time or facilities to deal with them. We will donate them free of charge (+ shipping) to any BSRF member who has the facilities and inclination to preserve this astounding legacy of UFO and metaphysical lectures of one of the most widely read humans in the field. Please contact Michael Theroux at (707) 825-7733 if you are in a position to help with this project.



*COMING UP
IN THE NEXT ISSUE
OF*

BORDERLANDS

*Mystery Stone of New Mexico
Nathan Stubblefield
Earthquakes and Astrology
Interview with Gerry Vassilatos*

DON'T MISS IT!

EXPLORE!

For the Professional

The time to Explore is now, this 80 page, bi-monthly journal is committed to publishing worldwide information on therapies, diagnostics, statistics and new knowledge on the leading edge of health care.

Dr. Morton Walker, D.P.M. writes, "When he wants current information about alternative forms of healing, wholistic medicine, lifestyle improvement, orthomolecular nutrition, environmental trends, and, in fact anything else in the physical, emotional, spiritual and mental health sciences he can seek out his latest copy of Explore!"

Subscription Rates are \$59 per year (6 issues) in US, \$75 Foreign
Major Credit Cards accepted 1-800-845-7866 orders only

EXPLORE! Publications • P.O. Box 1508, Mt Vernon, WA 98273
Call: 360) 424-6025 Fax: 360) 424-6029

PARANOIA

The Conspiracy Reader

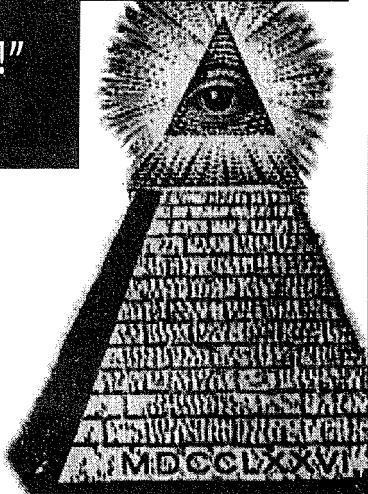
"A dizzying web of connections...
Weirdness on a grand scale!"
The Village Voice

"A Top Ten zine!"
Playboy

Sample Issue: \$4 US\$6
(Canada) US\$7 (Int'l Air)

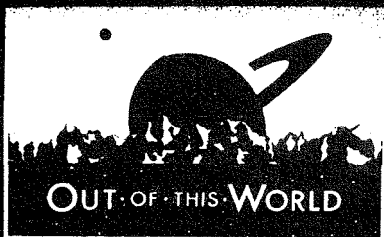
Subscription (4 issues):
\$12 US\$24 (Canada)
US\$28 (Int'l Air)

PARANOIA, PO Box
3570, Cranston, RI
02910, USA



20 Years Ago in BORDERLANDS

- * MEADE LAYNE AND THE PRINCIPLES OF BSRF - From a 1946 Letter
- * INTERVIEW WITH DR. SPOCK
- * URI GELLER, CHALLENGE TO SCIENCE AND TO METAPHYSICS
- * FAMILY'S SILVERWARE CURLS AS THEY WATCH GELLER
- * VERNE CAMERON'S VRIL STICK
- * CLIPS, QUOTES & COMMENTS - "Big Foot" of Earth Origin, Mate-eating - A Revolting Habit, Homeopathy Alive and Flourishing, Inventor Pays Taxes, Carburetor On Carburetor, Espiritista Healers In Australia, Source Books For Ritual Magick, "Magnetism and Its Effect On The Living System", "Psychic Healers", "The Spear of Destiny", The Eyes of the Demon, Radiesthesia, Anyone?, The U.S. Radionics Congress, The Radionic Association, Rainbow Festival in Waikiki, Telepathy Is A Real Thing!, 1974 Annual Report, Electronic Stimulation of ESP, Seven Cancers Removed.



TELESCOPES
BINOCULARS &
SCIENCE FUN

(707) 937-3335
P.O. BOX 1010

45050 MAIN STREET
MENDOCINO CA 95460

BORDERLANDSONLINE

Borderland Sciences Research Foundation Archives

Connect to Borderland Sciences on the Internet!

ftp northcoast.com - login: anonymous - cd pub/bsrf

Send E-mail to: bsrf@northcoast.com

or

Call the BORDERLANDS BBS

New Number: (707) 825-7739

14,400bps, 8n1

File Sections Include: Archæology, Science Texts and Programs, Borderlands Archives, Radio, Martial Arts, Cryptography, and more ...

Collaborate with Researchers Across the Globe — The main focus of the message bases which include: Borderland Science, Research/Collaboration, S. F. Tesla Society, Daily Seismic Reports, and more...
CALL TODAY!

NEWSPEAK

5 Steeple Street, Providence, RI 02903

48 pages of Conspiracy - Sex - Weirdness - Send \$3
\$5 Intl.



It's a Catalog - It's a Magazine - It's a Fringe Guide

KATAZZINE

Check out what you've missed!

BORDERLANDS originated as Meade Layne's **Round Robin** in 1945 and was changed to **The Journal of Borderland Research** in 1959, finally becoming **BORDERLANDS** in 1992. **BORDERLANDS** backissues are available from 1990 to the present with very limited quantities of early original issues. Single issues cost \$6.95 unless otherwise priced below.

□ ROUND ROBIN

Vol. 1, No. 1, February 1945 (10 pp.) *Vitality Globules, Spectral Appendectomy, Definitions: Science and Religion, Personal Note on Round Robin.* **ORIGINAL PRINTING, VERY RARE — 3 copies available — \$500 ea. (limit 1 per customer)**

□ THE JOURNAL OF BORDERLAND RESEARCH WEATHER ENGINEERING ISSUE

Vol. 43, No. 1, January-February 1987 (32 pp.)

- * OPERATION PINCER II - Trevor James Constable
- * DYNAMICS OF THE HUMAN POTENTIAL FOR OCULAR CLOUDBUSTING - Gerhard Weber
- * THANK ETHEL FOR THE RAIN - Newspaper Clippings
- * FLYING SAUCER STYLE - Klark Kent
- * WILHELM REICH AND THE CLOUDBUSTER - Marc Seifer
- * YOGIC WEATHER CONTROL - Count Stefan Colonna Walewski
- * CLIPS, QUOTES & COMMENTS
Engineering The Chemical Ether * A Rededication * Contacts * Random Notes * BSRF Literature

ORIGINAL PRINTING, RARE — only 4 copies available — \$30 ea. (limit 1 per customer)

□ THE JOURNAL OF BORDERLAND RESEARCH

Vol. 46, No. 2, March-April 1990 (32 pp.)

- * NEW CONCEPTS IN POWER GENERATION - Jim Murray
- * DETECTION OF STATIONARY AND DYNAMIC SPACE SUBSTRATUM - Paramahansa Tewari
- * DIELECTRICITY & CAPACITANCE - Eric P. Dollard
- * FIZIX KORNER - Peter Lindemann
- * EVOLUTION OF MATTER & EVOLUTION OF FORCES, by Gustave Le Bon - Book - Review by Gerry Vassilatos
- * THE VEDAS: Mantras, Mandalas, The Krell Helmet and John Keely - Jerry W. Decker

□ THE JOURNAL OF BORDERLAND RESEARCH

Vol. 46, No. 6, Nov.-December 1990 (32 pp.)

- * JUPITER AND TIN - Alison Davidson
- * JACK DERBY - MR. FIX-IT/NEW AGE INVENTOR - Harry Davis
- * APPARATUS FOR DETECTING EMANATIONS FROM PLANETS - Buryl Payne
- * MAGNETIC ENERGY TAUGHT ME NEW BASIC CONCEPTS, Part II - Larry Spring
- * PHANTOM ARMIES OUT OF TIME - Vincent H. Gaddis
- * BSRF BULLETIN BOARD - Letters, Reviews, Contacts

□ THE JOURNAL OF BORDERLAND RESEARCH

Vol. 46, Nos. 3 & 4, May-June-July-August 1990 (56 pp.)

- * THE IRON ROD OF MARS - Alison Davidson
- * HOMEOPATHY: A Vibrational Perspective - Dr. Donald R. Beans
- * LIFE FORCES AND PHYSICS - Buryl Payne, Ph.D.
- * EDGAR CAYCE & THE RADIAL ACTIVE APPLIANCE - Phil Thomas
- * BIOCIRCUITS: New Technologies In Holistic Health - Terry Patten
- * OZONE IS GOOD AND NATURAL - Ed McCabe
- * RADIONIC MACHINERY TO REGULATE EARTH VEINICS - Gerry Vassilatos
- * NOXIOUS EARTH ENERGIES - Kathie Bachler
- * EFFECTS OF 6-10 Hz ELF ON BRAIN WAVES - David S. Walonick
- * PHYSICS AND TECHNOLOGY OF THE PHENOMENON OF SPACE POWER GENERATION - Paramahansa Tewari

□ THE JOURNAL OF BORDERLAND RESEARCH

Vol. 46, No. 5, Sept.-October 1990 (32 pp.)

- * THERE IS NO "FREE" ENERGY - An Anonymus Friend
- * MAGNETIC ENERGY TAUGHT ME BASIC NEW CONCEPTS - Larry Spring
- * THE COIL/ORAC EFFECT - Nicholas A. Reiter
- * VIKTOR SCHAUBERGER'S BIOLOGICAL SUBMARINE - Albert Zock
- * UNDERSTANDING THE CONTINUOUS UNIVERSE, preparing for transmutation - Rhetta Jacobson Baumgartner
- * AMERICA'S AMAZING ALCHEMIST - Vincent H. Gaddis
- * QUICKSILVER - MERCURY'S LIQUID METAL - Alison Davidson
- * OMENS, SIGNS AND THE ENERGIES OF TIME - Eugenia Macer-Story
- * CONDUCTING CHLOROPHYLL ENERGY OVER WIRES - Dr. T. Galen Hieronymus.

□ THE JOURNAL OF BORDERLAND RESEARCH

Vol. 46, No. 6, Nov.-December 1990 (32 pp.)

- * JUPITER AND TIN - Alison Davidson
- * JACK DERBY - MR. FIX-IT/NEW AGE INVENTOR - Harry Davis
- * APPARATUS FOR DETECTING EMANATIONS FROM PLANETS - Buryl Payne
- * MAGNETIC ENERGY TAUGHT ME NEW BASIC CONCEPTS, Part II - Larry Spring
- * PHANTOM ARMIES OUT OF TIME - Vincent H. Gaddis

□ THE JOURNAL OF BORDERLAND RESEARCH

Vol. 47, No. 3, March-April 1991 (32 pp.)

- * OPERATION CLINCHER - A B.R.S.F. Special Report
- * SACRAMENTAL THINKING - Joel A. Wendt
- * URANUS AND THE RADIOACTIVE METALS - Alison Davidson
- * THE WORLD RUNS ON AC - Larry Spring
- * THE SPIRAL COIL MULTI-WAVE OSCILLATOR, Part II - Louis A. Schad

THE JOURNAL OF BORDERLAND RESEARCH

Vol. 48, No. 3, May-June 1992 (32 pp.)

- * BORDERLAND QUAKES! - Michael Theroux
- * ON THE TRAIL OF THE LAKHOVSKY M.W.O. - Jorge Resines
- * VIEW FROM THE BORDERLANDS: Some MWO/RCO Questions Answered - Tom Brown
- * M.W.O. ROUNDUP - Peter A. Lindemann
- * EXISTENCE OF ABSOLUTE TIME - Dorotheos C.E. Cody
- * FIZIX CORNER - Peter A. Lindemann
- * A ROUND PEG IN A SQUARE HOLE - Larry Spring
- * FIELD GENERATORS - R.F. Directo
- * SCIENCE FICTION REVIEWED - Michael Theroux

THE JOURNAL OF BORDERLAND RESEARCH

Vol. 48, No. 5, Sept.-October 1992 (32 pp.)

- * TUNNELS OF THE TITANS - Vincent Gaddis
- * PRE-COLOMBIAN GEODESICS - Jorge Resines
- * ANCIENT COSMOGRAPHY AND THE CROP CIRCLES - Michael Theroux
- * THE CIRCLEMAKERS - Book Review
- * MUSIC, ALCHEMY, AND PROJECTIVE GEOMETRY - Michael Theroux
- * DESIGN ECOLOGY - Michael Riversong
- * FIZIX KORNER - Peter Lindemann
- * AIDS/SYPHILIS UPDATE - Peter Lindemann with Joan McKenna
- * THE UNION ESPIRITISTA CHRISTIANA DE FILIPINAS - Harvey Martin

THE JOURNAL OF BORDERLAND RESEARCH

Vol. 48, No. 6, Nov.-December 1992 (32 pp.)

- * CHACO CANYON - Great Wonder of the World - Alison Davidson & Tom Brown
- * RECORDING TELLURIC SIGNALS, Part I - Gerry Vassilatos
- * ASTRONOMICAL CORRELATIONS FOUND IN CROP FORMATIONS - Colette M. Dowell, N.D.
- * FIZIX KORNER - Peter Lindemann

BORDERLANDS - The Crossroads of Science and Spirit

Vol. 49, No. 1, 1st Quarter 1993 (52 pp.)

- * THAT WHICH IS ETERNAL IN US MUST BE AWAKENED - Tom Brown
- * DEVELOPING THE KOLISKO APPROACH - Nick Kollerstrom
- * FIND ACU-POINTS WITH YOUR COMPUTER - Stephen Gibson
- * I AM ENERGY - Larry Spring
- * A POSSIBLE ALTERNATIVE TO BATTERY POWERED VEHICLES - Ed O'Brian
- * DESIGN ECOLOGY, Part II - Michael Riversong
- * RECORDING TELLURIC SIGNALS, Part II - Gerry Vassilatos
- * THE PAPER DOCTOR - Book Review by Peter A. Lindemann
- * THE LAKHOVSKY MWO: BACK TO SQUARE ONE - Peter A. Lindemann

BORDERLANDS - The Crossroads of Science and Spirit

Vol. 49, No. 2, 2nd Quarter 1993 (52 pp.)

- * THE MYSTERY OF QIGONG - Dr. G.K. Knowlton
- * CHAOS, ORDER OR NATURE? - Michael Theroux
- * SCHAUBERGER VS. ARCHIMEDES - Albert Zock
- * INTERACTION OF MAGNETIC FIELD AND POWER CURRENT IN SPACE POWER GENERATION - Paramahansa Tewari
- * FIZIX KORNER - Peter A. Lindemann
- * ELECTRO-THERAPEUTIC APPLIANCE - U.S. Patent 412,196, John S. Mellon
- * Paradigm de Jour GREY ALIENS BITE THE DUST - Alison Davidson
- * DESIGN ECOLOGY, Part III - Michael Riversong
- * SCIENCE & HEALTH and THE EARTH & OURSELVES: Books by Georges Lakhovsky - Reviewed by Jorge Resines
- * ANOTHER POSSIBLE ALTERNATIVE TO BATTERY POWERED VEHICLES - Ed O'Brian
- * EXPLORATIONS IN GRAND CANYON: Mysteries of Immense Rich Cavern Being Brought to Light - "Phoenix Gazette", April 5, 1909

BORDERLANDS - The Crossroads of Science and Spirit

Vol. 50, No. 2, 2nd Quarter 1994 (52 pp.) *Riley Hansard Crabb Memorial Issue*

- * SHED NO TEARS FOR RILEY - Trevor James Constable
- * FLYING SAUCERS AND AMERICA'S DESTINY - Riley Crabb
- * THE MEANING OF THE WORD PSYCOGRAPH - E. D. O'Brian
- * DECIPHERING THE MOST MYSTERIOUS MANUSCRIPT IN THE WORLD - Michael Theroux
- * EIDETIC GEOCENTRISM - Part I - Gerry Vassilatos

BORDERLANDS - The Crossroads of Science and Spirit

Vol. 50, No. 3, 3rd Quarter 1994 (52 pp.)

- * TZOLKIN - John Major Jenkins
- * THERMODYNAMICS AND FREE ENERGY - Peter Lindemann
- * COMMUNICATION AND THE EIDO-DENDRITIC EXPERIENCE - Michael Theroux
- * INDUCING THE URPFANZE - Dennis Klocek
- * EIDETIC GEOCENTRISM - Part II - Gerry Vassilatos
- * EARTH'S CENTER OF GRAVITY - UP OR DOWN - Ray Palmer

BORDERLANDS - The Crossroads of Science and Spirit

Vol. 50, No. 4, 4th Quarter 1994 (52 pp.)

- * THE FIFTH SUN - Aymon de Roussy de Sales
- * SEISMOLOGY IN BRIHAT SAMHITA - Dr. E. A. V. Prasad
- * THE ETHER-WORLD OF THE PLANETARY SPHERES - Dr. Guenther Wachsmuth
- * EIDETIC GEOCENTRISM - Part III - Gerry Vassilatos
- * KONG JING - EMPTY FORCE - Dr. G. K. Knowlton
- * FOLLOW THE SUN - Larry Spring

All titles subject to availability.

**Order any 10 issues (1990-95)
before July 1st and receive 25% off!**

All prices subject to change without notice.

To order call (707) 825-7733 or write:

Borderland Sciences Research Foundation

P.O. Box 220 ★ Bayside ★ California ★ 95524 U.S.A.

“Connect yourself
to the best brain-
food on the planet ...
I did!”

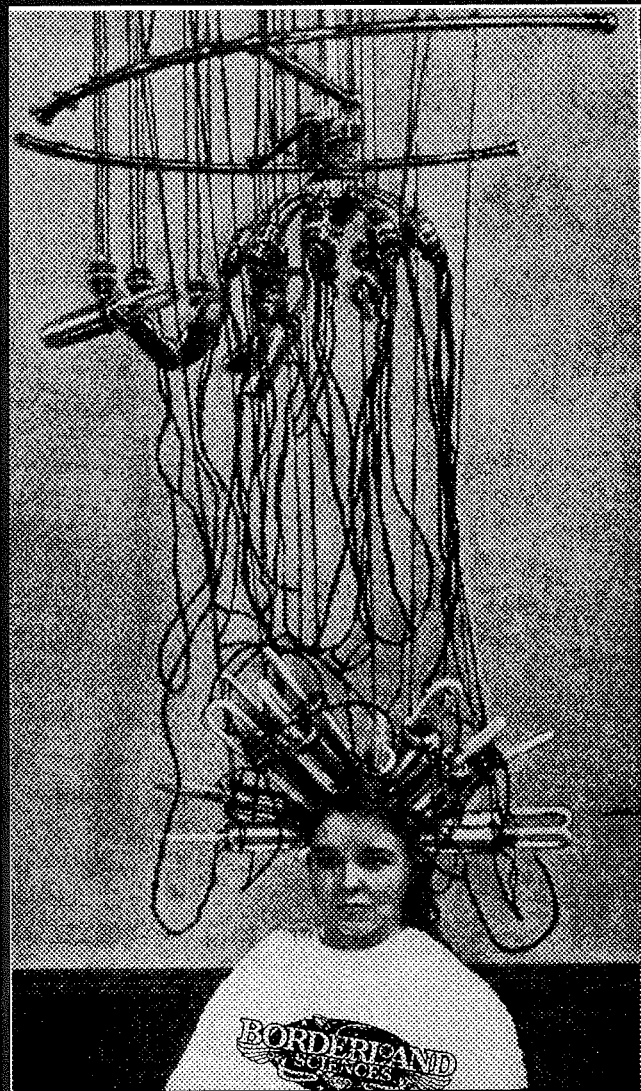
**Don't miss one exciting issue
Subscribe Now!**

Yes, I want to subscribe to
BORDERLANDS. I've enclosed
\$25/year by check/MO or MC/VISA.

Name:

Address:

MC/VISA _____ EXP _____



P.O. Box 220 ★ Bayside ★ California ★ U.S.A.
Postal Zone 95524

ADDRESS CORRECTION REQUESTED

BULK RATE
USA POSTAGE
PAID
Providence,
Rhode Island
Permit No. 2475