



BORDERLANDS

THE CROSSROADS OF SCIENCE & SPIRIT

Volume L, Number 2, Second Quarter 1994



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Associate Editor & Production Assistant

Alison Davidson

Associate Editors

Peter Lindemann

&

Michael Theroux

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Riley Hansard Crabb Memorial Issue

This issue of **Borderlands** is dedicated to the late Riley H. Crabb who edited this publication, under title of *The Journal of Borderland Research*, for a marathon 25 years. I doubt if this issue will give a complete view of Riley's work, he wrote and lectured so much, but it is my humble approach to presenting his views and concepts. Much of what you will read here will seem dated—and I have left it in as original form as possible to give the flavor of the times—but in reality it is still far beyond the great masses of humanity. When Riley turned the editorship over to me in late 1985, he asked for only a small mention of his leaving. I wanted to do a special issue at that time on his work, but he would hear nothing of it. It is my sincere hope that this issue will give keen insight into one of the most far-out and interesting humans I have ever met, and give honor to one who was instrumental in giving me direction in life.

Thomas J. Brown, Editor-in-Chief

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Riley Hansard Crabb Memorial Issue

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SHED NO TEARS FOR RILEY

by
Trevor James Constable

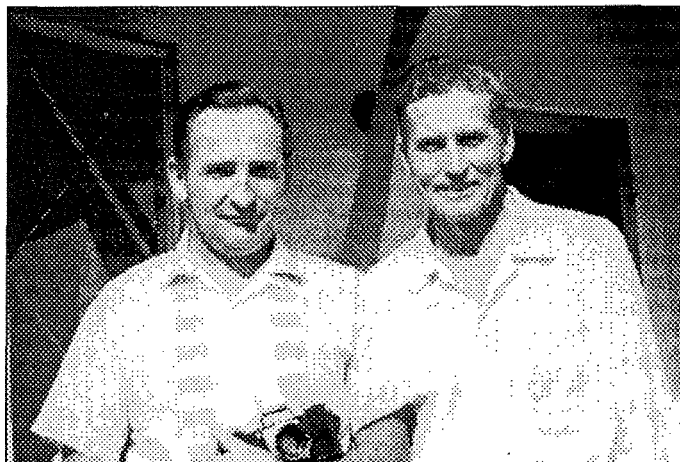
HIS PASSING FROM THIS LIFE would be regarded as a blessing by Riley Crabb himself, because he knew his work here was done, and that his physical vehicle was no longer serviceable. The time had come to review and distill into seed form, the lessons of the life just completed, and begin his sojourn in the spiritual world, preparatory to his reincarnation. Nobody knew all this better than Riley.

Those of us who knew him well, and appreciated his vast esoteric knowledge, could not justify shedding a tear for him on this account. His physical death could only be, for Riley, a gateway to fulfillment. He devoted his earth life to the service of others in a significant and enduring way, and this endowed him spiritually in a fashion few human beings in the Western world ever attain.

Riley's life provided him with a comprehensive understanding of the character, purposes and hazards of the *post mortem* world. Habile in both Theosophy and modern esoteric Qabalism, Riley would be among the few men of the West to cross the Styx with confidence and without disorientation.

Men who spend their lives in pursuit of the material wealth of this plane, lay up no treasure in those afterlife realms where "neither moth nor rust doth corrupt, nor thieves break through and steal." Such people cannot take even a thin dime from this world. All earth plane rubbish and plunder stay here. Impoverishment in the afterlife results from not laying up "treasure" in the spiritual world while individualized in a mortal body, which provides the means of spiritual development as well as material wealth.

Riley understood all this, and taught it to others. In the course of his fruitful life, he gave sound and solid guidance to scores of thousands of people. He delivered in person literally thousands of lectures. Via cassette tapes and printed transcripts he reached thousands more, all over the world, and his lectures will be appreciated far into the future.



Trevor Constable and Riley Crabb enjoy a break between momentous discussions on the nature of reality, circa 1960's

When Riley took over BSRF from the late Meade Layne, it was a propitious event, for BSRF could easily have gone out of existence at that time. In my opinion, it was also a massive karmic bolus for Riley that he would need a lifetime to choke down. Unintentionally perhaps, he was taking the celebrated Vow of Poverty. His toils and travails never ceased, to keep the beacon of BSRF burning. He achieved that goal, for the benefit of thousands of people.

Many times, when I visited him at his modest home in Vista, California, he would try and sell me on the Vow of Poverty, because I was obviously doing a little better economically in this world than he was. I would have none of it. Our arguments, had they been taped, would have been entertaining today. He could be stubborn, and he was frank, many times striking fire in conversation with people he had only just met.

The late Marion ver Hoven, a member of BSRF since Meade Layne's earliest days, was a professional astrologer and also a capable biorhythmist. She bombed Riley with critical letters, mainly because his kneejerk loyalty to the Democrats — which dated from his own lean times in the Great Depression — sometimes leaked into his editorial writing. I once asked her why she took after Riley so. She said, "It's not me, it's *him*, with his bloody Aries arrogance."

Riley Crabb was an excellent writer on esoteric subjects, and his years of lecturing brought to full flowering, his gifts as a teacher. While he ran BSRF he skated on the brink of poverty, but he was indomitable, and never lost his sense of humor. He might have some bad karma from lumbering the young Tom Brown with BSRF, but Riley lived a life of service.

The great teachers of mankind have all emphasized the high spiritual and karmic value of *service to others*. On that score, Riley Crabb went out of this life a rich man. I look forward to resuming our arguments about the Vow of Poverty, when we next meet.

A TRIBUTE TO RILEY H. CRABB

by Vincent H. Gaddis

As we drift or gallop through life, we meet persons who stand out like lights on a dark street, like signs on a strange road. They may teach, sympathize, help, advise or amuse us. They are remembered.

Riley H. Crabb was such a man to me and doubtless to many others. He had many friends and many correspondents. He knew what was happening in our realm of "new age" truth seeking. To my questions he always had an answer.

My memories of Riley will always be linked to the series of weekend meetings he sponsored years ago. They were held at Harmony Grove, a cabin camp with an auditorium near Escondido, California. To attend these gatherings my late wife and I moved south from San Francisco. The speakers ranged from the lunatic fringe to the scholastic. Riley had a sense of humor as well as a scholarly mind. He could entertain as well as instruct.

At this time the UFO contactee meetings were being held over in the desert at Giant Rock. To Harmony Grove came the contactees to sell their ghostwritten, vanity published books and to relate their affairs with the space brothers and sisters.

There was the late Orefeo Angelucci. He favored us with visits in between his flights into outer space with Skipper Aura Rhanes and her handsome Venusians.

There was the self-proclaimed Mr. America. He removed his shirt to show us his huge muscles. He attributed his super-strength to a fruit diet.

To the Grove came royalty in the form of Prince Nebi and his harem of three young females. He said he came from the planet Bunktura which even Einstein couldn't locate. However we didn't bow or curtsy anymore when we were told the "prince" had abandoned a wife and children back East.

And there was George (last name forgotten) who said he was a psychometrist. He gave readings for folks holding personal articles like rings, watches, etc. We gave him a photo of Indian petroglyphs on rocks on a hilltop near the Grove. We learned with astonishment that the grove was the site of an ancient camp by Lemurians on their way to Mt. Shasta.

We were entertained. But Riley brought us speakers who offered us food for our minds and souls. Here are a few of them:

There was Rahmen Bey, a master of mysticism, who explained Yoga philosophy.

Arthur J. Burks one of the few known as a million words a year writers during the heyday of the pulp magazines. He wrote a 60,000 word novel a month for Doc Savage magazine.

Andy Anderson, master of the psychodrama for getting rid of your hang-ups. You could sit in his Faraday Cage and try to find yourself (if you were missing).

HARMONY GROVE, CALIFORNIA

Convention of Borderland Sciences

JULY 1, 2, 3, 4

Four Full Days
of Lectures-Demonstrations
By Experienced Researchers in:

Psychic Research	Mediumship
Radionics	Telepathy
Radioactive	Hypnosis
Dowsing	Magics
Photography of the Invisible	
Sound and Color Alchemy	
Underground and Outer Space Research	

Here is your chance to gather with like-minded borderlanders to discuss your favorite subjects, to compare notes, and to hear what others are doing in your chosen field.

A limited number of housekeeping and sleeping cabins available at the Grove, \$2 to \$5 per night. Also Trailer and Camp Sites, Snack Bar and Restaurant.

Registry: \$1.00 per day.

Bike to nearby Indian Hieroglyphics and Ceremonial Site on mountain.

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BORDERLAND SCIENCES RESEARCH ASSOCIATES
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Riley Crabb, Director Palace 4-2043

Ad for Borderland Sciences Convention at Harmony Grove, California from the March 1961 *Journal of Borderland Research*

Lloyd Flowers, who sought proof that there were old world contacts with America long before Columbus.

Bob Beck, who gave me a shot of helium gas and for a short time I became a tenor the equal of Caruso.

Max Freedom Long, who rediscovered the ancient Hawaiian Huna magic.

William Cox, who discovered not only himself but many other things with his dowsing and pendulum.

There were many others.

Hail and farewell, Riley. You entertained us. You brought us knowledge. You left our world a better place. May angels accompany you to that wonderland of peace and enlightenment that lies beyond our ken.

Vincent H. Gaddis has been associated with Borderland Sciences since 1945, and was listed for a time as an associate editor of Meade Layne's *Round Robin*. He is a well known and highly regarded fortran researcher who is the author of many books and articles on borderland subjects, including **Native American Myths & Mysteries**, **Mysterious Fires & Lights**, and **Invisible Horizons**. Vince currently lives in Redway, California.

Riley Hansard Crabb

The Search for Truth ... Wherever that may lead.

some notes and thoughts by
Thomas J. Brown, Director
Borderland Sciences Research Foundation

RILEY HANSARD CRABB began interacting with Borderland Sciences Research Foundation in the early 1950's as a member during Meade Layne's tenure. However his experience in the field goes back to 1934 when he discovered the metaphysical library of the Theosophical Society in Minneapolis, Minnesota. Riley did his first psychic research during that period with Mrs. Nellie Peyton, a mystic and seer whose talents were sometimes used by Minneapolis detectives to locate missing persons.

Military service took Riley to Hawaii in World War II and he remained there for 13 years. This gave him ample opportunity to study Pagan magic at first hand with such Kahunas as Charles Kenn, David "Daddy" Bray, Kino Lau and others. He was given the Hawaiian name Alapai. Riley married his second wife, Judy, in Hawaii. Judy shared in Riley's search for answers to the great unknown and worked with him until her death in 1985.

Riley worked as a journalist, photographer and paste-up man for military publications in Hawaii, a great preparation for his immanent stint as editor of *The Journal of Borderland Research*.

Riley and Judy moved to California in 1957, when Riley took a job as a Visual Information Specialist for the Navy's Pacific Missile Range, Pt. Mugu, California. He also worked other related civil service jobs.

In 1959 Borderland's aging founder Meade Layne asked Riley to take over as director of BSRF. Riley readily accepted and took on BSRF as a full time occupation. He moved the headquarters to Vista, California from San Diego and began an energetic path of lecturing, writing and publishing. In Vista Riley was a friend and neighbor of the late Max Freedom Long, author of many books on Hawaiian healing and magic. Riley worked BSRF with his wife Judy, who acted as Secretary-Treasurer to the foundation. Judy co-wrote the Kabalistic Studies series. In August of 1985, after Judy's death, Riley asked me, Tom Brown, to carry on the work.

Riley always said that his motivation was "the search for truth, wherever that may lead". This often got him into hot water with Borderlanders of differing opinion, but Riley would stick to his guns, and often convert people to his ideas and opinions. For each of us there is a separate truth, and in common we have a great Truth. For Riley, his separate truth was a grand view of the universe, which never ceased to fascinate him and grant him new knowledge and experience as time marched on. With his great learnings in the manifold aspects of the spiritual realms he could speak on almost any tradition with great knowledge. He connected his personal truth in many ways with the Great Universal

Truth and strove to pass on his insights to others, regardless of the flak created.

Riley was very active in spiritual healing, and he built radionic and spiritual healing devices. When I took over from him in 1985 he had a room filled with all manner of whirring, clicking and pulsing devices with "witness" pictures of private contacts and public figures gleaned from the media. The Pope, Begin and Arafat, they all needed prayers in Riley's view. Disagreement with the person's philosophy was irrelevant of the fact that we all need prayers and spiritual upliftment. Riley sincerely helped all he could.

I enjoyed knowing Riley, and I will always honor his impetus and remember him well. Our interaction was at a level above the physical. I enjoyed our early 1980's weekly coffee meetings where we would talk of anything and everything (and sometimes discuss the technical aspects of "nothing"). He was certainly one of the most far out and well read individuals on this planet and I will always appreciate my contact with him. His influence is forever integrated into BSRF's work, though the continuing search for truth was necessarily modified by my own point of view and the continual flow of events and information. Riley gave me his house in Vista when he turned BSRF over. He said that the support would be necessary. I was shocked and insisted on working out a payment plan ... he refused, saying that everyone's house should burn down once in their lifetime to free them—like a Buddhist meditation on non-attachment. He left Vista a happy man on his way to circle the globe, with a minimum of survival baggage — eventually settling down in New Zealand and marrying Phyllis Hall, a long-time researcher of UFOs and the spiritual worlds.

As Riley was wont to give up material substance at a moment's notice to move on to something new, I believe that this could also be said of his passing from this life ... he left behind his writings and work for others to benefit and grow, and I doubt if he looked back. He knew quite well that the material was a mask for the spiritual.

I'll always remember Riley as a dynamic human being who strove for enlightenment, and had a good laugh whether he was successful in a project or not. I don't think that anything that I could write would do justice to the many deeds of his recent incarnation. Riley would not have wanted a memorial issue, he was happy to have moved on. But his work was an important impulse and needs to be recorded. So on the following pages are a listing of most of Riley's BSRF publications. It is said that a man's greatest legacy is his work. If this is the case, Riley left behind one incredible edifice of stimulating material ... it truly speaks for itself.

Bibliography of Riley Hansard Crabb's Borderland Publications

This listing is as complete as our files indicate at present, and only represents papers and lectures published through BSRF. Riley wrote prolifically and filled notebooks with ideas. We have several boxes of notebooks here that have never been fathomed. The descriptions of these books were written by Riley and used as catalog information. They have been edited slightly, but presented this way to give the flavor of what Riley was trying to transmit in each presentation. The BSRA and BSRF numbers were Riley's system for tracking, and they have been left on for historical and bibliographic purposes, though they are no longer used.

Riley used the term "New Age" quite a bit. He felt that a new age was dawning, based on increasing acceptance of the finer forces of nature and the higher states of consciousness available through dynamizing the whole human being. He agreed that much of what is now termed "New Age" is material of little depth or content, and in many ways diverting the seeker from the Truth, though he liked the inspirational messages that were channelled as the Journal of Borderland Research will attest during his directorship. Riley was an unsung hero of knowledge in many fields, especially the UFO field where he was able to understand the relationship between all aspects, the physical evidence, the mediumistic messages, and the internal awakening which he related to humanity's climb up the Tree of Life. He took the 4-D UFO explanation developed by Meade Layne, Mark Probert and the BSR Associates (as they were called in those ancient days), and put it into schematic representation in his illustrated lectures. To Riley, a trip to the moon in a spaceship had to have the inner component of travelling from Malkuth (earth) to Yesod (moon) on the Tree. Certainly an advanced thinker, whose work may seem dated in some aspects, but in the important ones is still far beyond the present day thinkers in the field! I once asked Riley if some of this material didn't seem a little crazy — he replied that it was his "insurance policy", that publishing far out ideas was important as there were so many pieces of good useful information contained within that would or could be otherwise suppressed.

FLYING SAUCERS AND THE NEW CONSCIOUSNESS — Proposes the idea that the elusive ships from outer space are forcing us to become aware that other dimensions of time and space are around us and within us. BSRF calls this the 4-D explanation of the Flying Saucers and says they are materializations from the Fourth Dimension. This explanation is rejected by the authorities in science and no political pundit would dare offer this to his constituents and hope to remain in office! Nevertheless the evidence for the Visitors' presence is incontrovertible, as is shown in this lecture. Includes reviews of the Maury Island-Puget Sound incident of June 21, 1947 — also the San Diego sighting of October 9, 1946, first reported in BSRA publications (the first published UFO report of the modern era!). BSRF No 2-A

FLYING SAUCERS AND THE COMING SPACE PROBES — Discusses the probability that true deep space flight is impossible for man in his physical body, and suggests the possibility that present physical structures won't hold together beyond the earth's magnetic field. The real reason for the U.S. Government's "silence policy" on Flying Saucers is given. Includes speculation on the probability of a Saucer landing at Edwards Air Force Base, California, in early 1954, gives new data on the tragic Mantel case of 1949, and reports on the findings of the Norwegian government regarding the crashed Spitzbergen spaceship of 1952. Riley charts the range of consciousness from matter to energy (or from physical to pure Spirit, depending on the point of view) and also discusses the evidence for the decay of our civilization. BSRF No 2-B

FLYING SAUCERS AND AMERICA'S DESTINY — This is the lecture that contains so much data on the Polar Flip hypothesis. But more important than that is the revelation of America's leading place in the New Age, once the cataclysmic activity is over. Riley compares scientific data on the planetary cycles with that of

certain astrologers, the Theosophical Society, the Space Teachers of George Van Tassel. Other subjects touched on in the presentation are: the sinking of Atlantis, the Judgement Day, the Trance of the Change, the prophecy of George Washington, and the role of the Space Visitors at this time. The master, the major and the minor planetary cycles of the last 25,900 year period are charted. BSRA No 2-C

COMMUNICATION WITH FLYING SAUCERS (And Their Occupants) — An analysis of the problem of communication with outer space, both from the standpoint of the Visitors and the Invaders in our skies, and from that of the human being who yearns for more Light from Heaven. As the Venusian told Paul Vest in Santa Monica in 1953: "Our problem is to find people who can understand without fear, and cooperate without hesitation." So, this presentation starts off with an explanation of the five different kinds of ESP, or mediumship, and the three types of contact. Included in this is a description of the characteristics of the psychic racketeer, and of the sincerely deluded contactee, mostly from Mr. Crabb's personal observation of them. There is also a listing of the seven basic character principles necessary for mediumship of the highest order, based on Manly Hall's writings. This presentation concludes with a review of data on physical contacts with Venusians in Los Angeles in 1953. BSRF No. 2-D

THE REALITY OF THE UNDERGROUND CAVERN WORLD — An illustrated presentation about the interior of the earth and those who live in it. This includes comment and analysis about the following: the origin of the Serpent Race, a magical ceremony for evoking Cavern dwellers in the Alps, the Shaver Mystery and the Deros, the Catacomb of Hal Safilini on Malta, human dwarfs and 20-foot giants, the Kingdom of Pan — Fauns and Satyrs, the planes of Consciousness in the Earth and a guided tour through the



Riley Crabb pointing to the only “flying saucer” that Otis T. Carr ever built, stuck on a billboard around Barstow, California, date unknown. Riley considered Carr to be a slick con man who soaked up over a million in investors’ money claiming to have the technology for a spaceship. He patented a saucer-like contraption as an “amusement device”, but this only fueled the gullible who thought it was a suppressed technology. While Riley was sharp enough to catch on right away in the 1960s, there are still too many people who would line up today to give their money to “Dr.” Otis T. Carr!

Interior, and in conclusion a message from an Earth God.

BSRF No 2-E FLYING SAUCERS ON THE MOON — Riley starts off with the premise that the moon is inhabited and is a Flying Saucer base. This is backed up with an analysis of 200 years of astronomical observations on the moon. Illustrations include drawings of moon craters which show the layout of inhabited communities, and the movement of landed spaceships. The race to the moon will do what the Flying Saucer phenomenon didn’t do, expand the consciousness of the human race. We are in the midst of this revolution now and Riley gives some hints as to who will be most hurt and who most helped by this radical change in understanding. The last portion of the talk is given over to the an explanation of the Etheric Worlds, and of the occult or hidden side of the moon and its control over the sex life of humans. The Archangel of the Moon, Gabriel, is also God of Dreams. Here is a hint as to why the Astronauts experience a “break off” in consciousness at high altitudes. **BSRF No 2-F**

LUCIFER, THE LIGHT-BRINGER — Do you really know the Devil? When he first Appeared? His official positions in the Occult Hierarchy? His other functions and responsibilities? His relation to the Extreme Right of Catholicism and the Extreme Left of Communism? This talk, given at Harmony Grove, California, June 2, 1963, classifies and diagrams many aspects of the problem of Good and Evil, as seen through Occult Science and the Kabala. There is much food for thought here and the philosophy from the Western Mystery Tradition may make the birth pains of the New Age a little easier for you to take! An interesting dialog with a devil is included, the one who inspired the Kaiser in World War I. **BSRA No 2-G**

AN ATTEMPT AT COSMIC MEDIUMSHIP — This is the record of Riley contacting members of the “Inner Circle” for a trial period of four months, August through December, 1960. Notes on the problems of telepathic communication and of managing BSRA, plus an introduction with a helpful explanation of the tell-

tale characteristics of messages from the different planes. BSRA No 2-H

THE SPACE TRAVEL PROBLEM AND HOW WE'LL SOLVE IT, Through Mastery of Occult Science! — Riley's review of the almost insoluble problem of keeping a man alive, sane and well in deep space, as revealed in the press, given to the San Francisco Interplanetary Club, Sept 25, 1964. Insoluble that is, unless the Astronaut becomes an Adept in the power of *mind over matter* — in the honorable pagan tradition of the Kahuna, the Shaman, the Yogin, the witch-doctor. BSRF No 2-I

FLYING SAUCERS UNCENSORED — Riley analyzes in detail the UFO landings at Edwards AFB, California in 1954, and the Air Force's subsequent launching of an anti-gravity research program which now promises a breakthrough by 1970! There is a large section, illustrated, on occult chemistry and vortexian physics, on which technical and mental control of gravity can be established. This includes a review of Dr. Puharich's famous chapter 11 on PSI plasma from his "Beyond Telepathy" book. New and old UFO sightings are illustrated and analyzed. Lao Tse of the Inner Circle tells us why UFOs are here and M.K. Jessup tells of his after-death trip to Venus in 1959 and present work for peace. BSRF No 2-J

SPACECRAFT FROM BEYOND THE SUN — Continuing his deep probing of the constant presence of the Visitors, for the 10th Annual Northern California Spacecraft Convention in Berkeley, October 1966, Mr. Crabb said the Flying Saucers were here to make an examination for the record of the last days of this Piscean Age civilization. So are the Visitors here to oversee the birth of a new Aquarian Age civilization? This talk is a review of prophetic material about this critical period, 1966 through 2000 A.D. It includes a review of the Coming of the Masters, from Alice Bailey's "Treatise on Cosmic Fire", a trip to Sirius, the central sun of our super-solar system, and the coming of a new sun into our Solar System as told to Dino Kraspedon in 1952. BSRF No 2-K

PSYCHIC SURGERY IN THE PHILIPPINES AND PAGAN HEALING IN HAWAII — Hundreds of people have gone to the Philippines for psychic surgery, bringing back colored movies to back up fantastic operations by spirit doctors through mediums Terte and Agpaoa. BSR Associate Dr. Nelson Decker trained under Tony Agpaoa and was initiated with the Healing Power. Only an occult scientist can intelligently analyze this borderland phenomenon and give some explanation of the Invisible Forces

at work. This talk contains Dr. Decker's experiences in Manila and Dr. Crabb's own personal contacts with Bible Kahuna healers in Hawaii. For those who cannot afford a trip abroad, the talk also includes detailed descriptions of BSR Foundation test equipment which has helped some Associates to help themselves to health with an active borderland research program. BSRF No 2-L

THREE GREAT AQUARIAN AGE HEALERS — In his second talk on Psychic Surgery Dr. Crabb examines the outstanding work of Dr. Wm. Lang, who died in 1938. The good doctor now carries

on his practice through medium George Chapman at Aylesbury clinic north of London. Here Dr. Lang explains just how a spirit doctor works. In the second section Dr. Crabb analyzes New Age Color Therapy developed by Drs. Pancoast and White, explaining Cabalistic principles on which color therapy is established: Balance and Rhythm! Book has pix of the doctors and technical drawings for the construction of a simple, duorhythm color projector suggested and used by Dr. White in the 1920s. BSRF No 2-M

WHO FLYS THE SAUCERS? — Are they super-beings? Are they robots? Are they Humanoids? Or all three? Even the skeptical Saucer researchers are now taking a closer look at the life-forms manning the elusive UFOs. They are re-reading the contactee stories for clues as to the identity and purpose of the Visitors or the Invaders. The answers are what they have always been since before 1947. Both Good Guys and Bad Guys are coming here from outer and from inner space. From the extensive files of BSRF, a 25-year accumulation of UFO data, Mr. Crabb marshals the hard evidence for the reality of at least three different kinds of Visitors. This includes first-hand accounts of contacts with Tin-Can and Jelly-Bag robots, the Three men in Black, with the advanced Guard-

ian Viknors from Venus Etheria, and the Ashtar Command with its Guide Lines for Space Contact. BSRA No 2-N

MEETING ON THE MOON — Riley brings the UFO picture up-to-date in 1969 with Clips, Quotes and Comments. This is a combination of two Saucer talks given to the San Francisco Interplanetary Club, Nov 1968 and April 1969. It includes such subjects as the Madrid, Spain sighting of Sept. 1968, John Keel on the Men In Black, an American Flying Saucer, the Oklahoma Burn Case, Deros and Thought Control machines, the Cavern World — Earth and Moon, Ashtar's view of Armageddon, Russians on the Moon in 1968? Radio signals from the Moon in 1938!, the Mars Stronghold on the Moon in 1959 and attempts to contact it, and Ashtar's Creed of the Unorganized. BSRA No 2-O



The Yada D'Shiite, a 500,000 year old entity who spoke through medium Mark Probert as a member of the "Inner Circle". Riley considered the Inner Circle to be the "powerhouse" behind BSRF, and would sometimes take their word over empirical evidence.

FLYING SAUCERS AT EDWARDS AIR FORCE BASE, 1954 — A compilation of all BSRF documents about the secret landing of UFOs at the Air Force Base, Muroc Dry Lake, California high desert. Includes a reproduction of Gerald Light's original letter to Meade Layne on the UFO landing, received April 16, 1954, Layne's Special Bulletin of April 16, 1954, and the lengthy interview about the Muroc-Edwards landing with Ramon Natalli and the Yada through Mark Probert the following day, April 17, 1954. The general import of their conversation was that the world faced almost certain destruction by total atomic warfare at that time UNLESS our leaders were shocked into full awareness of their suicidal course. A show of presence, and force, by Guardian spaceships apparently was the method chosen. It is quite likely that similar landings, and warnings, were made at secret military bases in China and Russia at the same time. BSRA No 2-F

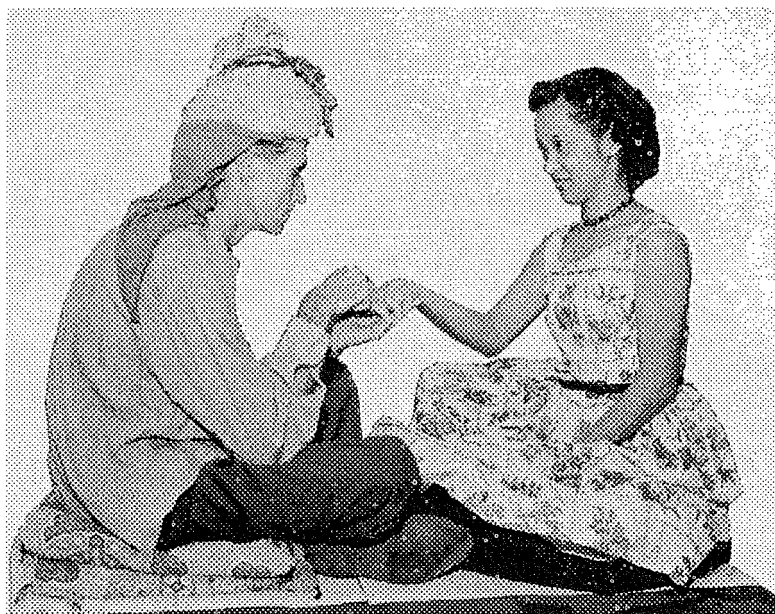
FLYING SAUCERS & HARMONY WITH NATURE — Planetary, Solar, Zodiacal, Galactic. This was Riley's last Flying Saucer publication out of BSRF HQ in Vista, California. It covered Riley's overview of decades of UFO research and included info on the following: The Brookings Institution 1960 Report; The Guardians from Venus; Mysterious Anti-Matter Explosions; Why Don't They Land on the White House Lawn?; Unfortunate Planet of the Fifth Orbit; Challenge of the Flying Saucers; Bolivian UFO Crash of May 6, 1978; Tunguska Meteorite of 1908; Electric Vampirism, 1965; Pictorial Evidence; Implosion; ET Mission to Earth; Men-In-Black; and more! A stimulating overview and quintessence of Riley's 25 years at the BSRF helm.

COLOR, A BRIDGE TO THE NEW AGE by Riley Crabb and Eldon Nichols. Color is a function of Space, and this is the Space Age. Color is Art. Color is therapy. As Art this brochure describes our theories and practice of painting-with-light: moving abstract color patterns on a flat screen, with color-music note charts and the colors on the Cabalistic Tree of Life. Includes section by Eldon Nichols who spent 30 years relating colors to the parts of the body, and charting those which are most effective in re-balancing unbalanced or unhealthy conditions. With master list of known diseases and conditions, in alphabetical order, numerically keyed to charts of colors, incense and perfume, and appropriate music or white sound. BSRA No 16

COLORAHMA or Painting With Light! — Riley built his first

moving-color projector and gave a color-music concert in 1961, long before the term Light Show became popular. He found the secret of success in color concert work is equipment which produces an unpredictable series of slowly moving patterns to hold the rapt attention of the audience. In this brochure he gave some of the basic principles for color projection, for art and for therapy, as he learned them and applied them in dozens of concerts across the country as a part of his lecture work. He also gave detailed drawings of a simple, one-light, one color-wheel, three lens projector called the Colorahma. This is the simplest projector which will produce an endless variety of combinations of pattern and color. Included is a simple electronic circuit for activating the spotlight with music. BSRA No 31

THE PSYCHEDELIC EXPERIENCE — With accounts of personal experiences by Riley Hansard Crabb (Mescaline), Larry and Kathleen Chatterton (LSD25), and Bernard Copley (Peyote), and with a summary of years of research by Dr. John W. Aiken, Socorro Clinic. Crabb found that to take the drug is self-surgery with the mind, opening up the user's interior world to his astonished gaze. BSRA No 21



Riley the Soothsayer, circa late 1940's in Hawaii with unknown victim.

INNOCENT III, HIS LAST YEARS — Riley's first serious attempt in the use of ESP was the writing of this biographical sketch of the last years of a great Pope of the early Middle Ages — *after* his supposed death in 1216 A.D. It's an adventure story starting with the Pope's kidnapping in the gardens of the Vatican, the stormy voyage across the Atlantic and is self-imposed seclusion in a pagan temple on a Yucatan hilltop to the end

of his days. Is it true? Who knows? During later experimental ESP writing Riley was "told" that Abraham Lincoln was a reincarnation of Innocent III! BSRA No 22

THE OTHER MEANING OF CHRISTMAS — For the serious student of the Mysteries of the Western Tradition, an explanation of symbols and symbology in the Gospel story. Subheads: The Christmas Initiation, the physiological Awakening, the Higher Trinity, the Three Signs of the First Great Initiation, the Winter Solstice, the Two Christmas Archetypes, the Womb of the Earth, the Queen of the Angels, the Sun Behind the Sun, the Tree of Life, Tarot Trump No. 19 and a Christmas Ritual. Everyone who is trying to regenerate himself under the stimulus of Aquarian Age influences is living the Gospel story whether he realizes it or not! As Geoffrey Hodson says: "We all have nativity, conversion,

baptism, of sorrow, transfiguration or upliftment, betrayals and crucifixions." And this five-fold cosmic cycle is repeated over and over again as we move through incarnation here on the surface of the earth. This is preparation for the five Great Initiations which wind up our human evolution. BSRA No 27

THE HEART TO HEART TRANSPLANT (And How To Do It Etherically) — Point of departure here by Mr. Crabb is the gruesome but profitable business in vital organ transplants. Readers will be surprised to learn that doctors themselves don't agree on when a person is dead; for if a heart is to be transplanted it must still be alive; so is murder committed when the still-beating heart is removed? But then he goes on into the much larger problem of health and disease in general and how life is sustained in the physical body by the vitality body or Etheric Double. Of especial interest to the student of the Mysteries are the levels of Etheric matter: Earth-Moon, Solar and Cosmic, and how these relate to the person through his glands and through the energy vortices in the Etheric Double. If the circulation of these etheric energies is maintained through proper breathing and positive thinking there will be no need for organ transplants. The vital organs will remain healthy. A new system of color treatment is featured in this talk. It was offered by Sir Arthur Conan Doyle through medium Grace Cook in 1932. It is based on the 12 signs of the Zodiac and their relation to the vortices and glands in the body. A simple device for bringing in the 12 colors — called a Rainbow Toner — and centering them on any part of the body is sketched and explained. BSRA No 28

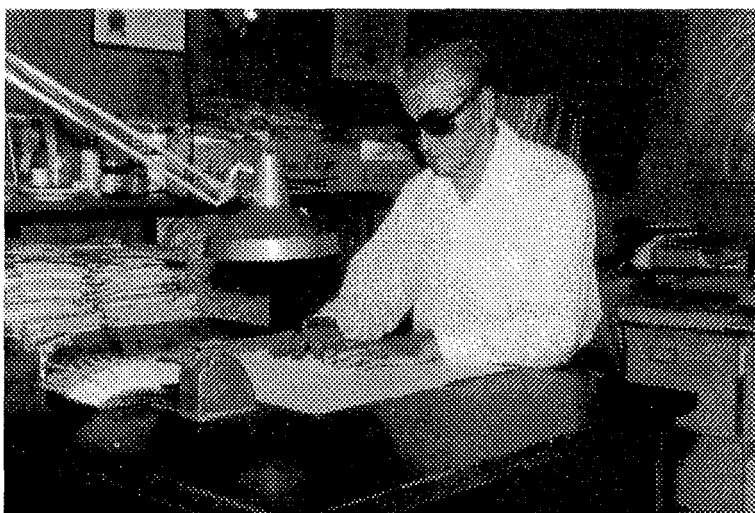
THE LETTERS OF A LIVING DEAD MAN — This is Riley's radio drama adaptation of the (1915) Letters from the other side of the Veil by Judge David Patterson Hatch, a Theosophist who died in Los Angeles in 1912 and soon afterward contacted his self-chosen medium, Elsa Barker in Paris. BSRA No 23

FRANCIS BACON, 1597 — A book on the hidden side of the life of England's great Lord Chancellor is a romantic look at three harried days in 1597, July 26, 27 & 28. All London Playhouses were closed down by order of the Queen. A warrant was issued for the apprehension and arrest of the writer of the treasonous Plays put forth under the name of Will Shakes-peare. Actor Will was home sick at Stratford, ready to flee to safety across the Channel until the heat was off. Francis Bacon, the real author of the plays, tried to commit suicide at Gorhambury to escape arrest

and torture. But there was the beauteous Lady Hatton to save him from his folly and to give him loving consolation. BSRA No 25

KABALISTIC STUDIES by Riley and Judy Crabb:

THE INVISIBLE REALITY BEHIND APPEARANCES, Part I — The first three of a series of lessons in Occult Science, developed by Americans for Americans living within the Western Mystery Tradition! Each lesson has three subsections: 1. Theory, 2. Practice of Workshop, 3. Discussion. The book is indexed and there are many drawings and illustrations to help the imagination. The material was developed and streamlined in actual class work in Florida and California. There are drills in concentration, relaxation, rhythmic breathing and visualization — all necessary conditions for controlled ESP or the expansion of consciousness beyond the physical. The Ground Plan is the Kabala and the Tree of Life of the Western Mystery Tradition BSRA No 24-A



Riley at his desk in Vista, California, viewing his aura with the aid of "Aura Goggles" and a fluorescent lamp, exercises given in Trevor Constable's *Cosmic Pulse of Life*.

THE INVISIBLE REALITY BEHIND APPEARANCES, Part II — Lessons Four, Five and Six with talks on "The Three Great Occult Traditions", showing how our tradition came from Atlantis, through Egypt; "The Four Planes of the Universe", and "The Creation of the Universe". Continuing to give the sincere student a comprehensive system of self-development, designed to put him or her in touch with their own Higher Self or Master, and within That the All Present Creator. We continue the daily "five-finger exercises" of the mind by which you raise your per-

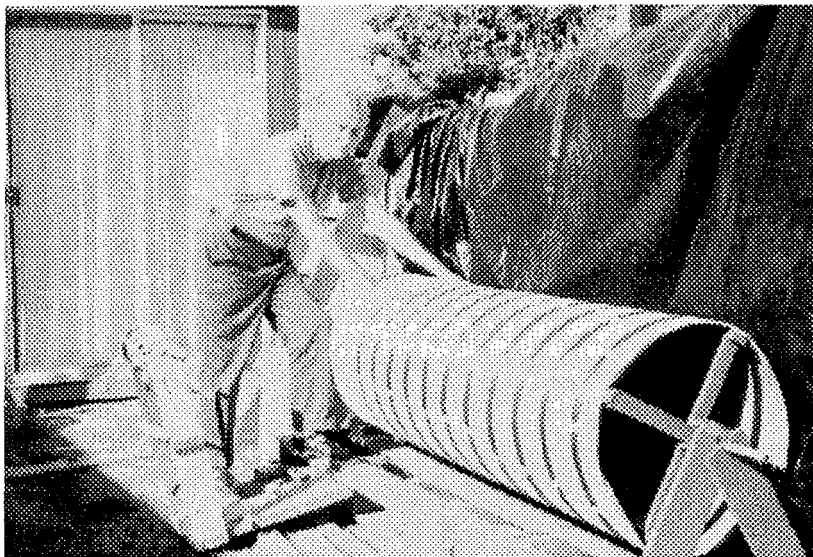
sonality to concert pitch, establishing your own disciplines, working at your own pace. Remember, controlled ESP is a fine art, worthy of your highest efforts. BSRA No 24-B

YOU LIVE IN FOUR WORLDS — Lesson Seven in the Invisible Reality Series on the Kabala. Section I deals with your four-fold nature: Spiritual, Mental, Emotional or Astral, and Etheric-Physical. These divide into 7 sub-levels and are clearly charted. There is a 20 page discussion of how these "worlds" register in your consciousness, including musical representation of them. Section II contains a Ritual of Abundance, the 2nd Pentacle of Jupiter, plentifully illustrated with "how to do" drawings of the Kabalistic Cross and the Lesser Banishing Ritual of the Pentagram — so powerful for purification and protection! These simple rituals prepare you for more advanced work. Section III gives you the characteristics of the Four Worlds when contacted. This knowledge is invaluable to the student whose consciousness is opening up to other levels of awareness, and the ability to distinguish

between the false and the true is sorely needed. BSRA No 24-C

THE FOUR WAYS TO FREEDOM — The Way of the Faqueer. Lesson Eight in our Kabalistic series on the Invisible Reality Behind Appearances. This is adapted from one of Ouspensky's studies with Gurdjieff in St. Petersburg in 1916. We relate the Four Ways to the Four Worlds covered in Lesson Seven. These "ways" are the Way of the Faqueer (physical), the Way of the Monk or Nun (emotional), the Way of the Yogin or Kabalist (mental), and the Way of the Adept (spiritual). All are described in this lesson, but the emphasis is on the Faqueer and the subduing of the physical body through control of mana, prana and ectoplasm. This lesson is well illustrated with the four Tarot trumps picturing the Four Ways. BSRF No. 24-V

THE WAY OF THE NUN — The Life of St. Theresa of Avila. Lesson Nine of the Invisible Reality Series is an illustrated review of the life of this great Mystic, with emphasis again on the four levels of consciousness. Theresa called these the Four Waters of Prayer. There are dramatic illustrations of these Four Worlds from her own trances, visions and ecstasies. This Second Way of the Four is one of the shortest of all because of the terrible self-sacrificing martyrdom of the Mystic. When reviewed from our vantage point of Hermetic Wisdom, Theresa's autobiography is one of the most illuminating books on occult science in the Western Mystery Tradition. BSRF No 24-E



Here is Riley winding the coils around "Daisy the Tube", an interesting radionic-type device which was described in the March-April and May-June 1974 issues of *The Journal of Borderland Research*. Riley was a persistent builder of numerous "borderland gadgets" as he termed them.

THE MASS or the CELEBRATION OF THE EUCHARIST — Lesson Ten of the Invisible Reality Series is an illustrated review of the essential parts of Charles W. Leadbeater's masterful work on "The Science of the Sacraments". The Mass is the most commonly performed magical ritual in the Western world. Every student of the Mysteries should be familiar with it as it is central to the Kabalistic Tree of Life! The Mass is an invocation of the God force of Tiphareth, the Sun-center on the Middle Pillar. This talk includes illustrations of the Etheric structure built on the Inner Planes by the Angels of the Eucharist as the Mass progresses. There is an occult explanation of the "miracle" of transubstantiation. BSRF No 24-F

THE WAY OF THE MONK — Lesson Eleven reveals there is the lower Way of the cloistered devotee with his robe, his mortifica-

tions of the flesh, his unquestioning obedience to his superiors, his selfless service; and there is the higher Way of the advanced Mystic who has freed himself from all, or nearly all, physical limitations. He is ready to graduate from the Human Kingdom. We have chosen Krishnamurti as one of the best contemporary examples of the Second Way, using his own illuminating dialog with journalist Rom Landau at Carmel, California to reveal his innermost thoughts and feelings on this Path or Way to Freedom. 41 pages. BSRF No 24-G

TULKUS, A TIBETAN INITIATION: The Way of the Yogin or Cabalist— Lesson Twelve reveals the technique of Self-Conscious Reincarnation practiced by the Tibetan Lamas. It was by this advanced Yoga practice that the Lamas kept control of their power and wealth through a series of incarnations. Tulku was perversion of the doctrine of the construction of the Solar Body or Body of Light, the only way to get out of the world alive! This advanced

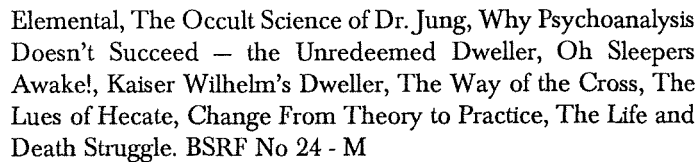
work was taught under highly secret conditions in the Western Schools as well, as there are veiled references to it in Gnostic teachings, for instance; so, Lesson Twelve is one of our most fascinating and readable lessons, delving as it does into some of the most secret practices of that land of mystery, Tibet. Heavily illustrated with drawings and pictures. BSRF No 24-H

THE WAY OF THE YOGIN or KABALIST — The Yoga of One-pointedness is described and illustrated in Lesson Thirteen, drawing from Evans-Wentz's studies in "Tibetan Yoga and Secret

Doctrines", and from Behanan's "Yoga, A Scientific Evaluation". We review briefly the development of Indian Philosophy and Yoga from the earliest Vedic hymns to the Upanishads and Patanjali. Credit is given to Kapilya, one of the greatest of pre-Buddhist Hindu reformers, whose teachings are still preserved in the Samkya school. The 12 different Yoga schools are listed. Emphasis is on the Yoga of One-Pointedness as developed by Tibetan Buddhism, the Middle Path or Middle Way (which we Westerners show as the Middle Pillar on our Tree of Life), avoiding the extremes of asceticism on the one hand and worldliness of the other, as spelled-out in Dion Fortune's "Esoteric Philosophy of Love and Marriage!" BSRA No 24-I

THE FOURTH WAY, or Way of the Adept — Lesson Fourteen is largely a review of the lives of the Hungarian adept, Francis Rakoczi. This Regent of the West seems to have had more to do

PSYCHIC SELF-DEFENSE, Part III, "The Dweller on the Threshold" — Lesson Seventeen: Victims of Bio-Feedback Courses, The Dweller of Abraham Lincoln, Dracula Meets Wolfman, High Priestess of Thebes Immortal In Evil, Hitler An Eunuch From Birth, Wild Eyes Gleaming In the Night, How To Make a Servant or Mistress With Mind Power, A Trap for the Unwary, The Dweller Takes Over Quickly, How To Create an Artificial



PERSONALIZING THE WORLD CRYSTAL GRID. This actually came out of Vista around 1984, with the word “Power” substituted for “Crystal”, but it contained a fair bit of currently copyrighted materials so we discontinued it. Riley had no qualms about reprinting others’s works as he always gave the source and felt that he was promoting them.

FLYING SAUCERS FROM DECAYING SUNS IN THE LIGHT OF THEOSOPHY. Riley spent his last years trying to get Theosophists to become aware of what the Flying Saucers portend for our planet.

THE CURVILINEAR PHILOSOPHY OF BRUCE CATHIE. Riley was quite fascinated with the mathematical work of Bruce Cathie and this was his understanding of it.

DEATH DEFYING COMPUTER INTELLIGENCES. This was an interesting paper about how computer hackers may transfer their consciousness into computers. Riley felt that Invaders from space had already filtered into some of the major computer systems.

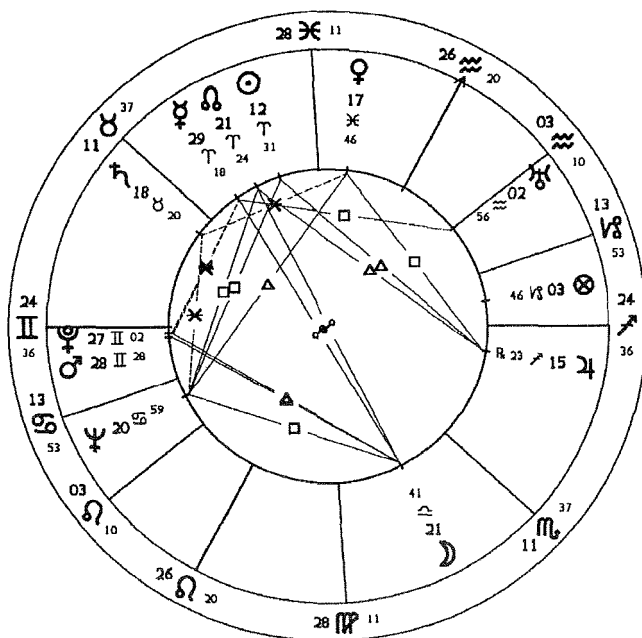
THE DRAGON IN THE SEARCH FOR WISDOM. Written with his wife Phyllis, Riley believed that advanced reptile beings have been on the earth for thousands of years, being the source of legends of dragons. This is the record of Riley and Phyllis's attempts at psychic contact with such beings.

THE SUNLIGHT PATH TO ARCTURUS, Encouraged by Madam Blavatsky and the Bible. How to be a Chrono-naught or Time Traveler. Interesting universal connections.

RILEY WAS RESPONSIBLE for making an incredible amount of information available through the following compilations of other's research materials, some of which have been expanded upon and re-issued. Concepts that are well known today owe much of their continued existence to Riley, such as BioCircuits or Eeman Screens as they were more commonly known as (BSRA

No 26 — EEMAN SCREENS: THE BALANCING CIRCUITS included in the current publication: **The L.E. Eeman Papers**); VITIC — Carbon and Magnetic Vitality; the first English language references on vortex research *a la* Viktor Schauberger (BSRF No 2-Q: IMPLOSION INSTEAD OF EXPLOSION, now greatly expanded in **Implosion—The Vision of Viktor Schauberger**); Multiple Wave Oscillators aka MWOs (BSRA No 29 - THE LAKHOVSKY MULTI-WAVE OSCILLATOR, now extensively revised as **The Lakhovsky MWO Handbook**); The Five Rites of Rejuvenation (Riley began printing the exercises from Peter Kelder's **Eye of Revelation** in 1963 and tied them in with his Kabalistic lessons. He later published the book as BSRA No. 30 - THE FIVE RITES OF REJUVENATION, which we have re-issued under its original name. We have released a video titled **The Five Rites of Rejuvenation**)

RILEY ALSO ISSUED a number of Radionic book reprints, thus preserving the record of this amazing science: RADIONICS NEW AGE SCIENCE OF HEALING (now expanded in **Radionics — New Age Science**, we took off the "healing" part of the title, as healing is illegal in today's degenerate political climate, and also in consideration that there is far more to healing than a curiously ordered collection of electronic parts.); A number of books by and about Albert Abrams, Ruth Drown, the Radioclast, Pathoclast, Pathometric Journals and others all still available through BSRF's regular catalog. Few people recognize the tremendous importance of Riley's contribution to preserving radionic history. In fact I think that anyone reading over this vast bibliography will agree that Riley Hansard Crabb's contribution to the advancement of human endeavor in general is one of great importance. We're glad he dropped in on our planet for a while!



Astrological Profile of
Riley Hansard Crabb
April 2, 1912, 9:25 AM
Minneapolis, Minnesota

Riley's bold and adventurous spirit, stubborn at times and highly independent, well expresses the focus of his Sun in Aries. With Gemini rising Mercury is the ruling planetary energy bringing the ability for researching, writing, communicating the vast amount of info that poured constantly through B.S.R.F. Mercury in Aries brought the enthusiasm and wit Riley was known for, and his success as a writer and speaker. The occult influence so strong in his life, the driving need to dig beyond accepted beliefs and appearances can be found in the powerful conjunction of Pluto and Mars rising in Gemini, his twelfth house Saturn, and also the metaphysical influence of Uranus inspiring advanced views and inventive ideas in the fields of electricity and subtle energies. Including Neptune's sensitivity and attraction to music and spiritualism, weird philosophy and romanticism, Riley was certainly a unique character and with the benevolent rays of Jupiter, a happy traveler through his long eventful life. (by Alison Davidson)

Trying to fathom secrets of Orewa's round rocks

reprinted from the Rodney, New Zealand "Times", May 26, 1987



People passing through Orewa at 11 am on Friday may have wondered who the gentleman was taping electrodes onto round boulders outside Orewa Pharmacy.

It was Dr Riley Crabb, Orewa's resident scientist/theosophist, a man always willing to try anything in the pursuit of knowledge.

The experiment with the round rocks, or concretions to use their geological term, aimed to discover whether the strangely shaped boulders held any electrical charge.

Dr. Crabb was director of Borderland Sciences Research Foundation in California before coming to New Zealand.

Borderland is well-known for its work investigating all manner of interesting phenomena, from flying saucers to occultism.

Dr Crabb is now a member of the Orewa Theosophical Society.

Scientists believe concretions are formed naturally by deposits of calc spar gathering around a core, the beginning of the formation of such balls dating back to the upper cretaceous era, 135 million years ago.

Some, called geodes, are real oddities with hollow centres, wholly or partially filled with minerals or crystalline deposits. They are sought after by geologists and people who cut them in half and polish them into trinkets.

One such geode found in 1961 proved too much for a diamond saw which broke when the owner tried to halve the stone. It turned out to be solid, not hollow, and

geologists who dissected it found inside an unknown stone with an iridescent surface that had been formed by intense heat.

In its core was a shining metal rod 2mm in diameter and 17mm long.

Dr Crabb wasn't about to start sawing into Orewa's concretions but 'just for fun' he decided to test for electrical charge.

His micro-ampmetre revealed they had the same polarity and were both magnetic, but the instrument proved too sensitive to give accurate readings of any charge passing between them, as nearby traffic disrupted the needle.

Dr Crabb had been hoping to measure some sort of pulsing effect but this did not eventuate.

He said tests would have to be made

over several months to reach any conclusion, including tests at night when traffic was scarce.

He hoped to get a sensitive stethoscope instrument to see if there were any noises emanating from the stones.

Dr Crabb believes the stones are man-made and date back to the Lemurian era when Australasia was one huge continent.

He thinks they could have been made by the same people who made the giant Easter Island sculptures which have baffled scientists.

He said when he got some better equipment he might do tests on the concretions at the Orewa Trust and Hilltop.



FLYING SAUCERS AND AMERICA'S DESTINY

by Riley Hansard Crabb

from the September-October 1959 Round Robin of Borderland Research

This article is the opening portion of the talk given by Riley Crabb at the Saucer Convention in Los Angeles at the Statler-Hilton Hotel, Sunday morning, July 12, 1959.

Does America have a prominent place in the future destiny of this planet? I believe it does. Time and again when you delve into the literature having to do with today's crisis in world affairs you find references to the leadership planned for America after the cataclysm is over.

It is my purpose in this talk to make use of various sources, old and new, in referring to the cataclysmic activity which is presently upon us; and to emphasize as much as possible the positive aspects of the change. I believe all of you here are searching for truth, for answers to some of these great problems; you want some assurance

that it is possible to survive and thus to share in the building of the New Age. I do.

I am sure many of you are familiar with the work of Meade Layne and the Borderland Sciences Research Associates. I have been a member since 1951 and recently Mr. Layne asked me to take over and carry on the work which he started in 1946. A large part of that work has been the dissemination of information received through the mediumship of Mark Probert, of San Diego.

The controlling group of individuals who use his body for communicating with us here in the three-dimensional world call

themselves the Inner Circle. To get this show on the road I'd like to quote from one of the seances of the earlier days. It was held in San Diego on March 3, 1949. A Control who identifies himself as Kay Ting, of Tibetan origin, is speaking:

"There will come a time when your civilization will be as greatly advanced as the East in the study of life — what you call metaphysics. Man is ever striving to find his way home, home to oneness with the Father. When that time comes for you Americans, you will then have the most advanced state of civilization on all the earth. In all past history of man never has there been a time

such as there will be when this comes to your country. Why? Because you are so far advanced in your material science, which was something that was very much neglected in my time on earth.

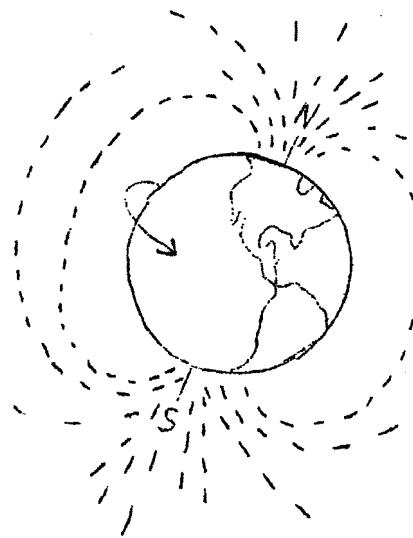
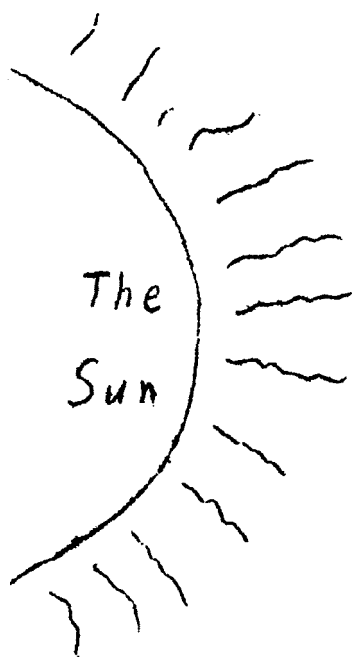
"That is why they went down, India and China — Almost all of the East, they neglected the material, concerning themselves only with the spiritual and mental. That is so always: if man neglects the physical he loses the mental. It is impossible to take care of either one alone. Man is a holy trinity of physical, mental and spiritual. . ."

It is true that we have overemphasized the material here in the West but that was and is necessary. As Kay Ting put it, it is better that you understand the world you are in, in all of its parts; then you can go ahead with the spiritual."

One of the important studies of the planet we are in — or on, is the earth itself, its cycles, its rhythms. Some of the planetary rhythms are comparatively short and easily observed: night and day and the four seasons, spring, summer, fall and winter. The longer ones, however are more difficult to observe: the emergence and submergence of land masses, glacial periods, the shifting of

the poles; these seem to be governed by cycles or waves of energy which are thousands of years from peak to peak. One civilization may come and pass away entirely on the rising swell of a cosmic wave. Its inhabitants, under this mighty, subjective and positive influence, may thus create a culture whose beauty is the envy of mankind. Another civilization, born after the crest is passed, and spending its entire life of a thousand years on the downward slope, may create nothing but misery for itself and all around it! In each case only the disinterested observer standing outside the civilization would be aware of the difference, and its cause.

There may be indications that we are in the midst of a change-over from a negative to a positive period in the long, long history



of this planet. You can find them in science, in astrology, in philosophy, and in religion.

In speaking of this mighty change it might be well to keep in mind the difference between cataclysm and catastrophe. Cataclysm is Nature at work. The breaking up of ice in the northern rivers in the spring is a good example of this. Who could or would stop that from taking place? It becomes catastrophe, however, when an ice jam threatens a man-made bridge, and destroys it. One or two may be hurt; a few are inconvenienced; for the rest of us it's just an item in the daily paper.

Cataclysm is always going on, sometime, somewhere on the face of the globe as the earth goes on about its daily business. Catastrophe, too, is always with us as some human beings get caught up in these things. The only advice I can give is to keep yourself so in tune with nature, with the mighty Consciousness which lies behind all manifested life, that you are always in the right place at the right time.

As the space Visitor, Des'ka, told Doris LeVesque a couple of years ago: "Catastrophe can be avoided by Christ-like thinking, and will be averted for those who think Christ-like."

One form of cataclysm which has aroused considerable scientific interest of late is the so-called Polar Flip. More correctly this should be labeled "the movement of the earth's crust into and out of the polar regions."

Space Visitors have told their contactees that they were here to observe a crisis of planetary significance. A shifting of new lands into the North and South Polar regions would indeed assume celestial importance. The Antarctic continent would find itself in a temperate climate, and a new equatorial bulge might bring new lands to the surface in the Atlantic and Pacific.

This subject is discussed in a book issued last year by professors Charles E. Hapgood and James H. Campbell. The title of the book is *The Earth's Shifting Crust*. In it they review at length the various theories put forth by science to explain the so-called glacial periods. In it they propound their own theory that a glacial period on any continent indicates the time when that continent was in one or the other of the Polar zones!

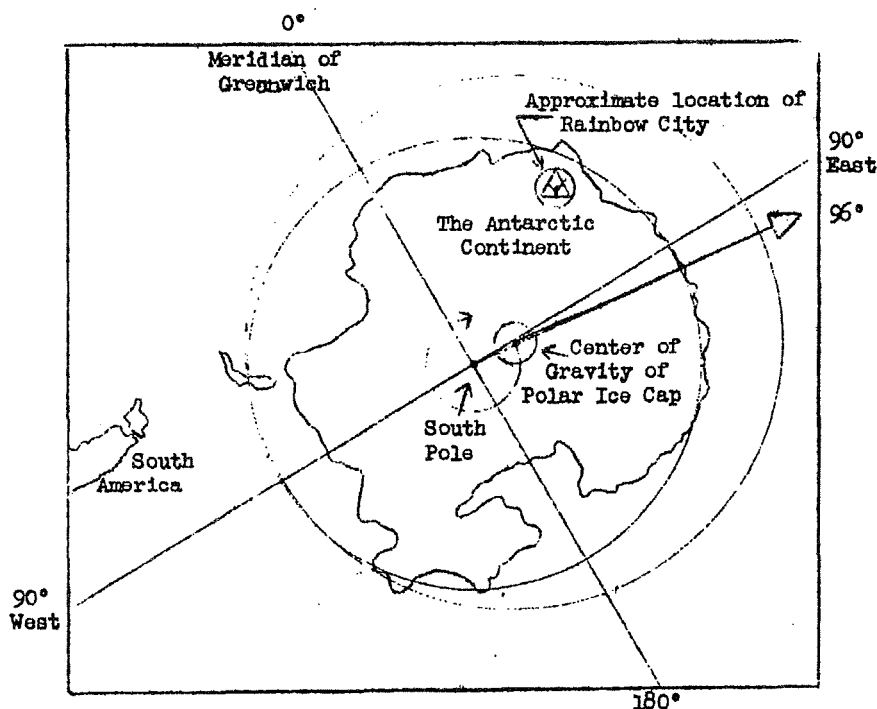
Every continent shows evidence of having been encased in ice at some time or other. Yet entrenched doctrine maintains that the poles have always been in their present location. This in spite

of the fact that fossil remains of domesticated animals have been found on Siberian islands in the Arctic ocean — among the bones of mastodons and other prehistoric monsters. Also in these regions can be found the remains of tropical plants!

The growing accumulation of evidence of this kind, against entrenched doctrine, has kept the polar shift controversy alive. In school years ago you and I learned that the poles have been in the same locations for millions of years. This accounted for the gradual accumulation of ice on the Antarctic continent and on Greenland. Researches of Navy scientists at the South Pole in 1957 revealed that the South Polar ice cap is of comparatively recent growth. Through radiocarbon and other testing of the age of the ice it was found that the 10,000 foot plateau at the pole is only about 10,000 years old!

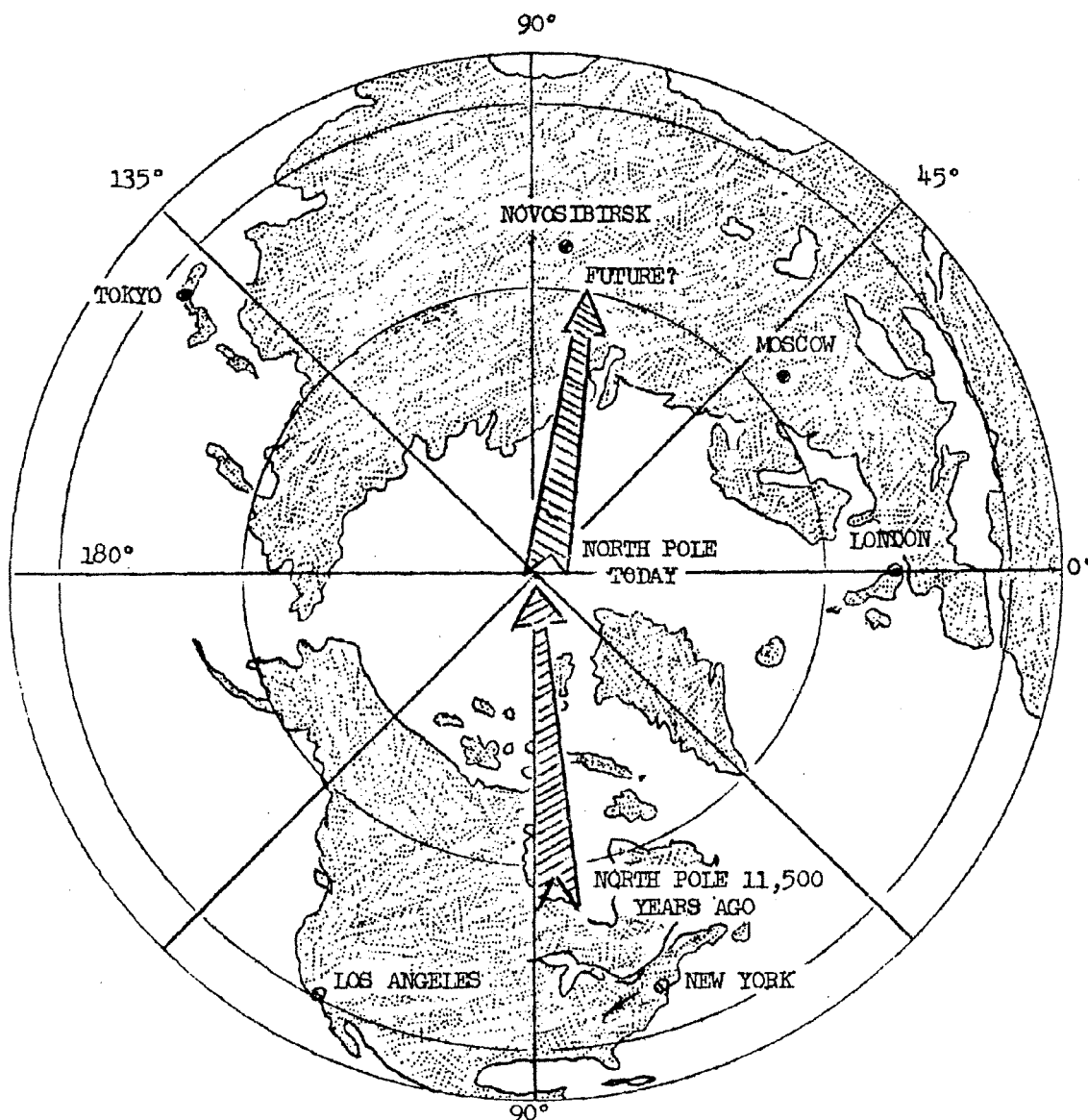
Now, geologists are pretty well agreed that it was about that long ago, 10,000 years, that the North American glacier melted away. Comparing these two facts, Hapgood and Campbell came to the conclusion that the shifting of the earth's crust was the cause of these simultaneous events. The North American continent moved away from the North Polar zone; the Antarctic continent moved into the South Polar zone at the same time.

Hapgood says that the simplest and most obvious theory for explaining any ice



age is that the area concerned was at one or the other of the poles during the period of glaciation. Previous to the last polar shift the North Pole was in the Hudson Bay region. A glance at the world map shows that the land mass lay to the southward of the pole. Thus the off-center thrust of the weight of ice was southward. When the billions of tons of ice finally overbalanced the centrifugal force of the earth's spin, it pulled or tipped the earth's crust southward, on our Western side of the world, over two thousand miles, setting up new locations of the North and South Poles where they now are.

To simplify our understanding of this problem we'll have to assume arbitrarily that the angular relationship of the earth's axis to the sun will remain unchanged during the shift we are discussing here. The axis of rotation is represented by the North and South Poles in our drawing. The direction of rotation at present is shown by the curved arrow coming around over the Pacific. The magnetic field or vortex is shown by the dotted lines.



Here is a map of the probable Polar movement in the past, timed with Plato's dating of the sinking of the last remnant of Atlantis in 9,564 B.C. and the previous location of the Pole in the Hudson Bay area. Future movement of the Pole, shown by the second arrow, is the possibility suggested by Hapgood and Campbell's conclusions as outlined in the article.

The shifting of the earth's crust occurs within this invisible cage. I believe the polarity of the earth's magnetic field may be reversed at the time of a flip. In fact this may be the invisible, cosmic trigger which sets off the physical movement! How this may be accomplished will be discussed later. But I believe the axis and the magnetic field maintain their tilt, 22° away from parallel to the sun. This latter condition maintains the seasonal rhythms so necessary to the evolution of the second and third kingdoms, vegetable and animal.

Since the North Polar area at the present time is ice-covered ocean, the responsibility for the next polar movement is on the vast pile of ice at the South Pole. A glance at the copy of Hapgood's diagram shows "what an enormous sideways heave results from the eccentricity of the geographical center of the ice cap." The center of the ice cap is 12° off the center of rotation. The direction of the thrust is along 96° East Longitude, as indicated by the arrow. When and IF the break does come it will pull the southern part of South America into the South Polar Region. At the other end of the earth, Siberia will move into the North Polar region and

America will move further southward into the tropics. If the move is anything like the one which occurred some eleven thousand years ago, it will put Southern California within 5° of the equator!

AFTERWORD

I continue to use the phrase "Polar Movement" when actually it is the earth's crust which moves into and out of the polar regions. Of course it is probable and quite possible that the angle of tilt of the earth's axis in relation to the sun has changed and will change again.

I believe George Van Tassel has hinted at this in "Proceedings" in discussing the New Age, saying that there will be no seasons. If so this might mean both a shifting of the earth's crust and a change of the axis of rotation. When and IF this will happen is anybody's guess. I have yet to find any two prophets who agree on when the cataclysm will occur. This question was put to the Yada di Shi'ite during his talk through Mark Probert at the Convention Saturday night, July 11th. The Yada's answer was, "There will be no Polar Flip!"

MY PSYCHEDELIC EXPERIENCE

Riley Hansard Crabb



Riley Hansard Crabb
early 1960s

It began, and ended, in the home of Dr. John Aiken, head of the Aiken Clinic in Socorro, New Mexico. Mrs. Judy Crabb and I were on the last leg of a 7000 mile, transcontinental lecture trip. This brought us to Socorro on Sunday afternoon, May 12, 1963. Dr. Aiken and his wife are osteopaths. She specializes in the delivery of babies. Both became interested in the "delivery" of an expansion of consciousness as a research project several years ago and began a series of controlled experiments with the hallucinogens, peyote, mescaline and LSD25.

While arranging with Dr. Aiken to address his borderland research group there, by mail before starting our eastern trip, he suggested that I have a psychedelic experience while in Socorro; so Judy and I allowed an extra day, Monday, May 13th, for this borderland experiment. The idea of taking part in such a project, under the observation of experienced, competent, professional people appealed to both of us.

The Aikens came to Socorro 15 years ago. It had 3500 people then and no other doctors. That meant that the Aiken Clinic handled everything known to general practice, including the stretcher cases off Hiway 85 that runs from Albuquerque to Las Cruces and El Paso. In those 15 years Dr. Louise estimates she has delivered over 1500 babies!

Socorro population has doubled in that time. Other doctors have moved in to help carry the load. Now, with their children grown and gone, the Aikens have the time and the inclination to turn to the philosophical ramifications of the healing arts. Their rambling, southwestern Spanish style home is built for comfort. It reflects a wide range of interests with book-lined walls, an extensive collection of classical and folk music—played on a hi-fi built and installed by Dr. John—and a game room.

The guest rooms are ideally situated for this kind of research. They are separated from the rest of the house by what used to be an outside wall, thick and soundproof, and with their own bath.

They may have the need of more quarters than these as the publication of this and other articles continues to stir interest in the potential of the hallucinogenic drugs. Here's a quote from Dr. John's newsletter of May 30th:

"Since the publication of my article, '*Can Drugs Lead You To God?*' in the May FATE MAGAZINE, we have had letters and even phone calls, from many parts of the U.S., from people wanting to know more about the experience. Many of them overlooked my statement that the chemical was only one factor, and probably not the most important one, in developing 'mystical insight' or true religious experience. The 'spiritual ripeness' of the subject (whether acquired in this lifetime or in preceding one), is extremely important, as is also the setting in which the material is taken. Surroundings should be quiet and peaceful, and only those present with whom the subject is in good rapport. But if all these factors are favorable, then the psychedelic experience can be a tremendous opportunity for the opening of new 'doors of perception'."

Without prior experience I had no way of knowing how tremendous the opportunity was. There is no doubt in my mind that the half a gram of mescaline Dr. Aiken gave me at 7 A.M. on the Morning of May 13th did open the doors of perception. The setting in the Aiken house was certainly "quiet and peaceful". The only person present, outside of Dr. John's occasional visits, was my wife. Fortunately, between us there is "good rapport". If there hadn't been a time-proven working relationship based on mutual respect, love and understanding the following notes wouldn't have been taken. Dr. John set up his excellent Uher tape recorder by my pad, the bed, so I could record my comments for posterity from time to time but this was too much to cope with until well after noon!

Judy "suffered" with me through the xis or seven hours of maximum reaction to this "self surgery". Through her rapport with me she enjoyed the heights and the depths of the experience almost as much as I did, without being captive to the mescaline. By way of preparation Dr. Aiken had me read through some of the experience reports prepared by previous of his subjects. None of them compared in length and detail with that which follows here. I can only conjecture that the years of study and practise of Kabalistic ritual paid off. The chanting and the visualizing of the colors and the Sephiroth, the force centers gave a ready-made channel to the chemical agent for maximum results.

For clarity suppose we put Judy's notes and my later taped comment in quotes, to differentiate from my description of the physical sequence of events and observation and analysis from this vantage point two months later.

My stomach was empty, having had no solid food since supper the night before. Doc said it wasn't likely that I would have been able to keep breakfast down anyway; besides, food in the stomach would only slow down or interfere with the action of the mescaline. By 7:15 A.M., I was beginning to feel light-headed and it was a welcome idea to go back to bed, my "pad". Clothes of any kind seemed utterly superfluous but to avoid any possible embarrassment to myself or others we decided that I should keep on a pair of shorts. Let's continue with Judy's notes, which were written when I circled back to physical reality and felt objective

enough to say something intelligible.

"This drug opens up the solar plexus center first, then it goes down to the sex center at the base of the spine.

"There is a feeling of release normally suppressed, held in by civilization. This is a wonderfully sensuous and free-flowing way of getting behind a person's self-control. It triggers off the repressed creative forces, like an endlessly changing yet ever-flowing orgasm."

At this time such expressive words as urinate, masturbate, defecate, expectorate, fornicate were running through my mind. So real and total seemed this release that I looked down in wonder to see if I had wet the bed. But I was quiet on the water front, it was only an illusion. How drab the physical world had become. I dropped my head back and thankfully drifted off into that wonderful interior reality—until the next surfacing.

"These energies have to be held down, have to be controlled. Wow, what a wild orgy there would be if they were not!

"The physical seems phantasy now; this is the only real world; but the two worlds coincide when I am brought back to physical reality.

"M-m-m-m-m-m-m, the desire of wanting to let everything go, the civilized man giving way to his passions, of slipping behind the facade of manners, of sending and feeling this reality. Yet this is only a small part of life!"

The short paragraphing indicates breaks for the long-periods of interior awareness. As all who have experienced this say, words can't describe the wonderful and terrifying sensations. Judy didn't jot down the times along the way and I couldn't have cared less. Dr. John stopped in periodically from his office, to take my pulse and make sure everything was proceeding normally. It was.

"I wonder when the touching of the higher centers will come, the Divine ecstasies?

"By depriving myself of breakfast, the ravenous desire for food turns in upon itself and forms a series of patterns—the elemental passion within one's self. The desire to consume is there. I can see it as a vague stream of energy turning and twisting on itself. Like all other desires, this is only a part of life, not completely satisfying in itself.

"If I don't bother to say anything of what is going on inside — — — The drug only intensifies what we call daydreams; so there is really nothing new, only intensified perception by a chemical agent, triggering off these forces in the body.

"So this is what I've been doing to people with those Color-Music-Perfume concerts when playing Sibelius' 'Swan of Tuonela', getting the audience to release, to let go.

"This keen awareness is only of one level of consciousness. There must be others, deeper levels not explored. I want to experience more in other levels. There is a need for union with that One from which we come."

I did experience one or two waves of nausea and giddiness. Somewhere along here—Judy was out of the bedroom at the time—there was an overpowering desire to throw up; so I got up and headed for the bathroom. Even as I leaned over the stool my common sense told me there was nothing to throw up! This, too, was an illusion. Gratefully, I wandered back to my pad for another seance with my interior life.

"Now I have actually seen and felt the elementals as they really are in me. Endlessly writhing, seething forces welling up from within. My whole being reacts to this released energy. The metaphor of the writhing serpents, the serpent fire, the kundalini, is perfect. That's just what they look like.

"What is this force tormenting us and who is the forcer? We have to face their reality. They are there, demanding control. Demanding to be channeled, to be used. We should feel them fully by breaking free from the restraints of civilization once in a while.

"These elementals the organized priesthoods play with. God help the poor mortal who cannot stay above his passions. He is carried away, down the stream of force, released and used by Temple or Church.

"This release of creative force, of energy within me, leads me to question my basic beliefs. Who has the answers?

"What can I do but live from day to day the best that I know? This answer comes when I am shaken to the very depths.

"Oh-h-h-h-h-h-h! the sweet agony of this. This is what the black magician summons forth from himself, and from others. God bless their damn souls!

"This thing of at-onement with life—some chemical veil is still bothering—if I go through the veil what will I find?

"This thing the drug can do: It keeps seeking, probing until the last shred is gone. Oh-h-h-h-h-h-h-h, these threads of illusion—I just want to experience it—so excuse me for awhile."

Dr. Aiken came in again for one of his watchful visits. This time he brought a rose, fresh from the garden, and laid it beside my pillow. The natural beauty, color and fragrance of the rose had served as a stimulus for some of his subjects, he said. To me at that moment it seemed a grossly material reminder of the physical world, pulling me away from much more marvelous, interior visions beyond description.

"Experience of the Cosmic Orgasm: What is going on in the other levels of consciousness? There was a deeper reaching. Finally there was a release, all that could be asked of the physical organism—too much to ask—finally reached the veil of my present capacity.

"There was the ecstasy of taking everything apart and the experience and wonder of putting it back together again. The priests of the left-hand path have missed this higher ecstasy, the thing which drives us all toward union with the Divine—which the Saints welcome and achieve in their work—and the Black Magicians *never* find—always running away. To them the sacral center is all, but it is only a part.

"This is the immortality which some people have at their death bed, a survey of all life. If spirituality is experienced then, the seed will bear fruit in the future.

"Oh the terrible hold of this drug. I can see it with my circuits closed. I can *feel* this serpent fire within. Is this what I have to

control? To cope with in myself? Before I can hope to cope with it in other people? I have been trying blindly all this time. Now I am awake.

"Oh, the power in the earth!!! Yet people think *this* is all. I can't get over it!! What is this quality which holds us here?—dealing now with levels of consciousness the words for which escape me—I'm lost in feeling. I can see the reason for having someone by you in these sessions, to feel protected, and to know the reality of the earth.

"Such a vast, vast universe! To touch this reality and feel that this is enough. This is what the Church tries to build to when the priests and nuns are consecrated, a feeling of oneness with Christ, the Divine wedding.

"I'm not ready for the high at-onement."

It would seem here that by this time the mescaline had spread to both lower and higher centers, to Malkuth at the feet for the earth contact, and to Tiphareth at the heart for the first glimpse of the Christ light.

"Oh-h-h-h-h-h-h! the sweet agony of this. This is what the black magician summons forth from himself, and from others. God bless their damn souls!"

Somewhere along here Judy and I had a visit from Dr. Louise Aiken. Proud grandma showed up briefly in the bedroom door with a babe in arms, her own, months-old granddaughter. Then the forces took over again to swing me out into the invisible.

"Now come the elemental forces again.

"What is reality? Sure you come to the present moment. This is the only reality I have. Make the most of it. Regardless of what is done by who or where, make

the most of this moment because this is all you have, the precious *little* you have.

"This is an experience I wouldn't deny to anyone, but don't ask me to do it again. I'm not only thinking of what I have just experienced—it seemed like eternity—words don't suffice. Only life suffices itself.

"I feel creative energy seething within me. Oh, the power that is here just crying for expression, life, more life—and *more life!*

"This is what happens to great leaders when this power touches them. No wonder they become drunk with it, become addicted to it, and constantly return to this illusion of reality; and this is all they have, these elemental passions."

Dr. Aiken dropped in again. This time he had with him some "Gita" of Eastern philosophy and read a sentence or two, indicating that the author had experienced this One Reality, even as I was experiencing it. But it was pulling me from the direct experience of the Inner Glory and I waved him away.

"To really feel this hypnotic force, this Pentecostal fire, is fantastic. It is the illusion. I can feel it coming toward a climax—whether physical or at some other level of consciousness. I realize that this force is being expressed physically by leaders. I am going through their experience psychically.

"All creation comes to a point, temporarily crystallized to a point, then it explodes at tangents and new figures, new roads are

built.

"Oh-h-h-h-h, these geometric figures in harmony, endlessly going out in building, in climax and releasing—where do you start and finish on this merry-go-round of life? Each race, clan, tribe is a measure of reality for each individual in it. All is done for one cycle. Then another is started.

"Is there a purpose to creation? We must act as though there is. We have to, or else what other reality do we have?

"To achieve a certain goal. It needs a temporary specialization to hold this creative fire in a progressive mood. This is creation at this moment, trying to capture the Infinite beauty until I can crystallize it, then return to neutral for another try. Sex is only a part of this. This is the sustained 'orgasm' which the artist wants to hold in order to paint, to model, to compose music, to write.

"These bursts of energy which go through my body, make me tremble. My old mental atmosphere is gone in this reality of coming to grips with life. The job is to control these different forces released from the creative centers. The bursts of energy are tremendous! No wonder that people who release these forces without knowledge of control are shattered! This is Vulcan, the gigantic force in the center of the earth's vortex."

I still have vague mental images of these gigantic, black, angular forms both fiery and electrical, set off with lurid red flames and flashes of light. I had become increasingly aware of body odor during the morning. Perhaps it was only my heightened sensitivity; maybe there was an accelerated release of interior poisons through the skin; perhaps it was both. Anyhow, there was a compelling urge to take a shower and I made my way trembling to the bathroom again and succeeded in sluicing away the morning accretions. Having been dissociated from physical routine, each step in the old, semiautomatic routine had to be carefully thought through as to necessity and sequence, from disrobing to drying off. The lack of physical sensation was noteworthy. Then back to the pad for another bout with eternity!

"So this is what had to be done to Riley to shake him out of himself.

"Here I am, creeping across an ocean of energy, turning keys along the way. One key made my physical body a definite reality. The physical is a rhythmic base which has been arbitrarily deposited by someone. Who did it and why? The answer lies aeons in the future.

"This yearning for something greater than ourselves, seeing it blessed with union with all life, with each moment of creation — all creation present. This is looking at life from the inside out!

"Today's creation is twisted through our own creative centers, but still this is the best I can do at present.

"This self-surgery cuts deeply into one's own creative fire. This is the *regenerative* fire I have now evoked. Caught in this wave or vortex I have to hold it, not let go of it.

"This is what the artist strives for. Yet this sense is only illusion — somewhere behind it is the real cause. Eternity is cornered by an individual; next comes balance; then it progresses. One must become unbalanced to move, to do work for a time, until he watches his creation rise, take form along the way, not crystallized, just changing fancies all along the way. Divine energy is captured or confined into form only when needed.

"Life cannot be confined. It bursts through in all directions as

you give it. The *all-spring* of power! What miracles could be accomplished if life could be directed properly. But this poor old body can't take it all. To bring back beauty to share with others is most important. Life giving of itself, so simply, yet so profound. Imagine the vision of exaltation in crying for the beauty of eternity, the overwhelming unity of the One Light."

LUNCHTIME

There certainly is a feeling of satisfaction within me, two months later, in seeing that the above notes ended in such a burst of inspiration, almost poetry; and I'm thankful Judy succeeded in catching these heartfelt phrases from a truly profound experience.

Five hours had gone by, Dr. Louise was on the other side of the house preparing lunch. I thought I was hungry — at least the old-time habitual desire for food was there. Dr. Aiken had warned me that mescaline takes about six hours to hit its peak, and was rather surprised that I was already showing an interest in food; so I dressed and moved confidently into the physical world again.

Water tasted good. I sat at the dinette table, surprised that food didn't appear instantly before, and impatient. While waiting I was introduced to the beautiful daughter and the even more beautiful, tiny granddaughter. After what seemed an eternity of waiting Dr. Louise put my plate before me. It certainly looked good, fried chicken, mashed potatoes and gravy, vegetable and salad. I took one mouthful of mashed potatoes, and then became interested in my hand, opening and closing it. When Dr. John saw this he was relieved. My apparent desire for solid food only five hours after taking mescaline wasn't normal. At least it didn't follow the usual pattern of his previous subjects; so when I excused myself from the table and headed back to my pad, leaving a full plate behind, I was following the established behavior pattern after all.

Judy stayed to have lunch. She *was* hungry after the morning's secretarial work. Dr. John followed me to the bedroom to see if I was ready to record my reactions and observations of the experience. This time he managed to get me to get the tape recorder operating under my control; then he returned to his lunch.

THE PEAK OF THE PSYCHEDELIC EXPERIENCE

"Yes, this is certainly a tremendous experience to have," I said into the hand-held microphone. "There is no question about it. In talking about this I'm well aware of the fact that this area has been thoroughly explored by many others, but always there is the joy of exploration for one's self, of experiencing this expansion of awareness directly. Perhaps now I've only touched on the fringe of reality.

"This is certainly well worth going through and I'm looking forward to what may lie ahead in the rest of the day, before this drug, this trick of getting behind the veil wears off; so let's play it out to the end, whatever that might be."

By this, I suppose the probing fingers of the mescaline had finally reached the highest centers in the head, the pituitary and pineal glands; for I fell to toying with the idea of contact with beings from other levels of consciousness. This was the first time it had occurred to me in that eternity of hours. The room did seem brighter with more than physical light as I lay there musing on this

inward-outward consciousness so different from the morning's inner visions. There were footsteps in the hall. Suppose the next person who walked through that door were an Adept or a Master?

The bedroom door opened. Judy walked in, followed by Dr. John. He wanted at last look-see at his subject before returning to the clinic. I picked up the microphone and switched the button with my thumb.

"Time to evaluate my position again, from the last time we made a report, whenever that was." For the first time that day I reached for my wrist watch lying on the night-table beside me. Dr. John looked at a small clock there and noted that it was almost one P.M.

"My wristwatch says 12:57 or three minutes to one in the afternoon. I guess this is still May 13th, at Socorro, New Mexico in the home of Dr. John Aiken and his charming wife." I looked at Dr. John.

"I suppose I am really an artist, though I claim to be a philosopher and emphasize the intellectual, which is natural in our culture, our civilization."

"But you have the other aspect too," he suggested.

"Yes," I replied, "and this awareness of the creative drive, the great regenerative principle of Nature, ever-present and around us all the time. There was this feeling this morning of tuning in on the creative urge of various outstanding individuals, a composer like Beethoven, an artist. . ."

"You get the feeling that *you are* that creative force," said Dr. Aiken, "That is your real identity."

"Yes, but the thing that was of most interest to me was being in this creative ecstasy, this fire of creation going on within the genius-type during the time he catches a glimpse of That, and tries to put it down, to crystallize it into a great painting, a symphony or a poem. I also came to realize that the constant reaching for this state of ecstasy could turn a person toward drug addiction. The artist wants to restimulate the creative fire when it doesn't rise spontaneously; so he can live continuously at that high peak."

"A good example of that would be De Quincey (**Confessions of an Opium Eater**)" said Dr. Aiken, "or the French poet, Beaudelaire, who has described his experiences."

"I can see why."

"But there is no addiction to mescaline as an experience," Dr. Aiken reminded me.

"No, certainly not in my case," I agreed, "but the artist's desire to reach out for and stay at the wellspring of creation all the time could cause him to want to turn to anything which would bring this feeling back. But this cannot be sustained, of course, the human organism can't take it. And it is just as well. The needs of the body keep bringing us back to this reality."

"The body is a balancer."

"But, oh-h-h-h-h-h-h-h to have gone there," I sighed deeply as a wave of the flameless ecstasy swept over me again. "This is priceless. This is priceless."

"Most of those who have tried this shake their heads and say 'This really an experience'," said Dr. Aiken. "That's the most they can say about it."

"You'll never take a counterfeit for this!" I exclaimed.

"You can't describe it," he went on. "You know, the researchers, they set up placebos. In the hallucinogens there is no

such thing as a placebo. . ."

"When you're dealing with the reality of life!" I interjected.

"... so they settled on taking a small dose of LSD or some of these other things, and compared it with a larger dose. This gave them some figures they could put down on paper. But these experiences can't be put on paper! Researchers want figures; they want forms filled out and all that sort of thing."

And Dr. Aiken was so right. So little of this can be put on paper; yet it must be done for the sake of those who follow after and are grateful for any clue as to how such an expansion of consciousness can be accomplished. He told me of the comment of one psychiatrist after experiencing a hallucinogen himself: "One session of this is equivalent to 500 hours of processing!" This reaction of a professional is reason enough for the drive of the authorities to prevent the widespread availability of the hallucinogens — loss of business! I have read that LSD25 is causing a revolution in psychiatry in Europe. It's a rare person indeed who can go through this experience and remain an atheist!

Judy settled down in the chair by the desk. Dr. John returned to his office, and I continued the chore of reducing the Inner-Outer Glory to objective reality, the journalist at work,

"How many times have I said this today already. This is a regeneration, a rebirth. I've tricked myself into it with a drug, mescaline. But then, in our sophisticated way of looking at things, why not? This could be the last and the longest and the greatest jag — civilization's jag — turning to a drug to catch a glimpse of the fire of life, of the eternal verities, *and doing it*. All we can say or recommend is that each must experience it for himself.

"Each must go down to the very depths of his being and renew the contact, conscious contact, with the source — with the very heart of being, this flameless ecstasy which burns continuously and yet is not consumed.

"It is beyond belief, beyond description, but there it is. Each must reach out and try for it in his own way, and continually renew it. There is no *end* to it. It is continuously burning within me now. A continuous orgasm? How can that be? Yet that is all there is to say about it.

"The source of all-life, the source of all being. I have plucked at the coverlet of life, pulled it back for a few moments, to look at this mighty panorama of existence. How little I can grasp of this great immensity. Mm-m-m-m-m-m-m-m, boy! What a tremendously powerful, primitive thing it is! Primeval! Primordial! First beginnings! I talk about First beginnings and yet I'm reaching forward! Because this is a continuous process. As I said earlier today, one can only pick a specific spot, a point on this revolving thing called life and say, this is where I begin. Or, on the other hand, one could choose this point and say, this is where I am getting off. I have had it!

"But if I *have* had it, if the old Riley said that, this is a rebirth, a renewal of the same consecration which started with the beginning of this life — and the life before that — of consciousness in any world. I could drift with this great sea of life, floating along, going into these periods of ecstasy — these illusions of ecstasy, of bliss, these temporary things; but I always come back to this, today's job.

At this point of time, In this place, I have chosen to manifest me, all that I know of life:

"I concentrate at *this* point
And whence is it directed?
Then comes the realization
That there was direction
Long before this decision was made!

Carried along in the great tide,
This ceaseless flow of divine energy,
I knew my goal before I started.
So why do I go?
For the fun of the game,
For the pleasure of the game.

That's what the Black Master told Judge Hatch
There on the Lower Astral,
Above the mud-filled trenches
Of World War One,
Fifty years of our earth time ago.
'I play for the pleasure of the game.'

Myself a creator, then,
Directing these energies with my will,
Or with my desire,
Above, below, to left or to right,
All mine.

Within the rules of the game set up
By whoever created this playing field.
I have accepted those rules
So I play along with them.

By agreement then,
Millions and millions of units of consciousness
Have created this earth and all that on it is,
And these rhythms.
This is *our* reality.
If we don't like it
Tear it down and build all over again!

Or to put it more intelligently,
Re-organize it so it does a better job
Of whatever it is supposed to do;
This prime purpose, started by someone,
Way back, a long, long time ago.

He hasn't lost sight of *His* goal;
I want to keep sight of mine.
I just want to make sure mine is headed
In the same general direction
As the Guy who started it all.

"Even the labor of moving my thumb enough to shut off this tape recorder is almost too much for me at this time. Shifting back and forth across the borderland between the two worlds — though I prefer to say that this reality of Riley Crabb in Socorro, New Mexico on May 13, 1963 of the Christian calendar is the reality that Riley Crabb prefers and that I prefer. So, we'll just go on living

out the dream we've created; this concept we brought through with us from the limitless creation.

"There is purpose. There is drive, There is direction to life, as I've *said* and *written* before. Now, for this brief touch with a greater reality, I *know* it more surely. I'll be able to take life more philosophically than I did in the earlier part of this trip, all of which brought me to this point in time and space, this meeting with myself — the greater self — the Self which Riley had only heard about or read about in books — but now have experienced, thank God!

"I have experienced as much as I could, to the limit of my capacity at this time and place, this hour, this day, this year, on this planet, in this solar system, this .. (on the tape are only gasps and tortured breathing as I was overwhelmed by a wave of fiery power too vast for me to cope with. I couldn't even say the words 'Zodiac' and 'Galaxy' as I had intended. Gradually recovering composure, I went on.) This great 'I' toward which we grow, we'll make it yet. Yes, we'll make it back to that Eternal Glory which once we knew, and left, voluntarily so long ago.

"Sounds so hackneyed but it has to be said. This restatement and definition of one's purpose, one's reason for existence. We start right from where we are. Now that I've been given this glimpse of other worlds beside the ever-present, three-dimensional reality of this one — it certainly throws a new light on everything. Some of it is pleasant, some unpleasant. Having succeeded in taking the universe apart this morning, I've now succeeded in putting it together again this afternoon. Isn't that strange? And it's going on in the same old way. The universe hasn't changed; I have; and I'm glad of it."

Somewhere along here, during one of the breaks, I mentioned to Judy the possibility of contacting the Master during this heightened state of consciousness. Anything seemed possible. She was visibly startled and didn't know whether to agree on such a try or not. We both fell silent. In my bemused state the room became brighter. Every detail shown with an unearthly clarity, and a vibrant silence. To her the walls of the room fell away in rolling clouds of mist. Between us the mist began to concentrate and glow with the vague outline of a form. The pressure was too much for me.

"I can't take it, Judy," I said aloud. "I'm not ready for it."

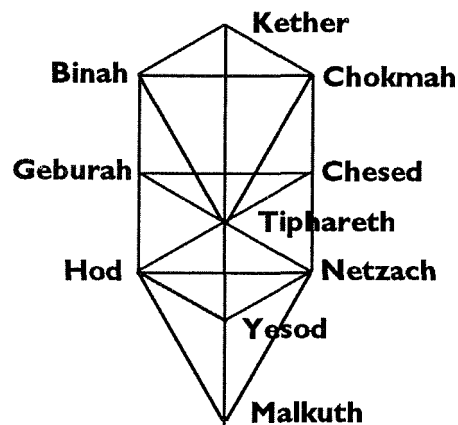
The "bride's reception" was not for me that day but at least I got to the door of the church. In comparing notes afterward, Judy was not sure she was ready for the Master either; though she had been fascinated by the suggestion of a figure there in the room. Now for the final item on the tape.

"Guess I'm ready to talk some more, about this regenerating fire released by mescaline. It flames up through the entire personality. It is so obvious to me, as I experience this, that it can be directed. It can be sent in any direction, depending on the bias of the personality. Some of this bias was planted before I was born, from previous lives I suppose. Other tendencies I inherited from my parents. Behind all that I am conscious of the greater purpose of the race. I sense this as irresistible. Could this be the will of the Solar Logos? Hmpf. Then I am aware that behind Him is the greater consciousness of the Zodiac. Then finally there is the Milky Way Galaxy itself.

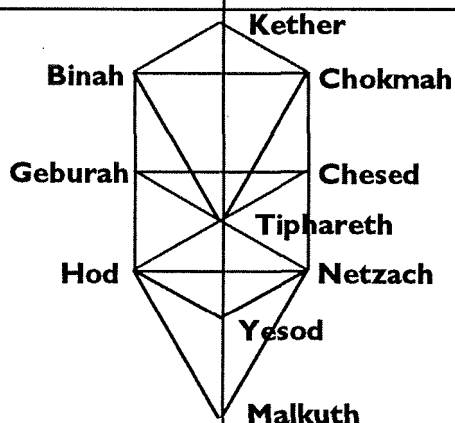
"The mind becomes bewildered at the array of these cosmic

The TREE of LIFE in the FOUR WORLDS of the KABALA

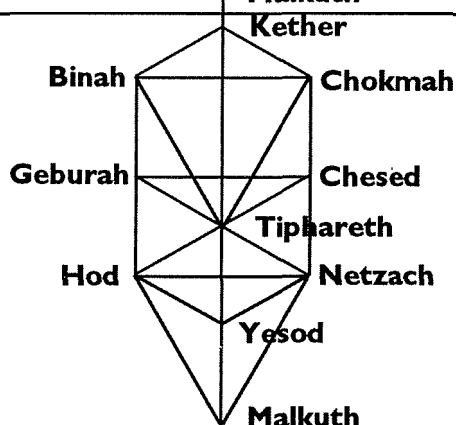
The Tree of Life in ATZILUTH
The Archetypal World
Spirit
In Ezekiel's Vision:
"The Appearance of a Man"



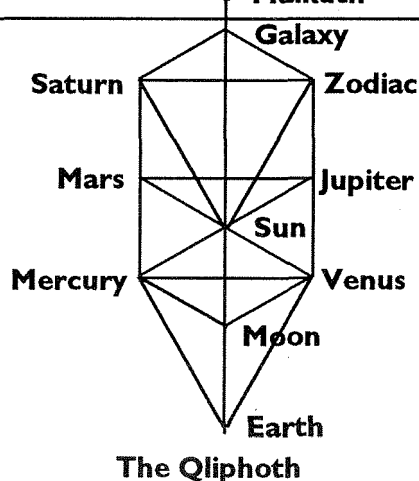
The Tree of Life in BRIAH
The Creative World
Mind
In Ezekiel's Vision:
"The Throne"



The Tree of Life in YETZIRAH
The Formative World
Emotions
In Ezekiel's Vision:
"The Firmament"



The Tree of Life in ASSIAH
The Material World
Body
In Ezekiel's Vision:
"The Living Creatures"



(after Plate IX in L. MacGregor Mathers' "The Kabbalah Unveiled")

forces all at one's beck and call, to be concentrated in this one little tic-toc of eternity. I have chosen to express as much of these cosmic consciousnesses as I can encompass within my limited grasp. Along with all other mortals I raise my hands to heaven and say, 'I dare to do this!'

"This must be done, not for my sake - - - - but for the sake of those who also want to express creatively, and don't know how."



With the dedication made and the climax over I made ready to return to normalcy, right then; but it wasn't to be for hours yet. Doc had warned me that it took 12 hours of earth time for the drug to get entirely out of the system and he was right. There was a great hunger for nature and natural things. I dressed and Judy and I went out into the patio backyard and flung ourselves on the grass under the tree. The warm earth felt good, the warm sun even better. Laying lazily there and drinking in the beauty of all living things around me, the sunlight made rainbows of color through the shaking leaves. Here was the heightened physical perception which had been the marvel of other subjects. I tried playing the piano, and listening to some of Doc's classical records, but the earthly sounds and harmonies seemed crude representations of the "music of the spheres" in the psychedelic session.

Dr. John was anxious to have Judy and me listen to an excellent tape of temple bells, gongs and chanting of Zen Buddhist monks on the spot in Japan. To me this seemed a needless return to conditions I had already experienced that morning, but for the sake of comparison we were curious to hear it. My hunch was correct. The rhythmic chanting did stir the lower centers, but to a lesser degree, just as I had felt it before. There are many different ways of stimulating the power centers in the body. The hallucinogenic drug is only one.

My physical coordination returned to normal quickly enough after the experience. The most noteworthy after-affect was the lack of desire for food. I could swallow only a few mouthfuls that evening and at breakfast the next morning, the 14th. It wasn't until a full 36 hours after taking mescaline that I could face a full plate of supper and enjoy it. Has there been any desire since then to repeat the experience? None whatever. Certainly not through *chemical* means. I am most grateful to the Aikens for extending the hospitality of their home and to Dr. John for this opportunity to indulge in a little psychic surgery. I know now that the priesthoods of all lands have at times resorted to some chemical means to speed up the long-sought religious experience, and to many a neophyte like myself this is welcome reassurance that he is headed in the right direction. The Veil can be pierced!

How high or how far did I actually go into the Inner Planes? Not very far, not even out of the lowest of the Four Worlds of the Kabalist. In reviewing my psychedelic experience afterward, Mrs. Crabb and I are of the opinion that I opened up only in the World of Assiah — see the chart on the opposite page. At the most, I went as far as the Sun or Christ Sephirah, Tiphareth, in Assiah, and stopped short of the Abyss between Tiphareth and Kether on the Central Pillar.

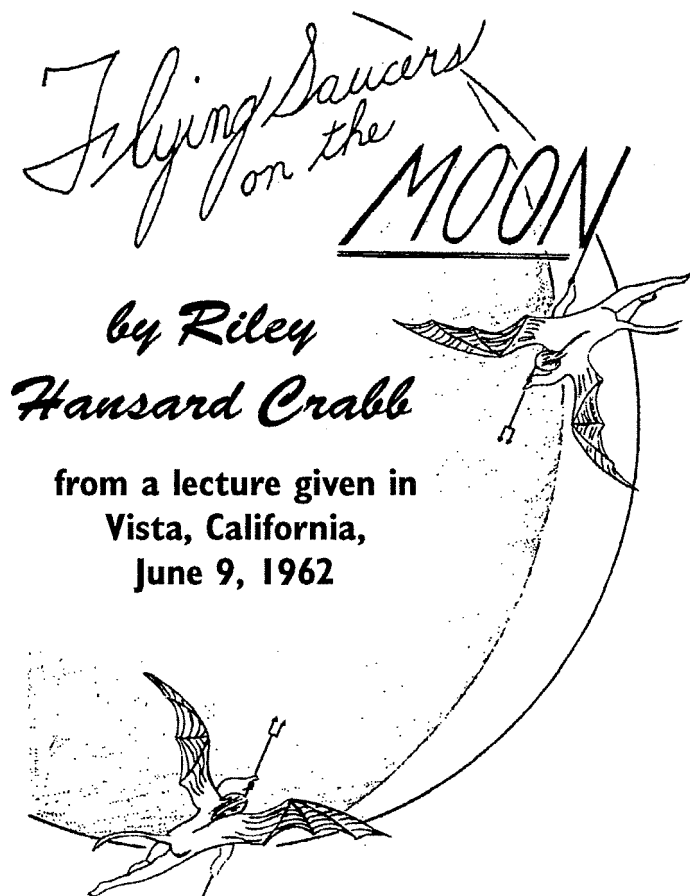
An Associate has recently loaned us a copy of W.E. Butler's latest book, "**Apprenticed to Magic**", Aquarian Press, London, 1962. In the chapter on "*Bringing Through the Power*", Butler reminds the student at the end: "During many years of work and study along these lines, I have seen many who, either through ignorance or presumption, attempted to call down the cosmic life in an uncontrolled manner, and I have seen something of the trouble, and in some cases the disaster, which followed upon such ill-advised efforts.

"I want you to study very carefully the whole of this instruction on the control and circulation of cosmic energy. *Remember always, that you are working at this stage in Yesod of Malkuth, in the World of Assiah.* You are drawing in that primal power through the rainbow aura of the etheric aspect of this physical world. This should prevent you from assuming that you are far advanced. The sensations of power and the clarity of perception which result from contact with the inflowing life-power tend to make you feel that you are greater than

There is purpose. There is drive, There is direction to life, as I've said and written before. Now, for this brief touch with a greater reality, I know it more surely. I'll be able to take life more philosophically than I did in the earlier part of this trip, all of which brought me to this point in time and space, this meeting with myself — the greater self — the Self which Riley had only heard about or read about in books. — but now have experienced, thank God!

you really are, and this can breed that pride of the false ego which leads to trouble."

I saw the "rainbow aura of the etheric" and described it briefly to Judy during my experience. It is described even better by Ramon Natalli of Mark Probert's Inner Circle in "**The Ether of Space**", first compiled and published by Meade Layne in 1953. Writing through Mark, Natalli said: "The dream world need not be a world of frustrated desires and inhibitions any more than does the 'outside' world. We must simply realize that we *are* where our Mind is; Mind is *place*, and place is but another word for space. The thinking creates energy in that mind-space. This mental energy is worked into definite geometrical patterns, or designs, which are of themselves neither complicated nor simple. The latter two words are sense words, and belong to the body which is itself a geometrical pattern. The nervous system, then, with the brain acting as the receiving station, takes these lines of force and within its conditionally limited scope as a measuring instrument, creates from them a myriad of forms and shapes that have become known by such familiar names as mineral, plant, fish, fowl and man. This self-same action takes place throughout the entire scheme called consciousness.



The subject of this talk is most timely in view of the fact that our President has committed the resources of this nation to the race to the moon. Our goal is to put a man on the moon by 1970, something less than eight years away now. The name for the moon project is Project Apollo and I am personally acquainted with at least one person working in this project. He is one of our Associates. From what he says, and what has been released in some of the technical journals concerned with space, we may not be able to make it in eight years. Every Apollo Project problem which is solved seems to set up two or three more problems which are insoluble. We'll get into some of those tonight.

It is comforting to know that we have successfully orbited Scott Carpenter, in the second completed flight. You know, the first time you do something like that and it succeeds, it is luck. But if you do it twice in a row and everything works, you're in. You know you've proven your techniques to that point. Nevertheless, the tail end of Carpenter's three-orbit trip indicated very clearly what a dangerous, ticklish business this is, to put someone up in space and to bring him back safely. With the astronaut moving along at 17,000 miles per hour things happen fast. In the reentry alone there is a sequence of events which, if not performed correctly and on the second — one miss in three or four items means the man doesn't come back alive.

The other important thing made clear in Carpenter's trip verifies what we in BSRA already know and have known since 1946. Deep space is not for man in his normal physical body. Space scientists are aware of this and even admit it publicly at times; nevertheless, we are pushing ahead into this 4th dimen-

sional realm of deep space. Thus — and I've said this before — the solving of the space travel problems will be done with what used to be called magic; and the space scientists and astronauts will become magicians.

400 years ago the Reformation separated Science from the Church in Europe because the Church had become too dogmatic. Organized religion was stifling creative thinking. Science had to divorce itself from religion if Western Europe was to progress. In doing so, science disowned all relationship with the invisible, with ceremonial magic and the abracadabra of the seance room. Now, in spite of itself, science has come full circle and is face to face with the science of the occult, with magic. In the long run this will be a good thing for mankind.

Well, we're headed for the moon. Billions of dollars have been appropriated for Project Apollo. The demands of the space race will dominate science and industry for decades to come. *But*, Western Science from its very beginnings, from the founding of the Royal Society in London in the 17th Century, has taken the position that this is the only inhabited planet in the whole universe. Strangely enough this idea is identical with Church dogma, that the earth is the center of the universe and everything else revolves around it.

THE LIFELESS MOON

So the orthodox view under which science is buried today is that the moon is a burnt-out, lifeless cinder in the sky, orbiting about 250,000 away from the earth. One of the major points I want to make tonight is that the moon is inhabited by intelligent beings and has been for a long, long time.

One reason for my belief is that ever since astronomers began developing large telescopes about 200 years ago, they have been seeing lights moving across the surface of the moon! But because of this dogmatic, hardheaded position of the moon being lifeless, and really because no astronomer wants to lose prestige with his fellow astronomers, not a one of them will interpret their sightings this way. I believe the evidence for the moon being occupied is formidable. It is a Flying Saucer base.

We'll present pictorial evidence later. Let's review some of the written material now. This gives evidence that the men on the moon have signalled the earth within the past 75 years. From the writings of Charles Fort we learn that on the night of November 23, 1887 astronomers saw flakes of light moving across the dark part of the moon toward the crater Plato. "A blizzard of lights gathering into light drifts in Plato. Then the denizens of Aristarchus, of Kepler and others from the Lunar Alps, each raising his torch and marching on a triangular path, making the triangle shine in the dark." Other formations, other figures have been seen in the crater Plato; but this formation, according to Fort, had never been seen before there, nor since. And not an astronomer in the Western world would venture the public opinion that this was done by thinking, intelligent beings.

In 1889 a black spot was seen in the crater Copernicus. On May 11th astronomer Gaudibert saw an object as black as ink upon the ramparts of the crater Gassendi. It had never been reported there before and on the next lunation of the moon it wasn't to be seen. Who put it there? What was it? And who took it away? In 1893 a shaft of light was seen shining from the surface

of the moon. Astronomers say sunlight reflecting off a shiny natural surface.

Let us now skip down to modern times for a moment, to 1952 when O'Neill was looking at the moon in New York, an amateur astronomer. He was flabbergasted to see what looked like a gigantic bridge on the edge of Mare Crisium, one of the so-called seas of the moon. According to O'Neill the bridge was at least 12 miles long and it had to be at least a mile and a half wide for him to see it — as a black line. The sun was shining under or through the arch of the bridge. The size of the arch indicated that the bridge was at least a mile high, 5,000 feet above the surface of Mare Crisium. Apparently no one had ever seen this before. If it was erected by a race of beings on the moon they certainly put it up in a hurry. A month later the great British astronomer, the late H.P. Wilkins confirmed O'Neill's sighting. During an interview on British radio Mr. Wilkins was asked about this moon bridge.

"Oh, yes, it's there," he replied. "I estimate that it is 20 miles long and from one to two miles wide."

Wilkins thought it was an artificial structure because, from both ends, it tapered to the middle, just as many of our bridges do.

"And when you say it looks artificial," said the radio man, "what do you mean exactly by that?"

"Well, it looks almost like an engineering job," replied Wilkins.

The announcer was astonished to have a public authority imply an inhabited moon. This material is from page 78 of Keyhoe's **"Flying Saucer Conspiracy"**. The radio interview was relayed to America by one of the news wire services, but the wire service corrected Wilkins' statement to conform with the government's Silence Policy on Saucers. The news story said the great bridge on Mare Crisium was a natural bridge! Are we so immature here in the Americas that such knowledge is too strong for us? Knowledge that the moon is inhabited?

Back about the time the United States of America was becoming a new nation, the end of the 18th Century, much of the startling information about the moon was developed by the astronomers Herschel, a father and son team. In South Africa they built what must have been the largest reflecting telescope in the world, up until that time, the 1890s. Herschel claims he actually saw an animal running across the surface of one of the moon craters. A hundred years later, out of the material of the Herschel sightings, a great, fanciful story of the "inhabited" moon was built up in the New York papers. To the journalist who wrote it the whole story was science fiction but many people believed it. I believe our moon project will prove those old stories true after all.

THE COMMUNICATION ATTEMPT OF 1869

Just four years after the end of our Civil War there was a great eruption of lights on the moon. There were so many lights seen that British astronomers actually organized a moon project, financed by the British Government. This survey of moon lights went on for two years, and in that time the astronomers recorded sightings of 2,000 lights! Many of these sightings were of well known geometrical figures — crosses, rectangles — familiar symbols which could be recognized throughout the solar system. In 1871, after two years of moon research, what was the conclusion,

the summary of findings by the astronomers? No one would draw a conclusion, not in public at least. The British government withdrew its support of the project and the findings were filed away and forgotten.

My personal opinion is that if the British government had come out with an official statement indicating that the moon was inhabited, the effect on our western civilization would have been staggering. At that time there was a very conservative movement in Britain, one that was committed to the pitiless exploitation of the masses, to mental and physical slavery. The imagination of the people would have been freed and stimulated to an alarming degree if news of the moon sightings had been widely published, and backed by governmental authority. This same thinking by conservative leaders in the United States is behind the present day Silence Policy on Flying Saucers. They fear an uncontrollable change in public consciousness.

GOOD AND EVIL ON THE MOON

You might very well ask now, why was the signalling from the moon discontinued after 1871? The most obvious answer is that the signals drew no response from us, so why continue? Wait for a later time when the grip of materialism had weakened its hold on our minds.

I'll venture another opinion as to why the communications attempts of 1869-71 discontinued. Occult science teaches that there is good and evil throughout the universe, that everywhere this endless conflict between light and darkness goes on. Reasoning from this principle I believe there are good guys and bad guys on the moon. I believe this communication project of a hundred years ago was set up to awaken mankind by the good guys. They wanted to rend the veil of ignorance which clouds our minds. There was a struggle for control of the light side of the moon and the bad guys won out. And with one or two exceptions, the moon conservatives have dominated moon policy ever since.

Surely you'll agree with me that we have no monopoly on evil on this planet; though perhaps it would be better for the rest of the solar system if we did; and that this was the only institution of its kind in our little universe. Time, investigation and experience will tell.

Speaking of investigation, isn't it strange that since the development of the larger telescopes in the last 25 or 30 years astronomers have tended to bypass the moon as beneath their notice, and have concentrated on the planets and the galaxies. But now we need detailed knowledge of the moon and the space between the moon and the earth. This is called cislunar space. We have this interesting quotation from Clyde W. Tombaugh, a leading space scientist and astronomer at the Army's White Sands Proving Ground in New Mexico. Tombaugh distinguished himself by discovering the planet Pluto back in the 1930s. We quote:

"It is strange that with all the thousands of years man has been studying the heavens he has almost ignored space right around the earth. What I am doing is exploring this unknown area between the earth and the moon."

Mercury is supposed to be the closest planet to the sun, but the Herschels claimed to see one even closer and called it Vulcan. Constant search of the heavens close to the sun since then has not

verified their claim. Modern astronomers have seen many unidentified objects between the earth and the sun, in their search for Vulcan. These sightings have stirred much bitter controversy among the experts. The researches of M.K. Jessup, author of **"The Case for the UFO"**, indicate that astronomers were seeing gigantic space ships operating close to home, in the area between the earth and the moon, cislunar space. Astronomers cannot believe these are space ships operated by intelligent beings because of their hidebound dogma that this is the only inhabited planet! But listen to Jessup's view:

"It is no longer necessary to explain the Visitors as coming from Mars, Venus or Alpha Centauri; they are a part of our own immediate family, a part of the earth-moon binary system. They didn't have to come all those millions of miles from anywhere. They've been here for thousands of years. Whether we belong to them by possession, like cattle, or whether we belong to each other by common origin and association is an interesting problem, and one which may soon be settled if we keep our heads."

So here we have two reputable researchers, Tombaugh and Jessup, keenly concerned about what is going on in cislunar space. This area is tremendously important to us and may already be inhabited by a race or races who make it their normal environment. Judging from Frank Edwards' story in the July 1962 "Fate" Magazine, these creatures resent our intrusion into their happy hunting ground.

THE LOST RUSSIAN ASTRONAUTS

In the "Fate" article Edwards says a pair of astronauts, man and woman, were launched from a Russian space base on May 17, 1961 and orbited for seven days. Tracking stations in the free world followed them and monitored the voices of a man and a woman from the capsule.

Reports from them were routine until that last day when they were reporting, on May 24th, the sighting of "something that at first startled them and then terrified them. . . the woman's voice interjected:

"I'll make it and hold tight with my right hand! Only this way can we maintain equilibrium! Look out the peephole! Look out the peephole! I have it. . ."

"A few seconds later the male voice yelled: 'Here! Here there is something! *There is something!* It's difficult. . .' After a pause of several seconds he continued, 'If we do not get out the world will never learn about it! It is difficult. . ."

"At that point a Soviet station cut in to announce that it was 3 p.m. Moscow time. When the Soviet station ceased transmitting the hour the transmissions from the space capsule had ceased and

were not renewed."

In the same article Edwards reports the launching of Russian astronauts, male and female, on a voyage to the moon, October 17, 1961. Routine transmissions from this capsule ceased after seven hours, with no explanation. These two items sound like interception and kidnapping, especially the first one. Certainly there is something going on above us and we are finally getting equipped to find it out.

Back in 1954, after Tombaugh had developed some high speed tracking equipment there at White Sands Proving Grounds,

it was discovered that we already had two artificial satellites orbiting the earth, one at 400 miles and one at 600 miles! How long have those satellites been there? Nobody knows. Who put them there? Nobody knows. Are they still there? Those in our government who do know aren't talking. The information is classified, secret!

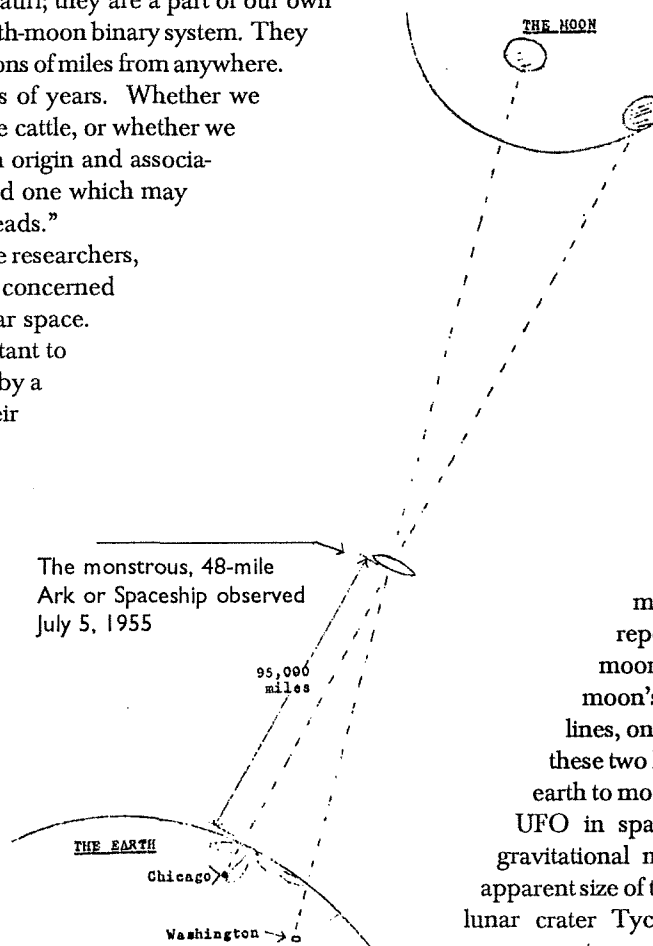
But in 1955 two amateur astronomers watching the moon, at the same time but from two different places, saw a huge shadow on the moon.

This was reported to M.K. Jessup and you'll find it in the introduction to his **"UFO Annual for 1955"**:

"Two observers saw a spot on the moon, the night of July 5, 1955. One reported the spot at the exact center of the moon's disc; the other said it was at the moon's edge. That established two base lines, one on the earth, one on the moon. With these two lines and the known distance from the earth to moon it was at once possible to locate the UFO in space — 95,000 miles out toward the gravitational neutral. But, one observer gave the apparent size of the UFO in terms of comparison to the lunar crater Tycho, and from that known unit of measurement our mathematicians deduced the approximate size of the UFO: 48 miles in diameter! How do we know it was a UFO? The answer is simple. One observer saw it hover for three minutes and then move off the moon. That's controlled motion, and control means intelligence!"

This kind of sighting, repeated many times by many astronomers, both amateur and professional, has led Jessup to his bold and logical conclusion. We don't have to look to the other planets for the origin of our Visitors, Cislunar space is their normal habitat!

To get back to those satellites discovered in 1954, five years before we had the opportunity of launching one, Aviation Week magazine released the information. In doing so the editors claimed they were *natural* satellites! This drew an indignant denial from Dr. Lincoln LaPaz, who had apparently originally discovered them. Dr. LaPaz, being tied to the government's security program, refused to say anything about those orbiting UFOs of



1954. To say that they were not natural objects, meteorites captured by the earth's magnetic or gravity field, would leave only one other conclusion. *But this conclusion would shatter the philosophical base of Church, State and Science.* No responsible official in any of these three foundations of our society today, will assume responsibility for stating publicly that we are property, that outer space is inhabited. When it does happen, as happen it will in the next few years, the information will shatter our civilization as it is presently constituted. This new idea, this change in consciousness, should be absorbed slowly over a whole generation, perhaps longer, if it is not to destroy us. The Saucer phenomenon broke on the public consciousness via the newspapers in June, 1947. If we reach the moon by 1970 that'll be just about right, twenty-three years.

THE MOON LANDING BASES

I'd like to refer to another item from Jessup's research on the moon. The large craters there are of course fixed landmarks. There's no question about their size and location; however, our telescopes have picked up numerous smaller craters, four or five miles in diameter. These little, so-called craters have a disconcerting way of disappearing at times. Instead of being a black hole in the moon, the little crater suddenly appears to be a low, dome-shaped structure that casts a shadow on one side! A brilliant white spot has replaced the black one. Jessup believes these white domes are actually great space ships sitting on the ground there on the moon. The so-called crater is a saucer-shaped depression, a landing base. When the Flying Saucer takes off the base then becomes a hole in the ground, or merges into the flat landscape.

In **"The Expanding Case for the UFO"** Jessup reproduces moon drawings from a 19th Century astronomy magazine. These are of the Hyginus region 24 hours apart, by the same observer. The large, ring-shaped object at A on May 24th has disappeared a day later, but two smaller ones have appeared. This kind of activity doesn't fit astronomy's claim that the moon is a lifeless satellite of the earth. In connection with thousands of moving lights and the geometrical pattern of streets or canals in certain craters this indicates intelligent life on the moon.

LIFE ON THE MOON? UTTER BILGE!

The possibility of intelligent life on the moon doesn't even come up in current research. The other night Mrs. Crabb and I watched a review of the moon Apollo Project on television. It was the "Science In Action" program. A space engineer from Hughes Aircraft was the guest. He reviewed the moon program, and told of the Surveyor project and the proposed soft landing of an instrument package. This would send back much-needed information about the surface of the moon.

All through this space engineer's talk, however, it was implied that there would be no interference with our equipment once it is landed. The scientist wasn't even questioned about the possibility that our own Flying Saucer would be picked up and carted away to a moon laboratory for examination, or that false information might be beamed back to our receivers by the man in the moon!

Yet we have astronomers like Schroeter, for instance. As far back as 1750 he noted a smoky appearance above Hyginus N. How can astronomers claim the moon has no atmosphere when definite smoke and haze sometimes obscure certain areas? Later astronomers have hazarded the guess that Hyginus N was the "Pittsburgh" of the moon, because considerable industrial activity was going on there. Lights seen moving across the dark side of the moon appeared to be well above the surface. We say these are space ships in flight. The only explanation given by astronomers is that these moving lights might be meteors. But this is a contradiction and the astronomer knows it. If the moving light he sees is a meteor that means the moon has an atmosphere, or the meteorite wouldn't burn! To this also the astronomer refuses to agree.

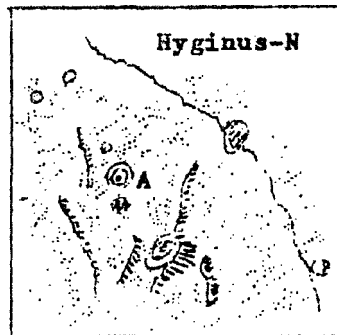
Speaking of lights, in 1822 astronomer Gruithuisen saw a regular formation of gigantic ramparts 23 miles long. This area also was obscured by clouds at times and couldn't be seen. Beer and Madler saw an even larger square enclosure near the crater Fontanelle. The walls of this gigantic structure were 65 miles long, a mile wide and 250 to 350 feet high. Regular rectangles like this are not natural formations.

That was a 19th Century sighting by Beer and Madler. The interesting thing about the gigantic square today is that it is incomplete. Someone or something has destroyed it. Was it a space base destroyed in some lunar war between

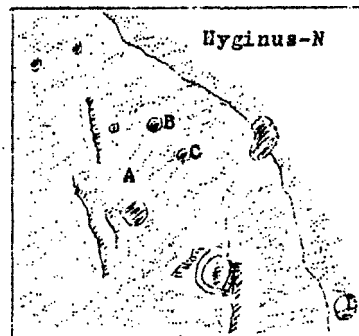
the good guys and the bad guys? And broken down so that the modern myth of the "lifeless" moon would be preserved? If there is an evil relationship between the earth and the moon, as I suspect, then this makes sense. Those who control evil and profit by it on this planet would not want the fact of their moon base made public. Such knowledge would help destroy their control over mankind.

There seems to be some indication that small areas of the moon do have vegetation. Astronomers have

watched the floor of the crater Plato night after night. In the first quarter the floor of Plato will be quite bright, like bare ground. Then as the moon comes on to the full the floor of Plato darkens; within 60 or 70 hours it changes color considerably. Some observers are bold enough to guess that this may be vegetation. Remember that the moon's day is 14 of our days long. It may well be that moon vegetation sprouts, grows, reaches maturity and dies within that 14 day period. The technicians are willing to admit that there may be concentrations of air and moisture on the floors of some of the moon's deeper craters, a condition which would not be true out on the vast plains of the moon, called "seas". The



May 24, 1882, 8:30 pm



May 25, 1882, 8:45 pm

crater Eratosthenes is 8,000 feet deep.

SPACESHIP TAKEOFF

One night in 1760 Astronomer Schroeter was watching the crater Cleomedes. He was surprised to see what appeared to be a cloud of dust swirling along the surface. Then suddenly there appeared a well formed hole on the floor of the crater. This hole must have been several miles across for Schroeter to have seen it from the earth. Astronomers come up with the limp answer, volcanic activity. This in itself is an admission by them that the moon isn't as lifeless as they claim. But we say a giant space ship took off from Cleomedes at that time and Schroeter saw the after affects. Thus we can say that the moon has been inhabited or used as a space base as long as 202 years ago. Occult science says the moon has been inhabited for millions of years and that in fact we lived on the moon when it was a planet in orbit around the sun.

M.K. Jessup had some interesting observations to make on this point. Here's another paragraph from **"The Case for the UFO"**: "It is relatively unimportant whether we decide that civilization was brought to us from space, perhaps from the exploded planet between Mars and Jupiter, or whether civilization reached space from some earthly development in a previous, prehistoric upsurge. Such relics as the Great Pyramid indicate the advancement of that forgotten age. And it is perhaps a little less strain on our sensibilities to assume that space life, especially if limited to the earth-moon system, originated right here on earth. Our two greatest mental hazards at the present moment are to overcome the blows to our racial ego, and to free ourselves from the idea that the Saucers and space life now reaching our cognizance necessarily come from a planet."

That's one of the main conclusions Jessup came to, that in the Flying Saucer phenomenon we are dealing with a human race which has learned to live in space, the space right around our planet. I wouldn't be surprised that some people right here in the United States know this for a certainty. These could be people in official places, technicians and scientists who just aren't saying anything publicly yet. They may very well be in touch with these space dwellers. Jessup is inclined to agree with Richard Shaver. If you read those stories in *Amazing Stories* in the 1940s, you'll remember. Shaver's hypothesis that atomic wars made the surface of our planet uninhabitable; for two reasons, the radioactivity from the bombs and the shattering of the ionized layers above us, this let in too much sunlight of a destructive kind, causing rapid aging and so forth. This was before the Flood. Shaver believes that the advanced members of this ancient race took to space in their Flying Saucers, and the slaves fled to the Caverns and stayed there. Jessup suspects that

some violent change on the surface of the planet forced our prehistoric ancestors — advanced in science — to take to the skies and learn to live there. Most records and all memory of their presence have long disappeared from our histories and from our memories.

CHART OF STRANGE LIGHTS ON THE MOON

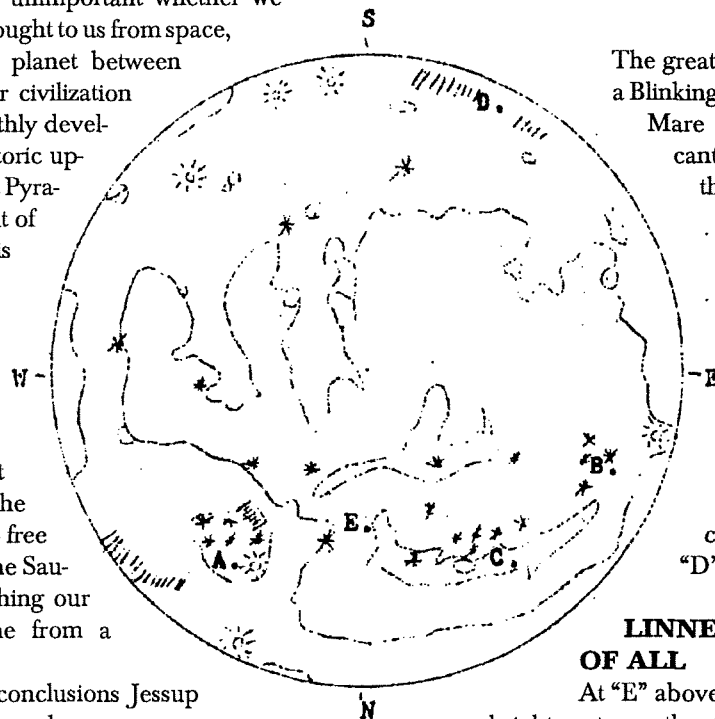
A young astronomer of Cleveland, Ohio became interested in the Flying Saucer phenomenon years ago, Tom Comella, Jr., and he charted the sightings to see if they would point significantly to specific areas on the moon. They do as you can see from the chart on the left, copied from the drawing in George Hunt Williamson's book, **"The Saucers Speak"**.

Comella didn't identify the areas so his chart will have to be compared with one of the standard astronomical charts containing the names of the so-called seas and the craters. Comella charts three kinds of lights:

- ☼ Blinking Lights
- * Star-like Lights
- Streaks of Light

The greatest concentration of Star-like lights, a Blinking Light and Streaks of light are in the Mare Crisium, "A" at lower left. Significantly, this is where O'Neill discovered the gigantic bridge in 1952! Many streaks of light have been seen at that edge of the moon, also.

Then way over to the right is a concentration of Star-like Lights at "B", the crater Herodotus. Then back toward the lower middle of the moon, at "C", the famous crater Plato there is a concentration of Star-like Lights. Note also the concentration of Streaks of Light at "D", the upper right edge of the moon.



LINNE, THE GREATEST PUZZLE OF ALL

At "E" above is the puzzling little crater Linne, a bright spot near the right hand edge of Mare Serenitatis. Distinct and sudden changes in Linne have been noted and exclaimed over for two hundred years. At times it has appeared to be a simple crater, a black hole in the moon. At other times it has the appearance of a brilliant dome structure, and still again it is totally obscured by a grey cloud! Jessup devotes a chapter to Linne alone in his **"Expanding Case for the UFO"**. There he reviews the data of two centuries of close observation by astronomers, includes a recent photo of Mare Serenitatis in which Linne shows as a mist-covered area devoid of detail, and a copy of the detailed drawing of Linne in H.P. Wilkins' book **"Our Moon"**, Wilkins viewed the moon through the "best telescope in Europe", at Meudon in France.

Jessup's caption for the drawing of Linne as it appears on page 182 of his **"Expanding Case for the UFO"**: "LINNE AS IT IS TODAY: Small-scale sketch by Patrick Moore of Linne

as seen through Europe's largest refractor."
(From **Our Moon**)

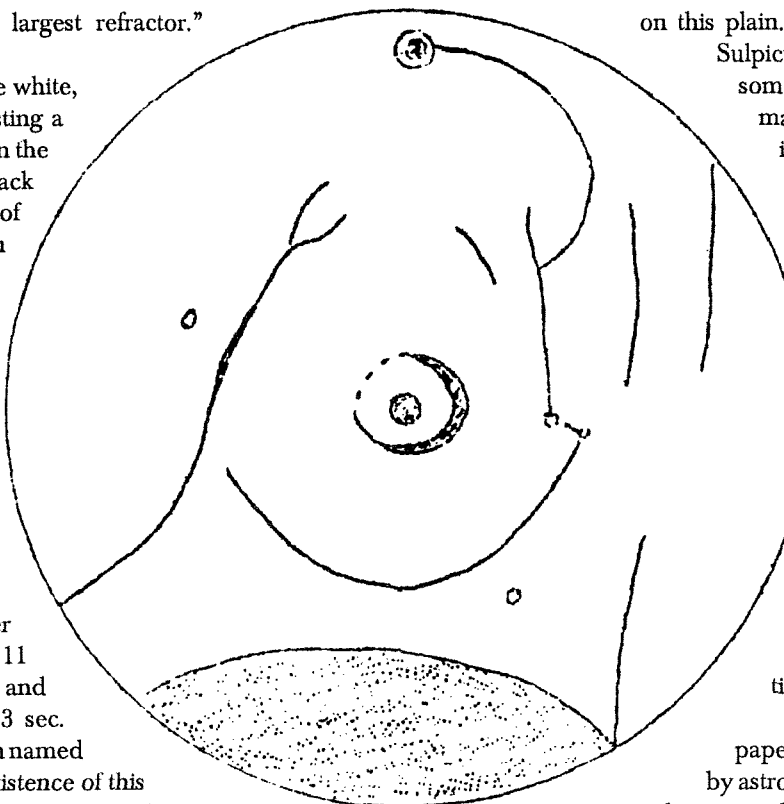
In the very center is the white, dome-shaped structure, casting a black shadow to the right. In the center of the dome is a black hole or depression, typical of many such objects seen on the moon by astronomers. The lines around the dome, especially the semi-circle below it, would seem to be access or service roads. At times, all detail in this area is obscured by a cloud or mist.

Jessup writes: "Before 1866, all acceptable maps of the moon indicated a small but prominent crater located at lunar longitude 11 deg. 32 min. 28 sec. West, and latitude 27 deg. 47 min. 13 sec. North, on the extensive plain named Mare Serenitatis. But the existence of this crater, with a diameter of approximately six miles, has not been serene. Situated on a low, broad ridge, it was prominently isolated. . ."

But three-quarters of a century earlier, on November 5, 1788, Schroeter saw "not a crater but a darker spot, diffused and without a sharp border." Jessup points out that this observation by Schroeter went unnoticed by other astronomers until late in 1866, when *Linne disappeared*.

"Schmidt, who had known Linne since 1841, saw in October 1866 nothing where Linne should have been except a glimmer, a small whitish cloud. This persisted through November. So Schmidt announced the first authenticated *disappearance* of a lunar crater. . . Almost uniformly, the (astronomical) literature of 1866 to 1870 refers to the 'obscurance' of Linne as being a 'white spot' which, on December 15, 1866 had no defined edges, was almost eleven miles in diameter, and cast no shadow. If Linne was still there underneath, it was a changed Linne."

Compare these observations picked up by Jessup in his researches. The German astronomer Lohrmann on May 23, 1823: ". . . (Linne) is the second crater



on this plain. . . near a ridge beginning at Sulpicus Gallus; it has a diameter of somewhat more than a mile (German mile, about 4½ English miles) is *very deep* and can be seen under *every illumination*."

English astronomer Webb on Jan. 12, 1867: "On the site of Linne nothing but a small ill defined whitish cloud, not quite so large as Sulp. Gallus. There seems to be some slight marking as from a small shadow, towards its center, but far too indistinct to say whether caused by a hill or a hollow. The white cloud was by no means bright or conspicuous, although perfectly distinct."

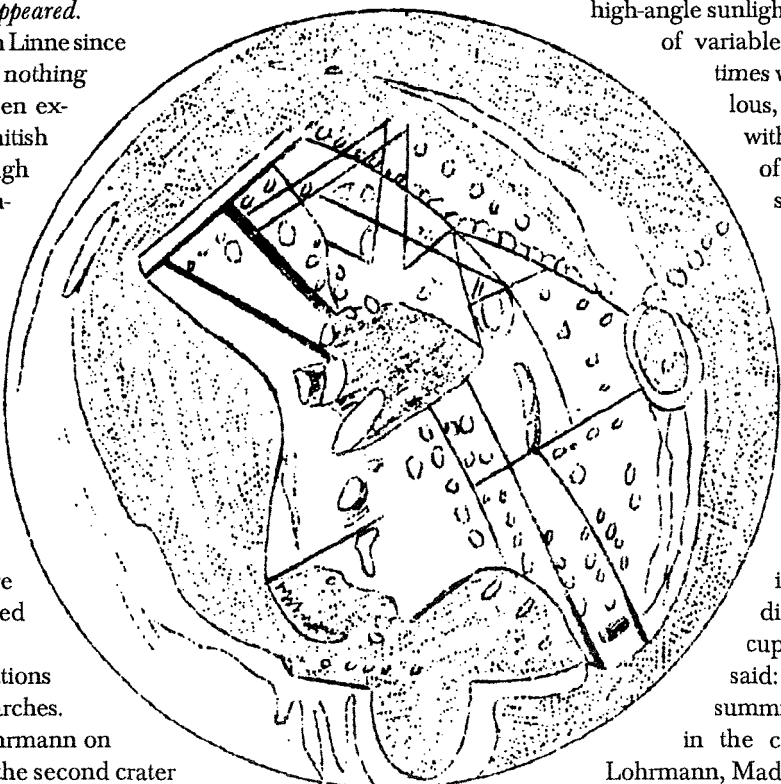
Then Jessup includes several papers of charts and observations by astronomers indicating the changes in the size and appearance of Linne. Here is his final summary: "The consensus of Schmidt and

most of the other observers was: (1) in the first half of the nineteenth century, Linne was a crater somewhat deeper than average; (2) *sometime* between 1842 and 1866 it disappeared; (3) after 1866, at sunrise, when shadows are longest and nearby craters are most prominent, Linne was invisible; (4) at high-angle sunlight, Linne became a bright spot

of variable size and brightness, sometimes well defined, sometimes nebulous, sometimes convex, sometimes with a minute crater in the center of the cloud, sometimes with a small hill which cast a shadow;

(5) Schroeter, in 1788, saw Linne in about the same condition as after 1866; (6) there are other bright spots on the moon which have similar characteristics, sometimes including the same minute black crater. . . It is especially notable that while the new Linne was constantly altering its appearance, at no time did it revert to its original deep cup shape. . . In 1954, Wilkins said: "Today Linne is a pit on the summit of a low dome, and situated in the center of a white area. If

Lohrmann, Madler or Goodacre correctly de-



scribed it as it really was in their time, then a change of some sort certainly occurred for today Linne is the reverse of a crater, being in fact a hill or dome with a minute pit on it's summit."

Of all drawings or photos of the surface of the moon this one is most impressive. It was made by British astronomer H.P. Wilkins looking through Europe's largest refracting telescope. It is the interior of the crater Gassendi. To my unprejudiced eye it looks like the layout of a university campus or a small town, as any map reader would agree. Certainly those geometrical lines, ruler straight, and with rows or regular structures alongside, were not laid out by animals! The shaded areas are ink-black shadows. Note the grouping of large structures in the center, and the massive shadow they cast. True the kidney shapes little resemble our rectangles but they could be artificial structures, nevertheless! Yet there isn't a professional astronomer in the Western world who will stand up on a public platform and admit the crater Gassendi contains a town, a community of streets and dwellings.

Several years ago George Van Tassel, operator of Giant Rock airport, received a close-up picture of the surface of the moon. It was sent to him from Europe. It was released in Europe as having been taken through our giant reflecting telescope at Palomar, but no such photo was released here in America. The photo shows a huge, E-shaped structure on the surface of the Moon, with lines leading to it which could be roads.

It is this kind of evidence which leads me to say that certain people here in the United States have irrefutable evidence that the moon is inhabited. This information is being deliberately withheld from us. Our taxes pay for the collecting of such information. Public donations were sought and accepted, to help with the erection of the great glass at Palomar. News headlines here in California proclaimed that Palomar would solve the secrets of the Universe. I believe the secret of the Man in the Moon has been solved by the great telescope, but we aren't benefiting from the information.

WE ARE BEING DECEIVED

One of the best movie films of a Flying Saucer was taken by a young Marine, Ralph Mayher. He was living in Miami, Florida back in the early 1950s, at the time one of the Miami TV stations offered a prize of \$100 to the first person to come in with a bona fide picture of a Flying Saucer. Ralph won the prize. He and his wife and child were outside one night, watching the skies, and sure enough they saw a glowing object moving silently along, several thousand feet above them. Ralph ran inside, got his 16mm movie camera with telephoto lens, came back out and shot a 100ft roll.

Later, when the film was developed, it was found to have quite a few feet of film of this fiery object, with the well defined saucer-shaped leading edge and a fiery corona trailing off behind. This is a typical shape seen and reported by hundreds who have seen

Flying Saucers. A confirmation of the Mayher Saucer came from two Navy pilots who were flying in to Miami that evening from Pensacola. They reported seeing a glowing object in the sky above Miami about the same time that Ralph took his pictures — about 3,000 feet altitude as I recall.

Mayher's story and pictures were in one of the men's magazines — after he left the Service. He probably wasn't allowed to say much about his sighting until he was a civilian. He took a job with TV station KYW, Cleveland as a newsreel cameraman, and also became a Special Adviser to National Investigations Committee on Aerial Phenomena, Major Donald Keyhoe's UFO research group in Washington, D.C.

Mayher told Keyhoe that in November 1957 an agent of the Central Intelligence Agency, John Hazen, took his Flying Saucer film from him and turned it over to the United States Air Force. There were two government agents involved in this and both warned the ex-Marine not to reveal that the film had been taken from him! Nevertheless, Mayher did reveal it to Major Keyhoe and on March 13, 1958 Keyhoe wrote to the director of the

Central Intelligence Agency, Allen Dulles, asking for an explanation of their behavior. All he got for a reply was an evasion, not from

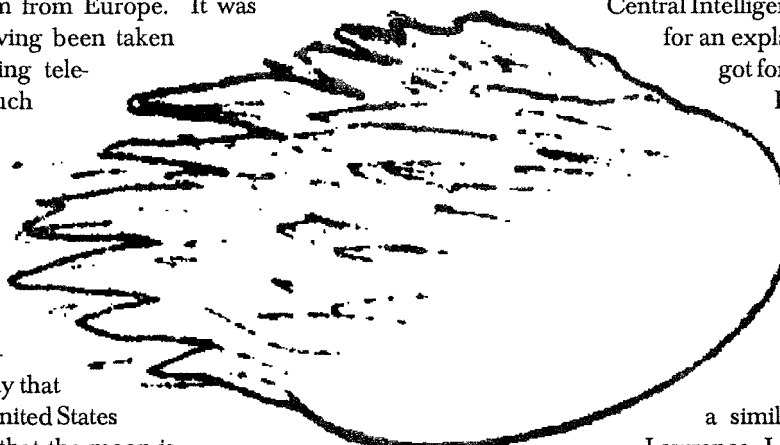
Dulles but from the CIA Executive Officer, J.S. Earman, who wrote, among other things: "Since this subject is of primary concern to the Department of the Air Force, we have referred your letter to that Department for a reply." This was on April 4th.

On April 10th Keyhoe received a similarly evasive reply from Major Lawrence J. Tacker, an Air Force Public Relations Officer. In fact, Tacker ignored Keyhoe's query about the CIA's attempt to silence Mayher but instead sent him a classified UFO report made five years earlier in 1953! I've taken this information from the NICAP "UFO Investigator" of June 1958.

This is only one well-documented example of an attempt to cover up or eliminate factual proof of the reality of Flying Saucers. We have dozens of others in our files. To the average American this is beyond his understanding. He has no conception of the secret forces which rule the world. Nor is he aware of the network of espionage and the barrage of propaganda by which that secrecy is maintained.

WHO RUNS THE CENTRAL INTELLIGENCE AGENCY?

I don't know but I'm sure of one thing; the CIA is not run for the benefit of the people of the United States, even though we pay the bills! I'll tell you this, though, if we pick up the threads of this supersecret organization and follow them, they'll lead us to the moon. Then we'll know why our government has a "silence policy" on Flying Saucers. Certain vested interests here in the United States don't want the existence of that moon traffic to become known. It means the end of their power and influence.



QUANTUM CONSCIOUSNESS

A TRAP FOR THE UNWARY

by Riley Hansard Crabb

reprinted from the

May-June 1986 *Journal of Borderland Research*

THEORETICAL PHYSICISTS are making continuous efforts to bridge the apparent gap between mind and matter. The Jesuit-trained French philosopher, Descartes, claimed the gap was unbridgeable and Western science has followed his lead for too long. Eastern science says there is no such gap, and has said so for thousands of years. Now, physicists like Fritjof Capra in his book *"The Tao Of Physics"*, are turning to the writings of Eastern philosophers to prove that Western physics has bridged the gap without knowing it!

One such physicist, Fred Alan Wolf, outlines his effort in a brief article in the September 1985 issue of "Omni" magazine, "Quantum Consciousness"; but instead of following the lead of his teachers—East and West—and accepting the principle that mind precedes and controls matter, he reasons that matter controls mind, and the emotions.

In enunciating the Law of Indeterminacy years ago, the German physicist, Heisenberg, acknowledged the supremacy of mind over matter. He told his students of the 1930s that the experimenter is a part of the experiment, that his attention on it will affect the outcome. This resulted in a wave of scepticism in the scientific world then, but the recognized wave-particle duality of quantum physics confirms the German's inspired observation.

Wolf poses the question: "When does an atomic object behave like a wave and when does it behave like a particle? According to many quantum physicists the answer depends on whether the object is observed. Unobserved the object appears to be spread out over space as a wave, but the instant it is observed the wave collapses to a point and behaves like a particle. The action of a simple observation 'causes' a wave to collapse, producing a particle. But what kind of action is a simple observation? Nobel laureates Eugene Wigner and Brian Josephson and many other physicists, including myself, believe that it may be a fundamental event beyond physics. We view it as an act of consciousness."

But then he goes on to claim that the action of consciousness is controlled by the particle behavior of electrons in the brain "orchestrating the behavior of individual nerve cells as they relay their chemical messages to one another. I argue that the wave-particle duality action of electrons, for example, could give rise to feelings of loneliness, of ego and hatred." I argue, as a student of metaphysics, that waves of loneliness, of ego and hatred give rise to chemical changes in the molecules of the body. "Similarly," writes Wolf, "love and feelings of compassion may be created by photons, particle-wave units of light." It seems to me that it would be just as proper to say that feelings of compassion are waves of energy from the emotional or Astral world—what physicists call the virtual state—creating photons or particles in the physical, the actual state.

MIND AN OUTGROWTH OF QUANTUM PHYSICS

"Love and hate, success and failure, violence and peace could be but manifestations of energy, of forces and atomic objects flowing through our bodies, brains and minds as particles and waves. What we call the brain," writes Wolf, "is the particlelike behavior of our observations. What we call mind is the wavelike behavior of atomic objects, invisible and unobserved. Mind is then the outgrowth of the basic laws of quantum physics together with the actions of the observer, which I believe are the acts of consciousness."

Fred Alan Wolf claims to have studied the Cabala with an internationally acknowledged expert, Carlos Suarez. This is while Wolf was an associate professor of physics at the University of Paris. If Suarez taught him that mind is an outgrowth of matter I am surprised, and disappointed; for that philosophy is characteristic of the Left Hand Path. It is quite the opposite of another internationally acknowledged expert, Professor Whitehead, who held the chair for Mathematics at Cambridge. His cosmology assumed that physical events were the result of mental events, with mind, not matter, as the basis of life. John Wilcox in his excellent book *"Radionics In Theory and Practice"* (Herbert Jenkins, London, 1960) compares Whitehead's positive philosophy with that of the late lamented founder of Scientology, a prize pupil of that famous or infamous Cabalist of the Left-Hand Path, Aleister Crowley.

"Conversely," writes Wilcox, "Mr. L. Ron Hubbard, an American nuclear physicist, subsequently turned his attention to psychology in the belief that mental events partake of the same fundamental characteristics as physical events. Under the name, first, of Dianetics and subsequently Scientology, Hubbard evolved a technique of psychotherapy based on the methodology of mathematics and atomic physics with which some remarkable results are said to have been obtained."

One of the remarkable results was that Hubbard obtained a fortune of hundreds of millions of dollars from thousands of devotees all over the civilized world, using scurrilous business practices which made him persona non grata in many American states and in foreign countries such as England and Australia. This is one of the major reasons he made himself inaccessible to process servers by living on a yacht in the Mediterranean for years, then returning incognito back into the United States after his lieutenants had surreptitiously purchased the old Gen. Harrison hotel in Clearwater, Florida.

We can see here the results of particle-like behavior at work as described by physicist Wolf in the Omni article: "In the quantum world, electrons suffer a paradoxical life. Because of their particle behavior and their electrical repulsion, no two electrons can ever occupy the same space. *They are doomed to solitude.* In their wavelike

guise, however, electrons are forever seeking their opposite particle, the positron, even though such a meeting would result in their destruction. The electron's electrical charge is a cry for the return to the void. It hopes and fears to attract its opposite, its antimatter partner, the positron, *in a dance of death.*"

THE RETURN TO THE VOID

To the Cabalist on the Right-Hand Path of love and service, the "return to the Void" is a return to the Father's House, "O" zero is Infinity: Infinite Power, Infinite Wisdom, Infinite Love. To the Black Magician who says, "Evil, be Thou my Good", the Void is the end, total destruction because of the dependence on the self-limiting cycles of matter—and the inorganic beings who reside in it, in some cases refuse from an earlier cycle, in Theosophical terms the Moon Chain, whose physical planet was Maldek. It was blown up by Evil Forces in an all-out atomic war about 700,000 years ago.

Rumors of the sudden demise of the Apostle of Quantum Consciousness, Ron Hubbard, were rife in Southern California long before I left it in September 1985. In fact his oldest son went to court to get control of his father's estate, but lost the fight to the Los Angeles leaders of Scientology, who produced evidence that convinced the court that Ron Hubbard was still alive—though they could not produce Hubbard! Now they say he is dead, of a stroke, at his California ranch, according to an Associated Press dispatch of Jan. 28, 1986, and that "Mr. Hubbard left most of his estate to Scientology". Two other facts are known for sure. His surviving wife, Mary Sue Hubbard, is in jail for committing crimes in his name against the U.S. Government and his younger son died of mysterious causes in a Las Vegas hospital. He was found unconscious in his car, without identification, on the Nevada desert, apparently on his way to visit his older brother who was living at that time in the gambling capital. Police finally traced the ownership of

the car to Clearwater, Florida and Scientology, but the staff there at first denied any knowledge of the young man who passed on, alone, and for no discernible medical cause.

Fred Alan Wolf concludes his thoughtful article with this observation: "Understanding how the brain/mind works may lie within the whole range and arsenal of the mathematical language of quantum physics. The probability equations and the behavior of atomic objects may depend on the wave-into-particle actions of consciousness. Without such actions the world and all of its

participants would remain wispy, ghostlike quantum waves, and there would be nothing material at all."

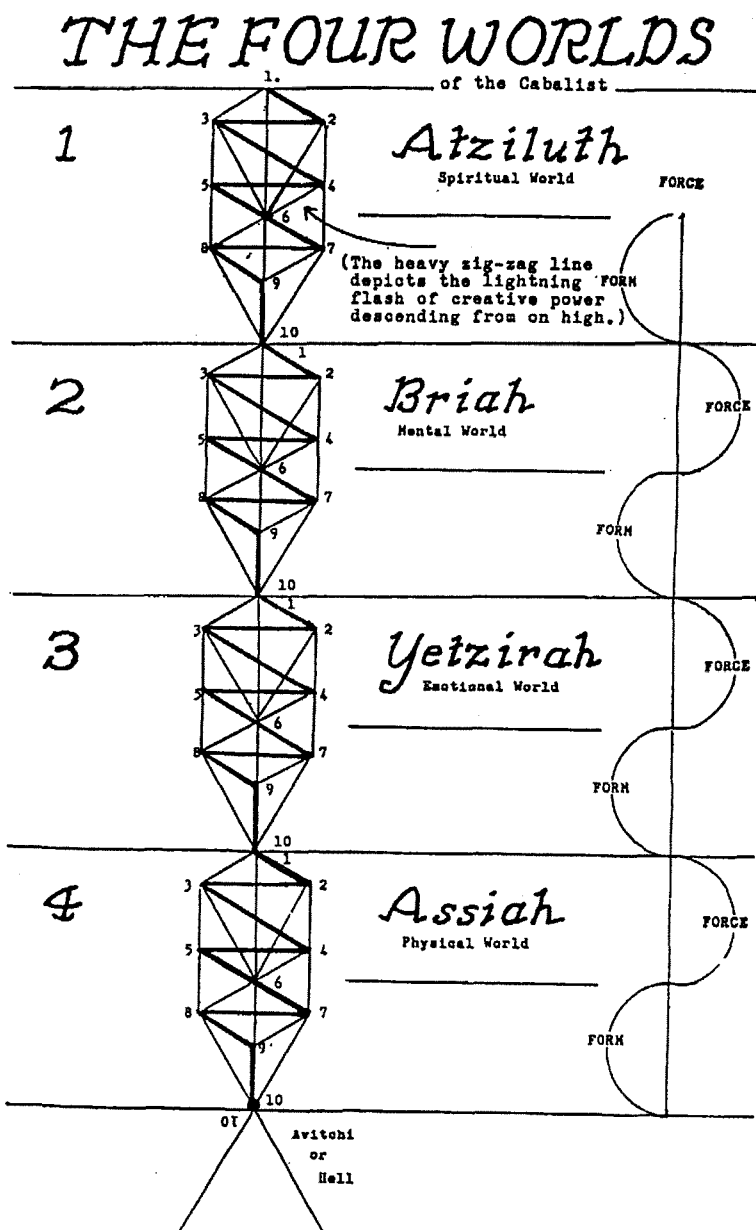
Conspicuous by its absence from Wolf's article is reference to moral and ethical considerations in the use of Quantum Consciousness. My teachers in the Western Mystery Tradition say that consciousness of morals and ethics rides on the "wispy and ghostlike" waves which descend from the topmost of the Four Worlds of the Cabalist, Atziluth, as shown in the accompanying chart. These waves tend to encourage people to treat other living beings with consideration and respect. As I understand it, the message from the Void is that this is a moral universe, that we are responsible for the results of our every action. This point of view was conspicuously lacking in the teachings of Aleister Crowley and in the philosophy of Descartes.

QUANTUM CONSCIOUSNESS IN THE HOSPITAL

In his illuminating book on "Holistic Health", published by Holt, Rhinestone and Winston, New York, 1982, and by Turnstone Press, England, 1984,

Lawrence LeShan gives an interesting example of the consciousness direction problem:

"Some years ago, I instituted a program in a hospital with many long-term patients. An hour after each patient was admitted, a volunteer wheeled into the patient's room a cart containing a hundred good-sized reproductions of famous paintings. The reproductions were professionally mounted on light beaverboard



and the patient was invited to make a selection and decorate his or her room. The volunteer returned once a week to ask the patient if he or she wanted to exchange the prints for others. The program cost the hospital nothing, except for the time of one volunteer. (The paintings were donated by an art company to which I had explained the purpose.) The program was instituted against the strong opposition of most of the staff. The only objection verbalized was that the program 'would cause confusion'. The unspoken objection was that it gave the patients a sense of individuality, of being persons with a disease, rather than being a disease with a person somehow attached to it, and that it treated patients as adults. The patient response to the program was very strong and positive and the program continued very successfully for the next two years. Within three months of my leaving the hospital for another job, the program was discontinued." Another unspoken objection by the staff to LeShan's program was, no doubt, that he had no degrees after his name, and cured patients leave empty beds.

Beyond that are the deeper implications of Quantum Consciousness. Wispy ghostlike waves from hell, or matter within the earth reinforce the hospital staff's "basic attitude that the patient is no longer an individual human being worthy of respect". This is power without love, reducing the healing art to a scientific, mechanical production for money. As the pollution of the air, the water, the earth, and the electromagnetic pollution of the atmosphere increase, we can see the goal of the Secret Few who run the Western world at a profit, to keep the majority of the people in a depressed, depleted physical state, more amenable to their soul-destroying philosophy from the underworld. But as they accelerate the decline of Western civilization for their own evil ends, the Secret Few serve the forward-moving, evolutionary plan of the Logos whether they know it or not. Theoretical physicists like Fred Alan Wolf aren't the only ones who know that whatever is born at the physical level must die, sooner or later. But philosopher scientists view life from the indestructible mental level. They know that the death throes of an old civilization are the birth pangs of a new one. Life goes on. Forms

made of atoms do not—though the atoms themselves may be as old as the Solar System.

THE QUANTA OF THE GLOBAL CHAINS

The irresistible march of life through the forms of the Solar System is aptly illustrated by Besant and Leadbeater in "Man, Whence, How and Whither". Central to that march is the Judgment Day which comes to each globe or planetary schoolroom midway through its active cycle. About 40% of the life wave of a globe or planet will fail. These laggards fall back and take the work over again. Many of them look down instead of up and tie their consciousness to matter. This is evil if it is done deliberately. Let's call it planetary evil. This anti-evolutionary attitude opens them to guidance by Cosmic Evil serving the Destroyer aspect of creation. Orion the Hunter, mentioned in the Bible, is one such source. Another is a sun in the Great Bear Constellation, reputed to be Dubhe.

If quantum consciousness is allowed to run unchecked on a planet, it can result in the total destruction of the planetary schoolroom. This happened to Globe D of the Moon Chain shown in Diagram II of the Besant/Leadbeater opus. In some of the early teachings it is called Maldek, the remains of which are the asteroids orbiting between Mars and Jupiter except for the largest remnant, Luna "surviving as our Moon," according to Leadbeater, "but the Moon is only what is left of it. . . a globe much diminished in size, on its way to a total wreck – a corpse, in fact". See also Diagram IV.

In following the distribution of the "sheep and the goats" after the Judgment Day on Maldek, it is apparent that the failures were dumped here on Globe D of our chain, the Earth. So, it shouldn't be surprising that with our Judgment Day fast approaching, we face the same kind of planet-destroying crisis with our nuclear arsenals, created by reincarnated atomic scientists faced with the same choice again. Let us hope that the Will to Good will prevail and that the majority of them will look up to Spirit rather than down to Matter.

EVOLUTION IN THE EARTH SCHEME OF THE SOLAR SYSTEM

Seven chains of Globes, Life Wave circles each Chain seven times before moving to the next Chain. Earth is Globe D of the Fourth Chain.

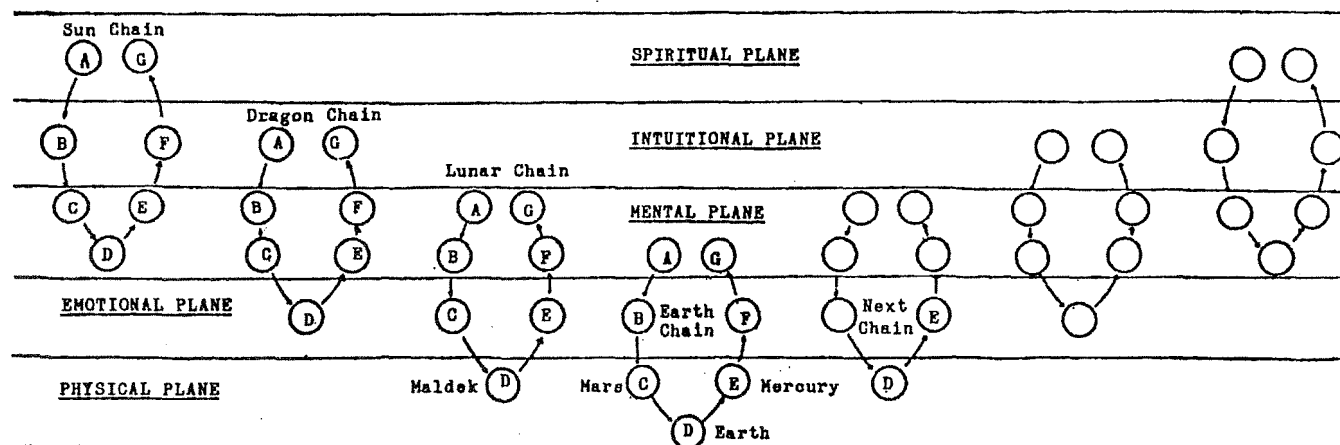
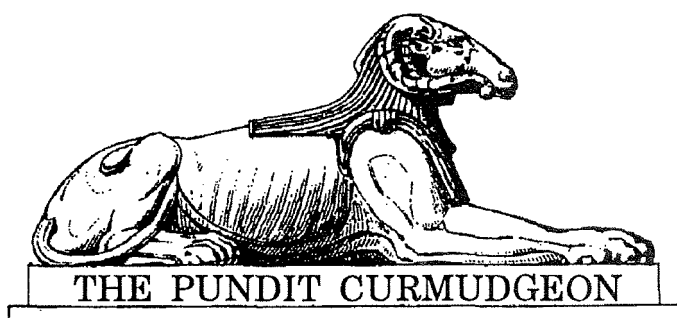


Diagram II, from "MAN, WHENCE, HOW, WHITHER"
By Besant and Leadbeater



THE MEANING OF THE WORD “PSYCHOGRAPH”

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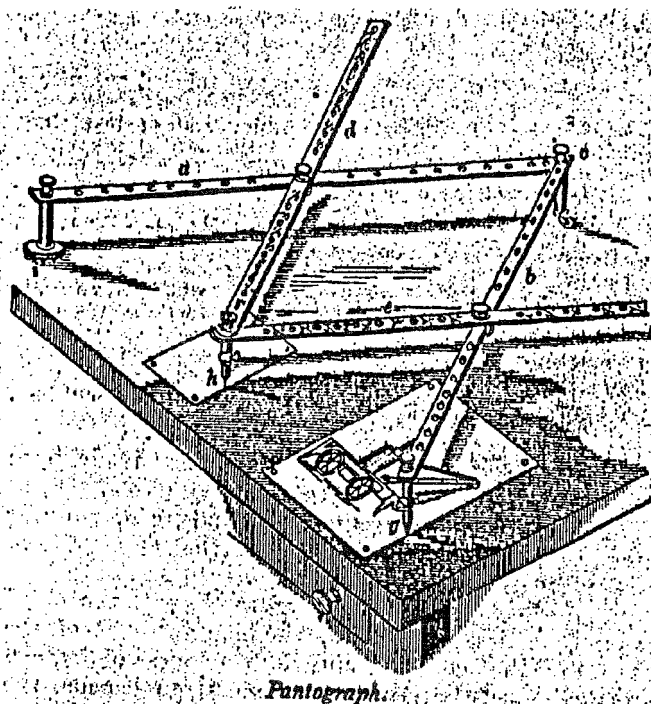
One of the major problems Tom Brown, the editor of this publication, has to face is that the readers do not talk the same language. Undoubtedly they all read and speak English or at least a version of it with reasonable fluency. This doesn't mean that they know what others in areas outside of their own interests are talking or writing about.

This is easily illustrated. Peter Lindemann is a regular *Borderlands* columnist who writes on a number of topics. From his columns and personal conversations he appears to have a reasonable familiarity with virtually everything appearing in this periodical and much, much more. In recognizing this terminology problem he has tackled the issue of what is and is not within the scope of the word “radionics”. In spite of this background he apparently did not have the vaguest idea of the older, well established term “psychograph” when encountering it in going over an earlier proposed Pundit Curmudgeon column.

The fact that there is almost a complete absence of commonly recognized generic, subgeneric and specific terminology is indicated by his failure to recognize this term. To a degree his lack of knowledge of the term “psychograph” is probably a consequence of the fact that his interests are primarily in topics covered in *Borderlands* which are non-psychographic in character. There is a better chance that he and most other readers lack knowledge on this topic due to confused, contradictory, hypocritical, religious and allegedly “scientific” considerations. The latter have presumably resulted in psychographs not being well documented in the usual ‘when and where who did what to whom’ manner which is usually considered to constitute history and in these devices frequently being ignored by both religion and anthropology.

As time has passed the meaning of

“psychograph” has altered from its original generic usage to a limited extent so that it can currently be considered to designate any physical “thing” which can be used as an aid in the achievement of an understandable expression or communication by the subconscious or relayed through the subconscious. Any intelligence which can be achieved with the aid of a psychograph can also be achieved without it. In addition the expression or communication obtained must be capable of being understood by other than the person or persons using the psychograph.



Like many other definitions this one is fine except for the fact that it really doesn't give any suggestion as to what structures are in fact, psychographs. It is a “use” type definition. Those readers who have considered whether or not something is or is not a medical device or a new drug are already versed in the complications of this type of definition. Apparently the prevailing view of the FDA is that if something

has both medical and non-medical uses it is a medical device for all purposes. This is not the case with psychographs.

The expression “psychograph” is normally only used to designate a structure which is especially made or adapted for use in facilitating expression by or through the subconscious and to identify devices or structures which are so used and is not normally used to designate anything else. Because nearly anything is capable of being used in a psychographic manner under appropriate circumstances this limitation on what is or is not a “psychograph” prevents the term being the rough equivalent of generic expressions such as “thing”.

Surprisingly the preceding definition is in reasonable conformity with the initial use of “psychograph”. The first use of the word which the author has located was in an appendix to a book by Adalbert Cohn *Die Wurder-Erschein-urgen des Vitalimus* published in 1853 titled “*Der Psychograph des Herr Wagner in Berlin*”. If you want to check this citation out go to the British Museum. When this matter was investigated by the author it had a copy of the Cohn book and had been designated to receive another copy on the death of the latter's owner. According to the helpful staff in the University of Frankfurt who tried to obtain the book there is apparently no copy of it in Germany.

From a structural—as opposed to “use”—standpoint this particular Wagner psychograph was approximately the same as a pantograph constructed in the middle of the nineteenth century. Such a device would have appeared substantially as shown in the accompanying illustration taken from the 1876 edition of *Knight's Mechanical Dictionary*. No one is known to have even considered a pantograph for any sort of non-mechanical use prior to Professor Wagner's activity with this type of device.

The word “psychograph” was apparently directly adopted into English from the German

after its early use in Wagner's British patent specification No. 173 of 1854. This one page document is also reproduced because the short specification in it almost summarizes the content of the 1853 disclosure in Cohn's book. It is interesting because it not only uses the word "psychograph" but in addition defines it by stating: "*A Psychograph, Or Apparatus for Indicating Persons Thoughts By the Agency of Nervous Electricity*". When one considers current knowledge of the role of electricity in the operation of a living body this definition from nearly a century and half ago is remarkable. Current concepts of the "conscious" and "sub-conscious" presumably were unknown when it was written. By indicating that the instrument disclosed will convey what is "*passing in the operator's mind*" Professor Wagner came as close to the current definition of "psychograph" as possible with prevalent terminology of the 1850's without directly getting involved with terminology of the fraud-tainted, questionable field of early spiritualism. Confirmation of this conclusion comes from the notes regarding the derivation of "psychograph" in that old friend the unabridged Oxford English Dictionary (1971). According to it in 1854 Dickens wrote: "*A thing called a Psychographer, which writes at the dictation of spirits.*" The same notes indicate that in the development of the word it was used in a number of related manners. In one of these it was employed to designate a communication received by what is currently referred to as "automatic writing". Presumably these somewhat related yet slightly divergent uses of "psychograph" lead to a series of intertwined definitions in the Oxford Dictionary which should be taken as a unit in delineating current terminology. These are:

"Psychograph ... An instrument by means of which psychograms or spirit writings are written....

"Psychogram ... A spirit writing; a writing or message supposed to come from a spirit or to be produced by a psychical agency. "

"Psychical... (1) *Of or pertaining to the world of mind; mental as distinguished from physical....*
(3) *Of or pertaining to phenomena and conditions which appear to be outside the domain or physical law and are therefor attributed to some spiritual or hyper-physical agency.* Definitions of this sort create mental images of an editor struggling against the restraints condemning the paranormal of his or her religion and a lack of knowledge of occult subjects in a valiant effort to be fair and accurate in defining repugnant terms. In spite of these probable impediments the author or authors of these three definitions did

an effective job. They made it clear that "psychograph" is a broad enough expression to designate not only a device which produces a documentary product other than in accordance with "scientific" physical laws but to also any type of a communication having a spiritual or hyper-physical origin. This is quite broad. A communication may be any transference of meaning; it need not be directly expressed in words.

One can take the view that "psychograph" was deliberately defined this broadly through accident. It is also possible to speculate that the



A.D. 1854 N° 173.

Apparatus for Indicating a Person's Thoughts by the Agency of Nervous Electricity.

(This Invention received Provisional Protection, but notice to proceed with the application for Letters Patent was not given within the time prescribed by the Act.)

PROVISIONAL SPECIFICATION left by Adolphus Theodore Weguer at the Office of the Commissioners of Patents, with his Petition, on the 23rd January 1854.

I, ADOLPHUS THEODORE WAGNER, of Berlin, in the Kingdom of Prussia, 5 Professor of Music, do hereby declare the nature of the said Invention for "*A PSYCHOGRAPH, OR APPARATUS FOR INDICATING PERSONS THOUGHTS BY THE AGENCY OF NERVOUS ELECTRICITY,*" to be as follows:—

The apparatus consists of a combination of rods or pieces of wood joined so as to permit of free action in all the parts. From one of the legs of the 10 instrument hangs a tracer; on one or more of the other extremities is fixed a disc, upon which the operator is to place his hand, and from this extremity or these extremities depends another tracer. The other parts of the apparatus consist of a glass slab or other non-conductor, and of an alphabet and set of 15 figures or numerals. Upon a person possessing nervous electricity placing his hand upon one of the discs the instrument will immediately work, and the tracer will spell upon the alphabet what is passing in the operator's mind.

LONDON:

Printed by (GEORGE EDWARD) EYRE and WILLIAM SPOTTISWOODE,
Printers to the Queen's most Excellent Majesty. 1854.

originator or originators of these definitions were familiar with the fact that Professor Wagner's psychograph was not exactly a pioneer device in a new, undeveloped field.

It is logical to guess that the responsibility for these definitions rests with one or more who were thoroughly indoctrinated with the classics in Roman and Greek history and literature and, as a result were familiar with the use of a pendulum to obtain results corresponding to those obtained with Wagner's slightly modified pantograph. Anyone associated with the development of these definitions can also be expected to have had some knowledge of and to have been hesitant to accept the then traditional use of dowsing rods for the purpose of locating ores, water and other items. When so used they

in effect were general purpose pointers which could be employed to indicate a series of letters constituting a response to a common inquiry.

Probably it is more important that such an individual could hardly escape being aware of the common practices of the 1850's relative to the receipt of "spirit" messages. In this period the discredited spiritualism had spawned table rapping and a variety of devices for receiving messages from apparently unconventional sources. Some of the latter were rather sophisticated for the time. For example, the use of dials with pointers designating letters by the angle of a table or small platforms corresponding to the platforms on weighting device to spell out messages was then a well developed field. All of them could be used fraudulently.

Such structures or devices were intended as improvements over prior procedures such as repeatedly reading off letters from a list until a reaction attributed to subconscious action caused the designation of successive letters of a response to a question. Each lexicographer in any way responsible for these definitions also was probably familiar with automatic writing since the latter was apparently popular during the Civil War in the USA.

The point to this listing of prior art to the development of the quoted Oxford English Dictionary definitions is simple. These definitions are not broad, generic definitions as a result of an accident. Because of the probable knowledge of past practice by whoever wrote them there is an overwhelming probability that they were intended to have the broadest scope which can be attributed to them. Thus, a psychograph was deliberately intended to be anything of a physical nature which could be used in obtaining any form of intelligence by means of other than the usually accepted conscious methods — more specifically, by or through the subconscious.

Why is it then that those who are more than familiar with all subjects of a type normally mentioned in Borderlands do not know or at best vaguely understand the expression "psychograph". Are we all so immersed in our own interests that we cannot comprehend that there is an occult world beyond our specializations? Isn't it time that we at least learned the names employed in the domains beyond currently accepted "science"? By learning to communicate better we stand an excellent chance of finding out that specific aspects of those fields of our personal interest are of presently unrealized significance to associates currently lost to the exclusion of the rest of the world in their own specialties.

DECIPHERING "THE MOST MYSTERIOUS MANUSCRIPT IN THE WORLD" THE FINAL WORD?

by Michael Theroux

This article is dedicated to Riley Crabb, for his interest in the subject, and the library he left behind, for without it I may never have happened upon the means to put it all together.

"The intelligent reader will judge for himself. Without examining the facts fully and fairly, there is no way of knowing whether vox populi is really vox dei, or merely vox asinorum."

Cyrus H. Gordon, from *Riddles in History*

INTRODUCTION

CONTEMPORARY AND NOT SO CONTEMPORARY CRYPTOGRAPHY

It is always unfortunate to find another science which has fallen prey to the so-called "schools of thought". Unfortunately, it would appear that the science of Cryptography has become their latest victim, and seems to be directly linked to the introduction of the computer, and the use of its ability to perform "high math". Let us not forget, that the science of Cryptography is not a science of numbers, but one of words.... symbols. Written language is cryptography in its purest sense. It follows no laws or rules as does the science of mathematics. It is creative and spontaneous. The ancient scribes with their acrostic-telestic inscriptions, anagrams, and bilateral ciphers (to name but a few methods used), would wholly agree, and realized that the purest cipher was one that was not revealed as a cipher. The ancients were as intelligent if not more so than we consider ourselves today, and manipulated language so deftly that it often takes modern scholars a long time to grasp the presence, let alone all the subtleties, of ancient riddles. These ancient "steganographers" utilized their creative art to conceal the messages of their day.

Today's "encryption" schemes with all their lifeless algorithms are not the engines of ingenuity they claim to be, but are merely simplistic number scramblers. As a writer of several such computer programs, I have found them to be quite interesting, but nonetheless an adventure into a very limited and somewhat non-creative avocation. They may have their purpose in the transmission of data, but the messages they render unintelligible disclose the fact that they contain concealed information, and hold no value aesthetically as far as cryptographic writing is concerned. There simply is no vision in creating machines which spew forth deluges of riffled characters. Of course, the cryptographic orthodoxy would reel at this statement as they try ever harder to find the perfect algorithm, or struggle with the endless factoring of streams of numbers. Their view is toward unification and adoption of standards in the cryptographic sciences, thus putting to rest any sense of creative vision. The true art of Steganography (a method

by which a message can be disguised by making it appear to read or be something else) is one such creative form of cryptography that has been lost (possibly purposely) and seems to have gone the way of most secrets of ancient knowledge. As one member in the community of the so-called "school of thought" so aptly put it to me, "Steganography is useless, and has nothing to do with the modern science of cryptology."

A classic example of this lack of vision by the "authorities" in cryptography is their detraction of William Romaine Newbold's decipherment of the Voynich Manuscript. There are many reasons, which will be detailed here, why many had derogated Newbold's findings. For instance, if Newbold's assertions were correct, scientific history would have to be rewritten. Such is the importance of this most incredible document. In the following pages I shall not only give a detailed history of what has been referred to as "most mysterious manuscript in the world", but will show that Newbold most likely did solve the cipher of the Voynich manuscript, and was probably the only one of his day qualified to do so.

HISTORY OF THE VOYNICH MANUSCRIPT

In order to understand the nature of this undertaking it is necessary to describe the Voynich manuscript (hereinafter referred to as "MS") and detail its most curious history.

The Voynich MS is so named after Wilfrid M. Voynich, a well known bibliophile from New York. In 1912, during one of Mr. Voynich's many visits to Europe in quest of old and rare books, he came across a remarkable collection of precious manuscripts. These volumes had been buried in a chest and remained hidden inside a castle in Southern Italy for decades. While he was perusing the manuscripts for purchase, his attention was particularly drawn to one odd, out of place looking bundle. Examination revealed the MS to be written entirely in cipher. Even a brief inspection of the vellum upon which it was written, the calligraphy, the drawings, and the pigments suggested its date of origin as the latter part of the thirteenth century. It was not until some time after Mr. Voynich purchased the MS that he read the document attached to the front cover bearing the date 1665 (or 1666). It is a letter from Joannes Marcus Marci, rector of the University of Prague, to Athanasius Kircher, a Jesuit scholar, presenting the MS as a gift to Kircher. Its most important

significance can be seen from the following translation of it:

REVEREND AND DISTINGUISHED SIR, FATHER IN CHRIST:

This book, bequeathed to me by an intimate friend, I destined for you, my very dear Athanasius, as soon as it came into my possession, for I was convinced it could be read by no one except yourself.

The former owner of this book asked your opinion by letter, copying and sending you a portion of the book from which he believed you would be able to read the remainder, but he at that time refused to send the book itself. To its deciphering he devoted unflagging toil, as is apparent from attempts of his which I send you herewith, and he relinquished hope only with his life. But his toil was in vain, for such Sphinxes as these obey no one but their master, Kircher. Accept now this token, such as it is and long overdue though it be, of my affection for you, and burst through its bars, if there are any, with your wonted success.

Dr. Raphael, tutor in the Bohemian language to Ferdinand III, then King of Bohemia, told me the said book had belonged to the Emperor Rudolph and that he presented to the bearer who brought him the book 600 ducats. He believed the author was Roger Bacon, the Englishman. On this point I suspend judgment; it is your place to define for us what view we should take thereon, to whose favor and kindness I unreservedly commit myself and remain,

At the command of your Reverence,

JOANNES MARCUS MARCI,
of Cronland.

PRAGUE, 19th August, 1665 (or 1666).

The key, here, is that the unnamed "bearer" believed the author was Roger Bacon, the 13th century Franciscan monk, philosopher, magician, and alchemist. Bacon had been persecuted for his writings and scientific discoveries, and referred in his works to the necessity of hiding his great secrets in cipher. This emphasis on Roger Bacon's authorship will become clear in later development. One should not confuse Roger Bacon with the Renaissance figure Francis Bacon (F. Bacon was also quite prolific on ciphering techniques).

The testimony in the letter of Dr. Raphael, that the MS was once in the possession of Emperor Rudolph is fairly determinative. The signature of Jacobus de Tepenecz found inside the MS confirms the fact that the MS found its way to the Emperor's court, as de Tepenecz was ennobled and befriended by the Emperor in 1608, and lived at his palace.

Further investigation by Mr. Voynich revealed that the MS had been in the possession of Dr. John Dee, the 16th century astrologer and magician. Dee had spent the years between 1584 and 1588 at Rudolph's court as a secret agent of Queen Elizabeth I, and probably brought the MS to Prague. Dee was an admirer of Bacon and collected many of his works (a catalogue of Dee's library prepared in 1583 enumerates thirty-seven works of Bacon). Sir Thomas Browne, the inventor of the English word 'cryptography', claimed that Dee's son Arthur had spoken to him about a 'book containing nothing but hieroglyphiks, which book his father bestowed much time upon, but I could not hear that he could make it out'.

If we are to go back any further we might speculate that Dee obtained a good portion of his Bacon collection from the Northumberland family. It is known that Dee was closely associated with the Duchess of Northumberland, and that the Duke of Northumberland received the spoils from the dissolution

of monasteries which began around 1538. It is presumed that from these spoils, the Duke (or more likely the Duchess) of Northumberland presented Dee with the MS.

A BRIEF SKETCH OF THE CONTENTS OF THE VOYNICH MS

The Voynich MS is a small quarto averaging about 6 by 9 inches. The MS now contains the equivalent of 246 quarto pages, but may have originally contained not less than 262 pages. 33 pages contain text only, 212 with text and drawings, and the last page contains the Key. The text is written in an enciphered script, and the drawings are colored in red, blue, brown, yellow, and green. The contents of the MS is divided up into 5 categories. The first, and largest section contains 130 pages of plant drawings with accompanying text, and is called the Botanical division. The second contains 26 pages of drawings, obviously astrological and astronomical in nature. The third section contains 4 pages of text and 28 drawings which would appear to be biological in nature. The fourth division contains 34 pages of drawings which are pharmaceutical in nature. The last section of the MS contains 23 pages of text arranged in short paragraphs, each beginning with a star. The last page (the 24th of this division) contains the Key only.

VOYNICH AND NEWBOLD

After considerable historical research, Mr. Voynich submitted the MS to several cryptographers. When the symbols in the MS had been copied and classified, their appearance and frequency were found to be consistent throughout, and seemed to have been composed in a single-alphabet substitution cipher. But this did not appear to be the case, much to the dismay of the cryptographers, and they could not extract an intelligible message in any language from the text. The MS was then surrendered to several botanists and astronomers (due to the nature of the drawings) and to many experts in ancient languages — all to no avail. Realizing the possibility that the MS might require the interpretation of someone versed in cabalistic lore (Roger Bacon was no stranger to this) Voynich finally turned over the MS to Dr. William Romaine Newbold, of the University of Pennsylvania, and one of the greatest students of medieval philosophy and science. Newbold possessed the advantage that he was familiar with medieval methods of thought, was versed in occult sciences, and — he was also a cryptographer. Newbold started work on deciphering the Voynich MS in 1919.

NEWBOLD'S DECIPHERMENT WITH SOME CONCLUSIONS

When Newbold first attacked the MS for decipherment, he realized that he needed to find a key which would allow him to understand how the MS was enciphered. On the last page of the MS was written a single sentence:

"michiton oladabas multos te tccr cerc portas"

Disregarding the obvious nulls used in the sentence (ton ola te tccr cerc) and exchanging the "o" in "multos" for "a", the intelligible Latin sentence emerges:

"michi dabas multas portas"

translating into English, "To me thou gavest many gates."

Counting the number of letters in the sentence reveals it to be 22. Newbold then adapted the Latin alphabet to it omitting the letter "k", replacing "x" with "v" and produced the first form of the cipher alphabet used by Bacon:

m i c h i d a b a s m u l t a s p o r t a s
a b c d e f g h i l m n o p q r s t u v y z

Here is what makes Newbold's qualifications for decipherment of the MS so felicitous. Newbold understood that a major clue was to be found in the word "portas", in that its interpreted cabalistic meaning of "gates" would be the secret to the clarification of the Key. Newbold knew that Bacon was well acquainted with the Cabala and would have used such a plan in his Key, for in Bacon's *Epistle on the Nullity of Magic*, where he details several ciphering systems, the sixth such system is called, "The Kabbalah of the Nine Chambers". From Newbold's footnotes we find the following:

"In Cabalistic philosophy the universe consists of God's thought; thought is expressed in speech; speech is composed of letters; hence the Letters are the ultimate constituents of Things. The "gates" are the 231 biliteral combinations of the Hebrew letters (doubles omitted; 231 permuted pairs added by later writers); they represent the primary combinations of the highest manifestations of the divine Being which are at once the forces which make other things, the material of which they are made, and the channels through which the divine energy streams forth into the lower world. A single quotation from the Sepher Yezirah, will suffice:

"He combined (the Letters), weighed them, exchanged them, Aleph with all and all with Aleph, Beth with all and all with Beth, and they go (each) all the way around (the Alphabet). And they are found (comprised) in 231 gates, and everything formed and everything uttered is found to proceed from one Name."

Thus, "gates" not only implies a cipher of many steps, but it reveals that the gates are the channels through which alphabetic values are conveyed from Key Sentence to the 484 (admitting doubled letters) biliteral symbols.

To continue the thread from this point would certainly

become more technical than is necessary, and it will be reserved for the section which clearly details Newbold's methods.

With the Key now in hand, Newbold began to approach the actual text of the MS. With more cabalistic associations appearing, Newbold discovered 22 distinct symbols, among these 22 were recognized the 15 signs that composed the Greek system of shorthand. Bacon was quite familiar with this Greek system, having written a grammar including such information, and reading from the eighth chapter of Bacon's *Epistle on the Nullity of Magic*, we will find the great significance he placed on secret writing, and particular reference to the shorthand system:

"The man is insane who writes a secret in any other way than one which

will conceal it from the vulgar and make it intelligible only with difficulty even to scientific men and earnest students. On this point the entire body of scientific men have been agreed from the outset, and by many methods have concealed from the vulgar all secrets of science. For some have concealed many things by magic figures and spells, others by mysterious and symbolic words. For example, Aristotle in the *Book of Secrets* says to Alexander, 'O Alexander, I wish to show you the greatest secret of secrets; may the Divine Power help you to conceal the mystery and to accomplish your aim. Take therefore the stone which is not a stone and is in every human being and in every place and at every time, and it is called the Egg of the Philosophers, and Terminus of the Egg.' Innumerable examples of the kind are to be found in many books and divers sciences, veiled in such terminology that they cannot be understood at all without a teacher. The third method of concealment which they have employed is that of writing in different ways, for example, by consonants alone, so that no one can



William Romaine Newbold 1865-1926

read it unless he knows the words and their meanings. In this way the Hebrews and the Chaldaeans and Syrians and Arabs write their secrets. Indeed, as a general thing, they write almost everything in this way, and therefore among them, and especially among the Hebrews. Important scientific knowledge lies hidden. For Aristotle in the book above mentioned says that God gave them all scientific knowledge before there were any philosophers, and that from the Hebrews all nations received the first elements of philosophy. . . . In the fourth place, concealment is effected by commingling letters of various kinds; it is in this way that Ethicus the astronomer concealed his scientific knowledge by writing it in Hebrew, Greek, and Latin letters in the same written line. In the fifth place, certain persons have achieved concealment by means of letters not then used by their own race or others but arbitrarily

invented by themselves; this is the greatest obstacle of all, and Artephius has employed it in his book *On the Secrets of Nature*. In the sixth place, people invent not characters like letters, but geometrical figures which acquire the significance of letters by means of points and marks differently arranged; these likewise Artephius has used in his science. In the seventh place, the greatest device for concealment is that of shorthand, which is a method of noting and writing down as briefly as we please and as rapidly as we desire; by this method many secrets are written in the books of the Latin-using peoples. I have thought fit to touch upon these methods of concealment *because I may perhaps, by reason of the importance of my secrets, employ some of these methods*, and it is my desire to aid in this way, at least *you*, to the extent of my ability."

The other 7 shorthand signs of Newbold's discovery all fit the same general character of the first 15, and were used by Bacon to fill out the Greek shorthand, which was lacking expression. Newbold continued by employing the biliteral method to the converted shorthand, and found that frequency analysis of the resultant alphabet revealed it to be characteristic of Latin.

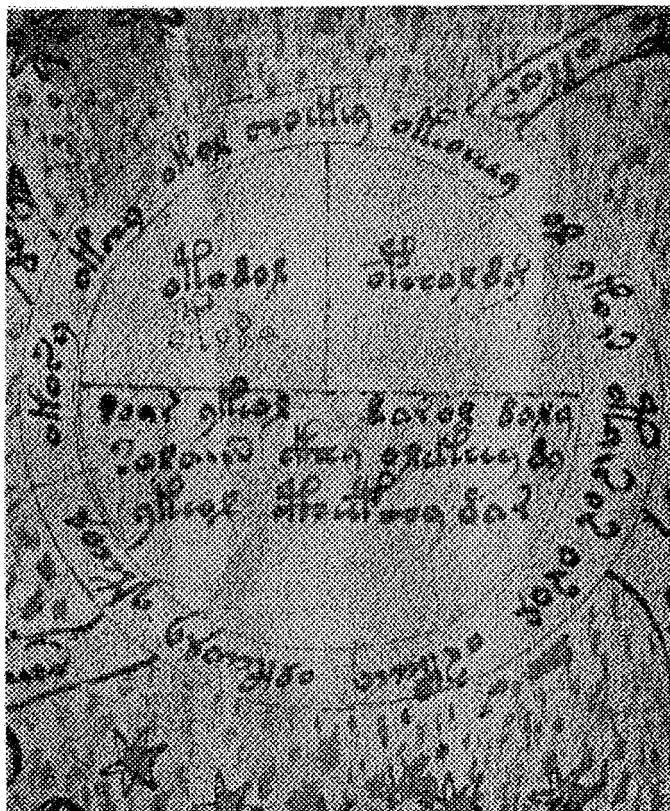
The final stage in the process of decipherment was the anagramming process. The process of anagramming texts was probably the most popular method of the day used for concealing messages, and the necessity of concealment was due to political or ecclesiastical reasons of the time, making the information unpropitious for pronouncement. It is known that the Cabalists were professed anagrammatists, and the third part of their art — *themuru* (changing) dealt with transposition and recombination of the letters of words for mystical interpretation. The fact that it was also a tradition among the "orders" can be witnessed in the works of von Bingen, and certainly in the Abbe N. De Montfaucon De Villars' "Comte De Gabalis" (*Quod tanto impendio absconditur etiam solummodo demonstrare destruere est* - Tertullian). It was even continued with the likes of Galileo (*Haec immatura a me jam frustra leguntur - oy*) Tycho Brahe (who also was at the court of Rudolph), Johannes Kepler, and many others.

At last, the plaintext began to emerge, and without going too far afield for the letters of anagrammed text. The letters to be rearranged occurred in pairs next to one another, either in direct or reverse order, and only relatively infrequently did Newbold have to go as far as three or four words ahead in order to fill in the plaintext.

What Newbold discovered in the text was absolutely astonish-

ing — enough to gather a lot of attention from the scientific community. The biological drawings in the text were described as seminiferous tubes, the microscopic cells with nuclei, and even spermatozoa. Among the astronomical drawings were the descriptions of spiral nebulae, a coronary eclipse, and the comet of 1273. One of the more baffling things about this was that many of the drawings of plants, and of the galaxies appeared to have been invented. There was no doubt that if Bacon were the author of such a text, he must have had some way of obtaining the information. For instance, Newbold's translation of the caption near the drawing of the nebula of Andromeda (which clearly shows its spiral characteristics), gave its location by the following:

"In a concave mirror I saw a star in the form of a snail... between the navel of Pegasus, the girdle of Andromeda, and the head of Cassiopeia". Now, Bacon is credited with the invention of the magnifying glass, but it should be certain that he did not invent the telescope or the microscope as many at the time of this discovery conjectured. The "concave mirror" is probably the single most important clue here. Many of the later prominent Renaissance figures would not only describe similar visions of travel to distant places, several also included such "shew stones" as their viewing apparatus. In the works of Dee, Kircher, and even the more famous Nostradamus, one will find reference to such a device, and in each case these individuals recorded the experience of visions associated with it. Some of their descriptions were later proven to be precise. The actual knowledge pertaining to



Center of the Nebula Drawing, Enlarged

the use of a device such as this is probably now lost, but in any case it is most worthy of mention considering the circumstances. Let us now turn to some of the objections to Newbold's decipherment of the MS.

NEWBOLD'S DETRACTORS — AND HIS VALIDATION

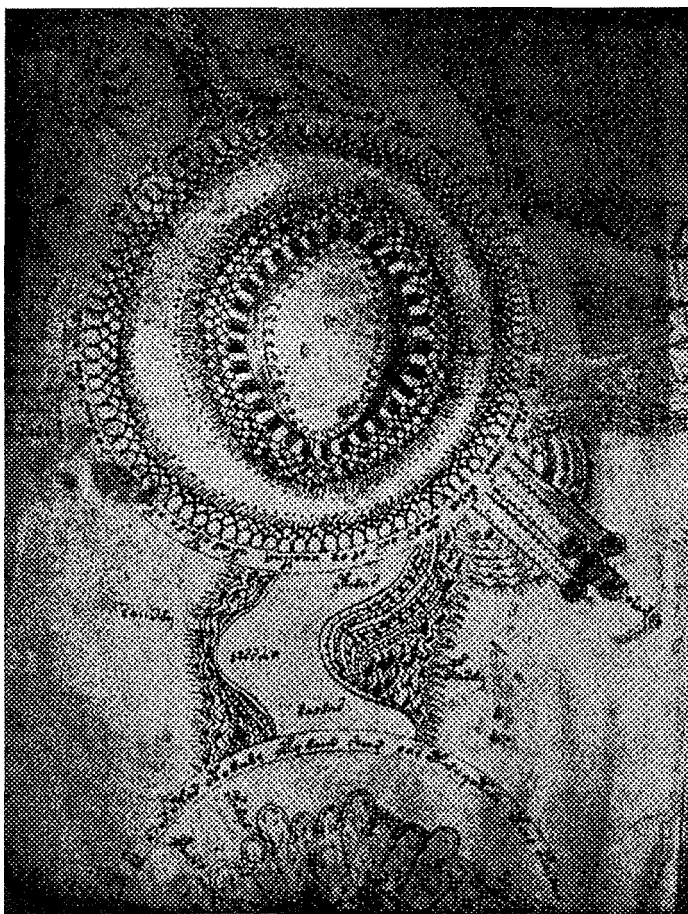
Initially, upon the announcement of his findings in 1921, Newbold received some praise for his work. Even John M. Manly, a military intelligence cryptanalyst, wrote a favorable review in *Harper's Magazine*. But, this was not to last very long, and soon the attacks proceeded. The first of such attacks came from research chemists who stated that the rough vellum surface upon which the MS was written had caused the ink to break up into spots and shadings with age. This break up of characters, they stated, was what

Newbold had actually seen when deciphering the shorthand characters.

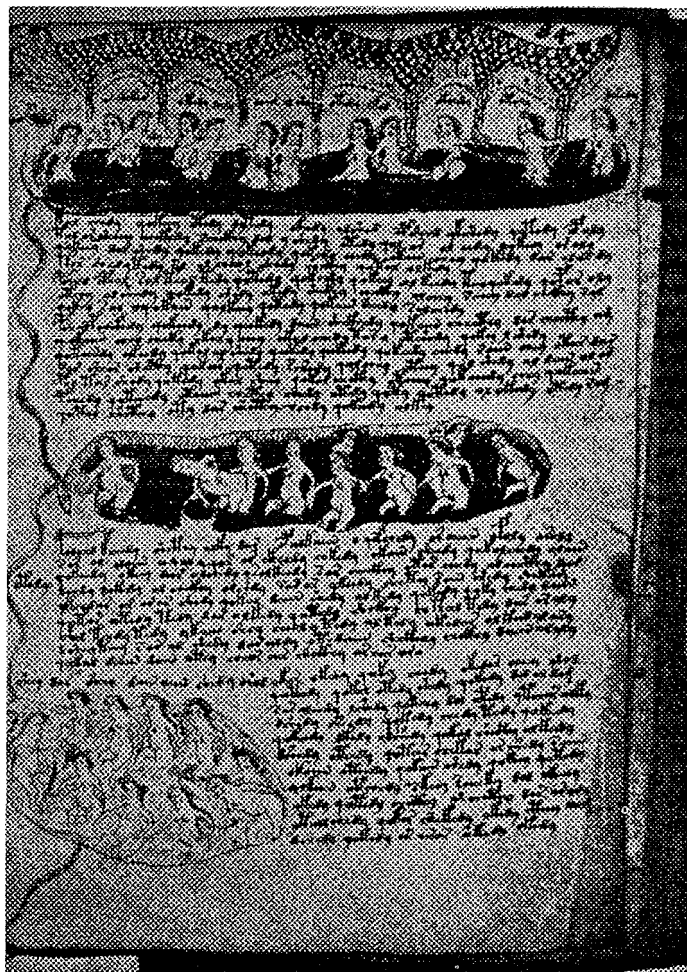
This criticism that the ink had merely broken up into spots and shadings due to age was unfounded due to the fact that many documents nearly as aged as the Voynich MS, with comparable ink, do not display cracking similar to the individual characters in the MS. Also, if the arrangement of characters was due to this breaking up of the ink, certainly more than 22 individual shorthand symbols would have been discovered by Newbold.

The next attack was concerned with the biliteral method of Newbold's decipherment. Cryptographers stated that by Newbold's methods, Bacon could not have enciphered the text to begin with. For an explanation we must refer to the detailed description of Newbold's method which will be given further on, but in any case it amounts to the fact that Bacon did not use "orthodox" methods of enciphering to which the cryptographers were accustomed.

Attacked most heavily of all was the anagramming process Newbold used. These detractors maintained that one could anagram any text into anything one chose, and that this method would not have followed the qualifications of a "good" cipher, in that the first quality of any "good" cipher is that it must convey its message with absolute certainty. Newbold's anagramming process did NOT use "blocks of 55 to 110 characters", as had been put forth by these detractors, on the contrary, it can be shown from his own notes that he was very careful in his observations:



Page of the Voynich MS - Development of the Ovum - Part of Folios 85-86



Page of the Voynich MS - Folio 84 recto

"The only indication that the recomposition is correct is the regular appearance, at intervals of NOT more than three or four words, of letter groups suggesting words appropriate, in syntax and logic, to the preceding text. If they fail to appear, if one is driven to arbitrary choice in order to make sense, the recomposition is probably **WRONG**." (emphasis mine)

I have observed this misrepresentation of facts of Newbold's decipherment in a number of works (David Kahn's gigantic work entitled **The Codebreakers** immediately comes to mind) and find it quite an admonition to any other statements made by such authors. The fact that his detractors used such methods to anagram texts into any messages they seemed fit — designed to expose flaws in Newbold's decipherment — is clearly disinformation. Newbold, by HIS method, equally tried other texts of the period including works of Bacon which were not meant to be in cipher, and while he could form Latin words for a time, he was soon left with unmanageable groups of consonants, and discontinued the experiment, as Latin requires between 40 and 50 percent vowels.

It wasn't until after Newbold's death in 1926 that more serious assaults would come. In 1931 John Manly (who earlier gave praise) published a 47 page article in *Speculum Magazine* of what he called "a detailed analysis" that attempted to make Newbold's

work seem entirely worthless. But many more would hinge their depreciations on Newbold's interpretation of the drawings contained in the MS. Most said that the biological pictures were cabalistic (they certainly were!), symbolic, vague, and capable of various interpretations. I must note that I personally have given these biological drawings to persons well credentialed in the field of Biology, and asked them to give me an explanation of what they see in them. In every instance, and without any prior knowledge of the MS, they have given descriptions which very closely resemble the deciphered interpretations of Newbold.

Other assailants made particular note of the drawing which represented the nebula Andromeda. Based on the fact that the spiral nebula in Andromeda lies edge on to earthly observers, Bacon would have had to have an incredibly powerful telescope to view such a thing. But, as we have noted, no one is claiming that he did.

It may be deduced from these painstaking onslaughts that maybe these assailants felt it was necessary to hide the true nature of the work. In Manly's 1931 article, he blatantly reveals his real concerns with the warning to all that, "these results (of Newbold's) threaten to falsify to no unimportant degree, the history of human thought." Kahn, in **The Codebreakers**, devotes several pages to the MS decipherment, and groups Newbold into a category he later describes as oddballs and lunatics who believe in such things as the Hollow Earth, dowsing, Atlantis, flying saucers, and radionics.

Of course, the depreciated Newbold decipherment did not discourage others from attempting to figure out the MS, and a few of the arguments put forward may have been somewhat conceivable. In 1944, Professor Hugh O'Neil, a botanist at the Catholic University of America, offered evidence that the MS could not have been written before 1493. He observed that the drawings in the MS include the likes of the common sunflower, and Capsicum, both plants native to the Americas which according to him, were unknown to Europeans before the return of Columbus from his second voyage. We needn't go into the Columbus discovery here, as historically it is well known that he was hardly the first to venture to the Americas.

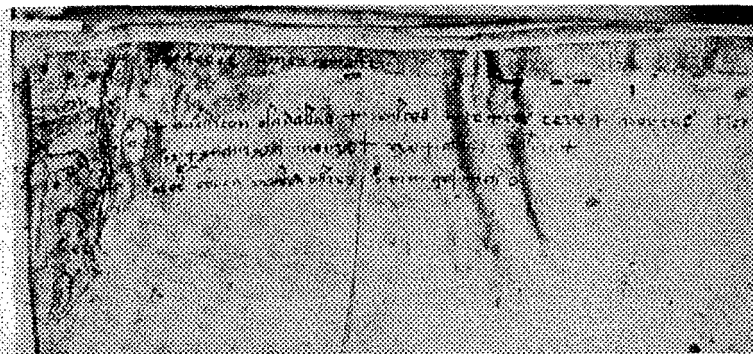
Not long after O'Neil's observations, Dr. Leonell Strong, a cancer research scientist and amateur cryptographer, took on the project of deciphering the MS. Fancifully boasting that he could "unravel" the secret of any cipher, Strong said that the solution to the MS cipher was a "peculiar double system of arithmetical progressions of a multiple alphabet". Even here, there was a great similarity to Newbold's system, but Strong altogether bombastically stated that the plaintext revealed the MS to be written by the 16th century English author Anthony Ascham, whose works include "A Little Herbal", published in 1550. Although the MS does contain one section resembling an herbal, it is unknown

where the author of "A Little Herbal" would have obtained such literary and cryptographic knowledge.

The speculation of William F. Friedmann, another military cryptographer, was that the MS was actually a text in an artificial language, and may have held some merit if it were not for the fact that he was also responsible, and instrumental in the demolition of Newbold's theory (again, after Newbold's death). But, he, too never went any further than this simple hypothesis.

Many others have invented their own versions of decipherment of the MS, but all of them fall short of making anything intelligible out of the mysterious characters. To the cryptographic orthodoxy, the MS is still "undeciphered". I believe many have merely taken the disparaging words of others as proof that the Newbold solution is bogus, without actually examining the specifics. Had Newbold been a rank amateur with nothing but this

decipherment for credentials, it would certainly raise some doubt. But, Newbold indeed practised his techniques on similar manuscripts such as the Tironian signs of the so-called Vatican Document (which I won't detail here as it would necessitate the space of an entire article in itself) and many others. It is most probable though, that the Voynich MS actually cost Newbold his health, both physically and mentally. In the latter days



Facsimile of the Key found on the last page of the Voynich MS

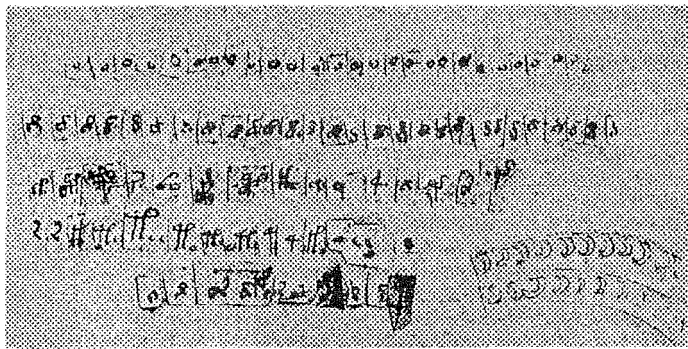
of his work on the MS he began to grow weary and would often restructure his entire method without any sense of reason. Still, the heart of Newbold's inspiration lies in his initial work on the MS, and there has not been anyone since who has even come close to the original genius of his solution to "the most mysterious manuscript in the world".

NEWBOLD'S DECIPHERMENT IN DETAIL

The system of ciphers as used in the Voynich MS is based upon 2 distinct forms. The first is the "shorthand form", and the second being the "Latin form". We will start by detailing the Latin form, as it would have been the first used in encipherment.

The Latin Form

Bacon's fundamental objective in the Latin form was to construct a cipher which would present no indication of being a cipher at all, and hence, arouse no curiosity, and prompt no one to attempt its decipherment. It will be seen that in the event the reader would choose to undertake decipherment, h/she should be well equipped. A good knowledge of Latin is essential, but one must be versed with the styles of mediaeval Latin, as found in virtually all manuscripts of the period. The majority of words were never written out in full, and remaining letters were supplemented by a complicated system of abbreviation symbols by no means free from ambiguity. An example of this, taken from Bacon's *Perspectiva*,



Characters in the Voynich MS

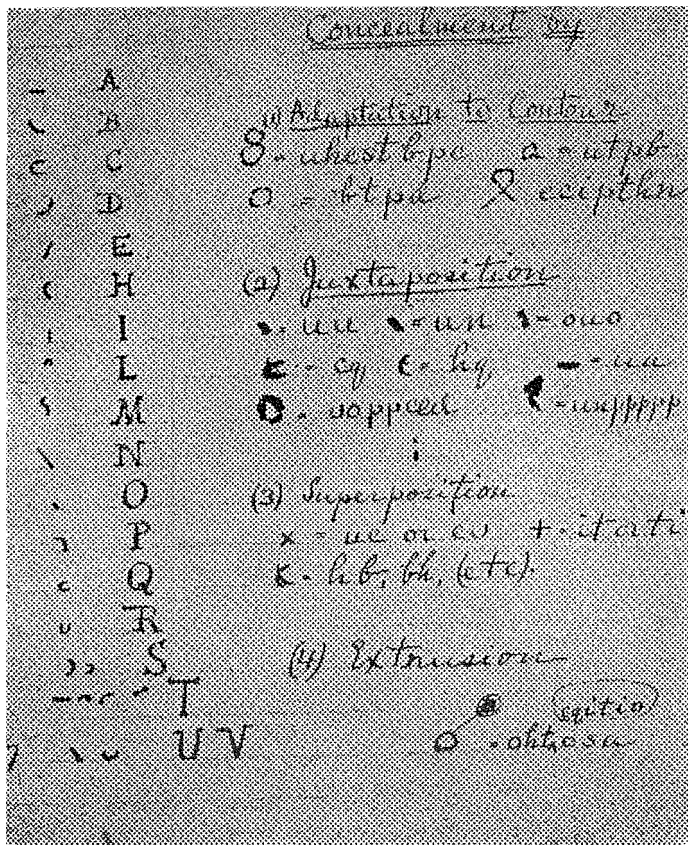
is seen below with the lines translated into fulltext beneath them.

De visione fracta maiora s.t Na. de facili p..et per canones
De visione fracta maiora sunt; nam de facili patet per canones

supr.d.c.os quod maxima pos...t apparere m...ma & econ..a & l.ge
supradictos, quod maxima possunt apparere minima, et e contra, et longe

distan..a videbu.t.r propi.q..ssime & econ..a Na. possumus sic
distantia videbuntur propinquissime et e converso. Nam possumus sic

fig.rare perspicua & tali...r ea ordi.ari r.....v n...ri visus
figurare perspicua, et taliter ea ordinare respectu nostri visus



The Shorthand Characters and their Method of Concealment

& rerum quo frange.t.r radii q.orumcunque volu.rimus & ut s.b
et rerum quod frangentur radii guorsumcunque voluerimus, ut sub

quo vider.mus Na. dista.cia n.. facit ad h.ius.... visiones n..i
quo videremus, nam distantia non facit ad hujusmodi visiones nisi
etc.....

Although this is not necessarily the order in which the text appears, generally some 30-40 percent of letters are indicated by abbreviations or omissions. Mediaeval scholars accustomed to this may have no difficulty with its translation, but even excellent students of Latin have been troubled by this.

Let us now continue with the cipher. We have already discussed the alphabet used earlier;

a b c d e f g h i l m n o p q r s t u v y z

Each letter is combined with each other letter in the alphabet as follows:

aa ab ac ad ae af ag ah ai al am an ao ap aq ar as at au av ay az
ba bb bc bd be bf bg bh bi bl bm bn bo bp bq br bs bt bu bv by bz
ca cb cc cd ce cf cg ch ci cl cm cn co cp cq cr cs ct cu cv cy cz.....
etc.....

and on to z to form 22 alphabets composed of 22 pairs of letters, a total of 484 biliteral symbols composing Bacon's primary alphabet. Very shortly before Newbold's death he would include "k" in the alphabet, but it only figured rarely, and was not even really necessary. Now the biliteral alphabet contains all the possible pairs of letters which occur in the Latin alphabet, and some that do not such as bg, cz, and zf. In typical biliteral fashion, the pairs are now assigned to singular alphabetic values to build up other Latin words. The next step is to strip any two consecutive pairs of letters in the biliterally composed text (within the same word). The first pair must end with, and the second pair must begin with the same letter, and these repeated letters are then omitted from the biliteral word. For example:

or - ri - it - tu - ur

would be assigned to the alphabetic values:

or - ri - it - tu - ur
U N I U S

If the repeated letters are omitted, one has the Latin verb *oritur* for the covertext. While it may be possible to write two or more words in proper grammatical relation, it would be impossible to write continuous text of any length that would make sense. At this point, many of the biliterals were assigned additional values.

Next, the 22 letters of the ordinary alphabet were reduced to eleven on purely phonetic principles (Bacon gives the basis for this simplification in his **Oxford Greek Grammar**, pp 48 ff.), and thus approximately doubles the total number of symbols available for representing each individual letter. Four letters only, of this new alphabet, have but a single sound, *a*, *t*, *m*, *n*. Of the vowels, *i* and *y* are regarded as a single letter, and *o* and *u* are regarded

as a single letter; *v* is not distinct from *u* any more than *j* is distinct from *i*. Of the consonants, the labials *p f b* are taken as one letter; so also the dentals *t d*; the gutturals *c g k q*; the liquids *l r*; and the sibilants *s z*. The letter *h* is omitted except in the words *mihi* and *nihil*, which are written *mici* and *nicil*. Instead of *x*, *cs* is used invariably. Thus the phonetic alphabet comprises the following eleven letters:

a b-f-p c-g-k-q t-d e i-j-y I-r m n o-u-v sz

The following table details the alphabet and its total number of equivalent symbols:

Phonetic Letter	Total Number of Symbols Having this value
A (= a)	78
P (= b f p)	39
C (= c g k q)	125
T (= d t)	65
E (= e)	116
I (= i j y)	106
R (= I r)	143
M (= m)	130
N (= n)	92
U (= o u v)	132
S (= s z)	73

The Script Form

After the text was enciphered using the Latin form, it was then replaced by a superficial system of seemingly alphabetical symbols:

8 o a c u m k i 2 7 7 9

These signs are actually made up of the shorthand symbols discussed earlier, and are composed of individual strokes of the pen. One should refer to figure at left for the actual table of shorthand characters and their values. Since *t* is expressed by 4 symbols, and *u* by 2 symbols, there are a total of 22 individual signs. When reading the characters, one should start at the lower left, and proceed upward following the ductus of the pen.

Summary of Newbold's Methods

For the deciphering of the Latin texts, four processes must be applied:

1. Syllabification: Double all but the first and last letters of each word, and divide the product into biliteral groups or symbols.
2. Translation: Translate these symbols into their alphabetic values.

3. Reversion: Change the alphabetic values to the phonetic values, by the use of the reversion alphabet.
4. Recomposition: Rearrange the letters in order, and thus recompose the true text.

For the reading of the cryptogram or shorthand texts, there are six processes in the interpretation:

1. Transliteration: Identify the shorthand characters and transliterate them in order.
2. Syllabification: Double all but the first and the last character, for there is no word-division; and arrange in biliteral symbols.
3. Commutation: In any symbol where the second letter is a commuting letter, namely *conmuta* and *q*, change the prior letter by the conversion alphabet; where the first letter is a commuting letter, change the second by the reversion alphabet; where both are commuting letters, change both in the ways just stated.
4. Translation: Assign to the commuted symbols their alphabetic values.
5. Reversion: Change alphabetic values to phonetic values.
6. Recomposition: Rearrange the letters in order, as with the cipher Latin.

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CELESTA MOBILIS

Quantitative inertial science has built for itself a grand theory which supposedly explains all the observed celestial movements. Modern astronomy satisfies itself by explaining that certain fundamentally observed celestial movements are optical perspectives resulting from earth rotation and revolution.

Quantitative inertial science explains the eccentric planetary sky courses as complex perspectives which result from combinations of planetary movements and earth movements. Inertial theory constructs reference frames and perspective motions in order to define celestial "behavior"... or "nature".

Quantitative inertial science moves all the heavens and earth in order to explain observed celestial movements and symmetries. It sets the heavens aquiver in order to "explain" what sight and sense define.

What inertial science has never satisfactorily explained deals with immediate experience. The question which we are asking here is best stated by children who state with incredulity:

"If the earth IS moving... why then do I NOT FEEL IT?"

We must realize that IF the earth is moving... then physical points (located on its supposed curved surface) are necessarily being DISPLACED with even greater rapidity as a specific spatial deviation. If this deviation is large enough... then it must be felt as a falling sensation despite gravity.

TERRA MOBILIS

If we accept all the quantitative evidences which several centuries of geodesy has accumulated then we reach a most startling revelation in several simple mathematical steps.

We take the equatorial earth radius, 3963.221 miles and calculate the equatorial earth circumference to be 24911.22191 miles. Earth rotational time is taken to be 23.9344694 hours per rotation. We therefore calculate that the earth rotational speed is .28913735 miles per second displacement at any equatorial surface point.

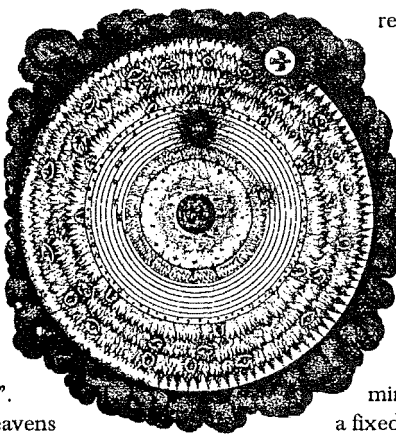
DISPLACEMENT is the essential term which we will examine here. Not to comprehend the meaning of DISPLACEMENT is to miss the central revelation of these investigations.

Our desired mathematical goal is to determine the actual physical displacement which a sensing organism (on the equatorial surface) experiences. We wish to clarify the maximum displacements which are possible on the (supposed) globe.

If such displacements are sizable then they must be subjectively (and continuously) sensed throughout the day. After all... if we are "riding" the surface of an immense ball through space... then we must feel the "shifting" or "drop" as we continuously readjust spatial position from second to second. Trigonometric determinations give us the actual "drop" every second as we (supposedly) "hurl through space... unfeelingly".

We must first determine the actual equatorial speed which any of us SHOULD feel. I say SHOULD feel... because we are dealing with an angular displacement and not a linear velocity. Our subjective senses are extremely precise in (survivalistically) sensing all and any slight spatial displacement. While we might not be able at all to sense constant linear velocities we do sense continuous angular displacements however slight.

If the earth is rotating we need to know its actual speed... and



recognize that this speed is one whose direction continually shifts with every new second. Slight directional changes produce mild nausea... despite gravity. Gravitation never cancels out the sensations produced by any angular displacement even when the two coincide (as they do on the earth's surface)... a fact which academicians conveniently fail to address.

Gravitation does not neutralize the sensate spatial displacement on the surface of so huge a mass as the earth. Gravity focuses on the (supposed) earth center. Angular displacements focus on each tangent to the curved earth surface... an enormous thrust.

The actual speed of equatorial rotation is determined as .28913735 miles per second. Were we to hang a fixed pendulum in space over any specific spot we would

measure it as moving away from us at little more than 1/4 mile displacement per second. This is no small velocity of which to speak. The point we wish to con-

sider is not the constant speed of rotation through space... but the experienced DISPLACEMENT along any tangent to the surface. This is the value which triggers nerves and survivalistically protects us from "falling".

The significance of this calculated value cannot be underestimated (as historically it has been). If the earth is rotating... then we SHOULD feel the displacement every second. If we are rotating then we should SENSE the speed because of the displaced "drop" across space from any point. After all... if you are facing any one particular point in space and are moving with such rapidity you should experience the very slightest physical divergence FROM that faced direction. This displacement produces a "headlong" feeling across a certain (calculated) space.

Earth rotates 360 degrees every day. Earth rotates .0041666 degrees every second. We examine a slice of equatorial earth and construct a right triangle. We know the hypotenuse of this triangle as the earth radius. We know the angle from earth center as 1/2 the angular rotation per second... which is .002083333 degrees per half-second. The sine of this minute angle is accurately determined to be .000036177 and is the most crucial term in our discussion. The accuracy of this constant determines the purity of all our subsequent calculations.

Applying the sine formula to this huge right triangle gives the value of the chord section A as .143377446 miles. Calculation reveals that the surface curvature is .144556867 miles. How curved is the surface curvature? There is a supposed 2 foot "drop" per mile tangent on the earth's surface. We may therefore neglect the curvature across this surface section... since it amounts to .289113734 feet... less than 3 inches.

We then construct a second right angle triangle. We take the "across the ground" distance per second as the hypotenuse. We measure the displacement as a "drop" from that surface... to chord A. Using Pythagoras' equation, we determine the actual "drop" from curved surface to chord A as 1075.018618 feet... a staggering large value!

If we are displaced from our physiological center in any space at the rate of 1075 feet per second then we should all CONTINUOUSLY FEEL the displacement. But... we do NOT in fact feel any such motion.

If the earth's angular displacement is large enough... then it must be personally felt. Not sensing such a pronounced displacement is extremely significant... and devastating to quantitative heliocentric theory.

Experience is caught between accepting quantitative inertial measurements or qualitative sensual experiences... a decision which forever dominates our being and determines what our experiential reality will be.

EIDETIC GEOCENTRISM

Gerry Vassiliatos

Clips, Quotes & Comments

Clips, Quotes & Comments was originally a separate publication of correspondence to and from Meade Layne concerning articles and ideas expressed in the *Round Robin*. Riley incorporated both publications into *The Journal of Borderland Research* in 1959. When I took over I continued on, but changed the name of *CQC* to the *BSRF Bulletin Board*. I have decided to go back to the original name for this column. It is a fitting title for the forum.

Thomas J. Brown, Editor

CROSSROADS OF SCIENCE & SPIRIT

I am a senior 85 years young this month (February). I enjoy very much your constantly improved publication, and would not be without it.

It is really the best at the crossroads of science and spirit. Keep up the great work and best wishes.

T. Darau

Philadelphia, Pennsylvania

Thank you for your kind words. We couldn't do it without your support. Our readership crosses age, race, political and geographical boundaries ... this magazine goes to open-minded readers on six continents, and we appreciate hearing from you all. It is near impossible to keep up with all the correspondence coming in but we do our best and read it all, so even if your letter doesn't appear here or get a personal response it may very well influence our direction ... as many letters have. When Riley Crabb left in 1985 he said that far from evaluating all the information coming in he barely had time to stack it up. The same is true today, but we do read all letters.

BOWING OUT!

Sorry, but I'm bowing out.

At my stage in life my mind is so occupied with projects that really matter, that really work, that I have little time for anything else...

I wish you well in your pursuits

Roy McLellan

Reno, Nevada

Gee, and after fifty years of publication we thought BSRF was on to something! As I remember this gentleman quit once before ... in 1986 when we ran the article *HOW OZONE AND PENICILLIN WORK ON AIDS* by Al Zock. He couldn't believe we would print such nonsense as calculator masturbation indicated that we would all be dead by 1993! Years later he called and admitted that we were on the right track with that article. Actually we were the first to publish that information in English giving birth to Ed McCabe's groundbreaking book *Oxygen Therapies* and his further tremendous global effort to promote this information. That article also connected us with Joan McKenna and sent

her on a global search for hard medical data empirically describing the connection between syphilis and AIDS and the use of aqueous penicillin in treating it. Heck, and that was just one article! Anyway, Roy, we wish you well in your pursuits. Give us a holler if any of your projects provide verifiable evidence that they really work and we'd be glad to give you space to promote such. And remember always that old adage: Never argue with a man who buys his ink by the barrel!

METAL POWER

Thanks for reprinting the chapters from my book [The Metal-Planet Relationship—A Study of Celestial Influences, BSRF, 1993] in your esteemed Journal. I'm hoping that there will be a reader with some training in chemistry who wants to have a go with the experiments. I'd be glad to assist with any advice it were required.

Yours sincerely,

Nick Kollerstrom

15, Cooper Road

Guildford, Surrey

ENGLAND GU1 3LY

We have been in touch with another person who has worked with these sensitive crystallization experiments, David Solte. David has sent us some extremely interesting information on another subject (Scorpionic America) which we will get into in the future. The hopes of publishing information such as Mr. Kollerstrom's is that it will stimulate further experimentation and information exchange. Basically, Nick has carried on from Lilly Kolisko's experiments wherein it was scientifically described how the planetary positions have a direct effect upon the crystallization of metallic salts—a mind-boggling concept which leads us into profound understandings of how the universe works. We highly recommend *The Metal-Planet Relationship* as a high quality piece of research ... that is why we published it.

CIBOLA CONTROVERSY

I suggest that it was inappropriate for Mr. Baran to inveigh against my book, THE LOST CITIES OF CIBOLA (BORDERLANDS Vol. I, Number 1) since

he had obviously not bothered to read it. If he had read it then he would have discovered that I did not start by assuming a fourth dimension of space; instead, I deduced this fact of nature from palpable evidence which admits of no other interpretation. Against such evidence Mr. Baran's prejudices carry no weight whatever. I challenge Mr. Baran to examine this evidence for himself (specifically in my Chapters 7 and 8), and then let him offer to your readers some alternative interpretation of it. I shall confidently leave it for them to decide which of us is correct.

Yours very truly

Richard Petersen

Phoenix, Arizona

The reason that we have promoted *Lost Cities of Cibola* is because it is a brilliant piece of extrapolation, that of deducing an unseen dimension from *physical evidence*. To counter this theory the evidence must be examined and countered with better information. I'm sure Richard would be as happy as anyone to continuously be able to refine his information input. I agree that Michael Baran's complaints against *Lost Cities* appear to be based on prejudice for his theories, rather than on a rational examination of the evidence. We hope that Michael actually reads the book and provides us with his enlightened commentary. We may all learn something at that point.

THE SOUND OF ONE HAND CLAPPING

A gentle movement of air and the combined sounds of millions of electrons spinning and whirling their way to ecstasy, like the celebrants in a ceremonial communion of spirit. This is the sound of one hand clapping, but what is the sound of one electron spinning?

I believe the answer to this question is the key to understanding Ruth Drown's work, as the elemental table corresponds perfectly to the 110 possible settings of the 2 most sensitive dials of her equipment (8th and 9th),

when set to measure the sound of the basic elements. As molecules and all matter are built upon the combinations of these elements, so do her rates build from here, terminating in the denser sounds of the distorted orbits of dis-function, as discovered by Albert Abrams in his Oscillophone and its tuned wires.

My belief is that Ms. Drown respected and understood Abrams' work and further evolved it to a state of perfection for the purposes required of it, and that all other researchers digressed into other areas, which, while interesting, are less effective at studying and balancing the subtle energies of the spiritual/physical entity that is man.

It seems to me that the so-called resistance wires of her instruments are actually of the nature of piano wires in that they respond to the motion of electrons passing through them by resonating at tuned frequencies (as in the Oscillophone) and that this is the key to her accomplishments—the photographs, for example. Having discovered the method of accurately recording the sound of an organism, the sound could then be converted to a pattern on film. This could only be done by having gotten it right.

I have been unable to find a builder of musical instruments who is able to reproduce this equipment based on the photographs and schematics available to me. Builders of

electronic equipment mistake the plans for something electronic and would like to build something which may work, but which would lack the grace and beauty of the original—like a guitar with cotton strings.

Is there someone out there who can provide me with either an authentic Drown machine or the information I am missing as to the nature of the wire loops on the tuning dials. What are they made of? To what are they tuned and how? How are they connected to the dials? Is the wire on each dial one continuous piece, as it appears? Is each wire different, or just differently tuned (tightened?) and how is that tuning accomplished? Were the terminals modified to accommodate the wires, as it appears in photographs of them? Having obtained the type of dials she used, it appears to me that soldering is about the only way to fix a wire to them without modification. Does anyone know the purpose of the 12 or 13 (depending on how you look at the photos/text) loops of #19 wire? I believe resistance is not as important as many may think, and that Ruth put them there for a very definite reason other than resistance.

I refer to the photos on pp. 4-5 of *The Drown Homo-Vibra Ray...*, and the modified schematic on P. 6, the footplate should connect to the specimen well, yet the text reads treatment plate to specimen well. It isn't clear to

me exactly what is connected to what, or what the purpose of the dp/dt switch is. Depending on what goes where, and whether the circuit is always grounded, things could go any of several ways.

If anyone can clarify any of this for me, it would be greatly appreciated.

Randall Prue,
Box 545, N.D.G.,
Montreal, Quebec
CANADA H4A 3P8

Thanks for your thoughtful insight and important queries. In all seriousness I always considered the sound of one hand clapping to be the ringing in the ear of the student who got the one hand upside his head for

believing he had reached enlightenment by mimicking certain antics of the teacher without any comprehension of, or connection to, the forces which brought the antics to play. I believe you are quite on track by seeing that the tuned frequencies of the Drown instruments are musical in nature. However, I disagree completely that the electron is a useful model for this type of understanding, rather it blocks the mind from understanding the true nature of what is going on in real radionic equipment. The electron is an electric particle from *beneath matter* which is created in electrical equipment, or occurs when matter decays. Modern science tells us that everything is made out of the particles manufactured in laboratory electrical equipment, but the particle theory of matter precludes completely the forces of FORMATION and the forces of LIFE which are evident all around us, and in fact even animate those who deny such things. Trevor Constable was more on track in *The Cosmic Pulse of Life* with his brilliant exposition of the etheric sciences and their relationship to Ruth Drown's and Wilhelm Reich's work, indicating that the forces *above matter* were at play in such equipment. The Drown equipment utilizes a single wire circuit, as in your understanding of the one hand clapping. However, as we have shown on lab videos (*Tesla's Longitudinal Electricity*) it is a simple matter to transmit energy on single wire circuits, without resorting to using electrons as an explanation—rather the energy is more related to Reich's Orgone. As Eric Dollard pointed out, when electrons flow the wire heats up and the electrical flow is retarded. Wire is an electrical reflector so the electricity actually flows around the wire in a complex pattern. The Abrams Electron Theory work, carried on in the *Electronic Medical Digest* (which became the National Health Federation) degenerated into praising the coming 'wonders' of nuclear medicine after World War II because they pursued the conception of electrical particles being the primary operator in radionic equipment. Ruth Drown represented a new stream, based on Abrams, but unique and creative in its own way, and using the Qabala as a basis for the number theory, rather than the atomic mathematics of modern science. There would be no doubt, though, that the modern atomic theory would relate in many ways to Drown's conceptions ... *As Above—So Below*, but in this case the *below* is an imperfect reflection. Anyway, if any readers have the equipment or information necessary we sincerely hope that they forward it to Mr. Prue so that he may expand upon his important studies and further inform us all.

N-MACHINE

No more flim-flam, The N-machine is out! In the last periodical of our perpetuum-mobile club I read that in

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Raum & Zeit Nr 63, May/June 93, the Dillingen group, who built the famous European N-Machine, says that the whole concept and set of hypothesis must be false. The info from Tewari, Trombly and our Bruce DePalma are unbelievable and filled with faults. Ewald Sawicki, the physicist, declared himself very disappointed over the manipulated test results. Result: the machine — the big beautiful N-machine they built — is available for serious test to prevent further time wasting in the N-field with N-flux and N-vibrational space D.C. I say: How open & honest ... that would never happen in modern America.

Anders Hansen
Christiania, Denmark

I've always considered the N-machine to be an important scientific device as it shows that rotating magnets create induction effects outside the currently accepted parameters of electrical induction. I've always resisted calling it a "free energy" machine as they are all plugged into the electric grid. None that I have seen have ever exhibited any over-unity effects. If anyone can prove me wrong I will be more than happy because then we will have free energy. Bruce DePalma is an excellent experimenter, likewise for P. Tewari. I find it hard to believe that they, and others, manipulated test results, but would be interested in any evidence indicating such. Their anticipated results of an idealized N-machine have yet to come to fruition with the models they have produced. We are open to further debate on the subject.

THANKS...

Thank you for publishing the notice on Riley Crabb. We met him in the early sixties in Boston.

The Nikola Tesla article & Bruce DePalma's are much appreciated.

Could not find BSRF's ZIP Code in the Journal.

Jan P. Roos
Burlington, Massachusetts

ZONING IMPROVEMENT PLAN!

Do you sell any books on how to build ozone generators? I have used the ozone producing tubes but they are not very good. I need information on cold plasma or spark gap types.

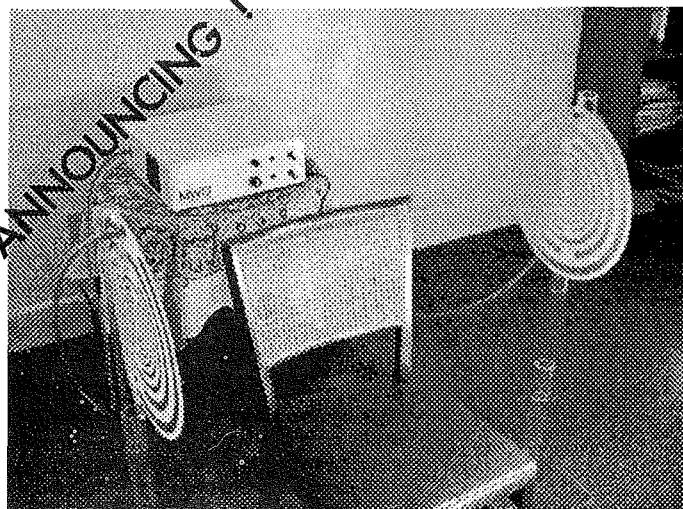
Also, tell your printer they forgot to put your Zip code in the First Quarter 1994 issue.

Thank you for your great magazine.

Allan Laviolette
Redford, Michigan

We don't currently sell any books on how to build ozone generators. We published several articles on the subject of cold plasma ozone generators around 1986, but they had neither technical building info nor equipment sources. I'll publish a good schematic if anyone sends one in with related info.

Our printer prints what we sent them. We no longer use a Zoning Improvement Plan Code on our mail, as lawfully we are not in a position to do so. Zip codes can only legally be used by federal employees and federal agents, despite what you have been led to believe. *They are internal corporate U.S. government routing numbers.* We, like the rest of the people living in any of the 50 United States, have been tricked into using them by false propaganda by the United States Postal Service and other corporate spin-offs of a cancerous and corrupt government. The U.S.P.S. Domestic Mail Manual, Section 122.32 specifically states that the use of the Z.I.P. Code is voluntary, but they neglect to tell you that by "volunteering" you "elect" to place yourself into a federal enclave, a fictitious and illegitimate



THE MOST AUTHENTIC LAKHOVSKY-STYLE MULTIPLE WAVE OSCILLATOR SINCE "THE ORIGINAL"

As a result of an 8 year research project, Lakhovsky's work is finally re-emerging in its original form. This new MWO is based on Lakhovsky's 1934 patent and eye-witness accounts of an original Lakhovsky MWO still operating in Paris, France. It is the closest replica of his device made available to the public in 50 years.

MWO Features:

Golden-Ratio Antennas:

Both antennas are silver plated and designed on the mathematics of the Golden Mean to ensure a deep interaction with the subtler forces of nature.

Gentle Action:

The high frequency electrostatic field oscillating between the two antennas is penetrating, yet very gentle, even to the most sensitive. In a dark room, a 1" to 2" violet colored corona discharge is seen coming off the outside ring of both antennas. There are no hard sparking discharges between the inner rings of the antenna, as seen in other MWOs.

Refined Circuit:

The circuit of this MWO is based on extensive research into Lakhovsky's writings, patents and working models. It operates by the technique and method that Lakhovsky intended for his own equipment. Also, it is capable of continuous operation without overheating.

Quiet Running:

The spark-gaps are fully enclosed to muffle their snapping sound and the cooling fan runs on its own power supply to ensure quiet operation.

Safe Operation:

The control panel is equipped with separate green and red indicator lights to alert the user when the power is on and when the high-voltage output is present. Each unit also comes with a completely illustrated 16 page User's Manual that fully explains how to setup and operate the MWO.

Beautiful Case:

Unlike most other MWOs built into briefcases, this MWO is fully enclosed in its own beautifully designed white acrylic case with all of the controls situated on the front panel.

These units are being made available to amateur experimenters who are interested in exploring the effects of low power, wide spectrum, high frequency, electrostatic fields.

Retail price ... \$1795.00 plus \$30 shipping and handling, from:

Big Sky Research — Tijeras, New Mexico
505-281-7554 (Please call before ordering)

"state" within one of the "freely associated compact states" whose union is known as the United States of America, and whose Constitution guarantees that no state will be created within another state unless the proper procedures are followed (which they haven't). Also, the Postal Reorganization Act (Public Law 91-375) guarantees that there will be no discrimination for non-use of Z.I.P. Codes! So if your local mailman says that your mail will be delayed for non-use of a Z.I.P. Code remind him or her that they are in serious violation of a federal law by indicating such, and would be derelict in their primary duty. Don't expect your local postmaster to know anything about the real state of affairs, they are as manipulated and misled as the rest of us, and no clear information exists in any of their current references to indicate the true state of affairs.

People of the various united States have little idea that they live (or once lived) in a complex republic, as they have been fooled into accepting that they are now in a socialist "democracy". In a republic you and I have unalienable rights ... I can't trespass on yours, you can't trespass on mine and nobody else can trespass on any of ours ... and supposedly the government is instituted to protect these rights. In a democracy six of us can take away four of yours' rights ... or we can vote to become slaves and those who didn't vote still have to go along! Hey, let's all make the world "safe for democracy"?

There are three legal definitions for "United States": First is what everybody thinks, the (now) 50 states united including the federal zone (District of Columbia, military bases, U.S. possessions and territories). This is what a U.S. embassy in a foreign nation would represent. Second is the exclusive federal zone, a municipal corporation which is not under Constitutional Common Law, but rather international merchant law, as it is domiciled *outside* the Sovereign states of the union. Third is the states themselves, legally defined as distinct *Sovereign countries*, compact states who formed a federal corporation to handle certain common affairs such as protection of common borders, regulation of *specie* (real money not bogus debt bills), post offices, etc., but who has very limited jurisdiction within the states. **Here's the big trick:** In almost all U.S. Codes the use of the term U.S. means specifically and exclusively the federal zone, external to and non-inclusive of the states. If one is asked if they are a "U.S. citizen" they usually answer "yes, and proud of it", but little do they know that if they were born in one of the 50 states they were born as a Citizen (proper noun) of that state, under the U.S. Constitution a "Citizen of [one of] the United States". When they "volunteered" (yes, you read that right) for the Social Security program they waived their primary State Citizenship and all *unalienable* rights that went with it for a federal corporate franchise, a form of voluntary servitude whose title is "U.S. citizen", and for

statutory privileges, commonly referred to as "civil rights". Thus a U.S. "citizen" is in reality merely a *corporate franchise* as corporations cannot have real Citizens! *Therefore a "U.S. citizen", a card carrying member of interNational Socialism, is a federal agent resident in one of the states, and foreign to it, and the Z.I.P. Code is their federal employee routing number.* They claim to be free, but are legally *subjects* of Congress. People who believe that they are free have in reality become foreigners in their own land — and they can't even tell it happened! As for myself I am a Citizen of the California Republic, possessing no federal employee or routing numbers. I live and work in the California Republic (not that horrible unaesthetic federal goof zone "CA") and that is where Borderlands is domiciled (and has been since long before Z.I.P. Codes). However, if due to conditioning and training you feel "safer" putting a federal employee routing number on your mail to us then the number assigned to the fictional federal overlay in our area is 95542. We won't refuse your mail addressed as such as we understand the incredible persuasion powers of the federal monster, and it will take a while to un-"educate" everyone. We will continue to use the codes as *postal codes only* on all bulk mail and other customer mail where it has been given to us as part of the address. I became aware of all this as we started getting requests about two years ago for non-use of Z.I.P. Codes. Once I found out what it was all about I was amazed and enlightened ... and a bit boggled by the sheer immensity of the fraud perpetrated on us all.

While there is a lot of information on this floating around the information backroads (the Hiway Patrol won't let this stuff onto the Information Superhighway) there is one exceptional bit of legal research on the subject entitled **THE FEDERAL ZONE** by Mitch Modeleski. This book unravels the layers of deceit using U.S. law and supreme court decisions as its basis and provides answers on how to progress to straighten the mess out. It is available for \$50pp from:

Account for Better Citizenship
c/o USPS Post Office Box 6189
San Rafael, California Republic, USA
Postal Code 94903-0189/tdc

(the tdc means that they use the Z.I.P. Code under "threat, duress and coercion" as not using may impair their mail. Personally, I'm into aesthetics and prefer the non-Z.I.P. style addresses... Heck, it's our real address!)

What does this have to do with Borderland Research? Quite a bit. We pursue knowledge that enlightens and advances people. We are into scientific exploration beyond the borders of perception, and if people are living an illusory lie then that is a primary area of borderland research. The occult connections to this illusion are many, and Trevor Constable has delineated some of them in his **Cosmic Pulse of Life**

and in the article "*What the Financial Newsletters Leave Out*" of which we have run two versions. Any related information we publish on this subject will have to be referenced in our general context, as that will never change, but will always continue to evolve and metamorphose. Also, if international socialism takes its hold here, especially through the currently used mask of "health care reform" (federal subjects only need apply), then much of what we have published over the last five decades will be classified as *illegal* information (no fooling!).

Our society is collapsing, great social pathologies exist and their source can be traced to this mysterious corporate overlay that has been foisted upon us, like ready-made fascist character armor. People are naturally scared of the aberrant and criminal beast that the U.S. government has become, but fear is the mind killer, and following that is a spiritual death. A stand has to be made somewhere. People are worried about the F.D.A., the I.R.S. and other Gestapo-like tentacles, and with good reason. They have acquiesced to a foreign jurisdiction and allowed them into their free states. The F.D.A. has jurisdiction *only* over ports of entry in the various states, unless you let them in through ignorance of the law. The same goes for any federal agency. We are not anti-government, nor are we tax-protestors, or anything even resembling such. We just want the government to do its proper job, the job its minions have a sworn duty to do — that of protecting our Rights to Life, Liberty and the Pursuit of Happiness! In fact, I really don't mind postal codes, they make a certain amount of sense in handling great masses of mail. But once awakened to a fraud only the weak and frightened will continue to obey the New World Order slave masters. Once the U.S. Postal Service assures us in writing that the Z.I.P. Codes are being used purely as a mail sorting code (to *zip* our mail) then we will place it back on our return address.

By creating a fictional overlay people are removed from direct experience of their senses and the human spirit is unnaturally repressed, causing further decay and exponential degeneration. Everything has to go through the "political correction" filter so that one's activities can be pegged to the lowest common denominator of society — in the name of some nonexistent "equality" which prohibits individuality and personal expression.

We all live in a fictional world to some degree. We have the 365 day solar calendar which starts on a cosmically uneventful day. We have the 24-hour rigid time grid which keeps us on our slave schedules (and don't forget to change your clocks twice yearly for Federal Slaving Time!). Though the current time scheme does have a useful purpose in many ways, little is known about *organic time*. Time is an organic entity, as direct experience and scientific experi-

ment have shown. I have read of experiments (exact reference doesn't come to mind) wherein it was shown that by exposing groups of growing plants to different periods of daylight it was shown that morning sun had a different effect than midday sun, and of course both were different from afternoon or evening sun. The different positions of the sun had dramatic effects on different parts of the plant organism and were quite consistent. Lilly Kolisko reported (see **The Agriculture of Tomorrow**, Kolisko Archive Publications, Bournemouth, England, ISBN 0-906492-44-0) that by crystallizing various minerals at different hours of the day she was able to establish that there were 12 daylight hours and 12 night hours throughout the year. Frau Kolisko was able to show what people had known intuitively before they were told otherwise by experts ... that the day is divided into twelve hours and the night into twelve hours, only midnight and noon are common in each day. In the winter the day hours are short and the night hours long, and vice versa in the summer. This is the organic cosmic function of time ... to relate to the experience of natural reality. The solar year in reality has no beginning or end ... it has four quadrants, the equinoxes and solstices marking the seasons. The organic year is marked by the relation of the moon cycles to the sun cycles, thus giving us what is known as the lunar year. The lunar year is an organic, functional year. Like all life each year is individual in its nature, unlike the banal solar year which is noted by a politically decided inert day in the midst of the dead of winter. Thus the sundial is a much more important instrument than anyone has considered for centuries. To hell with those atomic clocks, running on decaying matter and marching us to slavery, I like real time, Solar Time, Lunar Time. To live and grow in today's world I strive to experience and assimilate both clock time and organic time.

When people are free to think and do as they please (in a morally upright sense) then there is a renaissance of thought, word and deed ... and such is necessary to enlighten our decaying society. Riley Crabb always asked if you were "nice minded" or "right minded" when dealing with "politically incorrect" issues. I have to be right minded as my origins predate the origins of the physical universe and I shall outlast it also. The New World Order may give this physical frame a few obstacles to overcome this time around, but the fundamental purpose of life is to progress in the spirit. I can only go forward as I see, and if not *volunteering* for a federal employee routing number is part of that I have no choice but to do what is right, no matter how strange it may seem to a population who believes they are free, but can give you their slave numbers in a flash, and in fact get quite irritated when you don't take them or use them!

While this may appear to apply only to People in any of the united States it is really a global problem, because it shows that corporate "citizenship" has jurisdictions not related to land boundaries (just as the modern scientific world view bears little resemblance to the reality experienced by our sense impressions). Our readers in Europe should be especially concerned because they may one day soon become "European citizens" rather than Citizens of Germany, France, Spain, etc. And this is only a step away from "citizenship" of that most abhorrent of corrupt private corporations, the so-called "United Nations".

Have it your way folks, you have only one soul. If you remain in your soul sleep the integration of the elemental and etheric parts will reverse and you will not outlast the universe ... but will become compost for those who will come after. We have the government we deserve ... Queen Billary is a great President for the sleeping fools. As the sand figures form on a Chladny plate, so does our government form on the spiritual vibration given off by the people. Electricity has numbed the mind and drugged the soul. The public "education" process has accelerated this as it is part of the beast itself. Ah, yes, a borderland problem of great magnitude...

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by Riley & Judy Crabb

(See pages 8 to 10 this issue for lesson contents)

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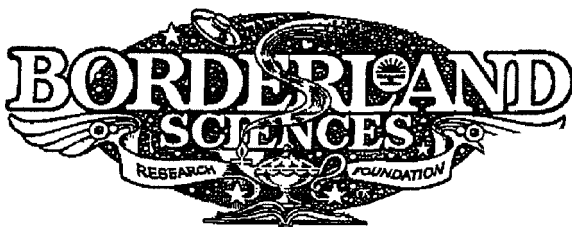
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