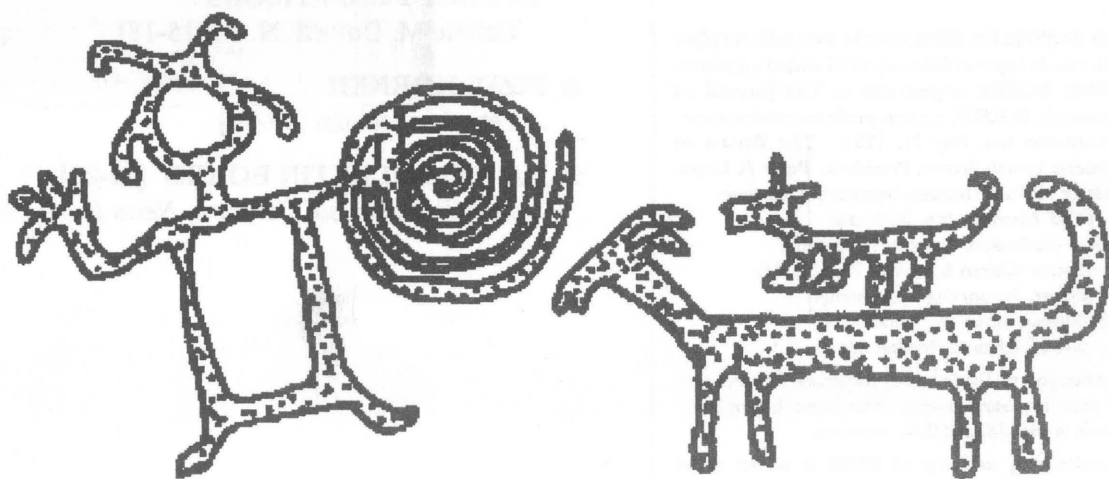


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CHACO

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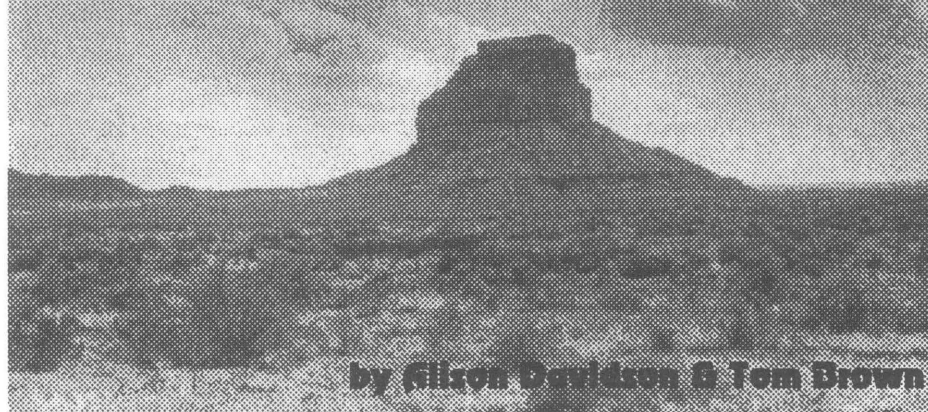
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CHACO CANYON

One of the Great Wonders of the World



by Gilson Davidson & Tom Brown

In this BSRF Desert Expedition report we continue to follow the trail of the Ancient Ones, the civilization built by those called Anasazi, a now-vanished culture who flourished in the south-western deserts of America a thousand years ago.

The ruins they left behind are evidence of an advanced race of people, sophisticated architects of multi-storied astronomically aligned buildings, creators of beautifully designed jewelry and pottery with a thriving outside trade importing turquoise, shells from the Pacific, copper bells and macaws from Mexico; a deeply spiritual people oriented towards telluric and cosmic currents that are almost imperceptible to our modern senses dulled by the impact of 20th century technology and beliefs.

Not only were the Anasazi architects highly skilled, but they had a communications system for relaying messages over a hundred miles to outlying centres. A message could be sent to Mesa Verde, many miles to the north, within seconds. They also built a vast and enigmatic highway system -- hundreds of miles of straight roads up to 30 feet wide, but no trace of the wheel has ever been found.

Little, if anything, is taught about this prehistoric civilization in our schools -- unlike ancient Greek or Roman history or other foreign implants. It's almost as though these people never existed; perhaps because they pose too many questions that even specialists in the field are unable to answer. The Anasazi draw us back to the ancient roots of this land

and the mysterious origin of a formidable intelligence. One is inevitably transfixed by a metaphysical and occult mystery that lies beyond the boundaries of rational science.

ENTERING CHACO CANYON

Fired by our previous expeditions to the vast luminous deserts of the south-west, to Hovenweep, Aztec, Mesa Verde and the ruins of other Anasazi pueblos, we set off in the

Sun Dagger alignments



spring of 1992 with several more sites planned for exploration. The first was Chaco Culture National Historical Park in New Mexico, but despite our ambitious plans we got no further; Chaco Canyon captured our souls and drew us once more into the timelessness and wonder of this ancient desert civilization.

Some 20 miles up a dirt road, impassable during the mud or snow season, the mouth of this wide flat-floored canyon opens up into looming reddish-brown cliffs and dull green brush, from a distance nothing extraordinary, nothing to mark it apart from any other canyon in the vast badlands of New Mexico.

But then Fajada Butte, the Holy Rock rears from the landscape, a sentinel to the mysteries that lie deeper in the canyon, where

the witch haunts whose name translated from the Navajo means "She who makes men thin by starving them," and where the most striking example ever found of an Anasazi solar/lunar calendar was discovered. We were told by the park rangers, a friendly and informative bunch, that it's no longer permitted to climb the butte as the environment has become too fragile, but photographs show how the solar and lunar solstices are marked on two petroglyphs, a large spiral and a smaller spiral coiled snake pecked into the rock wall. Shafts of sunlight known poetically as the Sun Dagger cast by the sun through three large vertical slabs of sandstone pierce the large spiral petroglyph during the solstices and equinoxes. This shrine is also said to mark the minor and major lunar "stand-stills" when the moon reaches its maximum northern or southern declination, about every 9 or 18 years.

Beyond Fajada Butte the surviving walls of some of the most extraordinary 'prehistoric' structures of North America still stand, the Great Houses of Chaco Canyon and the convergence of hundreds of miles of ancient roads, some attributed to known astronomical alignments, but whose function is still a mystery to archeologist and anthropologist. Being neither, we approach the mystery with open minds to record our observations and impressions.

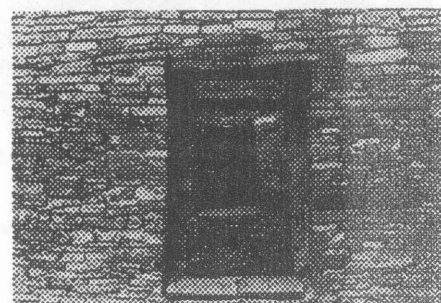
An extraordinary impulse to create...

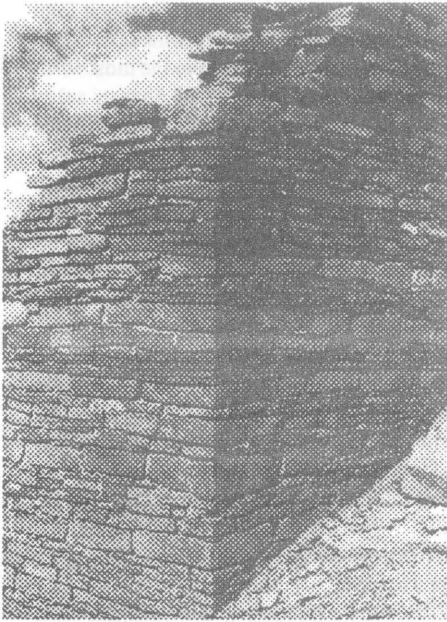
No one knows when the Anasazi first came to Chaco canyon, a Spanish name given by early explorers, or where they came from. There is no record, apart from a few petroglyphs inscribed into the cliffs, only traces of much earlier



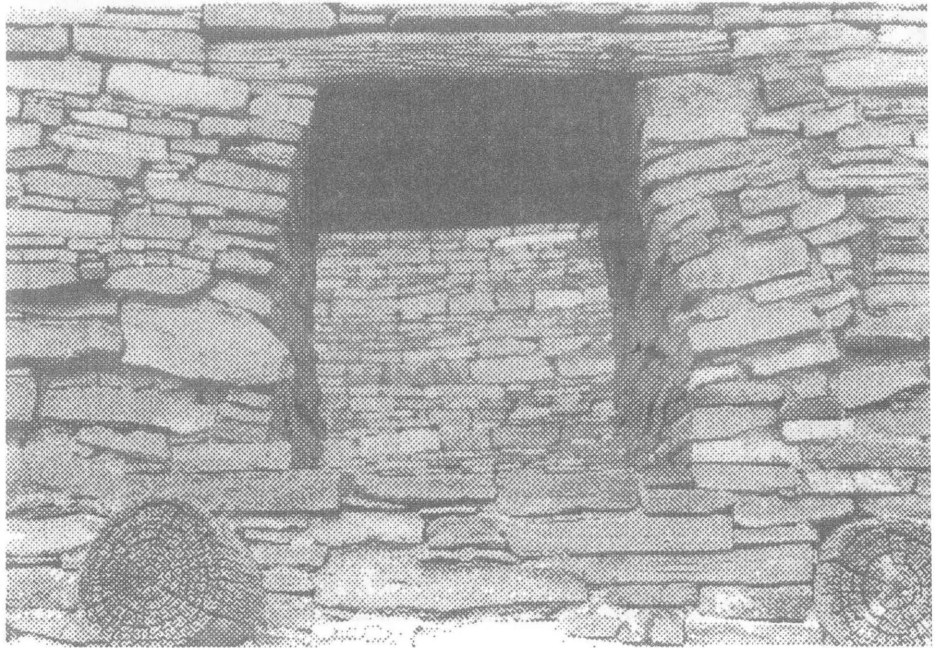
mud and wood houses dating to around 500BCE, and pit houses that began the transition to building in stone. But around 1000 years ago what is described as a cultural explosion took place. The inhabitants of Chaco

Chaco provides layer upon layer of mystery.





Above: Still sharp after a millenium, the fine corners of Pueblo Alto remind us of the high culture of the Anasazi. Roads covered on Pueblo Alto from outlying sites.

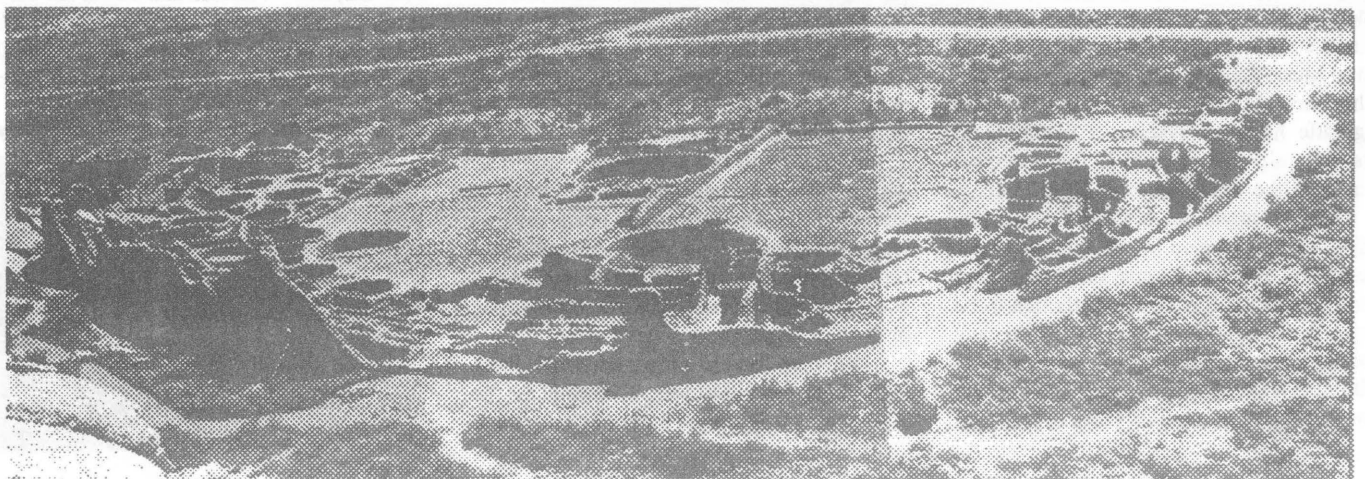


Above right: Detail of stonework window with wood beams below. Almost a quarter million such beams were used in building the Great Houses of Chaco Canyon.

Right: Mysterious petroglyphs bespeak a stage of consciousness beyond our present awareness. What do they all mean?

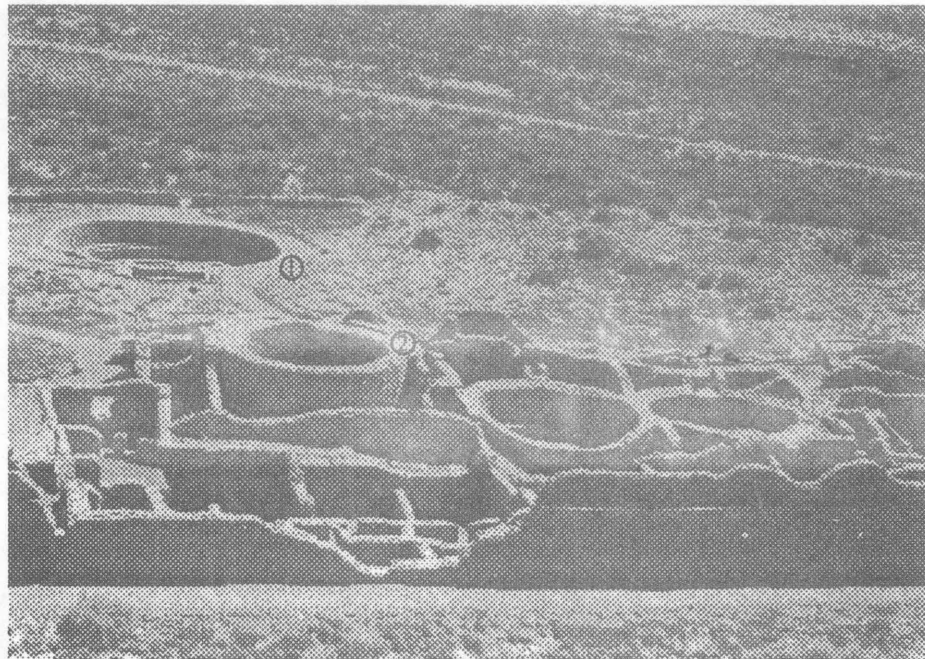


Below: A composite view of Pueblo Bonito from the cliffs above.

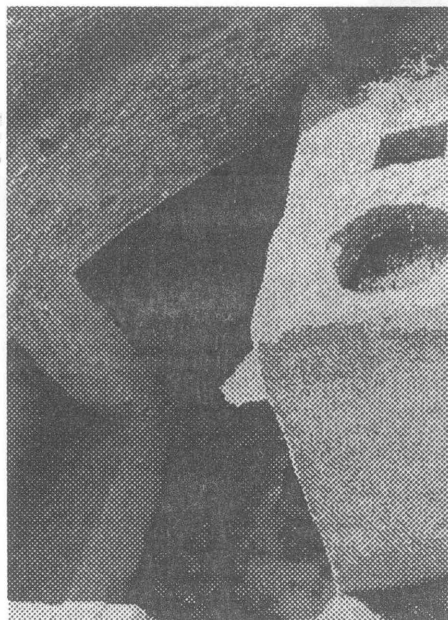


were possessed by an extraordinary impulse to create, an inexplicable dynamism to build on a scale they had never before attempted. There remains a vast enigmatic stone pattern sprawled across the desert, describing the fluorescence of telluric and cosmic forces within the consciousness of the ancient builders.

According to archeologists using a system of tree-ring dating, whose accuracy is still open to question, building began on some of the major sites around the 10th century, with the most intensive building period taking place during the 1100s. During this time Pueblo Bonito, the heart of Chaco, was built at the foot of the mesa wall. Probably the largest Anasazi building ever constructed, Pueblo Bonito is a D-shaped multi-storied pueblo with up to 800 rooms and over 35 kivas. Over three generations of remodeling and enlarging the builders adhered to a pre-conceived plan, a master plan, resulting in this awesome



Section of Chetro Ketl showing Great Kiva (1), Multi-Dimensional Kiva(2) and other 'regular' kivas, along with various sized square rooms.



Multi-dimensional Kiva in Chetro Ketl. Unique in design, its usage is unknown.

symmetrical structure that covered more than three acres, its massive rear wall originally reaching five stories high. Bonito has to be specially placed for a reason. In the vast canyon there are many places to have built, but a large portion of cliff, named Threatening Rock, fell on the ruins in the 1940s damaging the rear wall and a number of rooms. The Anasazi had built stone props in front of the rock -- they knew it would someday fall -- and prayer bundles were found behind, useful tools if you know how to use them.

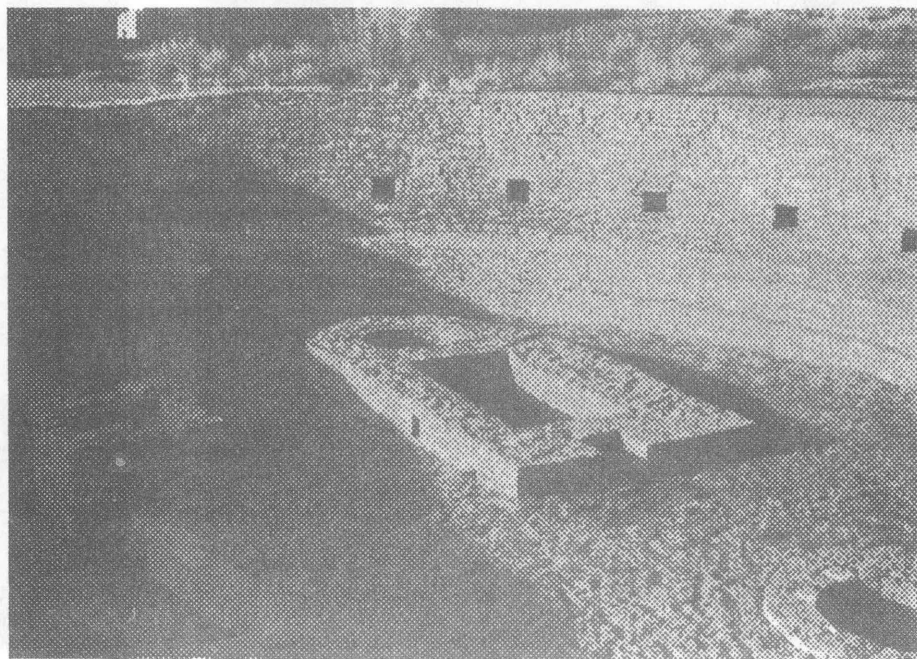
The ruins of this ancient structure cast a haunting beauty even today, as you stand on

the plaza at sunset watching the changing light turn the exquisite stonework deep rose-red, the kivas staring roofless and shadowed -- empty of all but the silent spirits of the past.

From 1025-1075 Chaco blossomed into a thriving center, irrigation canals were dug and a dozen of these multi-storied 'great houses' were built. The masonry is extremely fine, similar to the stonework we saw at Mesa Verde. Countless millions of bricks were

carefully shaped by hand, and more than 200,000 trees were brought into the canyon, over 5000 trees cut for Chetro Ketl alone! The exact site of their origin is still unknown -- the closest possibility is 40 miles or so in rugged mountain terrain -- but the logs bear no transportation scars. Some of the beam ends still jut from the masonry, but we found it hard to believe the official story that these thousands of trees were cut with stone axes to leave a

The Great Kiva at Chetro Ketl

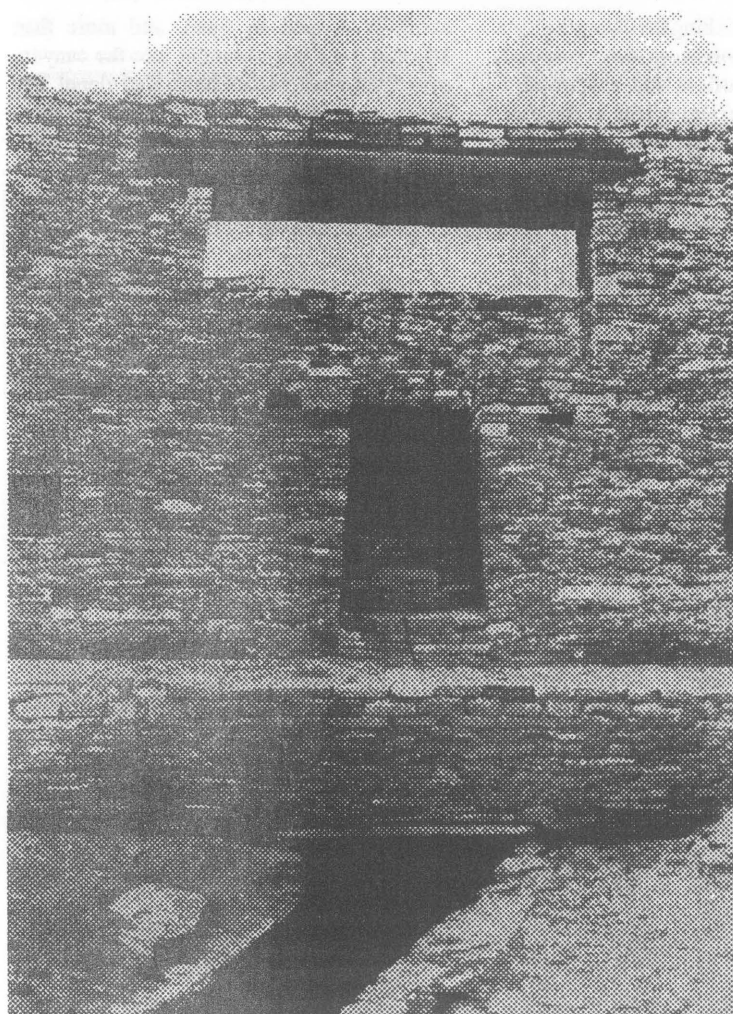




Left: Late afternoon sunlight illuminates the Great Kiva Casa Rinconada, central to the mystery of Chaco Canyon. Some of the 28 lunar niches are visible on either side of the southern entrance.

Below left: Pillars reminiscent of ancient Egypt, and a dark concealed stairway beneath the northern entrance to Casa Rinconada evoke the power of ancient ritual.

Below: Many layers and styles of masonry are revealed in this excavated kiva.



tapered butt, the ends then laboriously ground flat with pieces of sandstone. The labor involved in building Chaco was monumental; there must have been many thousands of skilled workers with access to cutting and carrying techniques that have been lost over the centuries -- and much of this frenzied building activity coincided with a period of increasing drought.

We have asked ourselves many times: what was it that inspired the Anasazi to embark on such a huge and brilliantly engineered complex, and to carry it out so swiftly? Did its origins lie in some cosmic radiation that swept through the Anasazi spirit, that reached its zenith and passed on, as the Sun Dagger pierces the heart of the spiral petroglyph at the exact time of the solstice and then fades away?

"Chaco Canyon was the exception, a supernova in the constellation of Great House/ Great Kiva clusters, rather than the sun of a solar system."

As many as 100 'great houses' have been discovered in the Four Corners area of Utah, Colorado, New Mexico and Arizona. Although these massive buildings of technically superb masonry were originally assumed to be dwelling places, it's now believed that they weren't what we consider houses or villages at all, at least not for human habitation. Only some of the hundreds of rooms revealed traces of being lived in, and the canyon itself could never have supported such a large permanent population. We were told only several hundred burials have been uncovered in Chaco Canyon and they are purported to be mostly 'ceremonial', a pattern that shows up many ancient sites in North America. What is the true purpose of these amazing buildings?

In *Roads to Center Place* Kathryn Gabriel weaves together the evidence for archaeoastronomy in Chaco, and it becomes obvious that these buildings were sacred sites with an esoteric function we can only guess at or try to intuit from the few remaining clues. Akin to the ancient sacred structures and geometry of Egypt, China, Mexico, and probably all of the megalithic stone builders, the Anasazi adhered to a cosmological architecture that fixed cosmic coordinates on earth. They were users of a sacred technology common in many aspects with the builders of megalithic ancient sites as well as the great cathedrals of Europe, like Chartres -- which was built at exactly the same time as the great houses of Chaco. Each culture produces it's own unique flavor to their dramatic expressions of universal knowledge, merging landscape with the heavens.

The solar and lunar cycles were incorporated into the buildings themselves as an internal geometry; the sun at solstice appear-



Above: Traces of the Anasazi roads can still be seen, such as this remnant of a stone curb high on the windswept mesa top.

ing along a long back wall here, the moon at standstill framed in an angled window there. Almost all of the major buildings were aligned either to the cardinal points or to the solar and lunar azimuths, for example, Pueblo Bonito is aligned to the north, Hungo Pavi, Pueblo Alto and Tzin Klitsin to the east, and the alignment was so accurate that in some cases it varied by less than less than $\frac{1}{4}$ degree from the North-South axis.

Although aligned to the same coordinates each of the 'great houses' has its own unique design, each built to its own master plan just as Pueblo Bonito remained true to a preconceived plan over generations of construction. It's very possible that other celestial alignments are yet to be discovered, such as those at the ancient observatory of the Bighorn Medicine Wheel in Wyoming, or the streets of Teotihuacan where the rising points of Sirius and other stars are recorded. As the structures themselves are oriented to cosmic geometry it would be interesting to see if their layout in the canyon is also oriented to a larger astronomical plan.

THE KIVAS

Kivas are like the vital organs of the Anasazi pubelos, circular rooms usually built below ground level, heated by a fire pit and ventilated by air shafts and with their roof-supporting pillars still evident. For the Pueblo people today the kivas are ceremonial rooms with a small hole in the floor called *sipapu* symbolizing the place of their ancestral emergence into this world. The modern Pueblo dwellers do not use Great Kivas and tell not of

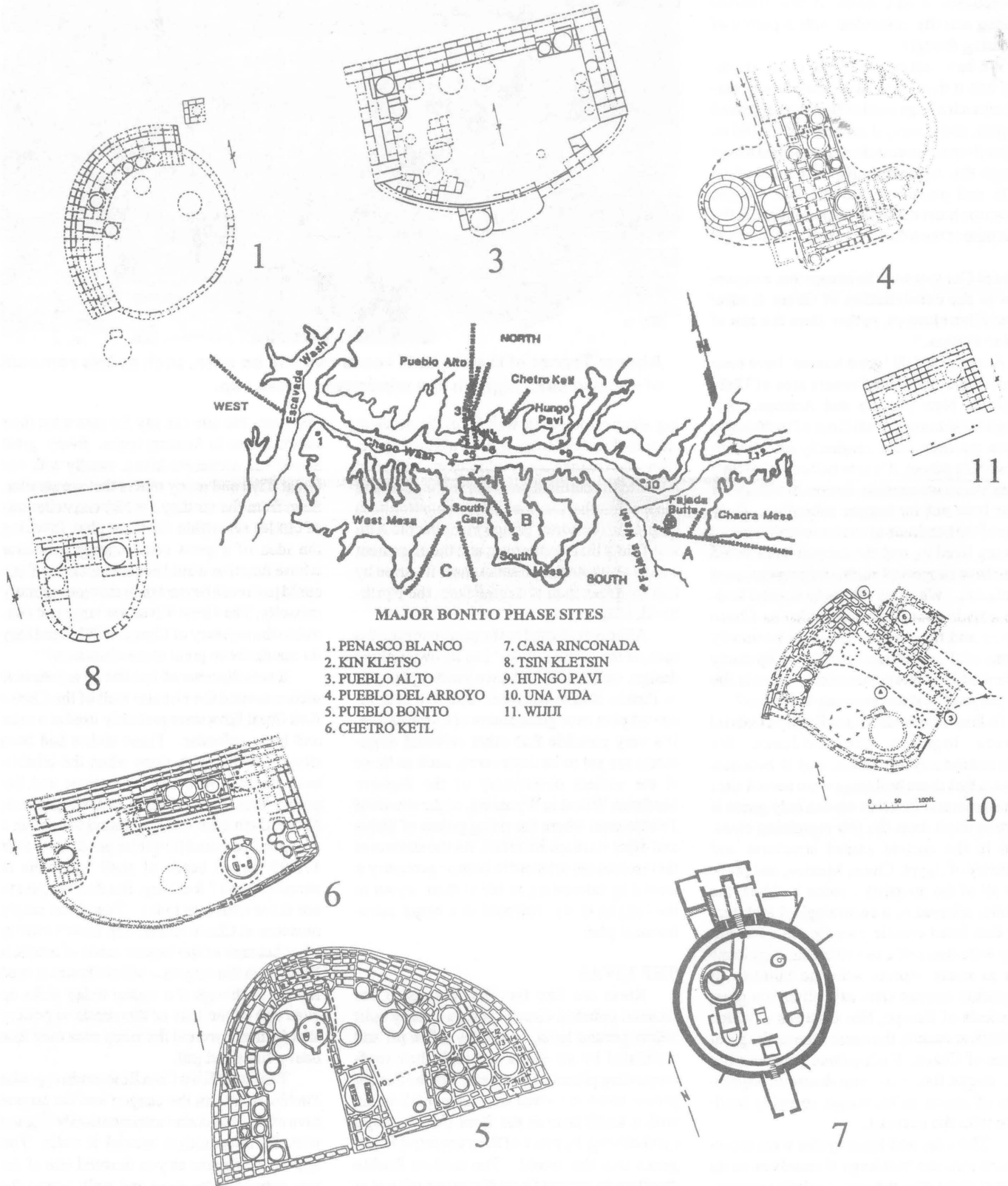
their use. No one can say for sure what their function was in Anasazi times. Every 'great house' has numerous kivas, usually with one Great Kiva and many others that are smaller. Seen from the air they are like constellations of circles set within the floor plan, invoking the idea of a great stone energy generator whose function would become familiar if one could just reach beyond their current cognitory capacity. The Great Kivas are large and central to the mystery of Chaco: "What did they do inside those great stone chambers?"

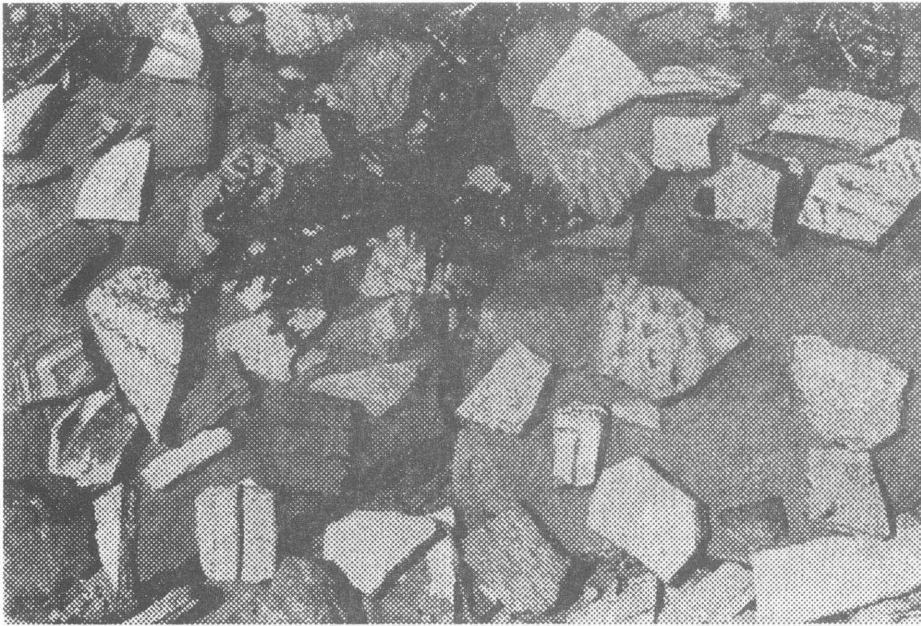
It was discovered that the 29 mysterious niches around the circular wall of the Chetro Ketl Great Kiva were probably used as a solar and lunar calendar. These niches had been ritually sealed with stone when the inhabitants closed down their operations and departed from Chaco. When archaeologists unsealed them each one was found to contain a string of beads and turquoise pendants -- over 17,000 carved beads of shell and stone in strands up to 17 feet long. But don't expect to see those treasures today. There's an empty museum at Chaco and no one knows exactly what became of the boxcar loads of artifacts lifted from the canyon -- officially sanctioned looting -- though if a visitor today picks up even one of the tens of thousands of pottery shards in and around the many sites they face heavy fines and jail.

The Great Kiva Casa Rinconada opposite Pueblo Bonito in the canyon and the largest kiva excavated is also astronomically aligned with 28 lunar niches around it walls. You appreciate its size as you descend one of the two entrance stairways and walk across the

GROUND PLAN OF MAJOR CHACO SITES

Aligned To The North





Pottery shards litter the canyon, intentionally broken for unknown 'ceremonial' purposes. Note the many styles of pottery that were brought to Chaco.

wide circular interior, as you sit on the stone bench that encircles this space, dwarfed by the high beautifully crafted masonry walls, the northern entrance with its pillars and hidden stairs reminiscent of ancient Egypt -- the same atmosphere of silent power and elaborate ritual, a place specially prepared for the visitation of unknown deities, a center of initiation and the culminating point of all the streams of energy within and beyond the canyon. The impressions are almost tangible even after 1000 years.

Casa Rinconada stands alone and apart from any other structure on top of a large earthen mound, obviously a huge prehistoric earthwork although neither the trail guide nor any of the literature we read makes mention of this. We felt sure there were further hidden underground chambers connected to this Great Kiva, perhaps like the subterranean tunnels and chambers linking buildings at Yellow Jacket ruins in Utah, or possibly like the long lost "Egyptian" cavern complex carved into a cliff face in the Grand Canyon. There was also the impression of a much greater antiquity to this whole Chaco complex than officially believed.

In a nearby ruin we saw a multi-layered kiva; it had supposedly been reconstructed over many centuries, the different levels and types of masonry standing out quite clearly, although the thought crossed our minds that perhaps all the layers were used at once. At Chetro Ketl there is an unusual elevated multi-dimensional kiva, accessible from the top or from rooms below. It's close to, and in direct line to the Great Kiva of this pueblo.

The sequence of building the sites is read in the styles of stonework. However, there is a puzzle in that the 'earliest' buildings around Rinconada are in the last-used style. We find here a mysterious cycle of activity inaccessible to holders of the standard archeological reference frame.

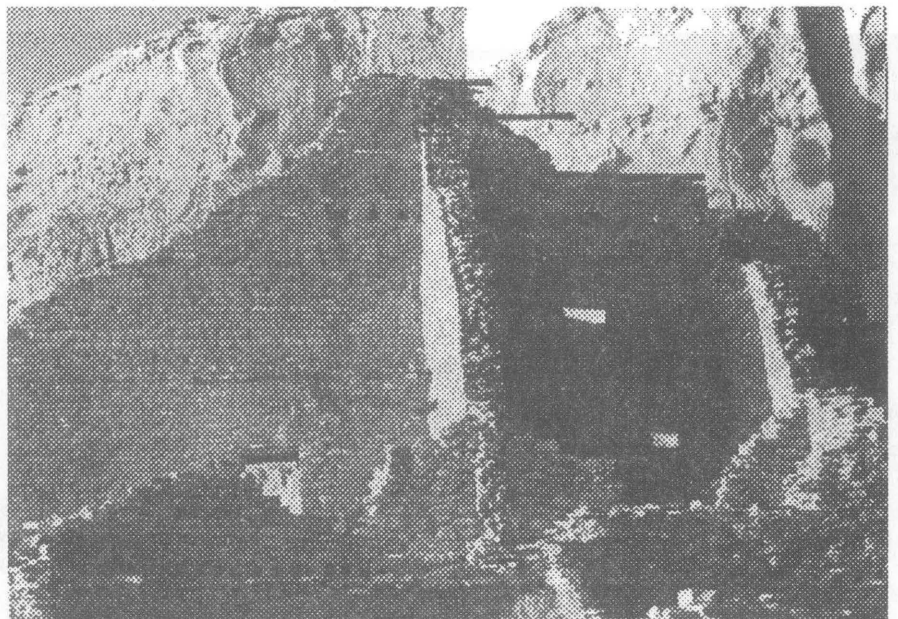
ALL ROADS LEAD TO CHACO

After climbing the canyon wall above Kin Kletso we followed a trail along the mesa top and noticed traces of the old Anasazi roads -- stairs cut into the cliff above Chetro Ketl,

mounds of rough stonework, the remnants of roadside berms, almost indiscernable lines leading far off into the distance. High on the windswept mesa top the ruins of Pueblo Alto command an outstanding view of the entire San Juan Basin. We could just make out sacred Huerfano Peak through the pernicious smog haze that obliterates the horizon almost everywhere in the desert today. Known and unknown sites dot the surrounding landscape, inaccessible to the eye and the public. In cleaner times the Anasazi had a vital and rapid line of communications established from Chaco to Huerfano to Aztec to Mesa Verde with strategically placed signal fires at night or smoke signals during the day. On Navajo radio we heard of a plan to fire up these ancient sites as part of a local research program.

At Pueblo Alto the archaic roads once converged before descending into the canyon. Hundreds of miles of these roads were built by the Anasazi and they weren't primitive trails but elaborate highways 20-30 feet wide, some running parallel in arrow straight lines across the countryside.

Pioneering a remote sensing technique involving aerial photography, archeologist and geologist Dr Thomas Lyons mapped more than 300 miles of prehistoric roads, but there could be 1500 or more miles hidden under brush and sand. Great engineering and surveying skills were involved to build these highways that continued in straight lines, even up cliffs by cutting stairways or constructing masonry ramps. An extraordinary effort was involved in these roadworks with their ramps, curbs, berms and sandstone paving that had to be carried in.

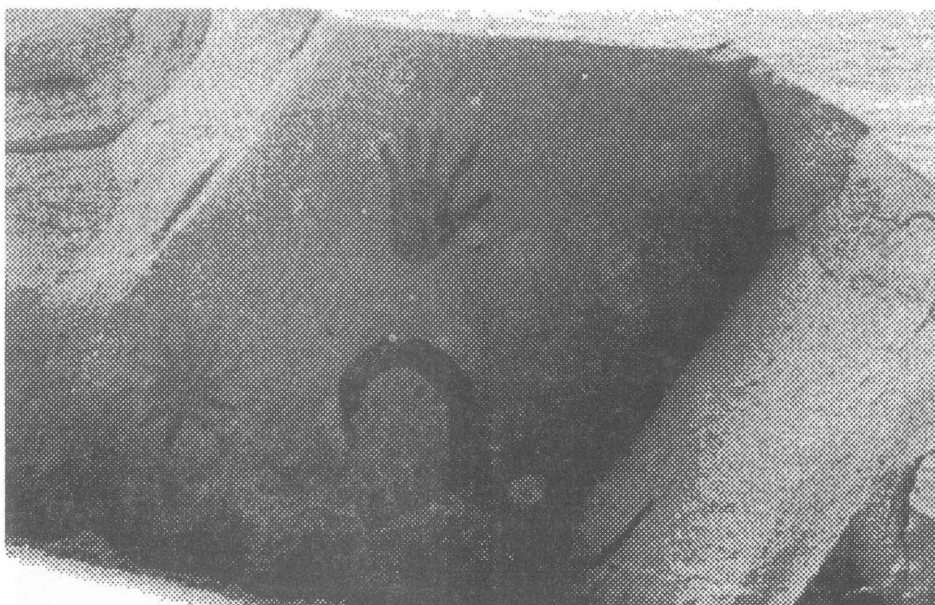


The walls of Pueblo Bonito still stand after 1000 years. How long will our own walls last?

Although some of the highways connect Chaco with outlying pueblos such as Aztec Ruins, the curious thing, and a subject of great controversy among archeologists, is that many of the roads apparently go 'nowhere'. Some lead to pinnacles, springs or lakes that now lie dry and empty, but others apparently serve no 'useful' function. Take the Great North Road for example, so named because it runs within ½ to 2 degrees of true north for over 30 miles through sage plains and remote badlands and appears to end abruptly near a small pueblo in a remote and isolated canyon.

There are endless hypotheses as to the purpose of these highways, their origins and connections with the Mayan civilization of Mexico, the astronomically aligned streets of Teotihuacan; their possible similarity to the enigmatic radiating Nazca lines of Peru, or the astonishing network of dead straight pathways linking ancient shrines in the mountains of Bolivia.⁶ The Incan roads are said to be the most similar in construction, and Borderland researcher Jorje Resines observed the similarity of Incan masonry called *pirca* with the stonework of the Anasazi. Once you grasp the extent of this highway system you can only stand in awe at such an extraordinary effort, especially when you consider that this intense activity reached its peak during a major drought in the Chaco area.

Although the highways appear to us to go nowhere -- obviously they went *somewhere* to the Anasazi. Becoming more elaborate as they approached the major pueblos they have been considered ceremonial extensions of the great houses. The earthworks, roadside shrines and a large amount of smashed pottery em-



Archeologists think this pictograph of the moon, a star and a handprint represent a supernova witnessed by the Anasazi.

bedded in the surface tell us they were ritual roads with a spiritual and magical rather than a materially useful function. In ancient times the Anasazi may have gathered from all corners of the land to take part in ceremonial processions along these roads during specific cosmic alignments. They are roads that lead not only into another time but also into an infinitely altered consciousness. The Pueblo Indian concept of roads is quite distinct from the western as Kathryn Gabriel notes: for example, the Tewa Indian word for road translates as "channel for the life's breath." It may be that these roads were channels for

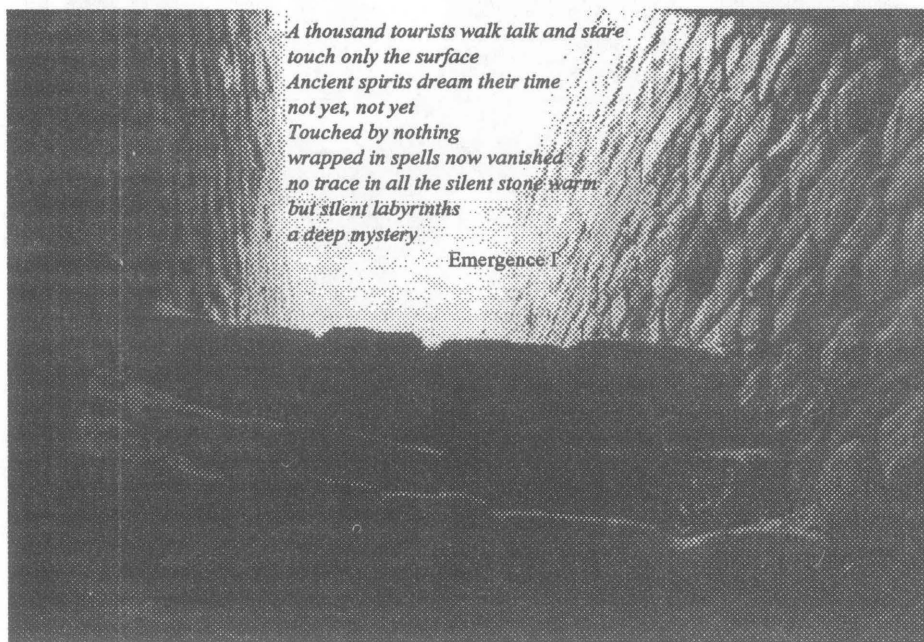
invisible energies following the ley lines, or "dragon lines" across the land; conduits of telluric energies the Anasazi could not only see but also manipulate for their forgotten purposes.

As Gabriel writes, "Ultimately, the straight road takes one back to the place of emergence. Thus the straight road becomes a circle, a snake swallowing its tail for all eternity."

Despite these amazing achievements, by the middle of the 12th century Chaco canyon was suddenly deserted. Its roads were ritually closed and the important chambers of the great houses were dismantled and burned. The Navajo who came to the area later called the roads 'tunnels' and believed them to be haunted by a monster.

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RECORDING TELLURIC SIGNALS

PART I

BY

GERRY VASSILATOS

ABSTRACT

Materials which have been buried in the ground emit audible signals. These may be monitored and recorded through conventional audio equipment. With mild amplification an unsuspected world of sounds is discovered. Each material is found to release its own specific "tone-signature", and can be identified from other materials through specific (warbling) overtones. Discussion concerning the characteristic of a primary (and indispensable) ground power follows a detailed description of the experimental arrangements by which such tone-signatures have been recorded. The "master tone-signature" of the ground is an everpresent feature in each sample and represents the generative power of the earth. An audio cassette of these tone-signatures is offered for diagnostic purposes along with a brochure.

BACKGROUND

I conducted several series of experiments (last April) in order to learn whether free electrical energies could be derived from the ground. Michael Theroux had been conducting similar (but distinct and dramatic) experiments in California at roughly the same time. Mr. Theroux suggested that I try recording the sounds I had been monitoring. This began a succession of cooperative researches between ourselves. We began encouraging each other and compared our findings with great regularity across the continent by telephone. We each found different results with the employment of different equipment. Each series of recordings made by us offers distinctive revelations of a singular primary energy found in the earth beneath.

Mr. Theroux has published his excellent and remarkable findings in a previous issue of this Journal. His excellent series of experiments and historic recordings include the capturing of two earthquake events! In addition, Mr. Theroux has monitored the "thunder waves" emanated through the human body (as receiver) when the same is part of a Vitic Battery circuit. In all of his researches the successive cascades of sounds becomes extremely evident. Whether as very abrupt "ping" sounds or as a thunderous roar, his findings corroborate the fact that spontaneous energies are entering our experiential realm as

successions of power.

Since that time several well-qualified investigators (Dan Winter and Leroy Chambers) have been studying the recordings made with our various buried probes and systems. Unexpected features have manifested their presence throughout these studies. Future articles from each contributor will faithfully report the various new details which have emerged since this time. CAUTION! NEVER ATTEMPT THESE EXPERIMENTS DURING STORM CONDITIONS!

MAGNETIC PICKUPS AS TONE-DETECTORS

In the course of designing, building, and utilizing several magnetic percussion instruments (1985), I had developed a design for making very large magnetic pickups. These were made to receive the vibrations of "struck" steel objects: chimes, discs, ribbons, and sheets. The thundering and ringing sounds produced by these objects in the presence of a magnetic field exceed their acoustic signals. I have used these in obtaining "ultra low" percussive sounds for certain special musical compositions. It was with one such pickup assembly that I accidentally recognized the presence of shrill and spontaneous "noise". It occurred to me that this noise was a possible free-energy source. I decided to examine the characteristics of sounds spontaneously produced in the pickup.

My design for the pickups is simple. I used a 2 x 4 as the mounting surface for my 16 ceramic magnets (permanent). They each measure roughly 3 x 1 x 1/4 inch in size; and are applied with epoxy to the thin edge of the mounting. I alternated the polarity of each adjacent magnet (north-south-north...) for purposes of my own. To the ends of this array I drilled and twisted simple machine screws, surmounted by very wide iron washers (3 inches diam.). It is around these end pieces (and over the faces of the magnets) that I wound several hundred turns of very thin telephone wire. These windings were terminated and soldered to a phone jack outlet (which was also glued to the board edge.)

The experimental setup required the isolation of the large magnetic pickup from stray induction fields (60 cycle). For this reason, I stood the pickup upright...behind a stone wall

(1 foot thickness) in my cellar (6 feet below ground level). The pickup was allowed to stand in contact with the ground and the wall at a slight lean-angle. I tapped the output of the pickup with an ordinary phone jack coaxial cord (20 feet). This was then plugged into a Yamaha mixing console (line level input). The tone settings were all placed at maximum level in order to receive every possible tone.

The headphones alone did not detect any audible volume (as is the case with the "whistlers" detected by Barkhausen). My disappointment required some reflection. I thought of using transformers as did Rossetti (early telephonics) and Stubblefield (earth communications); but with the mild amplification of my mixing console these strange spontaneous sounds could be raised to audible monitoring levels.

The tonal activity of such a large magnetic pickup is very shrill and ear-splitting with mild amplification. I began to focus my attentions on the activities of tone and pitch taken from the magnets. These sounds are penetrating when the high-tone setting is boosted and the instrument is properly aligned. I discovered that careful attention to the ground orientation of the apparatus was the key in receiving more powerful signals. Ground alignment and placement were an especially important and intriguing aspect of Old Wireless systems.

The input signals were excessively "hot". The sizzling and ringing sound proved to be too much for the ears. I found a surprising shrill quality which required constant attention. Fear that the channel would actually burn out was my greatest concern; warranting the lowering of the attenuators to very safe levels. A small amount of amplification brings out the shrill characteristic of sounds spontaneously emitted by the pickup. I recorded several hundred feet of tape with the pickup so positioned behind the stone wall. I was amazed by the overtones which "swung wildly" among the other received noises. It was the high-overtones which fixed my interest. These would be pivotal in my discovery later on. While the background noise was fairly powerful and constant, I found the shifting overtones at the very "peaks" of the background noise. These overtones executing a defined "warbling" pattern which mutually differs among materials.

Old wireless systems resonated considerably with ground energies much more than with the "aerial waves" they were presumed to export through space; Tesla repeatedly insisted on this fact. They were in fact modulators of a ground energy which was their principle means of signalling. The anomalous reception of signals by the old method ex-

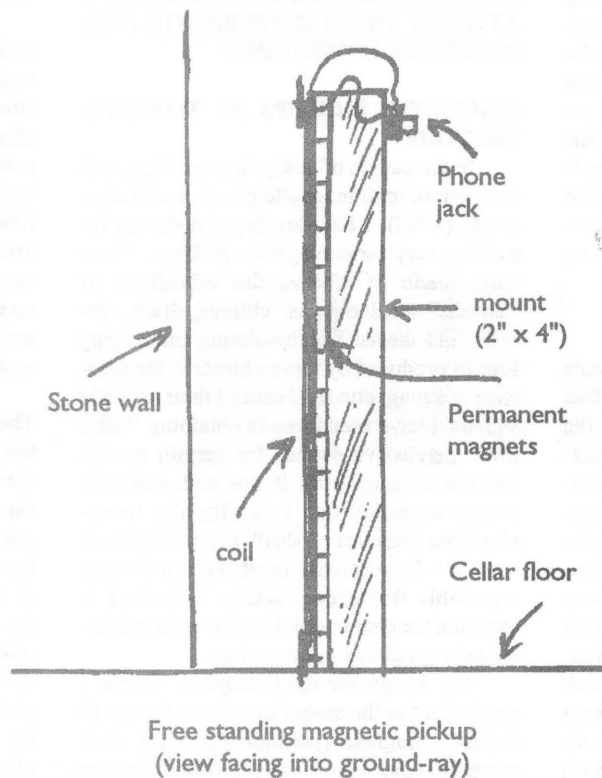
ceeds calculated signal strengths by factors of 4 or 5 when examined. Preston Nichols had mentioned these pertinent facts in a lecture which he conducted in 1984. The significant portion of the signals which Marconi claimed to have received in Poldhu could not have been Hertzian in nature. While some are content in citing longitudinal electrical pulsations as the true signal, I have pursued a different view which I feel has far-reaching ramifications. I believe that auric energies of a living nature are responsible for such communications. Ultimately we must develop technologies which utilize these energies alone.

The shrill spontaneous activity of magnetic pickups is evidence that power of a primary nature is indeed present throughout the ground. Much of the later radio engineers dealt with ways and means by which such "static" could be eliminated! It is possible to discover designs by which we may actually derive power from special earthed receivers. That energies can be harnessed by the proper design, alignment, and tuning of magnetic pickups (or material probes) is historically supported. The work of Nathan Stubblefield, Lester Hendershot, Hans Coler, and Harry Periggo can be better appreciated from this perspective. In addition; the reconstruction of their work can be approached with deliberate progress when certain distinguishing facts show their work to have little association with mere electricity.

What I find so impressive and distinct is the fact that such a free-standing magnetic array could continuously receive tonal signals from the ground. Stubblefield, Murgas, Tesla, and Rogers had done the same before us. The directionality of the system was further proof that the arrangement was tied to geology: responding with ground energies alone. My receiver worked best when aligned with a ground ray-line (which I had dowsed and used for numerous other experiments through the years). Mr. Theroux recorded the same kinds of findings with ground ray-lines. According to the conventional analysis, the magnetic pickup array is so highly inductive that it cannot be receiving radio signals above the audio range. The magnets used in the pickup are not ferrites. What then is the source of the audio levels we receive? The rattling ("helicopter") and throbbing sounds (received and recorded when the human body approaches the coil) are not radio signals. These rattling sounds only appear when living organisms are sampled.

ORGANISM AND OVERTONE

Living organisms were found fully capable of actually intensifying (amplifying) and augmenting the normally received signal. The energies engaged are thus accumulated in the living presence: auric energy. Whether from trees or humans the significant observation is that these ground tones are all principally located within our own audio range, representing an accessibility which implies many forgotten human potentials. The true and intended cooperative function of both the ground power and the human organism remains a dormant gift in most persons. It remains a sleeping and suppressed dragon among the obsolescent technologies of the world. Sing into the woods and feel the powerful response. Read the several books written



about Vril energy.

Holding the pickup to my body (along the vertical axis which connects face, throat, heart, thorax...) I heard the dramatic appearance of very strong "howlers". These howlers modulated very much with body position in relation with the ground ray-line. An additional variation appeared when the pressure (with which the insulated coil was held) in proximity with the body was altered: a primitive auric tuning mechanism was realized. This signature was different in its content of overtones when compared with the signature taken from the free-standing coil.

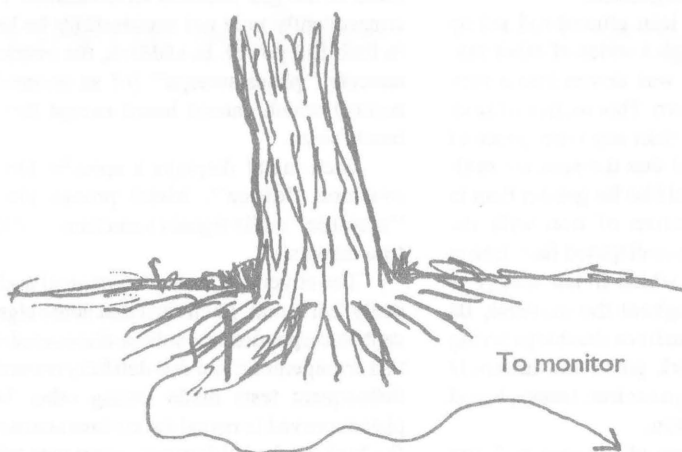
There are highly rhythmical pitched elements in this signature; whose tempi increase and relax over long time intervals. There are sudden "bursters" whose sound is rather like strong gusts of air. These were especially powerful when I had gripped the coil with both hands. I felt each burst in my thorax as I was recording the sounds with the headphones on.

The magnetic pickup can potentially act as a transformer when responding to local electromagnetic fluctuations. This is not sufficient proof however that these received energies are originally "electrical" when in the geo-radionic environment. Magnetic transducers simultaneously respond to hosts of diverse energies. That we are traditionally trained to wrap coils around magnets (in order to "obtain responses" from them) indicates the degree to which our ignorant conventional habits have overcome our intuitive vision. The magnet needs no "extra" material or power for it to operate in its native (rayic) resonance; sensitives have long known this. Other (non-electrical) energy enters the system which is more radionic than electrical.

The electrically amplified outputs of magnetic pickups are the coil-manufactured responses to the presence of a primary ground activity (which I have strong reasons to believe is rayic in character). Entering the sides of magnets, this rayic energy is measured as modulations in the ætheric flow of the magnetic field.

The use of the "pickup" coil (helix) must be carefully comprehended (not from the electrical but) from the radionic viewpoint. The need to translate primary ray energy into "electric and electrical" potentials is an embarrassing impasse for vitalists. We are seeking newer kinds of experience with living signals while using its electrical side-effects! Our situation can be ameliorated with the proper knowledge and designs which must come to use the direct rayic energy alone. While these systems "look" inactive they actually are operating in modes which exceed the ordinary human ability to perceive. A simple example of proof is that the unamplified pickup appears "dead" when externally observed through the 5 senses, yet it is very active!

There are those persons who directly sense the primary energy and work with its power with special non-powered apparatus.



Tree root probe

An essential output of magnets which I have described elsewhere are the black rays (which are collimated at the sides of permanent magnets). These black rays permeate our world at the most fundamental levels of experience. They are responsible for the numerous other energetic manifestations which we identify throughout the environment.

TONE-SIGNATURES OF PLANTS

I have a belief that all material things share various degrees and resonances of Space Consciousness. Each material also permutes this consciousness in specific ways. There have been distinguished individuals whose work indicates that even metals and stones are "aware" (C. Bose). Others have also shown that such materials emanate peculiar overtones whose content -- seems intelligent (O. Pixley). Tesla repeatedly stated that earth signals and planetary signals were imbued with "an intelligence".

Critics reviled his claims from every academic direction; stating that pulsating signals were not ample evidence of intelligent transmissions among the planets. Tesla calmly emphasized that the use of interplanetary Morse Code was not that to which he was referring: the "intelligence" was implicit in the overtones received and experienced! Such synaesthetic signals (such empathically active signals) would later be used by T. G. Hieronymus, R. Drown, and G. W. de la Warr to register life-form readings on other planets, take radionic photographs of specific organs and systems, and charge light-beams with thought-forms. None of these energetic manifestations register on inertial meters; being the experiential energies of the universe through which meaning is transacted to us. Measuring systems can respond to pressures...but cannot savor meanings or respond to that inherent presence which gives us

meaning. Meaning and consciousness are eternally admixed and are received by sensitive sentient beings alone. Therefore there is a vast gulf between the inertialist and the vitalist.

Artist, researcher, and colleague Duncan Laurie, shared several examples where the sounds of a living vine were translated through

special sensing apparatus (designed by M. Bradshaw). I was fortunate enough to hear these signals one night last winter. These sounds were so vibrant, pulsating, and thrilling that I attempted a similar experiment in order to share the recorded sounds. Mr. Laurie mentioned in numerous instances the strong connections between the sounds and musical compositions with which I have been involved.

I use a very simple arrangement to study tree sounds. This involves driving a very thin iron rod a short distance into the sandy soil surrounding the roots of any tree. The recordings I made used a tall Linden tree. I was amazed at the numerous results. The sudden transients received through tree-probes are truly wonderful. One finds the persistent "rattle" of the tree-signals a very intriguing feature: messages of unknown and primitive language. There are sudden and powerful bursts which come through the tree as asymmetric undulations: like cascades and avalanches. Though cyclic and approximately regular, there is no clock-like rhythm with these throbbing pulses of life. A thoroughly fascinating account of another such recording system used with plants may be studied in the film "The Secret Life of Plants" (P. Tompkins). The sounds recorded corroborate our claims.

There are very significant overtones present when sampling trees. The amazing thing is that tree sounds resemble signals taken from a pure (isolated) carbon rod. In this recording I witnessed the masking of the iron probe signal by the "carbon" signal of the tree! When comparing the recorded sound of tree roots with those made with pure carbon I was astounded to find a nearly complete match. The important fact to realize here is that the probe was not carbon; the probe was iron. The iron tone-signature was overshadowed by the carbon presence of the tree and the evidence is

audible.

In addition the tree carbon and the pure carbon (though very nearly similar) are not an exact match: they are isotonic! This implies the presence of "new" radionic elements. Such masking, shadowing, and unexpected tonal appearance is explained through radionic admixture and permutation: the auræ of iron and carbon blend to produce (radionically discerned) new transient elements. We must learn more about radionic permutations and how they differ from the (inertial) formation of chemical compounds.

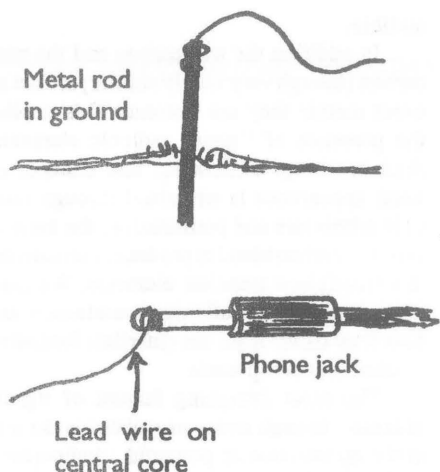
The most intriguing feature of signals obtained through living organisms is the dramatic appearance of powerful "helicopter" rattles in the lower pitched region. These penetrating rattles are always present when sampling living organisms. They are present in the "Vitic" recordings of Mr. Theroux.

Sudden aerial energetic "bursters" are detected when sampling trees. These bursters are heard through samples made with the human body (though at lower power levels). Were these "bursters" the result of aerial electrical discharges of tree branches into the surrounding air they would come through the headsets as an ever-sharpening "buzz" which finalizes into a "snap". They do not.

The very essence of a substance seems to be the very kind of sound it will emanate. Sounds emanating from tree-roots are "soft" in their empathic activities. One senses spontaneous "excursions of consciousness" while listening to these tree sounds. These send our thoughts into sudden indeterminate portions of space: the very thing we generally feel when looking up through trees. The rayic communion of trees with distant reaches in outer space has been investigated by other excellent researchers (T. G. Hieronymus, G. Lawrence, B. Payne).

THE THROBBING GROUND

Audible undulations of power shows how the ground-generator surges constantly in trees and plants. The thrombic nature of these strange energies occurs throughout the recordings of Mr. Theroux and my own; indicating the living potential of the ground itself. The throbbing life-potential permeates the tone-signatures of buried materials (metals, minerals, tubes, plants). In these recordings there are episodes where the V.U. meters on the playback system will throb with apparently no audible change or difference. Certain other rhythmical components occur too rapidly for the eye or the ear to discern them. This is where the diagnostic tool of tape manipulation enters the picture: slowing down the sample reveals significant and surprising new overtone features.



ELEMENTAL GROUND RODS

Near certain radionic devices one senses an inaudible pressure effect on the ears. This may often be accompanied by an extremely high pitched sounds "in the head". When radionic devices are grounded these rayo-ætheric effects are enormously empowered: we receive these sounds (albeit at higher pitch ranges) directly through our bodies without need for the audio translators.

A significant portion of my experimental setups with ground rods were conducted the same week in April. These were driven into various portions of the land surrounding my home: in dark-green spots of the (moist) lawn, (on several opposite sides of the property) and into dry ground as well. Both short and long wires were used as lead lines. Neither short or long lead-lines revealed any appreciably altering effect on the incoming signals as registered. Recordings were made with monopolar connection: single-wire recordings through the central line of the cable. I have taken care to isolate these probes from all other nearby influences. This remarkable feature was discovered: that monopolar connection suffices in registering the ground tones. The best example of shielded and isolated recordings is found in Theroux's researches. All of his recordings were made miles from local powerlines.

I utilized at least 4 distinct places around my property for these investigations. All the ground rods (whether iron or carbon) were of identical diameter and penetration. Plates were each (mutually) the same (8 in. x 1 in.). I used several metal ore and mineral samples in order to assess the relative differences between pure elements and their ores. I also used an ordinary vacuum tube (supposedly a radionic "insulator") and a pyrex test tube probe which was filled with MnO_2 powder. Probes were driven into ground to about 6 inches of

depth: a minimal arrangement.

I began with an iron ground-rod set up and progressed through a series of other materials. This iron rod was driven into a very vitalized section of lawn. This section of lawn was more dark green than any other piece of the lawn. I considered that the possible radionic activity here would be far greater than in dry soil. The association of iron with the human organism is an undisputed fact: iron is a resonance through which living energy is communicating throughout the universe, its sharply stinging emanations discharge living energy, plants are dark green and intensely vibrant when growing near iron fences, blood is especially rich in iron.

The tone-signature of the iron rod was surprisingly "metallic" though weak; having a prolific assortment of high impact tones which were reminiscent of the magnetic pickup. The lack of power in the iron rod disappointed me at first; thinking it to be the most powerful auric receiver. It was not the humanly potent hæmic (blood) resonance of iron which proved to prevail with respect to power. Such an unsuspected presence of sound (in earthed materials) is a new revolution in radionic science: a true breakthrough in our understanding of earth energies.

I followed the iron sample with a carbon rod. Carbon is the key life-resonance. The most powerful tone-signature I have yet recorded came through isolated carbon rods. The warbling and throbbing overtones of carbon is so strikingly different that I had to reduce the channel attenuator and tone controls significantly. This anomalous intensity of grounded carbon as a signal source cannot be assessed through conventional means: carbon is supposed to be the weaker conductor...the less electrolytically reactive in soil.

The sensation when listening to the carbon rods (in various configurations) is never without surprises. Most significant is the fact that iron (the better "electrical conductor") does not yield a stronger signal than the carbon rod (a supposedly "poor electrical conductor"). Carbon greatly exceeds the signal strength of iron in both power and overtone content.

Other metals were also buried and sounded (silver, zinc, copper). Each produced an amazingly different tone-signature. Listen to the overtones at the very highest portions of your audio range. They will "dance" and warble in specific patterns between your headsets. YOU MUST USE HEADSETS or the overtones will not be successfully appreciated. Though present in playbacks through loudspeakers these overtones are significantly modified by room dimensions and other (startling) fea-

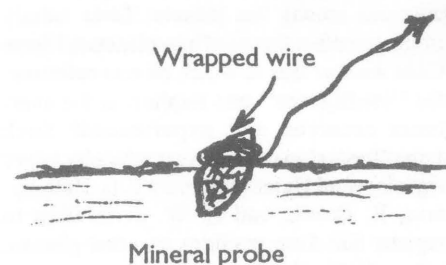
tures of the geo-radionic environment. They consequently may not successfully be heard in their full power. In addition, the overtones execute "phase-sweeps" (of an anomalous nature) which cannot be heard except through headphones.

Each metal displays a specific kind of overtone "dance". Metal probes yield a "metallic" audio signal characteristic of their true essence.

The silver test took advantage of a gloriously full moon. I believed that some significant correspondence would be discovered with this arrangement; and was dutifully rewarded! Subsequent tests made during other lunar phases proved to reveal the curious absence of the high pitched "darting" overtones which were very prevalent during the full moon. Can it be that the pleasing tones which emanate from certain metals (silver, gold, platinum, iridium, palladium, etc.) actually attract human curiosity and interest? Could it be that these tones are the emanations which we perceive inwardly (insensate perception) producing possessive desires? Could radionic tones make these particular metals "valuable"? You may listen to these on the cassette to your own satisfaction with headphones. Silver had the most pleasing overtone warble of all the metals I sampled; being a rhythmical undulation which fascinates the mind.

MINERAL TONES

The next experiments tested the tone-signatures of mineral samples: amethyst, sphalerite, pyrite, galena. The mineral ores (though probed into the same hole during the very same hour) each took time to reach their maximum volume. Each eventually gave their characteristic tone-signatures with constancy and regularity. I found that the recordings made with mineral samples greatly resembles the tones registered by Michael Theroux in



California. Minerals seem (without question) to be the best transducers of these specific metallic "crackling, crishing, and pinging" sounds. These minerals are in tune with a very distinct resonance which metals and organic materials do not release.

The metallic snaps and "pinging" bar-

rages actually seem to be evidence of a strange natural radioactivity (G. Le Bon); whose essence is vitalistic rather than inertialistic. Their gradual surging and pulsating nature may help clarify statements made by T. H. Moray (germanium materials) in Utah. The energy heard in the "pings and pongs" recorded by M. Theroux is enormous enough to cause a resonant ring in his apparatus. This is clearly heard on the cassette. I believe it to be the result of resonances effected within the semi-conductors of his recording apparatus: a real link with the mysterious diode of Moray.

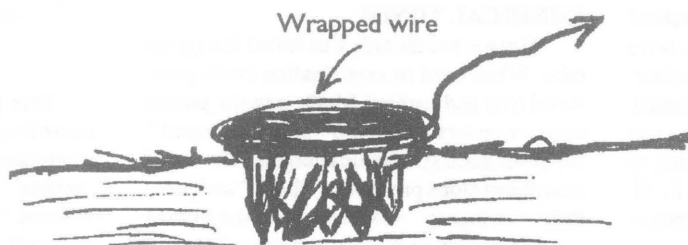
Galena has an overtone dance which bounces back and forth in fairly sharp patterns. I thought I was at first deceived into hearing these effects...until I slowed them down to $\frac{1}{2}$ speed. The 2-note warble was still there! The strangest thing occurred when I continued to process that sample at ever slow speeds: the very same overtones were yet there...warbling back and forth in their original pitches! Such maintenance of pitch in spite of speed change tells of some "self-righting" process through which persistence of identity is maintained throughout the space of a material. While we may speak volumes on the evidence of crystallographic emanations versus the "inertial ash" of matter, we should direct our minds toward the technological implications of such a phenomenon. I had deciphered this anomaly with some success; seeing that through it there was great promise and vast possibility for the extraction of energy from the ground.

The overtones seem to "rest upon" the peaks of other tones. These overtones ride on the other energies to a set pattern. The tone-peaks discharge the overtones into space spontaneously. These tonal peaks can be urged to discharge their "overtone song" when we entune specific resonances for each material. In other words, the total overtone-output of each material can be made to flow into the resonant windows specific to any material. Energies which contribute to the release of overtones can be urged into specifically tuned "windows" FROM THE RECEIVING END. There are materials which can produce prolific amounts of such energy from the universal tone-signature.

The sphalerite (zinc ore) sample strongly resembled the overtone dance of the pure zinc plate. (isotonic materials have surprising overtone features which indicate another kind of periodic table). These overtones did not undulate in a rapid manner as did the galena.

Through this sounding I realized the possibility of using this audio method to identify materials. The remarkable eloptic detector of Dr. T. G. Hieronymus used refractile light-like energies to identify each element and material given him.

Amethyst (a glass) was placed with the crystal-points down into the ground (base up). The strong and deep violet aura of amethyst

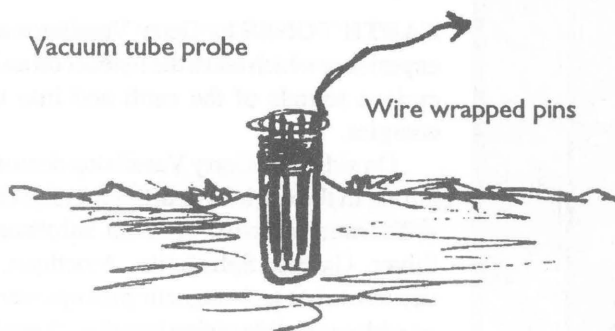


Amethyst probe

was immediately sensed in playing the tape back! What I have also found is that each material transduces powerful insensate energies which are revealed to us as the qualities associated with the material during playback. The color, mood, "feel" and "sense" of amethyst was strongly radiated from the headset: an empathic transmission of extraordinary permeations. I felt these sensations from the top of the head and down (across) the face...particularly around the nasal area. The tone-signature of amethyst contains a special overtone warbler which oscillates around a tri-tone.

The minerals seem to be "made for the

Vacuum tube probe



ground": there is a mysterious purpose for them to be where we first find them. They function in the ground system and should be re-investigated in situ. Removing these component materials "en masse" from the earth has frightful consequences unless counteracted. Their function for humanity's needs seems inestimably vast. To realize that metal lodes operate as components of a vast vitalistic circuitry within the ground (functioning on behalf of our consciousness) seems closest to

the truth. Perhaps these materials (once having been taken from their parent ground) have entered an "hysterical phase" which requires re-burial in order for re-activation to take place. Perhaps this is part of the lengthy process which they require before releasing their total tone-signature. I have observed that minerals yield their energetic outputs only with time. Therefore it may be wise to allow samples to "soak" in the ground for hours. Who knows what new species of sound may then emerge?

The tone-signature found with each ore was as significant and astounding as all the other sounds received. I did not expect that minerals would yield such an enormous amount of sounds. Each of the mineral ore samples proved to give dramatic proof that materials of various compositions actually produce characteristic tone-signatures. Galena and pyrite proved to be very "hot" tone sources. The sphalerite sample had slightly different qualities than the pure zinc plate with which I also probed the ground earlier; though both are isotonic related. The amethyst crystal was a good large sample which produced a surprisingly "active" sound: unusual for a material which is glassy. Apparently, the ground power has its own behavioral aspects which we are only beginning to discover. Glass and other electrical insulators are easily permeated by ground-power.

VACUUM TUBES

This exciting study so piqued my interest that I was led to try several other probe-forms. I finally began an exotic series of tests which involved some unusual "probe rods": inverted vacuum tubes, pyrex test tubes filled with chemical powders (manganese dioxide), a carbon rod wrapped with wire, groups of carbon rods in series. It was through this variety of samples that I made several corollary discoveries of merit. For the vacuum tube (as probe sample) I connected all the prongs together with the single lead-in wire; burying the tube. I left $\frac{1}{4}$ inch between the soil and the bakelite base. This probe (wired side "up") was placed in a section of ground which lay among the loveliest trees on our property; directly amid the moist dark green lawn. The sounds so produced were absolutely amazing. They are very stark sounding; having an intense "drilling" type of buzz.

Carefully dried before implantation, each vacuum tube I tested produced a single group of (similar) tone-signatures. The indispensable ground seems to be summoning us to-

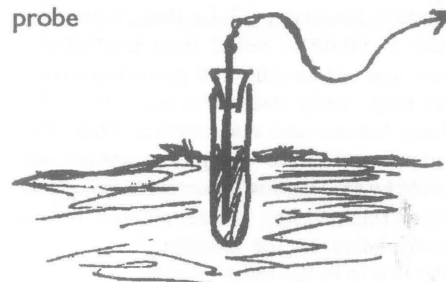
ward greater demonstrations of true power. The presence of vacuum was always considered detrimental to the aura. Both (glassy) envelopes worked so powerfully that I then could say without doubt that these received energies were not at all "electric or electrical" in their primary manifestation. What kind of "tension" enters glass with such ease? Experiments made with shorting the elevated samples to ground proved that these energies could not have effected the resultant tone-signatures of the glassy envelopes were they electrostatic or electrodynamic in nature. The ground-energy is a permeating presence, requiring body contact before a reaction can build to maximum. The results caused me to think of experiments performed by T. H. Moray; whose ground-pointing (large germanium diode) tubes were capable of entuning voiced signals through great distances. (I was informed through a special source that these tubes had to "face the ground" in order for them to work. In addition there is a patent of directional vacuum tubes which F. McCullough patented to accomplish a similar marvel). The means whereby one can later-

ally, vertically, and longitudinally "scan" ground power-points regardless of distance, remains (for me) one of the most mysterious demonstrations of ground ray connectivity. By such means we may be able to locate individuals and the organic emanations of human activities. Apparently no loss of power is ever registered in the ground: it is a self-generative power.

CHEMICAL TONES

Manganese dioxide was tested in a pyrex tube. When used in combination (with powdered iron and carbon) MnO_2 powder proves to be a wonderful radionic "softening agent" for experiencing radionic energies. The use of iron plates alone produces a "hard" and painfully "twinging" response upon the human organism. The addition of powdered carbon (charcoal) helps in the ability of reducing this painful sting of the iron. But (by far) it is manganese dioxide which so "smooths" the radionic reactions that I have used it ever since discovering its wonderful characteristics. I have compounded a special mixture and have used this exclusively in my studies.

Test tube probe



This powdered mixture (equal proportions of Fe, C, and MnO_2 powders...thoroughly intermixed) enables the nullification of sharp "spikes" of energy from harming us during personal "fusions" with radionic emanations. The MnO_2 powder gave a tone-signature which was distinctly pure and "smooth" sounding. There were no ripples, spikes, or sharp metallic sounds in this sample. Among the dissonant overtone dances of metals and minerals, the MnO_2 remained soft, smooth, and harmonic.

To be continued in the next issue.



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On side two, Michael Theroux demonstrates -- through the use of a dipolar ground rod system -- that the earth is alive with vital currents of energy. "Pings and Pops" plus the demonstration of the "Vitic roar" can be heard along with the remarkable recording of two earthquake events!

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ASTRONOMICAL CORRELATIONS FOUND IN CROP FORMATIONS

Colette M. Dowell, N. D.

In this paper I would like to introduce some possible astronomical correlations I have found within my mathematical analysis of England's Crop Formations, and close with some personal thoughts.

In my previous article "Some Findings on Crop Circle Formations," (published in the *Journal of Borderland Research* July-August 1992) I presented my mathematical findings basing the initial tonic of 360 to the ratios of the Major Diatonic Scale. Professor Gerald S. Hawkins is credited for recognizing these particular ratios from earlier Crop Formations which had been measured by Collin Andrews and Pat Delgado.

In review, when initiating the ratios with a tonic of 360, a number system is formulated with many steps (notes) expressing numeric values for angular measure of five and six fold symmetry, angular measurements of tetrahedral mathematics, the diameter of our Moon, the esoteric value of the Precession of Equinoxes, angular measurements of the Great Pyramid and values for the Ancient Egyptian system of weights and measures.

In addition I found when applying the English system of measure, using numbers as entities and altering the value of the decimal that line, angle and bearing measurements of the formations corresponded to the numeric values of cycles per second in the progression of steps (notes) of the Major Diatonic Scale when 360 is applied as the initiating tonic.

The 1991 season was filled with a variety of wonderful formations. There are a number of surveys from '91 which seemingly exhibit the same numeric entities of astronomical measurements.

One of interest measured by John Langrish, and noted by David Percy "Firs Farm, Beck Hampton" (see figure #1) displays a central line axis intersecting two complete circles varying in diameter. The diameter of the smaller circle measures 21' 6"

(2,160 miles mean diameter of the Moon). The diameter of the larger circle measures 81' (Earth, Moon mass ratio $m_e/m_n = 81.3015$) [1] (The value of the first octave above 360 is 720. The second step ratio 9/8 or 1.125, (note D), to this tonic gives a value of 810, whereby the ratio of 810 to 360 is 2.25) Rounding 21' 6" to 22' the ratio of 22/81 +

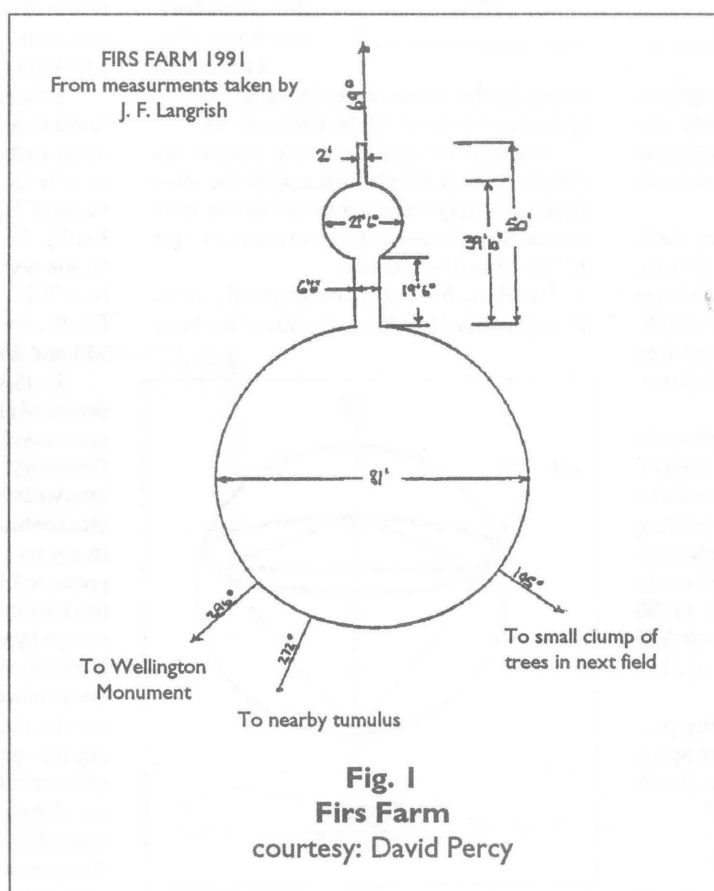


Fig. 1
Firs Farm
courtesy: David Percy

.2716, rounding this number to .272 could in effect represent the equatorial radius ratio of the Earth to Moon; Earth = 1, Moon = .2725 [2], the Moon's Nodal month of 27.2122 days [3], or even logarithmic e 2.72, (2.718).

The length of the central line axis connecting the circles is 19' 6" or 1 = 96. When viewing the width of the central line axis of 6' 6" as .666 or 2/3, 2/3 of 96 = 64. The orbital velocity of the Moon equals .64 miles per second. [4] (the value of the 1st octave above 360 is 720. the 4th step ratio is 4/3 or 1.333 (note F) to this tonic gives a value of 960. The

ratio of 960 to the original tonic of 360 is $960/360 = 2.666$. The ratio of the smaller circle diameter of 21' 6" to the larger diameter of 81', $21.6/81 = .2666$.) Note: I view oddities like this as check points, knowing if I have chosen the correct numbers or not. This would illustrate to me that I have.

So I now use 96 in my work. $96/81 = 1.185$ or $1 = 185$, the orbital velocity of Earth is 18.5 miles per second. [5]

The 1991 Barbury Castle Crop Formation surveyed by John Langrish (see figure #2) expresses possible astronomical values as well. The stem that projects from the lower left vertex of the tetrahedron point B extends past the pole of the lower left circle point Z. This

could represent a tilt off of a pole. The bearing from point B to point Z is 234 degrees. Earth's inclination of axis is 23.4 degrees. [6]

The distance from the outside perimeter of this circle in direct line to the pole of the inside circle of the tetrahedron point Y is 181', or $1 = 81$ (Earth 81 times mass of Moon.)

Subtracting the diameter of the inside parameter, $181' - 176' 6" = 4' 4"$ or 4.4.

Now:

4.4×360 degrees (degrees of circle) = 1584
 $1584 / 4$ (4' width of band) = 396
 (3960 miles mean radius of Earth.)
 360 degrees / $4.4 = 81.81$
 (81 repeated)

Further:

$1584 / 81 = 19.5$
 $81 / 360$ degrees = .225
 $19.5 / .225 = 86.666$

Tetrahedral $e / \pi = 8.66$

(Note: Tetrahedral e : the ratio of the surface area of a sphere divided by the surface area of the tetrahedron circumscribed by the sphere = 2.720699.)

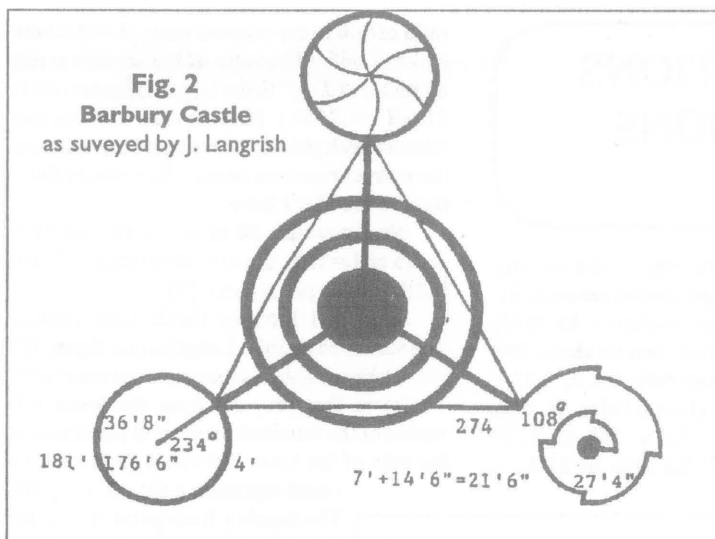
The radius of the inside parameter of the circle from point Z is 36' 8" $36 \times 8 = 288$ (2880 third octave above 360 radius of Earth subtract radius of Moon = 2880 miles difference).

360 degrees - $288 = 72$ (720 second octave above 360, 720 total number of face angles of tetrahedron)

$81 / 72 = 1.125$ or $9 / 8$, second step (note D) M.D.S.

To me what is interesting about the way the numbers speak, 19.5, reference to mass (81), reference to a tetrahedron (720 total face angles of a tetrahedron) is the correlation to a

Fig. 2
Barbury Castle
as surveyed by J. Langrish



circumscribed tetrahedron within a sphere, the latitude above or below the equator (depending on a north or south pole projection) at which the vertices touch is 19.5 degrees (see figure #3).

19.5 is significant when seen on Earth and the other planets within our solar system, for it is at this latitude that energy upwellings are found e.g. Earth: Hawaiian Volcanoes, Mars: Olympus Mons, Jupiter: Great Red Spot, Saturn: bands of rising clouds, Neptune: Great Dark Spot.

In my way of thinking the lower left circle is suggestive of the Earth, while the stepped spiral on the right of the tetrahedron could be partly suggestive of the Moon. The bearing between the right vertex of the tetrahedron point A, to the center of the small inner circle of the spiral point Y is 108 degrees, (1080 miles mean radius of Moon.) The inner circles' diameter of $7' + 14' 6'' = 21' 6''$ or 21.6 (2160 miles mean diameter of Moon)

274 is expressed both in a bearing projected to the left of the spin axis of the spiral 274 degree, and as a diameter of the fourth step away from the inner circle 27' 4".

$27 \times 4 = 108$ (108 repeated)

$27/4 = 6.75$

(675 is the value of the first octave seventh step note b, ratio 15/8, 1.875 of the 360 M.D.S.)

$1080/1.875 = 576$ (5760 is the value of the fourth octave above 360.) could suggest possible astronomical measurements. The two formations I have just touched on include many more numbers which correspond to astronomical units. However, to keep this paper as condensed as possible and not too technical, I have chosen to present only a few observations.

The 1992 season has brought many formations. I was very impressed and awed by

two formations in particular. I viewed these for the first time while flying above the fields photographing the glyphs. They were beautiful. One formation is a large circle with a crescent centered inside. (see figure #4) The other, a plain distinct crescent with no other visible members. (see figure #7)

I remember

sitting in the plane mesmerized by the elegance and stunned by the implications.

I almost felt that the Circle Makers decided to keep it simple, that maybe the other glyphs possibly referring to the Moon were just too complicated and we just couldn't "get it," so wham!! a crescent.

Working from my photograph (figure #4 photo) I noticed that the formation of the large

tonic gives a value of 2160. So here is the crescent on note G, fifth step at 2160.

There are two smaller circles to the side of the formation. I view these as implying possibly two entities, two tonics.

I wondered if the Earth might not be symbolized by the larger circle because visually the crescent looked to be approximately 1/3 the diameter of the large circle. (.2725 equatorial radius ratio of Earth to Moon.)

I had done previous work on the tonic for the Earth using the Major Diatonic ratios. The tonic of 264 gives values for the Earth and feet in miles (5280). On 1991 and 1992 surveys there are line measurements of 264' and 440'. A 440, the standard concert pitch, is derived from the tonic of 264 using the ratios of the Major Diatonic, or 261.6 using the 12 step chromatic progression of the 12th root of 2; 1.059463 (1.06).

I checked to see what step (or note) the Earth might be expressed as. 528 is the value of the first octave above 264. On the fifth step or note G, 3/2, 1.5 ratio to this tonic gives a value of 792 (7920 mean miles diameter of the Earth). So the Earth is also expressed on note G, the beat frequency when using full numbers 7920 and 2160 equals 5760. (Value of fourth octave above 360 tonic). (see figure #6, 360 and 264 tonic)

Is this coincidence or an intelligently designed glyph trying to convey astronomical processes? My thoughts take me to Projective Geometry, the role of harmonics, and the interweaving of harmonic vibrational patterns manifesting angular structure within the ethers. In my previous article (JBR, July/Aug '92) I presented Projective Geometry contained in the Barbury Castle Crop Formation. The 5 cell (A hyper tetrahedron (4-D) projected in 3-D space) was to overlay at specific points of the tetrahedron, and a 2-D projection of two interlocking tetrahedra was found by inverting flex points diagrammed in the formation of the tetrahedron. Is it possible that energies, are driven from angular structures? Combined Harmonics? Could the effect, or overflow *per se* within our dimensionality, and be one of the driving forces which enables life, creation, to manifest as a result of particular wave form patterns? Energy? Possibly that energy has intelligence. The solar magnetic field is a variable on the solar wind which affects Earth's magnetosphere and geomagnetic field. The Moon also has an effect on the magnetic field as well as the tidal tugs and rhythms of the Earth. The fields of frequencies we exist in are partially a direct effect of the geometry of harmonics created by external influences from our solar system. It is known that biology interacts with the rhythms of the lunar and solar daily activity. With the

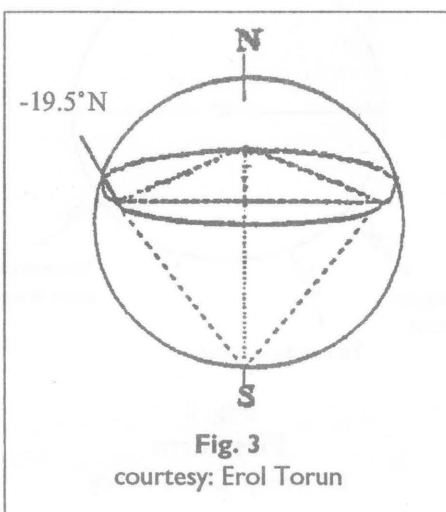


Fig. 3

courtesy: Erol Torun

circle and crescent were placed in a corner boxed area of 5 bands of equal width between tram lines. The width of bands on either side of the five were narrower in width, so I focused on the five equal bands. The bands reminded me of lines of staff used for notating music. The large circle seemed as a whole note spanning from F to B (treble clef.) This span incorporates the notes F, G, A and B. The crescent is placed directly on G. (see figure #5)

The tonic two octaves above 360 is 1440. The fifth step, note G, ratio 3/2, 1.5 to this

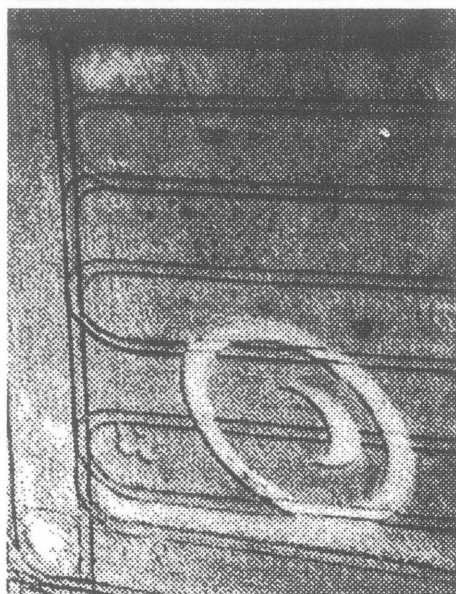


Fig. 4 - Crescent Ring - Aug. '92

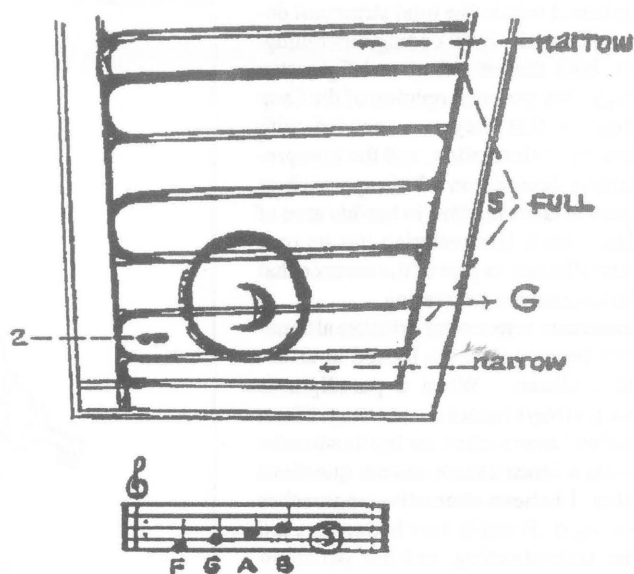


Fig. 5

| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | octave | |
|-------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Alphabetic code (note) | C | D | E | F | G | A | B | C | |
| Fractional Ratio to "C" | 1/1 | 9/8 | 5/4 | 4/3 | 3/2 | 5/3 | 15/8 | 2/1 | |
| Ratio to "C" | 1.0000 | 1.1250 | 1.2500 | 1.3333 | 1.5000 | 1.6667 | 1.8750 | 2.0000 | |
| FREQ H | 0 | 360 | 405 | 450 | 480 | 540 | 600 | 675 | 720 |
| OCTAVE | 1 | 720 | 810 | 900 | 960 | 1,080 | 1,200 | 1,350 | 1,440 |
| OCTAVE | 2 | 1,440 | 1,620 | 1,800 | 1,920 | 2,160 | 2,400 | 2,700 | 2,880 |
| OCTAVE | 3 | 2,880 | 3,240 | 3,600 | 3,840 | 4,320 | 4,800 | 5,400 | 5,760 |
| OCTAVE | 4 | 5,760 | 6,480 | 7,200 | 7,680 | 8,640 | 9,600 | 10,800 | 11,520 |

| TONIC | 0 | 264 | 297 | 330 | 352 | 396 | 440 | 495 | 528 |
|--------|---|-----|-----|-----|-----|-----|-----|-----|------|
| OCTAVE | 1 | 528 | 594 | 660 | 704 | 792 | 880 | 990 | 1056 |

Fig. 6 - 360 and 264 Tonic Major Diatonic Ratios

increasing amount of extinction of various species of both plant and animal life, is the interaction of "frequencies" decreasing, thus altering form and beginning to model a new era of life sustaining energies? If this were true, would the harmonics we now resonate to, resonate with the newer model or would we gradually dissipate from the scene?

With the crescent showing in the Crop Formations is it possible we are receiving lessons in "geometric harmonic astro-" physics?

Do we need to re-evaluate our views on the scheme of "How it all really works?"

I want to restate that this is my personal approach in viewing the formations. I am not working with numbers in a traditional way, rather spatially.

My background as both an artist and musician most likely sways my vision. If I were to design a mandala limited to space and mem-



Fig. 7 - Crescent - Aug. '92

bers, contained within the total structural design would be multi-level coding combining, in effect, both mathematical and figurative symbology. My personal opinion of the Crop Formations is that they are encoded with many levels of information, and the interpretation largely depends on which approach or view a person takes relative to her/his area of discipline. Each interpretation has its own unique significance as part of the essence that Crop Formations are expressing.

Mainstream science can criticize alternative views because they are locked in orthodox and tradition. When a paradigm is stretched, it always causes controversy. However, once we have reached our limits whereby mainstream science cannot answer questions any further, I believe alternative approaches must be sought. Possibly they in turn may aid to further understanding, and our paradigm might just expand.

With this I would like to close and leave you to ponder the diagram (Figure #8) of a formation which appeared nearby Silbury Hill, England, August 28, 1992. This formation displays eight icons. Each icon resembles earlier formations which appeared throughout the summer. You will notice one icon which is distorted (about 10 o'clock). There is a metal water trough (the rectangle) situated in this location which could have some how deflected or distorted the energies involved in the formation of the pattern. (also the icon opposite of the distorted icon is possibly distorted as well.

I find this formation sparking even a deeper sense of wonder in me. To even begin formulating any theories or opinions on how I view this, I must first set aside all my preconceived notions of the who, what, when, where, how and why of life, be open minded and willing to learn. Hopefully with this attitude an elevation of insight will occur, and with this, an understanding of something even greater in our world.

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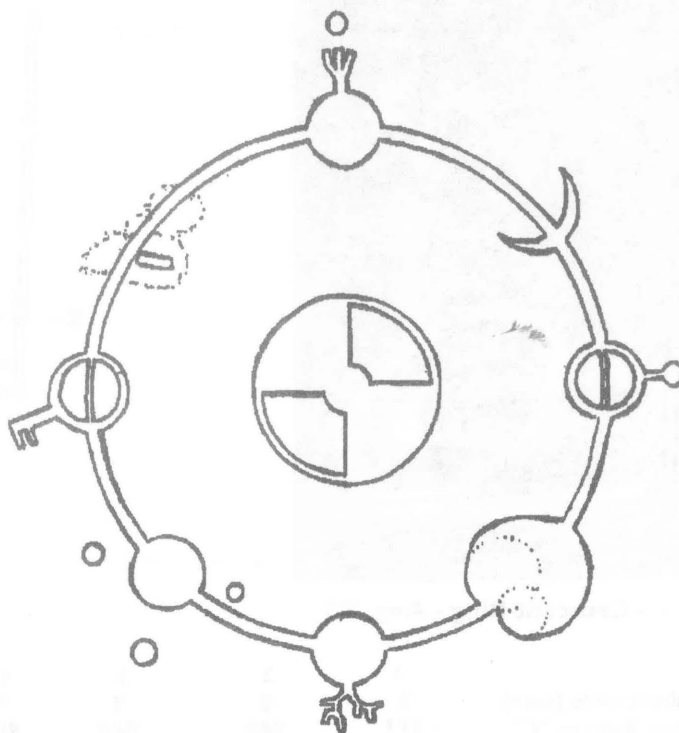
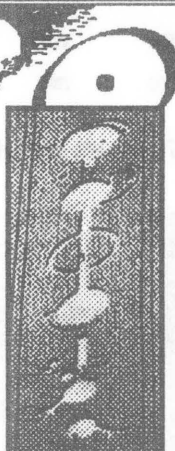


Fig. 8

Silbury's Icons

courtesy: George Wingfield C. C. C. S.

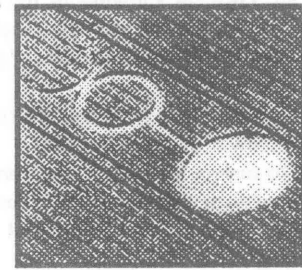


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FIZIX KORNER

by

Peter A. Lindemann

There was such strong interest in my article on the oranur emergency in Hawaii in 1978, that I thought it would be worth while to expand on the subject further. Oranur is a pollutant in the environment that very few people know about. Even fewer understand its unique danger. With that in mind, I will relate a few more of my experiences. (Also see the bulletin board in this issue for clarification on the difference between oranur and DOR.)

(For those who are reading this article first, it is a follow-up to the Fizix Korner article in the July-August 1992 issue of this Journal.)

For the purposes of clarity, I would like to start this article by elaborating on the nature of oranur again. Oranur is so unlike any other bio-energetic condition that almost everyone I have spoken to about it cannot describe it back to me in their own words. The concept is simply too foreign. First of all, oranur is orgone energy in a particularly disrupted state. It consists 100% of life force. Wherever oranur exists, it is part of the orgone energy continuum. Oranur is orgone energy that has been acted upon and taken on some of the characteristics of nuclear decaying material. So called radioactive material can be described as matter that has lost its integrity. In other words, it is dis-integrating. If you think of each element as having an identity, such as carbon or uranium, then the radioactive elements are the ones that are losing their identity. They are in the process of becoming something other than what they are now. Since orgone energy is so fundamental and primal, it cannot become something else. But it can take on the characteristic of dis-integration, which is the antithesis of its essential nature.

Normally, orgone energy is the self-organizing, integrating, animating force in nature. When acted upon by nuclear decaying material, it looses its self-organizing and integrating characteristics, but remains the animating force in nature. The presence of oranur impedes the self-organizing (healing) activities of living organisms and promotes their disintegration (death). Oranur is living energy whose essential nature has been so disrupted, that it can no longer function as part of the whole of Life, and now behaves as though it is a mortal enemy. The self-organizing and

integrating character of the life force I have described as its patternability. Oranur is life force that has lost its patternability; its ability to be patterned.

Here is another way of looking at the subject. In simplistic terms, if we think of orgone energy as "good", then DOR can be thought of as "bad." This good-bad dichotomy describes the boundaries of a system of moral values. Oranur then would be a purely amoral act, completely oblivious to the previously established good-bad system of values. It is neither "good" (moral) nor "bad" (immoral), but its effect is to the detriment of "good." I hope this further elaboration helps the reader understand the nature of oranur a little better. Now, on with the story.

The oranur that passed through Hawaii in late October of 1977 originated from an atmospheric nuclear test, somewhere in the South Pacific. All of my orgone accumulators became unusable after that. However, the worst emergency involving an orgone accumulator occurred on the island of Maui in the little town of Kula. Earlier, in the summer of 1977, a friend of mine named Paul, who lived in Kula, had been in an accident. He phoned and asked me for directions on how to build an orgone accumulator, as he had seen my units on an earlier visit. I gave him the instructions, and he subsequently built a 4-layer accumulator and used it successfully to accelerate his recovery. (This gentleman is a recording artist and concert pianist of some renown, so I will refrain from using his full name.) After his recovery, the speed of which amazed his doctors, Paul left Maui on an extended concert tour and rented his house out to some friends.

As it turned out, Paul had left his orgone accumulator set up in a closet and when the oranur came through, it became badly poisoned. The person who rented that room was a student of a locally famous healer on Maui at the time named David Little. David was a gifted healer who had studied nutrition, homeopathy, dowsing, radionics and much more. (This person's real name has slipped my mind, so I will call him Sean.) Sean had studied with David Little for over a year and was in excellent health when he moved into Paul's house. He never used the accumulator, but did sleep within 10 feet of it. When Sean's health took

a severe nose-dive in January of 1978, he and David thought it might have something to do with the accumulator. Sean called me on the Big Island after he found out that I had given Paul the directions on how to build it. He told me what the situation was and I told him what I thought he should do. After I hung up the phone, I realized that the situation might be more serious than they could appreciate, so I wrote out 6 pages of detailed instructions on how to handle what I considered an emergency. Keep in mind that when the oranur poisoned my accumulators in late October, I dismantled them within a few weeks. This accumulator on Maui was left assembled until January and was in a much more dangerous condition by then.

Sean showed David my letter when it arrived. David was skeptical of the need for the extreme precautions that my letter recommended. Being an accomplished dowser, David decided on a simpler, more direct approach; he would just dowse out the problem and its solution himself. He and Sean went up into his room, opened the accumulator and stepped inside. David got out his pendulum and started asking questions. No matter what David asked, the pendulum would only swing in a counter-clockwise direction. After 5 minutes of this, both David and Sean became frightened. The pendulum was totally unresponsive, and neither of them had ever encountered this before. They dropped back and decided to look at my letter again.

My first recommendation was to find the perimeter of the affected area. I had suggested that it may be some distance from the accumulator. They eventually found the perimeter of the oranur field being supported by this orgone accumulator over 120 yards away! At this point, in shock and terror, they set up a base of operations to clean up the problem from over a block and a half away from the house. By this time, they knew they were in way over their heads, so they decided to follow my instructions.

It must be difficult for the average reader to comprehend, but the area affected by severe DOR and oranur from this accumulator was $\frac{1}{8}$ th of a mile in diameter. To compound the problem, it was located in a residential area. Many innocent people were exposed to a deadly influence for months during this incident.

The first thing to do was to bring down the high levels of oranur charge in the accumulator while limiting personal exposure to this deadly energy. Since orgone energy is readily absorbed by water, the procedure they used was as follows. (Keep in mind, that we did not know about the Copen Radiation Rectifier at

this time.) One person at a time was to run into the accumulator with a bucket of water and a sponge, rinse down one inside wall of the accumulator with water while wearing rubber gloves, run back out and take a 15 minute shower. This procedure was repeated for each inside wall, floor and ceiling. After this was done, over 90% of the noxious energy was in the 6 buckets of water. Compressed air from a scuba tank was bubbled through the water until the DOR was cleared and then the water was poured onto some healthy plants. After this, the accumulator was rapidly disassembled. The organic materials and the frame were burned. The sheet metal was cut up into six inch squares and buried two feet underground in the woods with markings on the container indicating extreme danger from radioactive materials. After the accumulator was gone, they set out to clear themselves of the noxious energies. David found that a great deal of the DOR and oranur had lodged in the testicles and in the blood. Homeopathic radiation remedies, yogic breathing exercises and repeated masturbation cleared these energy residues out of their bodies. Homeopathic radiation remedies were radionically broadcast to the whole area until the neighborhood was clear.

Within a short period, Sean's odd blood decomposing condition cleared up and by March of 1978, the oranur emergency on Maui was over. Paul was a bit nonplused at the destruction of his accumulator in his absence. To this day, I'm not sure he understood why it was necessary. Sean was rapidly developing leukemia and would have died within 6 months (I surmise) if nothing had been done. Today, a SpaceCrafter or Copen Radiation Rectifier could clear the whole mess out in a few hours, but without these tools, the situation was very dangerous.

Another, smaller incident happened about six months later a half mile from where I lived. A friend of my girlfriend had begun noticing that she felt very uneasy going near her microwave oven. It had gotten to the point that she no longer liked to use it. Her reaction was purely emotional; she simply dreaded going near it and she did not know why. When I heard about this, I told her that I understood what her problem was and reassured her that she was not crazy. At the same time, her husband didn't notice anything different or unusual around the oven.

The next day I went down to her house with my Copen Radiation Rectifier. Sure enough, her microwave oven was poisoned with oranur. I determined this by a few simple tests. First, I tried to put my head inside the oven after I made sure it was unplugged. I was

confronted with an immediate pressure headache. I pulled my head out and the headache instantly went away. Next, I put my hand inside the oven and within 5 seconds, an odd tingling feeling was evident. When I pulled my hand out, however, this weird tingling feeling came with it and clung to my hand. The oranur felt stuck to my hand like a gluey energy residue. Washing my hands under running water did not completely remove this eerie feeling. I put the Radiation Rectifier in the oven and ran it for about 30 minutes. When it was done, all the oranur was cleared. Putting my head or hand inside the oven this time produced no unusual sensations at all. A month later I went back and re-tested the oven and it was still clear of oranur. The oranur that had been cleared from this microwave oven had not been produced by its normal operation. It must have picked up the oranur from an external source. (Probably the same source that poisoned my accumulators.)

I have also encountered low grade oranur conditions that had built up to dangerous levels in other ordinary household appliances. One filing cabinet, for instance, was sufficiently poisoned with oranur to produce non-specific anxiety and splitting headaches for its bewildered owner. All of these symptoms vanished and never returned after using the Radiation Rectifier. This filing cabinet had become poisoned with oranur when a radioactive smoke detector had been left sitting on it for a few days before it was installed.

It is important to understand that any metal enclosure can, under the right circumstances, behave like an orgone accumulator. Filing cabinets, ovens, microwave ovens, metal cookie jars and other metal enclosures can and do quite often accumulate orgone energy at densities above the atmospheric norm. This is fertile ground for noxious energies to gather, stagnate and fester. Periodic exposure to these energy fields is a severe stress on a person's health that eventually appears as the breakdown of the weakest system. In situations such as this, each person's symptoms are different and there appears to be no common connection. The common cause of oranur exposure is never suspected. Also, the presence of oranur masks other symptoms and is undetectable by radiesthetic, radionic, or any other medical means. Only periodic use of devices like the Copen Radiation Rectifier or the SpaceCrafter can keep an area clear of the problems presented by oranur.

I hope these horror stories serve as a wake up call to our readership. We live in a world that has experienced hundreds of atomic bomb explosions. These nuclear detonations have laced the environment with billions of grams

of radioactive elements. On top of that, millions of radioactive smoke detectors have been installed in buildings that we frequent. Exposure to low levels of oranur is, for most of us, almost a daily occurrence.

Here are a few things you can do to limit your exposure to oranur. First, if you own any smoke detectors, see if they contain radioactive materials. If they do, it is listed on a label on the bottom. Usually, these smoke detectors are of the "ionization" type and contain .8 to 1.0 microcuries of Americium, element 95. If you own one of these, get rid of it (safely) and replace it with a smoke detector that operates on the "photo-electric" method. FirstAlert makes both types, so make sure you are buying the right replacement. Second, consider buying an appliance that clears oranur, like the Copen Radiation Rectifier or the SpaceCrafter. Third, you can lobby your government officials to stop the nuclear (bomb) testing program and shut down all nuclear research facilities. Fourth, do not buy or eat irradiated foods as they contain a significant residue of oranur. Last, never travel within 10 miles of an operating nuclear power station and definitely don't take the guided tour. (And if you are inclined, work to get them all shut down. Also, avoid being stationed on or visiting nuclear powered submarines, aircraft carriers, weapons depots, etc. etc.)

In closing, I would just like to thank everyone who responded to the first article about oranur. Many of you are building the Copen Radiation Rectifier, have bought a SpaceCrafter, or are using the clearing procedure for the SE-5. For humanity to survive the global oranur emergency, we will need an army of people with this technology constantly clearing their own locality. Thank you for volunteering for this sacred service to the Life Force. A special thanks goes to Lutie Larsen for printing the complete oranur clearing procedure for the SE-5 in her Sept/Oct newsletter to SE-5 users. Thanks for getting the word out!

Well, 1992 has been an amazing year for high quality information. I expect 1993 to be even better. Until then, have a happy holiday season and in spite of all the spiraling madness in this world, be mindful of all we have to be thankful for.

Practice...and you may succeed in unbelievably a lot of unnecessarily unbelievable stuff. After that, you will have a place to put some real knowledge about real facts.

Richard S. Shaver

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Ancient civilizations, understood and used unseen forces, which the author calls Vril, for healing and moving massive stones. In more recent times, researchers such as Mesmer, Reichenbach, and Reich worked with "magnetism", "Od", and "Orgone," which King argues are the same as Vril. The book details experiments King and others performed confirming the work of these men and gives directions for readers to experiment for themselves. Pyramid Energy; Vivaxis -- the healing effect of standing on an axis line with your place of birth; Radionics; Geomancy -- The ancient art of placing structures in a landscape and furnishings in a room according to energy principles; Future prospects -- Hopes for using Vril to aid in healing, agriculture, and pollution control.

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BULLETIN BOARD

CHI DESIGN

Michael Riversong raises some vital matters in his article on "Design Ecology". Today's world stands in dire need of attention to the presence, reality and influence of the etheric flows. The Chi of Chinese tradition, the orgone of Reich, the prana of the Hindu, the mana of Hawaii's kahunas, the od of Baron Reichenbach, the ether of Sir Oliver Lodge and the Lorenz force of electrical theory all refer to the same presence. The earth is alive and is permeated with the forces of life -- to which architecture and design should pay deference. The whole subject needs to be pursued vigorously, on its own innate merits, without paralyzing deference to conventional, orthodox ideas.

The later forms of thought are hallmarked by the absence of any valid concept of what differentiates the living from the non-living. Minds minus such insight produce the typical architectural monstrosities found in America's cities. Most of our buildings are deleterious to their occupants. These people suffer a mind-boggling spectrum of subliminal bioenergetic insults, with clinical consequences concerning which the medical profession is embarrassingly adrift. Feng Shui, especially when synthesized with modern Western insights, can reduce or eliminate nasty consequences for those who must otherwise inhabit or utilize structures devised with no comprehension of etheric presence and influence.

"Design ecology" is long overdue, although I dislike the term, because it is clumsy and indirect. The term will also, however wrongly, get its practitioners lumped in with our burgeoning population of eco-fascists, where the new designers do not belong. Those who are to be effective in the New Design will be an elite, in whom the spirit will be vibrantly functional. Politics and agitation will not be among their tasks.

The Chinese have indeed the longest-established body of thought and action in their Feng Shui. All mankind can benefit from this. As a practical man above all else, I have had experience with Feng Shui in recent times, intimately connected with weather engineering. *Since my translators*

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are Chi devices, and nothing more, it is no wonder that this connection came about. Nor is it any wonder that the government scientists who tried "reverse-engineering" my equipment from my videotapes, could not figure out how the devices work, after they had clandestinely fabricated duplicates.

In the summer of 1991 BSRF member George Wu of Singapore and myself, had a contract with the government of the Malaysian State of Melaka, to engineer rain. BSRF's Peter Lindemann and I were quartered initially in Melaka's Renaissance Hotel, the city's finest. We conducted our first operations from its roof, which was cluttered, cramped and loaded with "bad Chi". There was no direct view of the region from the roof at all. Despite these drawbacks, we made heavy rains on project start-up and had State water rationing kyboshed within a week. We nevertheless needed a new site. With George Wu's inef- fable aid, we concluded an agree- ment with the nearby Emperor Hotel, the top three floors of which had never been completed. The roof had a virtually unobstructed 360 degree view of the region, and was uncluttered. A blessing indeed, but that was not all.

The Emperor Hotel is located on the Jalan Abdullah, and unlike other buildings lining the curving thoroughfare, the Emperor is set at a strange, offset angle. The ap- proach and portico do not appear too functional at first glance. The first time I saw the place, I thought the whole structure oddly oriented. After getting the weather engineer- ing gear on to the roof, I set about lining up my equipment. To my happy astonishment, I found that the entire building was exactly aligned with magnetic north and south. Formerly, this hotel was the Melaka Merlin. The Merlin hotel chain is Chinese-owned out of Hong Kong. I had stayed in the Kowloon Merlin myself many times in the 1960's. The reason for the special orientation of the hotel was now clear. The original Chinese owners had incorporated the principles of Feng Shui in their design. Thanks to those enlightened gentlemen, Peter Lindemann and I were setting up our engineering shop atop a 33- story lodestone. Feng Shui means "Wind and Water". You bet. That is what Melaka got.

The top of the Emperor was the finest

weather engineering site I have ever used. During night hours, it was possible to en- train large amounts of Chi into implosive vortices. On about seven occasions, minia- ture typhoons swept through the region in July and August -- always in the early hours of the morning. Trees were sometimes uprooted and hurled for blocks, parking lots were turned into lakes, and spectacular lighting displays with deafening thunder accompanied these engineered systems. The first such mini-typhoon wrecked our own base. I am quite sure that operations could not have been anywhere near as effective had they been undertaken without the Feng

overrule his own security staff and admit the media to our confidential operating base in our absence. Our ability to operate in peace and security was thereby destroyed.

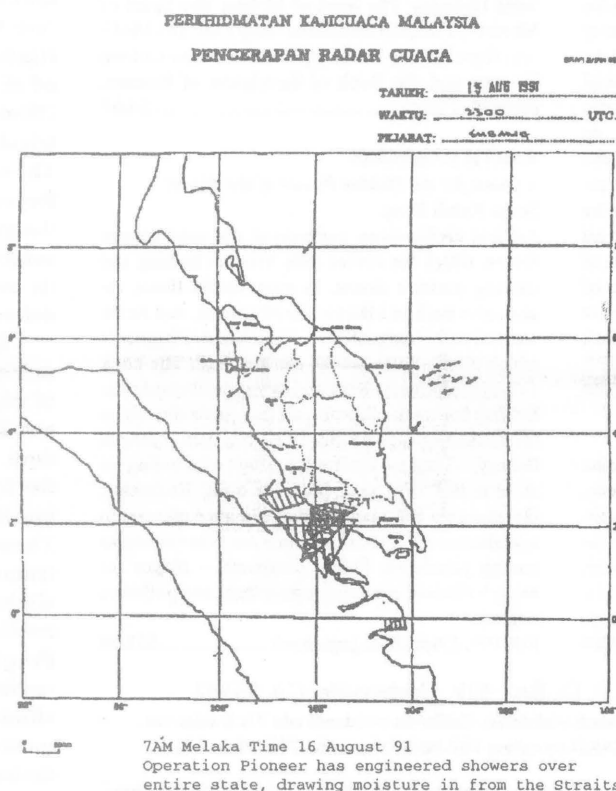
The wind currents and rain distribu- tions around that building demonstrated the remarkable consequences of Feng Shui in designing a modern structure. Powerful flashlights showed that rain hitting the building driven by strong winds, curved gracefully upwards and passed high over the building top, like a commercial foun- tain. Peter and I found astonishing cur- rents -- unrelated to wind direction -- envel- oping the building in a network of air streams. The whole experience of operating modern weather engineer- ing gear in a Feng Shui building was unforgettable.

Michael's article also broaches the question of the Chi power of automobiles, the envelope of Chi accompanying a vehicle's move- ment. He correctly points out that while a car may turn off from a given direction, the Chi power of the car may continue on the original heading for a considerable distance. This Chi does not "see" concrete walls, and can impact the auric en- velope of persons in the Chi line of approach, regardless of intervening walls. A business office located along that line could indeed find its em- ployees concentrating only with diffi- culty, due to constant battering with packets of car Chi.

A typical "traffic circle" of the kind used in older U.S. communi- ties, where numerous cars enter from straight roads and then follow a circular multi-lane roadway -- turn- ing off at various points to suit their routing -- can provide illuminating insight into car Chi. There is such a

traffic circle in Long Beach, California, which I have studied on occasion. The Chi of the cars creates a counterclockwise Chi vortex, which produces a certain amount of disorientation in drivers, in my opinion, especially in days of low barometric pres- sure -- which equates with more intense Chi.

When to ordinary car Chi one adds a simple bioenergetic translator, such as on of our Black Widow units, affixing the translator to the car roof, the result is a "gun car". The normal car Chi now has a geometrically correct structure, a "tuned circuit" if you like, to which it is attracted and with which the Chi interacts. From a carborne Black Widow a coherent beam of



Shui of that unique hotel. We had Chi devices IN MOTION atop that structure, and any student of Feng Shui will attest to the likely potency of such an arrangement.

We were able to bring in 13 inches of rain in 57 dry season days before being forced to evacuate the hotel. Melaka's ANNUAL average rainfall is about 17 inches, and it is the driest state in the Malaysian Federation. Radar nevertheless confirmed many times that Melaka was the only place in continental Malaysia receiv- ing rain -- a remarkable rarity. We had to abandon our fabulous operating site when the manager of the hotel was suborned by the Malaysian media. This bright gent was induced to breach his contract with us,

Chi is emitted, which is intensified in its effects by vehicle motion. This Chi beam precedes the vehicle and follows its directional changes, just as though there were a laser on top the car instead of a geometric structure using neither electricity nor chemicals. Practical experience leaves no doubt that the influence of the Chi beam extends well beyond the horizon.

We used many such gun cars extensively in the 1980's in weather engineering operations in California. I also employed one in Melaka in 1991 to generate huge buildups of rain clouds in the daytime, completely upsetting the regional dry season weather. All that is required is to equip the car appropriately, and then drive steadily in a direction that will allow you to harness normal Chi flow to serve a weather engineering objective -- such as rainfall. The more you know about the overall laws and behavior of Chi, the more effective you will be with your gun car. There are daily, monthly and seasonal flows and shift that have to be taken into account in effective weather engineering of this kind. The Feng Shui masters are well aware of how the Chi continuum works.

Michael's statement that the Chi of cars can disturb certain people who are consistently buffeted by these Chi impacts, is absolutely valid. The buffeting may be subliminal, but it is both real and cumulative. In the New World, the New Designers will protect living beings from such things as a matter of practical design. Life will be enhanced by such constructive insights into protecting human functioning. First, of course, we will have to be rid of the current decadent culture. The latter appears to be on the verge of eliminating itself -- via the coming collapse that has been set in train by the greed of humanity's criminal leadership.

Tally Ho!

Trevor James Constable
Hauula, Hawaii

We're showing here a weather map from Operation Pioneer, the weather engineering project Trevor speaks of in his informative letter. As you can see, all the rain on the map is over the State of Melaka. We have the whole series of these maps on file at BSRF HQ and it is obvious that Melaka was extraordinarily rainy compared to adjoining states.

Further insights into Trevor's work, from his early days, up to and including Pioneer, will be in the forthcoming interview-book **LOOM OF THE FUTURE**, in progress and due in 1993 from BSRF. And a new **Primary Energy Weather** video soon also.

AIDS/SYPHILIS UPDATE

Thanks for publishing the update on our work with syphilis and AIDS.

I'd just like to clarify one point: if we are doing a syphilis screening for someone, and in that context report and make recommendations to their physician, we sometimes find that the attending physician is disturbed by ideas of liability if he has failed to detect or adequately test for syphilis, and is therefore reluctant to do additional tests or initiate the treatment recommendations from our physicians.

In such a case, we will provide our clients with lists of "cooperating physicians" near to them. We make no guarantee that any of these physicians will have room in their practices for new patients, will be willing to accept our recommendations on them in particular (although they are on the list since they have cooperated in the past with some patient), nor whether any physician on the list qualifies under a particular type of HMO or insurance carrier.

We DO NOT have lists of physicians or names of physicians available to give out to people who are not in our studies. Current laws prohibit our doing anything like that -- it becomes a borderland of our "diagnosing" that this person should see a physician. Nor do we blindly send out to callers or inquiries the treatment recommendations that may be given from our physicians to the clients' physicians. We have found that without the preparation and information we provide as part of the screening, the attending physician discounts the recommendations because of underestimating the seriousness of the problem and the dilemma of false negative blood serologies. Most physicians are two or more years behind in their reading, and a lot of what we work with is material that is released at conferences and will be another six months to a year away from being in the mainstream medical literature.

We will send out a **QUICK CHECK FOR SYPHILIS** for evaluating your risk of having an underlying syphilis, plus information on the problems of diagnosing syphilis in an immune suppressed individual and material on our work and publications, etc. for a \$3 handling and mailing cost. Send cash or check to me at my address below.

Enclosed is a copy of the published abstract of the presentation, Syphilis Diagnosis Dynamics, made in Banff, Canada, by Dr. Sandra A. Larsen, Chief of Treponemal Research, National Center for Infectious Diseases, Centers for Disease Control, Atlanta Georgia. It says what we have been

saying in a "politically correct" way to avoid admitting error in the HIV research. All the best.

Joan McKenna/BASIS
2811 M.L. King Jr. Way
Berkeley, California 94703

ARTIFICIAL REALITY

Len Bracken's article (Virtual Reality) in the July-Aug JBR really resonated with me. Bracken's suspicion of technology's role in human evolution is shared among others, by Jerry Mander in his new book **IN THE ABSENCE OF THE SACRED: THE FAILURE OF TECHNOLOGY AND THE SURVIVAL OF THE INDIAN NATIONS**. A decade ago Mander gained significant recognition, especially among educators, for writing **FOUR ARGUMENTS FOR THE ELIMINATION OF TELEVISION**.

His new book discusses the plight of the Native American Dene people of northern Canada, whose isolated culture only recently received the full brunt of commercial public television. The introduction of TV was first instigated by the Canadian government in order to better assimilate the traditional Dene culture. It was presented in appealing fashion, with the government actually giving free TV sets to the families. The people initially welcomed these Trojan horses which would facilitate their "bridging" into modern global culture. It was reminiscent of other classic giveaway ruses like the smallpox-laden blankets of yestercenury.

As you can imagine, the consequences were quite disintegrating to the small Arctic communities. Jerry Mander was requested by some of the elder women to come and address their new problem. The effects were similar to what our own culture experienced, except now they were immensely accelerated. Television didn't start out as sophisticated as it is today.

In a radio interview reviewing his second book, Mander had the following to say concerning betrayal by technology:

[We should] "recognize that the path we're on is not working out. It's not providing peace, comfort, security, health, happiness, satisfaction. It's actually turned out to produce alienation, family breakdown, community breakdown, drug use, suicide, and the terrible destruction of the planet. So, [we should] realize that this path has not lived up to its Utopian promise.

"After we realize that, it's necessary to look at the descriptions of technologies as they've come down the pike. In every case, every new technology that we've been pre-

sented with has been described to us by the people who present the visions -- who are basically corporations and government -- in best-case terms [and] scenarios. Every time we have a new technology, it's described to us in best-case visions; that this thing is going to solve all of our problems. That's the way it was with television and more recently with computers. Most of us have been under the illusion that computers were somehow going to empower democracy, were going to make us stronger, were going to lead us to a more diverse, decentralized participation, [and] control of the forces that shape our lives.

"In fact, if you take what I call a more *wholistic* view of computers -- that is to say, you begin to look at computers for their complete effects: not only in terms of how they benefit you & me, how we write and edit our copy, and how we communicate with other groups of a similar inclination to ourselves. If you take into account, not if they're benefiting us, but who benefits the most; what we find are that computers have been the greatest boon to corporate control, to the growth of multinational domination, to the ... centralization of military power, to the surveillance systems that are expanding and dominating our lives right now.

"These are part of the discussion that are not usually taken into account when you're dealing with new technologies. So we've got to develop a language for talking about technology that is much more wholistic than the language that's given to us by the corporate introducers, and try, somewhere, somehow, politically to realize that these new technologies are affecting our lives more than the people we vote for are; that the introduction of computers has made possible the greatest advance in power of giant corporate interests that has ever been made before; and that it's been a net loss for progressive communities [and] movements to have to face the ability of these centralized interests to move capital and move resources and act globally in a way that they never have been able to before; in a way that makes *possible* the destruction of rainforests and oceans and ozone and so on."

Best regards,
Ron Stinnett
Santa Rosa, California

VIEWS FROM THE BORDERLANDS

I agree with the first letter under Bulletin Board in the J/A issue, that many of the articles are over my head. But there is always something that adds important

knowledge to my hungry sponge.

I like to keep my back issues in a large three ring binder. Occasionally an important word or number is punched out. Can't you shift the printing a bit so that there is a wider margin on the staple side of the page?

I appreciate your dedicated hard work to put this publication in our hands, and take every opportunity to send you new subscribers. I particularly liked your last View from the Borderlands. It is a marvelous, comprehensive overview.

Peter Tremenius
Las Vegas, Nevada

Thank you for your support of our efforts. We're doing what we can to keep your sponge soaking, and glad to hear your view. We recommend a binder that clamps all the issues together, each year in its own binder. That way your issues are bound and you can remove an individual issue easily for reference work. We'll keep your suggestion in mind though as we roll along.

TASMANIAN REPORT

View From the Borderlands (May-June 92 JBR) was an excellent editorial.

I too have noticed the way the clouds have changed. There is something 'dead' about the skies these days. I think it's been about a year since I last saw lightening. Reading Tesla's writings and even old novels, lightening seemed to be a common phenomena. I have a theory that perhaps the pollutants make a conductive path and the electricity never has a chance to build up. I wonder what effect this has on plants and insects that used to seem so energetic just before a storm.

The ozone hole is a reality in my part of the world. The sunlight is incredibly silver and feels like hundreds of tiny pin pricks on the skin. Driving north from here the sky slowly turns to a more natural yellow color over a distance of about a thousand miles.

You mentioned Fortean research. What has happened to the Fortean events? Nothing unusual seems to happen any more, or is not reported. Charles Fort would have never got into business if he'd had today's vast media to draw on. I call it the 'smulchification' of our news. Perhaps UFO's and frog rains are considered irresponsible journalism these days.

This also seems to be happening with scientific research. Perhaps it has to do with the increasing use of computers and statistics, but it does seem that 'studies show' whatever the employer of the scientist wants to hear. Science is no longer a

search for understanding but rather a search for dollars. We've got some brilliant scientists over here who work for the paper companies, and they can prove that deforestation is actually good for the forest! No kidding! Their findings get terrific news paper coverage!

I don't know how spiritual growth will come. Much of our technology merely expresses great natural laws and is a good thing, not to be discarded. The old religions that speak of the planet as a living thing seems good too and the universality of that belief makes me think it is a necessary belief if a race/culture is to survive.

You mentioned environmental fascists. I agree. There is a lot of money to be made and a lot of new laws (restrictions) to come from the 'saving of the planet'. Most perverse.

Tasmania has very tough environmental laws, they say. \$500 fine for littering. However, whole rivers are dead because a few mines and factories have exemptions from the law. This is what I mean about the world not being ready for new technologies. Those technologies would be instantly seized and put to some exploitable use. Anti-gravity devices would enable us to rib out more trees with less cost, make great gunships, etc, etc.

I sometimes think Tesla was before his time in that much of his technology has been used perversely. Tasmania runs on Hydro power except for a small oil generator that's fired up in summer if there hasn't been much winter rain. The place is covered in dams. We pay about the same for our 'free' energy as you do, because 25% of our power goes to Comalco (aluminium) for an undisclosed fee (we think about 2¢ KWH) The aluminium ends up as beer cans on the beaches (The litter laws aren't enforced.) Reading Tesla's essay on increasing human energy, how right he was about hydro power and the use of aluminium, but how bizarre the final reality! Where's the utopia he dreamt of?

I've been thinking of monitoring the solar radiation we get here in summer. I've been thinking of using a Geiger counter with a small piece of material that emits radiation when struck by UV (and other radiation. Have you any idea what I could use?

Thank you for an excellent magazine.
Phillip Proud
Quoiba, Tasmania

Thanks for your reports and ideas. You bring up some interesting points. I would not want to live in the world Tesla envisioned, as

electrical wonder world, all regulated and precise. But within the core of his total inventive expression is the archetype of a technology that could be used by a more evolved peoples. I don't know of any material that would emit measurable radiation when struck by UV, but I would be interested to know if such an effect exists.

REDUCTIONIST THOUGHT

I am deeply disturbed by comments in "View from the Borderlands" (May-June 92 JBR). The most disturbing was, perhaps, the statement concerning "reductionist thought". If Borderland is not interested in publishing reductionist thinking why, then reprint Krafft's excellent work "The Ether and Its Vortices"? This work, in my opinion, carries reductionist thought to its ultimate extreme. It not only contends that matter is built from atoms, but it takes reductionism -- not one, but two -- steps further; by stating that the elementary particles, which compose atoms (which in turn compose matter), are constructed from vortices in the ether.

"Reductionist thought" is absolutely *vital* to understanding the macrocosmic whole. An engineer designing a complex electronic circuit (a transistor radio for example) must be ultimately familiar with the behaviour of all of the parts of a circuit (resistors, capacitors, diodes, etc.) before he can even attempt to design the much larger circuit. It is by never taking anything lightly -- by paying attention to the smallest details -- that we can hope to understand the much larger picture. All of the great symphonies written by Beethoven or Mozart were written *a single note at a time*.

As for the success of relativity theory, this occurred (I feel) for two reasons: (1) it works -- period. (The atomic bomb is a horrifying reminder, lest we forget). In my own investigations of relativity, I discovered that relativistic phenomena can be divided into two categories: apparent phenomena (e.g. contraction of length), and physical phenomena (e.g. increase in inertial mass). Conventional treatment of relativity fails to make this distinction. (2) The theory of relativity, in its present "etherless" form, won over simply by default. It is a combination of ideas similar to those expressed in "view From the Borderlands", coupled with an abhorrence of mathematics by many ether researchers, that led to the idea that theories concerning the ether were no longer to be taken seriously by serious investigators. As a result the ether as a valid concept was removed from all

physics literature. Therefore it is "us" and not "them" that is ultimately responsible for the "advent" of relativity, and the demise of ether theory. It was not Einstein's fault -- he simply described *what* happens. It's ours -- we *failed* to explain *why* they happen. It is little wonder, then, that ether theory was "dethroned" from its rightful place in scientific literature, and we are in grave danger of making the same foolish mistakes again. The contempt towards the study of minute details of this vast universe of ours -- labeling it as "reductionist thought", and the insistence on examining the ether only on a "qualitative" level (whatever the h-- that means) serves only to make ether theory a part of voodoo and superstition, and to keep ether out of the laboratory where it belongs. *The Journal of Borderland Research* is the serious ether investigator's last hope of keeping ether theory a serious and valid alternative. But if the statements expressed in Tom Brown's article reflect or imply Borderland's future editorial policy, then it will be Borderland (and not the so-called "relativists") that will make ether theory the "Edsel" of scientific thought.

It is my avowed goal to convince physicists (and not mystics) that the ether exists, even if it means taking what Einstein said at face value, and examining nature "with a microscope". It is only by doing so that both ether theory and conventional physics will, together, be refined. By examining relativity, taking it "as is", the principles of ether dynamics were formulated. And in the process of doing so, relativity is itself refined to the point that it can now provide evidence of ether's existence.

For God's sake, do not ever let the view expressed in "View from the Borderlands" be your guiding policy as to what you'll publish -- I beg of you! If you do, Borderland will finish what conventional physics started -- throwing ether theory on the scientific "dung heap", and making ether researchers a laughing stock.

Dorotheos C.E. Cody
Portland, Oregon

Tom's reply:

Your approach to this subject is most interesting, and we certainly appreciate your viewpoint. The views expressed in my article have been the general guiding policy here for the past seven years -- though we have always been open to other's ideas if they fit the general "borderland framework".

But I think you somehow have missed the main point of it all. Reductionist thought reduces the universe to "building blocks"

rather than understanding it as a unified whole. I acknowledge the existence of discrete atomic particles -- they have been created in electrical experiments, and still flow through electrical and electronic equipment to this day. I also acknowledge that modern chemistry is based on this molecular model and molecules can be isolated chemically -- through the acts of man, not as an act of God. In effect atomic particles and molecules are only obtainable through reducing material substance -- hence the concept "reductionist thought". To quote Mircea Eliade, "The explanation of the world by a series of reductions has an aim in view: to rid the world of extramundane values. It is a systematic banalization of the world undertaken for the purpose of conquering and mastering it."

If science has rejected the ether concept you can hardly blame Borderland, as this was rejected long before we were around.

BSRF has reprinted Krafft's works because his ether theories are an alternative to the conception that the universe is composed of discrete particles. He describes an alternative model of the atom (don't forget it's still a *model*) showing it as a vortex of action in a universal substratum -- in reality more wholistic than reductionist, but still somewhat limited by its overall mechanistic flavor. Krafft said himself that if it were to be determined that matter emerged from mind then physicists should spend their time studying the mind. He was far from a simple reductionist/mechanistic physicist, he was an active member of Borderland in the 1950's!

Do you really think that the universe was constructed a single atom at a time -- the creator had a box of parts (protons, neutrons and electrons) and composed this grand, complex universe merely from intricate arrangements of those parts? Can you build a human one cell at a time -- just like a transistor radio? What parts or particles are awareness comprised of? I dispute that the great symphonies were written a single note at a time, rather they were wholistic musical pictures in the composer's mind, which had to be committed to paper a single note at a time due to our worldly conditions of consciousness. Beethoven and Mozart are average composers in my opinion, they took the wholistic, organic qualities out of music and they hardly rival the spiritual grandeur of Handel, Bach and Vivaldi! Oriental languages are not based on single letters building up words, rather they are ideograms representing ideas through whole syllables. The atomic bomb is a classical example of the fruit of reductionist thought, though its reality hardly proves relativity -- it just proves the back-to-front goals of modern scientific thought. I still agree with Oliver

Lodge that relativity may explain the negative results of the ether-seeking experiments (up to his time of course) but that it doesn't appeal to common sense. Let's say you have an rigid iron rod, one light year long. You turn one end and according to relativity it would take one year for the other end to turn, but if such an experiment could be set up (which is the problem with most of theoretical physics -- the concepts cannot be tested in the real physical world of sensation in which we live) you would probably find that the other end would turn simultaneously, just as common sense would indicate.

As far as the qualities of the ether I would suggest to you as a serious researcher to find out what they are -- you are missing one of the great pillars of thought in this realm. Recommended reading on the subject is *The Etheric Formative Forces in Cosmos Earth and Man* by Guenther Wachsmuth, which we reprinted, like Krafft's works, for those interested in keeping no stone unturned in their search for an understanding of the finer forces of the universe. Other books available which describe a non-reductionist approach to the ether are *Toward a Phenomenology of the Etheric* edited by Jochen Bockemuel, *Physical and Etherial Spaces* by George Adams, *Projective Geometry* by Olive Whicher, *Man or Matter* by Ernst Lehrs, *The Cosmic Pulse of Life* by Trevor Constable, and *Metal Power* by Alison Davidson, all available from BSRF.

The qualities of life, light and warmth are more than mere physical measurement -- they touch upon our spirit. And spirit is completely absent from your entire viewpoint -- yet it propels you to discover what is happening. There are definite spiritual qualities to this universe -- completely interwoven with the physical matter we are comprised of. This has always been -- from the very beginnings of Borderland in 1945 -- of primary interest to us. The ether is comprehended as the final formative stages of the universal intelligence (or spirit) on its path to matter. Physical scientists -- for the most part -- seem to reject this concept out of hand, and that will not stop us from reaching beyond the physical to the ultimate energies of the universe. Ether theories have already been thrown on the dung heap -- Wilhelm Reich died in a U.S. prison for refusing to stop his scientific experimentation of living etheric energy. The historical demise of ether theories has more to do with the disappearances of books on the subject from universities and libraries and a concerted effort by those with the means to stop people from considering a universal energy which Tesla described as a source of ultimate free power. And as far as math is concerned it is a very useful tool in many circumstances,

yet it is quite obvious that the force that animates scientists is absent from their equations! When you can convince *both* mystics and physicists then you are making serious headway in the Borderlands...

ORANUR REPORT

Dear Peter Lindemann,

In the July-August 92 JBR Fizix Korner you presented an excellent account of your experiences with what you call ORANUR (I call it DOR but that is just a semantic note), and your discovery of how to clear it out of an area using electronic instruments. It is an excellent article and I congratulate you for it.

However, in the piece you stated TWICE that Dr. Reich had never figured out how to get rid of it -- how to clean an area. I beg to differ with you on this point. I was Dr. Reich's research associate at the time and he *did* find a way to bring the levels down to tolerable limits. I am attaching an account of just how this was accomplished. We never did clear it out completely -- for example -- the building rocks of the observatory were heavily infested -- suffused -- with the very noxious MELANOR and we never got to attend to clearing them up. But we did make the buildings habitable for ORANUR seasoned personnel.

Again -- Thanks for your excellent, insightful report.

Bob McCullough

Horseshoe Bend, Arkansas

Sequence of Events Leading to the Chemical Removal of ORANUR (DOR) from Infested Buildings at Orgonon, Rangeley, Maine:

For some time following the ORANUR Experiment, the Observatory at Orgonon was almost totally uninhabitable. One could only remain in it for no more than 10 or 15 minutes on good sunny days, and on stormy DORish days one could hardly enter the building. At the doorway, one was immediately *hit* by an all encompassing pressure from all sides, sharp and heavy headaches, palpitations, extreme flushing, etc.

One afternoon, Dr. Reich placed a large bluish glass ashtray on the top of the tank of a toilet in the center of the main floor of the observatory. We put some water in it and a stick of sodium hydroxide (NaOH) -- lye. I can't recall him ever saying just why he did this (then or later). The following morning on our daily check we were amazed to see that the NaOH solution had climbed up the sides of the glass, over the rim, down to the tank top and over it to the edge and

even continued on the floor! We were very amazed -- I was flabbergasted. It was a very impressive sight. But the atmosphere in the building did not seem as oppressive as usual. We decided to verify this observation.

So we put out several unglazed ceramic (dinner) plates on the tables and lab benches. We added water and NaOH sticks (the size and shape of school chalk). The next morning all the plates had incrustations of a moist chalky material around the edges. None of the material however, extended beyond the plates -- the ashtray event was unique. The inflorescence was moist and under a microscope was very alive looking (E_1). The plates were allowed to dry out -- the incrustations also died and under the microscope showed black and full of T-bacilli. The dried plates had to be remoistened or removed from the area to continue the clearing. The dried plates were quite noxious.

The oppressively charged atmosphere of the observatory cleared up dramatically and it became possible to work in it again for extended periods.

Later we tried using other solutions in the plates. Most bases seemed to work well -- but none as well as NaOH. Acids either had no effect or were even negative in their reaction. Surprisingly sodium chloride (NaCl), table salt, worked quite well and it was used in further development of the process.

Why did this work? We did not know for certain. Dr. Reich speculated that the heavy concentration of DOR was of such a dehydrating nature that it acted as would a herd of extremely thirsty cattle coming into a water hole. Pure water would not do it -- but these basic solutions did the job. But this was pure speculation -- we never did find out the why.

After clearing out the noxious atmosphere of the observatory, we similarly cleaned the student's laboratory and other buildings at Orgonon. We never did clean them completely, but did reduce the contamination to tolerable levels except on the worst days.

Robert A. McCullough

24 August 92

Peter's response:

Thank you very much for your kind letter of acknowledgment and recognition concerning my recent Fizix Korner column in the *Journal of Borderland Research*. While the article caused a small storm of response, no letter I received was more enlightening than yours. Thank you for restating Dr. Reich's procedures for cleaning DOR infested build-

ings. While I vaguely remember reading of this procedure, I guess it didn't leave a deep impression in my memory because it was not a complete cure for the problem.

In contrast to Dr. Reich's chemical methods, the **SpaceCrafter** and **Radiation Rectifier** devices completely clears and neutralizes 100% of the DOR and Oranur infestations with a single pass until acted upon by another disruptive source. Reich did not have this level of success, by your own admission, and this is why I stated it as such in my article. Dr. Reich was a great genius and I have no doubt that he would have solved these problems completely had he lived. I want you to know that I have only the deepest respect for Dr. Reich and any of his associates (including you, sir) who participated in those very important discoveries.

This brings me to something in your letter that troubled me. You state that what I call Oranur you call DOR and that the difference is just a semantic one. With all due respect, I could not disagree with you more. My understanding is that DOR and Oranur are definitely two separate and distinct qualities of Orgone and their differences are important to enumerate. First and foremost is the fact that Reich never gave any of his discoveries more than one name each. Without presuming to do anything other than refresh your memory, my understanding of these matters is as follows.

DOR was discovered as an outgrowth of Reich's early work in character analysis, but it was the Oranur Experiment that provided large quantities of DOR in the open environment for him to study. As viewed in the open atmosphere, DOR appears as black energy particles moving around where as healthy Orgone appears as white energy particles. In high enough concentrations, DOR precipitates into the physical as a non-elemental form of matter called Melanor, which is a black powder. Thus, in all of its forms, DOR is black and totally non-luminous. Also, DOR is contained and segregated from healthy Orgone by the process of sequestration. DOR is formed under a wide variety of circumstances that inhibit the natural pulsatory behavior of the Orgone, such as blocked orgasms or unexpressed rage.

Oranur, on the other hand, is a chain-reaction in the Orgone Energy field. In high concentrations it illuminates as a reddish-purple color, otherwise it is invisible and it never precipitates as visible matter. Healthy Orgone cannot contain or sequester Oranur and is quite often infected and transformed into it. Oranur is formed as a specific response of the Orgone to the action of nuclear decaying material and never forms spontaneously as a by-product of a disturbed character struc-

ture.

While there are other differences between DOR and Oranur that I know of, those mentioned are enough to make my point. While Reich's writings make these distinctions plain, to most it may seem like knifepicking at the fringe of a totally obscure topic. For the purposes of clarity, however, the differences are important. I am grateful to you for bringing to my attention the fact that the distinctions between DOR and Oranur are not always clear even to seasoned researchers.

In my article, I describe DOR as patterns within the Life Force that are destructive to living processes while I describe Oranur as a condition in which the Life Force has lost its ability to be patterned at all. This simplified description of the character of these two deadly forms of Orgone energy is an attempt to make a very complex topic a little more understandable to the average reader. I hope that my introduction of the concept of "patternability" helps to clarify the differences between DOR and Oranur.

Your description of Reich's chemical methods of DOR clearing is very instructive and I am sure the BSRF Associates will appreciate the information. So, if you have anything to add to all of this, send it in and we'll be happy to include anything more you care to submit.

Thank you, again, for your kind letter and may God bless you.

Sincerely yours,
Peter A. Lindemann
Fizix Korner

THE RIFE WAY

The gentleman who introduced my partner and I to the Rife technology was visited three times by the F.D.A. in March 92. Our research was already at a crawl, but this put every piece of equipment in hiding. In the meantime I've been given a diathermy machine, which is probably against the law for me to plug in the wall. My goal is to get this diathermy machine to resonate or explode microbes through the air under the microscope and on video. I plan on placing gated audio range square waves on the 27MHz that diathermy units put out. The units have what looks like a "ray tube". Diathermy machines were popular in the 70's for physical therapy. They heat muscle tissue. The insurance costs on diathermy machines has taken them more or less off the market. Anyone who has schematic plans or any paperwork on a Burdick M.W. 200, please photocopy and send on. I'll keep you all posted on my research through the Journal.

Mark A. Simpson
Box 71008, Dallas Texas 75371

MWO CORNER

First of all I would like to say how much I enjoy *The Journal of Borderland Research*.

There have been a number of articles in your publication concerning Multi-Wave Oscillators. There is some question as to how effective is the modern MWO such as built by Super Science, Dayton, Ohio.

The following are the results I have obtained with the Super Science unit: Tension headaches (100% effective), Hay Fever (95% effective), Arthritis (95% effective), Leg Cramps (100% effective), Poor Leg Circulation (100% effective), Early Stages of Stomach Cancer (100% effective), and Conjunctivitis (100% effective).

The Super Science MWO may not be built along the lines of a Lakhovsky MWO, but it works! It's not how it's built, but the "end results" that count!

The Super Science MWO is a quality built unit and anyone who would like to write or telephone me please feel free to do so.

Yours truly,
Winston Gandy, Jr. D.D.
3336 N. Governor Williams Hwy.
Darlington, S.C. 29540
(803) 393-6239

Thank you for your report. We encourage all others using "borderland" type devices to tell us of their experiences. The research protocol used in gaining the above percentages would be most useful, and of course would be necessary for scientific verification. Were these conditions verified via medical diagnosis before and after treatments? What were treatment times and how were results measured? In the instruction for his equipment Klark asks users to keep accurate records. This information is very important for future research. Please read on....

TEST RESULTS OF THE ELECTROSTATIC MWO

I have just completed a three-month research project with the Electrostatic MWO designed by Peter Lindemann. Being a researcher of subtle energy devices and a connoisseur of altered states of consciousness, I am very pleased with this exceptional instrument. The Electrostatic MWO is unique in many ways. First of all, it uses *no* high voltage. Its only electrical power is 110 volts used to drive or pulse the antenna. Secondly, it does not create TV interfer-

ence. Thirdly, it generates a completely gentle, non-invasive energy in the tradition of Orgone energy.

I found the Electrostatic MWO to bring about a deep mental and physical relaxation on the many test subjects that were used in the project. The relaxation response became more profound as the subjects learned to relax, surrender and let go with continual use of the device. The subjects would often go into light dream states, meditation or mild altered states of consciousness. All the subjects described having desirable results from using the Electrostatic MWO. It was always a refreshing experience. As I mentioned earlier, the effects are very much like the effects of Orgone energy. In fact, this device can be used in conjunction with an orgone accumulator to potentize the effects of both the accumulator and MWO.

As a research psychologist, I have only researched this device for the purpose of stress reduction and mood elevation and not physical healing. However, it does not take an Einstein to deduce what one hour a day of deep relaxation and cessation of thoughts would do for not only psychological well-being but for physical well-being as well.

Thank you Borderland Sciences for a truly great instrument.

Sincerely,
Norman McVea, Ph.D.
Director of Research
Oxygen Research Institute
Suite A164, 20 Sunnyside Avenue
Mill Valley, California 94941

SCIENCE FACTION

Thanks for the great article in your May-June '92 issue by Michael Theroux entitled "Science Fiction Reviewed". Reading this helped to clear up a lot of questions for me. I knew that Tesla always claimed the waves he utilized were "Non-Hertzian", but thanks to some recent credibility-straining theories put forth by a (un-named) writer regarding 'Scalar' waves, I could never put much stock in it. That, and a certain blindness which comes perhaps from too much (traditional) RF theory caused understanding to elude me. After reading the article I did as Mike suggested and went to Tesla's own words and found them to be true. In fact, Tesla wrote on this subject so often and so clearly, I found, that I was amazed that I had not understood what he was saying long ago. It is interesting how over-complicating an issue can cause one to miss the obvious! I now find myself looking at

Tesla's work (along with many other things) with new eyes.

In subsequent research I came across the enclosed article, originally from "Electronics Hobbyist" (Fall-Winter 1972) which I thought you might find interesting. The article mentions Nathan Stubblefield - I have heard of something called the 'Stubblefield Earth Battery' but have not been able, as yet, to find out anything about it. Anyone know anything about this?

Steve Freeman
Mountain Grove, Mo.

I'm glad the article was helpful in your understanding of Tesla's work. Although the column *Science Fiction Reviewed* can be a bit harsh at times, I feel it is necessary to point out the facts. As for Nathan Stubblefield, BSRF Associate Gerry Vassilatos has compiled much information on his work, which we will be publishing at a future date. We are preparing the first volumes of *The Vrill Compendium* an amazing collection of rare vitalistic science discoveries. One of the first volumes published will contain more on Stubblefield than has ever met the public eye before. *The Vrill Compendium* will be listed in our 1993 Research Resources catalog which will be mailed soon. Stay tuned....

KIND WORDS

Your Journal and work improve each year. It is truly interesting, informative, and up-to-date with an impressive range. Congratulations.

Sincerely,
Anton Kiss
Morganville, NJ

WHOLE LOTTA SHAKIN'

Latest issue of JBR is great. Some articles I can understand.

We here in the southland have quakes daily, some so strong. 2 different types -- one type window level. Can watch this energy move through the house. However the ones coming up from deep in the earth make one feel so strange and disoriented. This has been going on since April 22 and people are very edgy -- we are used to the ones that move above the earth, but the eerie ones coming up are affecting people in strange ways. The violence and actions of people are not good. As it's daily -- it is affecting the emotional and nervous systems. I do hope we can have a earthquake article that builds on the various energies they create in humans. Appreciate this.

Blessings
Barbara Brewer
Hemet, California

We appreciate your first-hand report on the qualitative nature of the quakes you have been feeling. We feel a lot of small shakers up here in northern California. The earth is on the move.

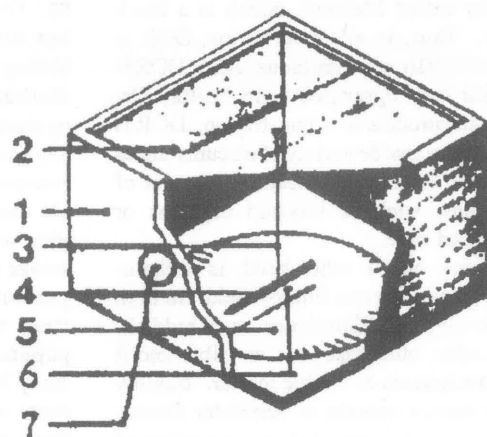
EARTH MONITOR

It was good to talk with you the other day re: your monitoring the sounds of earth energies. As I said on the phone I envisioned a whole host of electronic equipment, including a large, (and costly), reel-to-reel tape recorder. My wife, Maureen, and I have been interested in earth energies for several years. Particularly Ley Lines. We have found that these have a very definite pattern in their changing of direction

Instrument registers changes of 1/4000 of an oz. in weight.

1. Housing wood, cardboard (non-magnetic or static)
2. Clear plastic or glass cover with center hole.
3. #50 cotton twist sewing thread pretreated with water, 3" long.
4. 5" #6 gauge copper wire.
5. 360° protractor.
6. 3/4" space between copper weight and protractor.
7. 1/2" vent hole each side.

A rapid change in instrument swing to greater counter clockwise readings is related to earthquakes. Sudden hourly clockwise readings are related to tornados. Earth energy changes cause the weight of matter to become heavier before earthquakes, and lighter before tornados. Log readings each morning and evening.



on a very precise time schedule. Also the speed of this change in feet per second. Although we tried no sound was distinguished at this time of change.

I am enclosing a copy of the info re: the making of an earthquake/tornado predictor (see previous page). We have found that it is very accurate, but as I said, it does not show where and with the very lousy news that is doled out to the public it is a rare thing when we hear of the location and intensity of the quake. I am also enclosing a copy of the compass rose should you decide to build one. We have found that for best results it is necessary to place this "instrument" on the crossing of Ley Lines, on the floor protected so that those varmints (cats and dogs), cannot make their own experiment. In the building of ours I sharpened the copper wire needle then painted it with a red fingernail polish, making it easier to read. Should you so desire we would appreciate any odd findings that you may encounter sharing with us these findings and any other ideas that come to pertaining to these subjects. We will be most happy to do the same.

Sincerely,
Frank S. Sherer
Mountain Grove, Mo.

RECEIVED

A listing of books received, not necessarily reviewed. Longer reviews of selected titles will appear in future Journals.

*BIOLOGICAL ANOMALIES: HUMANS

I -- A *Catalog of Biological Anomalies* compiled by William R. Corliss, ISBN 915554-26-7, \$19.95 from The Sourcebook Project, P.O. Box 107, Glen Arm, MD 21057. This is the 12th volume in the amazing *Catalog of Anomalies* cataloged by Mr. Corliss, and the level of fascination increases as he continues to describe anomalous phenomenon in the midst of a scientific world that has self-righteously considered itself at the pinnacle of knowledge. This volume drifts a bit from listing anomalous objective facts and deals with subjective qualities as beauty in relation to human evolutionary morphology. Of course a fair share of freaky human features such as tails, full body hair and curious appendages are included, along with sections on Economics and Solar Activity & the Moon, The Mars Effect, Color Vision, Human Navigation and Sensing Magnetic Fields. You will certainly spend many years appreciating this fine com-

pilation of information. Get the whole set, you'll never regret it! (The *Catalog of Anomalies* is also available through BSRF)

* **LOST CITIES OF NORTH & CENTRAL AMERICA** by David Hatcher Childress, ISBN 0-932813-09-7, \$14.95 from Adventures Unlimited Press, Box 22, Stelle, IL 60919. The latest in a series by world traveler David Childress. Whilst enjoying his travels he digs up an amazing amount of information on ancient civilizations in the Americas. While I have read much myself on these subjects I was favorably impressed with the wide range of information and the ideas brought into view. Megalithic ruins beyond modern abilities to reproduce abound in the jungles of Central America -- some looking like ancient abandoned cities elsewhere, like Africa. The current picture and time lines accepted for the evolution of culture in Central America and Mexico are easily refuted by observations of the sites without preconceived notions. While I could not go along with all the speculations David makes on his subjects (for example I don't think that the cliff dwellings were built to hide from enemies -- once you grasp the entire range of them they appear to have been built in specific ley positions) I learned a number of new facts. Among them are more information on the subterranean tunnels around ancient sites. Most amazing of all is the info on the "Egyptian Caverns" discovered in the Grand Canyon in 1909, a vast cavern network carved into a high cliff face, now in a U.S. property restricted zone, with utensils and facilities for nearly 50,000 people. The Smithsonian, who an old article indicates was studying the site, currently denies any knowledge.

* **DIMENSIONS OF RADIONICS** -- Techniques of Instrumented Distant-Healing by David V. Tansley, D.C. in collaboration with Malcolm Rae & Aubrey T. Westlake, \$16.95 "Living in a sea of energy, we are each unique and each connected. The radionic method enables one to cross the etheric sea and make contact with another. A diagnosis of the mental, physical and spiritual states can then be made. Subtle healing energies of flower essences, gem elixirs, homeopathic remedies, color or other healing energy is broadcast back to the individual, bringing about a harmonic balance in the three bodies." A fresh reprint of this radionic classic from Brotherhood of Life, 110 Dartmouth SE, Albuquerque, New Mexico 87106. Write for current catalog.

* **UNEXPLORED ENERGY FIELDS** -- *Toward a Science of the Ether* from Yoshihiko

Tago, Tokyo, Japan. This well-done hardbound book in Japanese is authored, edited and translated by BSRF Associate Yoshihiko Tago. It is a compendium of articles on energy research by Mr. Tago and others (including material on Peter Lindemann's and Jim Murray's researches from the JBR!). Covers various generators, ball-bearing motor, variable reluctance, MWOs, radionics... I wish I could read Japanese. Includes commentaries and explanations following the articles. It is already in its second printing in Japan, so our best wishes on its continued success. Yoshihiko has also sent us a copy of a glossy magazine *POWER SPACE*, which apparently sells 50,000 copies per issue. Articles on radionics, spoon bending, megalithic sites, etc., includes a write-up of U.S. research groups including BSRF.

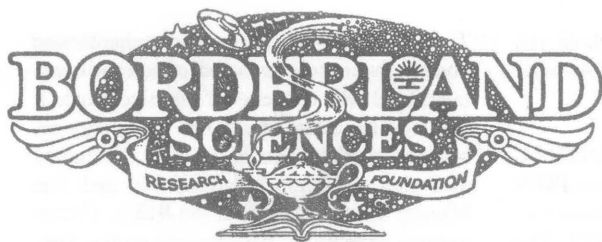
* **AZ Mind Space Magazine**, issue 12, 1992. This is a Japanese magazine oriented towards parapsychology. It was sent to us by BSRF Associate Koji Imura whose Kirlian research is covered in this issue. Contains some beautiful full-color photos of Mr. Imura's reproduction of the phantom leaf phenomenon. There is obviously a lot of serious "borderland" research going on in Japan and we appreciate our members there showing us what is up. Many thanks!!!

NEWS FROM THE BORDERLANDS

PRAYER WHEELS? "Hundreds of Japanese tyres have been withdrawn from Brunei after Muslim authorities complained that the tyre tread design resembled a verse in the Koran, officials said." *Manchester Guardian Weekly*, August 2, 1992

ARTIFICIAL STUPIDITY "In 1950 Alan Turing, a British mathematician of genius, challenged scientists to create a machine that could trick people into thinking it was one of them. By 2000, Turing predicted, computers would be able to trick most of the people most of the time. Thanks to 40 years of research into artificial intelligence Turing's prediction may well come true. But it will be a dreadful anticlimax... The most obvious problem with Rutin's challenge is that there is no practical reason to create machine intelligences indistinguishable from human ones. People are in plentiful supply. Should a shortage arise, there are proven and popular methods for making more of them; these require no public subsidy and little or no technology."

The Economist August 1, 1992



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★ **NEW!**

ÆTHERIC MUSIC FROM BORDERLAND

Mundus Subterraneus

(underground world)

by

Michael Theroux

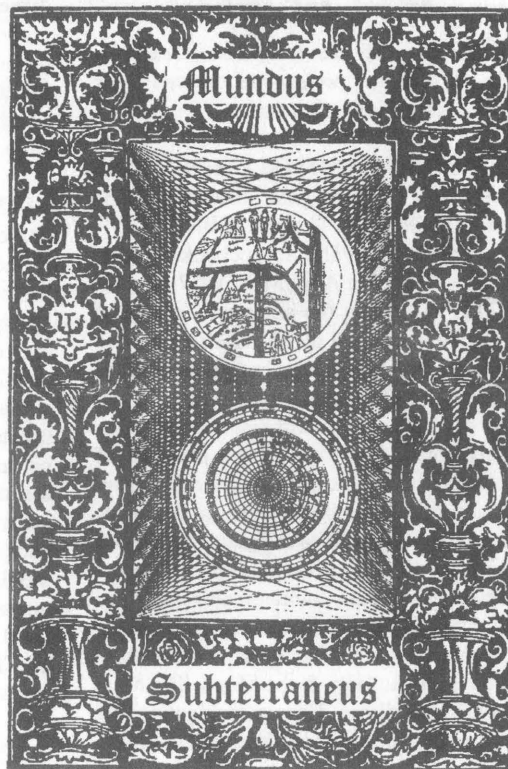
Combining a variety of instruments such as pianos, harmoniums, ethnic drums and a new instrument called the Terra Superimpodynamidæ, Michael Theroux has created an array of deeply inspired compositions that reflect the sacred geometries of subterranean energies. The title, *Mundus Subterraneus*, was taken from a rare manuscript written by Athanasius Kircher in 1665 which deals with the alchemy of telluric currents.

On several songs, you will experience the earthy sounds of the Terra Superimpodynamidæ, an instrument utilizing a number of heterodyned shortwave receivers whose antennas are iron rods driven deep into the soil! To play the instrument one merely moves the hands about in the vicinity of the device. On the title cut, the complex tonal structures of this instrument serve as a melodic backdrop for the deep gongings of an actual earthquake event!

On other compositions, Michael has incorporated radionic interval forms which relate directly to the vital processes of the earth itself. Within the motive medium of song these vital energy forms open us to the exploration of dissociating rhythm, melody, and harmony, and may even give one the feeling of timelessness.

Experiencing this music will bring you in direct contact with energy of the subterranean realms. Not simply a meditative aid...it is quite entertaining and inspirational.

Mundus Subterraneus by Michael Theroux, cassette.....\$9.95



Send orders to BSRF, Box 429, Garberville CA 95542 P & H: \$2.75, Californians add 7¼% sales tax.