

Vortex Research by Dan Shaw

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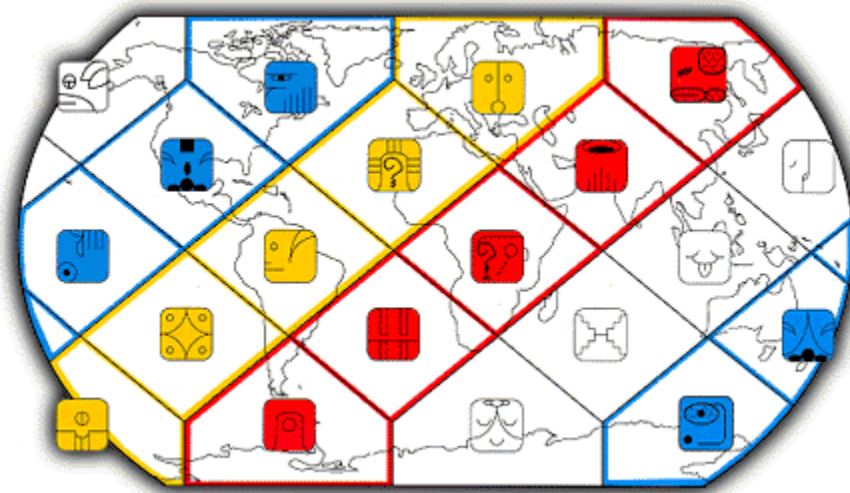


Image by José Arguelles.

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The Power of Place

by Daniel Shaw

for the Alcyone Light Center Newsletter

While I was staying at Alcyone, something happened that has changed my life immeasurably! The possibility arose that I might take a trip to Lake Tahoe, and Sylvia shared a book called *Triangle from Mountains* by "Katrina" which showed that nearby Mount Shasta and Lake Tahoe were related. That illustration is reproduced here. Mt. Shasta and Lake Tahoe both stand 700 miles from the Grand Tetons. The Tetons are at the center of a vast circle of 19 significant landforms. When a perfect 19-sided shape is superimposed on a map of North America, it can be seen that the landforms coincide with the points nearly exactly.

I was soon making a pilgrimage to Lake Tahoe, the Grand Tetons, and beyond! We all know the power of connecting with majestic mountains, sacred in the traditions of every people, and the power of bathing in the absolving waters. At these places healing and miracles can happen. I experienced many magical places, and marvelous things happened along the way, but that is a different story. Shortly after I returned, I received a letter from Dorothy Leon, who was looking for a publisher for her spectacular manuscript, *The Mystical Quest for Democracy*. Apparently she had heard of me through Clarion Chandler. Thank you, Clarion! Dorothy's letter revealed that she had written *Triangle from Mountains* using the pen name Katrina. Dorothy first observed these "Triangles from Mountains" when her husband at the time purchased an airplane. "I began going [flying] with him whenever possible. While aloft, I saw lines of Energy connecting the peaks of different mountains to form triangles. When I marked the lines on air charts, we saw that the triangles were within larger configurations." These configurations of mountains and bodies of water correspond with magnetic disturbances which are marked on standard air maps.

Dorothy's ability to see these patterns was part of a larger spiritual quest and unfoldment. She identifies these lines as "ley" lines of subtle energy and gives spiritual significance to this "Triangles from mountains" phenomenon. She writes, "At the culmination of each ley line there is a significant mountain, lake or river. When first receiving this message, it seemed to me as if the Elohim Creators had used a divine rod to precisely measure each unique spot. Nineteen equals one, symbolizing the Oneness of 'God' with all that is created. When you stand at the base of the Grand Teton, you can sense this aura of Oneness."

The whole picture came in to focus for Dorothy only gradually. After studying the Pacific Crest for some time was she inspired to see how the western points relate to the Grand Tetons and to the rivers which balance the eastern half of what she calls the "wheel with nineteen spokes". *Triangle*, now out of print, explores the numerology of the points in depth. The *Triangles* receive only brief mention in her far-ranging spiritual biography, *Clock with Thirteen Numbers*, which includes an extensive glossary, bibliography and index. Some copies of *Clock* are still available.

Inspired by my pilgrimage, and by my synchronous introduction to Dorothy, I determined to reprint and distribute her map. I enthusiastically threw myself into researching geomancy (I'm using the term here to mean the study and practice of sanctifying the earth) with my new perspective. Late one night I returned to a classic in the field, *Anti-Gravity and the World Grid*, by Childress.

The next illustration shows artifacts of the regular geometric shapes, proof that a sophisticated understanding of geometry existed in Neolithic times. These geometries were forgotten until they were reiterated by Plato.

It wasn't until 1944, though, that Buckminster Fuller invented his Dymaxion globe, on which the world grid is based.

One needn't go looking for artifacts to find evidence that ancient civilizations were well aware of geometry, the science of earth measuring. Megaliths such as the Great Pyramid, and the classic cathedrals reveal sacred geometry and proportion in their own form, as you have read in previous Alcyone newsletters. These historic sites also are placed on significant points on the earth.

In 1975, Christopher Bird (author of *Secret Life of Plants*, et al) had published a map of the "world grid" which showed that the earth's geometric structure is made up of all the regular solids. (See illustration.) The geometric (you might say crystalline) model is a useful model for studying geologic phenomena, such as wind and water currents, and seismicity (earthquakes and volcanoes). The grid marks the homes of numerous ancient civilizations including Easter Island. The world grid points also fall at unusual features like deep sea ridges, and places with unique species of plants and animals. Bethe Hagens is one of the people who have been most active in this work. Ten years ago, she and William Becker printed an "EarthStar" map which folds up into a globe.

Twice I asked Dorothy for names of people who had contacted her about the map, people who could possibly help us develop it. Both times she said no, she couldn't think of anyone. Then, in a footnote, I found Bethe gives credit to, among others, Jose Arguelles (of Harmonic Convergence and Dreamspell fame, author of *Earth Ascending* and *Mandala*) and Dorothy Leon!

It seems that Dorothy had sent Bethe some information at one time. Studying the two maps now more closely together, it became obvious that Dorothy's map of North America covers nearly precisely the same area as one portion of the world grid. The EarthStar globe was going out of print; Bethe has given permission to reprint a limited number.

For the EarthStar North America map I am printing in color the most detailed base map available; most people think it's from a satellite. Only the 19 points and the geometric mandala are marked, no man-made features or boundaries. You'll enjoy learning to recognize the natural features without any conventional reference points.

Boundaries of Home: Mapping for Local Empowerment, a bio-regional anthology edited by Doug Aberly, makes an excellent companion to the North America map. I have visited only a few of the points on the circle. I intend to visit them all, and to share the vision of a sacred place, a place without boundaries, a place that is home. I hope the maps help to connect people to the earth grid, and help to connect all the people who are working to preserve this sacred planet. Galadriel, Dorothy, Bethe: You have given much, to me and to others, thank you so much for your good work. Great is your reward in heaven.

Blessings to all,
Daniel Shaw

(The article gets its name from a book by James Swan.)

Geometric Calendars and Maps: Mayan Calendar Corresponds to the EarthStar Grid

On August 18, 1987 I was one of thousands of people celebrating a global event called Harmonic Convergence. Eight years later, I am still celebrating this event and gaining greater understanding of it. José Arguelles, the popularizer of the event which fulfilled ancient Mayan prophecy, is still active today, inciting people to burn their Gregorian calendars and to adopt the 13 moon calendar. The Gregorian calendar, imposed by Pope Gregory in the sixth century, is a Roman Catholic calendar designed to usurp the traditional, indigenous calendars that were in use by non-Christians at that time. The Vatican wanted holidays observed in the tradition of the church; non-Christian observances were dependent on the cosmic calendar. Pope Gregory's plan to usurp the natural calendar has worked too well.

The Mayan calendar, the Egyptian, the Tibetan and the Jewish calendars all are based on moon cycles. The sacred body of woman embodies the 28-day moon cycle, and her well-being is tied intimately to her being attuned to this cycle. It is just as true that the health of all beings depends on being attuned and in synch with the cycles of the universe. Many of the pathologies of modern society can be attributed to a kind of time-sickness. One way this manifests is in sleep disorders and adrenal weakness. In this time it is essential for us to harmonize ourselves with the cosmic cycles.

The Mayan calendar reflects the actual movements of not just the moon, but also the planet Venus, the Pleiades, and the precession of the equinoxes, a cycle just short of 26,000 years. The precession of the equinoxes is fast approaching its "station", its place of renewal, in the year 2012.

Time perception is integral to consciousness. People who are dissociated from the cycle of day and night, (for example being deprived of sleep, or spending an extended time in a cave) experience a shift in consciousness. The Gregorian calendar is an artifice which separates us from nature's cycles and which we would do well to discard quickly. The Gregorian calendar is linear, but time and the universe are geometric, multi-dimensional and spiral. Terence McKenna supports this view in *Invisible Landscape*, and has released calendric computer software entitled *Timewave Zero*. 90,000 investors follow the Elliott Wave Theory, which involves a moon calendar with a geometric (Fibonacci) spiral.

Calendars can either bring us more in tune with time, or distort and obscure our perception of time. Maps either enhance or inhibit our perception of the earth. Because a map is not the territory, every map to some degree misrepresents its subject. Most maps are designed to show man-made features such as roads, dams, artificial boundaries of states and other political creations. Fortunately, new maps are being produced based on the bioregional paradigm. Natural features such as watershed, and animal and plant ranges determine the content of bioregional maps. These maps often evolve from the need for local political organizations to see their place in a more meaningful and useful way than the standard maps depict. *Boundaries of Home: Mapping for Local Empowerment* thoroughly explores the power of maps to unify people. As men follow the moon calendar, they harmonize with all women. As Pope Gregory knew, calendars have a profound ability either to unify people, or to dissociate people from the past, each other, and their environment. Burning a Gregorian calendar is a subversive act.

The EarthStar globe and EarthStar North America map depict the natural geometry of the Earth, without superimposing any artificial constructs. The Earth, as Plato related in the *Timaeus*, is a dodecahedron. Ancient civilizations around the world sited and constructed their megaliths according to this spherical geometry. *Anti-Gravity and the World Grid* is the classic reference on this subject. Not only ancient civilizations, but even the builders of Washington D.C. and the Pentagon based their architecture on the world grid. The EarthStar globe illustrates the unity of the

Great Pyramid, Chichen Itza, Easter Island and the Bermuda Triangle to name only a few of the many related enigmas on this planet. When the tetrahedron is nested inside a sphere with one point at either the North or South Pole, the other three points fall at 19.5 degrees (either South, or North, respectively). These figures define our Sun's path above and below the equator known as the ecliptic. Richard Hoagland has shown that this location correlates the Cydonia complex on Mars including the famous Face, and features on other planets, such as the red spot on Jupiter. There is a five-sided pyramid at Cydonia in which Fred Mills has recognized the multi-dimensional equation, "pi equals six fifths times phi squared". We can only conjecture why the artifact was constructed to embody multi-dimensional geometry. Is it possible that the pyramid's builders had mastered dimensional travel, that they were from, or went to, another dimension?

The North American continent is defined by a triangle whose points are: Bermuda; Buffalo Lake, Alberta; and Cerro Cubabi, Baja California. Within this triangle, the Grand Tetons is at the center of a nearly perfect circle of significant mountains and bodies of water almost 1400 miles in diameter. Nineteen major points are evenly spaced around the circumference, including Sedona, Arizona, and Mt. Shasta, California. (See below.) A person standing on Mt. Shasta is directly connected to the Grand Tetons, and to all the other points on the circle. Numerologically, 19 symbolizes unity because it reduces to 1. Nineteen "equals" $1+9=10$ which reduces to 1. Also, $19^2 = 361$, one degree more than a full circle. One degree is known as "the divine needle".

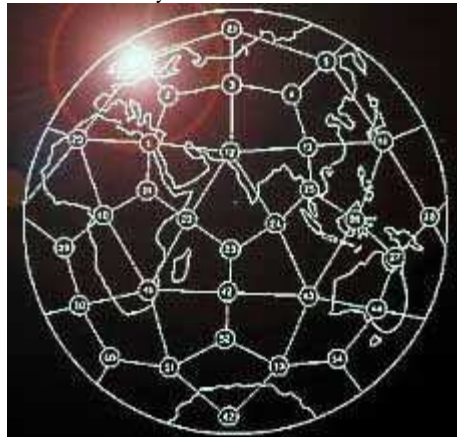
Indigenous time is directly connected to the sacred geometry of the Earth. The Mayan calendar is based on 20 glyphs, beginning with Dragon and ending with Sun. Each day is ruled by one of these glyphs. The modern day Quiché Maya visit shrines at different locations each day and perform daily rituals. "As above, so below," The 20 glyphs also correspond to 20 of the points on the EarthStar globe, to points on North America, and undoubtedly to points in the sky. Each day, certain points are 'activated'. On the Dragon day, this would be the Enderby abyssal plain, a point in southern symmetry with the Great pyramid, on the same great circle; on the Sun day, Loch More, Scotland, near Findhorn community is the corresponding world grid point. In North America, each day one of the points is activated. Dragon is the Grand Teton, at the center, and Sun is Lake Louise, Alberta. Mt. Shasta relates to the Warrior glyph and on the world grid, to Hudson Bay, which is the Earth's magnetic north pole. Warrior days include: July 28th, August 17th, September 6th, September 26th, and October 16th, (1996) Gregorian. In the Mt. Shasta bioregion, when we are tuned in to these Warrior days of the 20-day cycle, we will experience more synchronicities and miracles in our lives.

The Twenty Maya Calendar Glyphs
and their Correspondence to World Grid Points
& to Points on North America

- 0. **Imix dragon** Enderby abyssal plain/ Grand Tetons
- 001. **Ik wind** edge of Hebrides trench, southwest of Fiji/ Sullivan Lake and Red Deer River
- 002. **Akbal night** near Great Abaco Island, Bahamas/ North Saskatchewan River
- 003. **Kan seed** marshy lowlands west of Tobolsk, USSR/ Qu'appele River
- 004. **Chicchan serpent** midway between Kerguelen and Wilkes abyssal plains/ Souris River
- 005. **Cimi world-bridger** Easter Island fracture zone/ James River
- 006. **Manik hand** El Eglab, Algeria/ Missouri River
- 007. **Lamat star** Sea of Okhotsk/ Platte River
- 008. **Muluc moon** edge of Scott fracture zone/ Arkansas River
- 009. **Oc dog** edge of continental shelf southeast of Rio de Janiero/ Cimarron River
- 010. **Chuen monkey** Karachi/ Mt. Taylor
- 011. **Eb human** Gulf of Alaska/ Mt. Humphrey and Sedona, Arizona
- 012. **Ben skywalker** Eltanin fracture zone/ Colorado River (Lake Mead and Lake Mohave)
- 013. **Ix wizard** intersection of mid-Indian and southwest Indian ridges/ Mt. Whitney
- 014. **Men eagle** Iwo Jima ridge near Challenger deep/ Lake Tahoe
- 015. **Cib warrior** Hudson Bay/ Mt. Shasta
- 016. **Caban Earth** south Sandwich fracture zone/ Three Sisters
- 017. **Etnab mirror** Wharton Basin, tip of Wallabi plateau, known as "Cyclone alley" / Mt. Rainier
- 018. **Cauac storm** northeast of Hawaii/ Okanagan Lake
- 019. **Ahau sun** Loch More on west coast of Scotland near Findhorn community/ Lake Louise and Mt. Temple

by Dan Shaw

Timesickness and Healing Calendars
"Top Ten Ways to Attune to Natural Rhythms"
by Daniel Shaw



When we seem to be under time pressures, an awareness of natural rhythms can help ground and rebalance us. Many people sleep poorly, and have difficulty waking up in the morning, especially without an alarm clock and a cup of caffeine. Others have trouble staying awake during the day. Do you feel that there isn't enough time in the day or days in the week? Are you often worn out at the end of a hectic day? Do you long for a "slow boat to China" or for a sense of timelessness? Do you reminisce about the past, preferring old to new, trying to slow down the incessant march of time? Or are you the type who "can't wait" for things to happen in the future? We all feel these feelings at times, but when the feelings spur us to change our behavior, what can we do? How can we attune to natural rhythms? We can profoundly change our relationship to time by following a different calendar.

If you're a woman, why not use a moon calendar? Among other benefits, it may help normalize irregular menstrual periods. If you are a man, using a moon calendar will help you attune with women. In some cultures, women would go to the moon lodge during menstruation. Imagine the power of observing this ritual today.

The Jewish calendar is just one of many religious and cultural calendars other than the Gregorian in use by hundreds of thousands of adherents today. If you're Jewish, consider using a Jewish calendar. The Jewish calendar (more than five thousand years old!) divides the Torah into weekly readings, so that on the Jewish New Year the scroll is re-rolled and the reading begins again. Months begin on the new moon. Following the Jewish calendar will help you to unite with other Jews now, and with your Jewish heritage. Observing the sabbath, and taking a sabbatical are sure cures for timesickness. The Old Testament instructs farmers to let their fields lay fallow the seventh year. Regardless of your religion, there is something magical in the geometric ratio of 6/7, which we can embody simply by resting every seventh day.

For thousands of years the Maya have been tracking the apparent 5-sided motion of Venus which occurs every eight years (5:8 is the Fibonacci proportion) and the movements of the Pleiades. The traditional Meso-american calendars, including the Venus cycle, are described in Tzolkin by John Jenkins. Several modernized versions of the Mayan calendar are available. José Arguëlles, popularizer of the Harmonic Convergence, has adapted the classic calendar so that it has a daily reading. The Dreamspell Game is the sequel to his book, The Mayan Factor.

Ancient Egypt followed three calendars concurrently, a lunar, a civil, and one based on the cycle of the star Sirius, a cycle of 365.25 days, equivalent to the year we use today. [Every 1,461 years with Sirius's heliacal return, the Sirius or Sothic calendar coincided with the civil calendar. It was

known as the New Year and occurred in 4240 BC, 2780 BC and 1320 BC.] (Serpent in The Sky, by J. West). The timing mechanism for the planet, the great cosmic symphony, permeated man's consciousness during some previous eras, if we are to judge by the Great Pyramid and other megalithic architecture. Their geometries and harmonic proportions impart lifetimes of metaphysical wisdom. Modern astrologers require a reference called an ephemeris to chart planetary information for a specific date. The ancient calendars themselves served this purpose; the calendar was the ephemeris.

The ancient calendars of the Mayans and Egyptians were accurate to within a couple one-thousandths of a day (.0002) by our modern calculations. They found many different cycles operating in time; including 4 day cycles, 7 day cycles, 13 and 20 day cycles, 52 day cycles, and 260 day cycles. The 52 day cycle has proven useful in predicting earth changes (see the article by Krsanna Duran in the February issue of Magical Blend magazine).

Naturally, you'll have to also keep track of the Gregorian calendar to make appointments with people on other calendars. You will find that following another calendar of itself gives you an expanded perspective. Then, as you begin to get in step with the new rhythm, you will find other benefits. Perhaps you will sleep better. Maybe you'll find that you're arriving on time more often, feeling unhurried. What's wrong with our modern calendar? The calendar we know and follow in America today comes to us from the time of the Roman Catholic Pope Gregory. Setting dates for religious observances is still an important function of the clergy. Unfortunately, the Gregorian calendar is purely artificial. Months originally designated the twenty-eight day moon cycle so important to fertility and the goddess, but they no longer do. Pope Gregory named months for Julius and Augustus, and months nine and ten (November and December) were shifted to eleventh and twelfth place in the solar year. The thirteenth month ($28 \times 13 = 364$) was then spread over the other twelve, making them 30, or 31 days. Of course our year also has leap day February 29th, an inelegant solution for its inaccuracy.

Pope Gregory's edict, like the wholesale destruction of the Mayan civilization and its artifacts, shows that the institution of a new calendar is essential to the subjugation of one culture, and to the establishment of another. By disposing of our "old" Gregorian calendars, and using a new calendar, our sense of time shifts immeasurably, and we can begin to relate to time in a new way. We can still hear today the echo of the first clocks, issuing from church bell towers, tolling to regulate a monastic discipline of worship and work. The clock was in a sense the first machine of the industrial age. It not only measures time, but accelerates time. To abandon mechanistic time is to strike a blow at the foundations of industrialism.

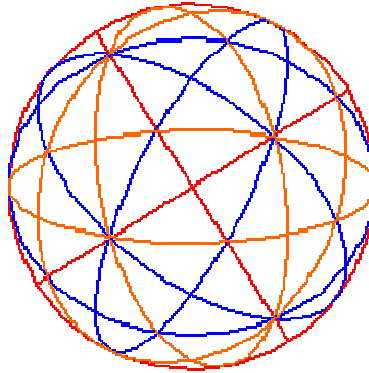
We can each shift our lives in many ways, other than or in addition to following a different calendar, to slow down the accelerated and artificial pace of modern society. Jetlag is a kind of timesickness which is commonly recognized, but poorly understood. It is a feeling of being "out of sync" which is brought on by traveling great distances, "across time zones," at jet speed. Driving cars, though slower than flying jets, also disconnects us from Earth's rhythms and warps our sense of time and space, contributing to our timesickness. In *Energy and Equity*, Ivan Illich suggests that cars built for a speed limit of about 15 miles per hour would transform our cities and benefit us in countless subtle but profound ways. Walking and biking helps connect us to the Earth and nature's pace.

Today we can study and follow the celestial calendars (along with our modern one) to better understand the timelessness of our place in the cosmic drama. When we are in harmony with the greater cycles of the cosmos, we will experience ourselves being "in the flow" and we will have more synchronicities in our lives.

Ten Ways to Attune to Natural Rhythms

1. Sleep in view of the moon, away from artificial light
2. Use a different calendar
3. Take a sabbatical
4. Rest one day a week (Sabbath)
5. Wake at dawn, sleep at dusk
6. Walk instead of drive, ride horseback, sail, and tube down rivers.
7. Eat local foods in season, cooked and eaten slowly
8. Grow a garden
9. Listen to ghandarva-veda music
10. Watch the clouds

Geometry of Consciousness & Geometric Maps by Daniel Shaw



Presented to the U.S. Psychotronics Association 1999 Conference

Let me begin by acknowledging my excitement about sharing the podium with such a distinguished assembly of speakers. My topic tonight, "Geometry of consciousness and geometric maps," begins by asserting that consciousness is geometric, and finishes by implying a relationship with maps that have a geometric quality. The apparently obscure phenomenon of geometric maps will be revealed to be almost commonplace. I intend for you to take home some practical skills to be integrated into the ritual you are already engaged in. Obviously our time limitations will prevent me from exploring this broad topic as fully as I have presented at my web site, and so I refer you to earthascending.com, and to the Conference Proceedings.

Many of you will be familiar with the EarthStar globe featured in *Anti-Gravity* and the *World Grid*, edited by David H. Childress. This geometric model of the earth has also been featured in a number of other books worth listing: Mary Hardy's *Pyramid Power*, *Power of Place* by James Swan, *Mysteries of the Mexican Pyramids* by Peter Tompkins, *Zink's Ancient Stones Speak*, *Sedona: Beyond the Vortex* by Richard Dannelley, in Bruce Cathie's books including *Harmonic Conquest of Space*, in Cathie's software, and most recently, *Gaia Matrix* by Peter Champoux.

The best known geometric globe is the Dymaxion globe by Buckminster Fuller. The Dymaxion is a geometric projection which does not purport to show the shape of the Earth *per se*, and is not within the bounds of this topic, except to note that this 'pure' geometric model is essentially the same one applied to the EarthStar globe. The EarthStar is a model of the geology and systems of the Earth.

This model, like all models, is a temporary way of thinking about a phenomenon, not the thing itself. "The map is not the territory". The acid test of a model is how simple, elegant, and useful it is. When a better model occurs, the old model dies. My opinion is that the EarthStar is a wonderful model. There are two types of people working on these subjects; the first type is the Mythmaker. These visionaries convey images which awe and inspire. For them their interior experience is the real facts. The second type is the Rationalist. Rationalists want to know "if it's real". Of course we all have some of each type. I am of the second type, mostly. When I saw the EarthStar North America map, I thought, "Cool!" Then I wanted to know how close the points came to making a perfect circle. There's a degree of futility in this approach, trying to provide a scientific undergirding for an apparently esoteric topic. The Mythmakers don't really need Science, and Skeptics far outnumber what I refer to as the Rationalists. It is as much a mistake to accept something uncritically as it is to reject something without consideration. I have gone to great lengths to apply rigorous scientific enquiry to the subject of Geometric Maps.

I must thank two of the outstanding contributors to this field, Paul Devereux and Beth Hagens. Paul, many of you know, edited the Ley Hunters Journal for many years and continues to contribute to the discipline. Beth Hagens with Bill Becker gave us the EarthStar globe as we know it. It should be said that Paul Devereux's decades of involvement have led him to emphatically refute the common conception of ley lines as "lines of energy". Instead he has taken an interest in consciousness studies, dreaming at these sacred sites. Beth and Bill for years elaborated and validated the EarthStar, and Beth is developing a SkyStar. The SkyStar shows the same geometry reflected in the sky.

The shape of the EarthStar globe is a compound of all the simpler geometric solids. In other words, a combination of the tetrahedron, octahedron, dodecahedron, cube, and icosahedron. This model is supported by natural features and man-made features. Natural features include weather systems (high and low pressure), ocean currents, and plate tectonics. At geometric points, man-made features such as megaliths span the continents and the centuries. Each of these shapes has a symbolic significance, in our Greco-Roman tradition going back at least to Plato, and only slightly different in other cultures, such as the Chinese.

These ancient man-made features support the hypothesis that this planetary grid system was recognized around the world, either consciously or possibly subconsciously, by early civilizations. The knowledge has been popularized in modern times by Ivan Sanderson, who did statistical studies of aircraft and ship disappearances to establish 10 zones of anomaly, and by Chris Bird, who in 1975 published an article in *New Age Journal* about the contributions of a team of Russians.

John Michell in *Dimensions of Paradise* besides providing a beautiful map of Stonehenge-Glastonbury geometry, gives a canon of numbers which he identifies as being essential building blocks of the universe. These include 72 and multiples of 72. This canon of numbers is remarkable for its occurrence in natural cycles and systems. One example being 144, a harmonic of the speed of light, and also noteworthy for its biblical symbolism. The universe is governed by geometric laws, and these laws govern the generation of all forms, flowers, crystals, molecules, solar systems, DNA, the earth, everything. If there is a force in the universe anything like ether, prana, orgone, chi, or whatever, it also moves in a geometric pattern. Everything develops within this atmosphere of subtle energy, and develops in response to it. The numerical canon derives from the overlap of two distinct patterns of growth; doubling, and the Fibonacci additive sequence (1, 1, 2, 3, 5, 8, 13, etc.). The EarthStar globe demonstrates these proportions, and so it has remarkable correspondences to natural cycles and other phenomena, such as planetary distances. For example, the globe is made up of 30 diamonds, each composed of 4 triangles. The sum of the distance of the sides of a triangle is 6200 miles, one quarter of the circumference of the Earth.

Speaking more scientifically, we look at electric, magnetic, and gravitational fields. Do these fields affect consciousness and physiology? By what mechanism might they affect mind and body? Can these fields be 'positive' or 'negative' for mind and body? How can we identify positive sites or build devices to emit positive energy? Some of these questions are addressed at length on my web site.

Minute amounts of magnetite in human and animal brain cells has been identified as one possible mechanism for an "electro-magnetic-gravitic effect". Other evidence exists of magnetic orientation in simpler life forms. Ample evidence is available to support the hypothesis that animals including man may be susceptible and even consciously sensitive to miniscule shifts in these energetic fields.

Let's look very briefly at each of these energetic fields in turn. The Earth and its atmosphere are completely electrified, with lightning striking virtually continuously, currents running through the ground, and biological cells conducting their electrical functions. Not to mention our man-made electrical fields. Magnetism is generated by the Earth's relation to the Sun, the sloshing molten core

of the Earth and by the newly-discovered iron crystal core approximately the size of the moon. This magnetic field gives us our wandering magnetic poles. It guides aircraft by compass, and is subject to long-term cyclical variations and short-term violent storms. Both magnetism and gravity can be measured and mapped in vertical and horizontal dimensions. In other words, we normally think of gravity pulling down. However, at the base of the Himalayas, or near any other large feature (especially ore deposits), there will also be a variation in the horizontal measurements. A standard air chart will show areas of magnetic disturbance to aid navigation. Horizontal and vertical gravity maps are available from the government.

Possible mechanisms for sacred sites influencing consciousness also include sounds beyond the audible range, and the presence of radon gas or high levels of naturally occurring radiation. These factors have been identified and measured by Devereux. To these I would also add geometry, and thoughtforms (prayer). Many sacred sites include a spring or holy water, where air may be relatively more ionized or ozonated. Note that as one descends underground into a cave, the gravity field shifts subtly as more earth is overhead.

Any healing technique that is effective can be harmful if misused. If these fields and sacred places affect the human energy field at all they may be either helpful or harmful. The Native Americans shunned a spot now known as “The Oregon Vortex.” Visitors to these spots may experience headaches and other ill effects.

These “vortex” spots where gravity and other anomalies are evident are of two types. The first is the “slanted-shack-on-a-hill effect”. These misleading optical tourist traps are best avoided. The real McCoy, however, is so common that the list fills several pages of my web site and will hopefully keep growing as more are reported.

The book, *Gravitational Mystery Spots* by Doug Vogt, shows a simple experiment using a kitchen scale to measure the force required to push a suspended weight. At a vortex, the weight requires more force to push in one direction than in the opposite direction. Trees often grow in unusual ways.

Having only touched upon vortices, or points, we must continue on to the question of alignment of points. These alignments, or ley lines, occur throughout Britain, and, as Devereux shows in *Shamanism and the Mystery Lines*, throughout the world, including Scandinavia, South America, and elsewhere. However, their occurrence is rarely the product of ancient plan. More often the identification of these alignments is the product of the modern imagination, unrelated places are aligned by no more than statistical chance. Rationalist researchers struggle with the questions of what alignments are significant, and which are invalid, that is, not statistically significant, or occasioned only by chance. Only a few alignments stand up to the scrutiny of computer statistical analysis. I say this not to discredit the modern mythmakers, only to place ley lines in the context of the best science. To me, the myths are also true.

Beyond the simple alignment of points, we come to an elegant class of geometric maps. Natural and man-made features are recognized as forming some geometric shape, as simple as a triangle or possibly much more elaborate. As I stated earlier, it should come as no surprise that landforms occur in geometric patterns, like everything else. The surprise comes when some visionary is able to recognize order at so large a scale, out of apparent chaos. And we are surprised again when we discover monuments marking these sites, as if the people of the past had recognized and revered these patterns. The best example of this is the geometry of Rennes le Chateau and vicinity, in France, mapped by Lincoln and Wood in their *Genesis* books. The story, if it is fiction, is great fiction, and if it is true, it is stranger than fiction.

The rational researcher necessarily wonders if these geometric patterns are truly inherent in the natural system, or if the pattern is an artifice, imposed on a chaotic landscape by wishful thinking. But perhaps more important than the ‘reality’ of the landscape pattern, is the recurrence of

these geometric maps throughout history and around the world. Whether or not these maps are 'true', their very existence suggests that there is something geometric about the way that we perceive, that consciousness itself is geometric. Certainly geometry provides a useful model for conceptualizing our place. This model, or any model, for that matter, is only useful to the degree that it agrees with our way of thinking.

The recognition of geometric patterns of natural features is much more common than one might imagine. Geometric maps have been drawn of many localities, including North America, South America, Africa, France, and even Mars. This geometry is fractal in that it recurs at every level of magnification. "Zoom in" on the world grid to see the North America pattern, zoom in again to see Nicholas Mann's Sedona Landscape Temple.

Working with sacred places and subtle energies

Many people are traveling and working with the earth energies at this time, intending to heal and balance the planet. One favorite ritual is to plant crystals, often in a geometric pattern. I am not one of those people who is consciously working with the energies in this way. Some people, like Dorothy Leon who devised the North America map, can see these patterns the way that some people see auras. I can sense the fields, but I don't really 'see' them. When I work with a person doing reiki, I do my best to allow the energies to come through, rather than to direct and control the energy. I believe that the energy has its own intelligence. The same is true with earth energy work. I recommend people focus on allowing and receiving. Maybe clearing, if that feels right. However, I caution energy workers not to contribute to the mess of thought forms already out there. I would say the earth needs to be listened to, more than controlled and fixed. First, do no harm.

Dannelley's Sedona book gives a fine ritual and combines the Maya calendar with the earth grid and sacred geometry in a very readable way. A number of people stand in a geometric pattern. Possibly each holds a crystal, and certain prayers are recited. The direct relationship between calendars and maps bears mentioning. To the ancient skywatchers, the horizon marked the year. Mountains or monuments clocked the rising and setting of stars, or the sun on the changes of season. The Maya observed the calendar round by making pilgrimages to different mountains, each in their turn according to the day of the 13-day cycle. Anthony Aveni mentions this spatio-temporal unity. The Maya calendar is also an ephemeris. Properly understood, the Maya date gives you the position of the planets. Our Gregorian calendar is too artificial to serve this purpose. Time, like space, has a geometric or spiral quality. The Spiral Calendar is one example of how these patterns can be recognized and applied to all occurrences, including stock market fluctuations. Terence McKenna's Timewave Zero software makes it easy to work with these cycles.

Opening to infinite energy

Infinite energy pervades the universe. This energy is available to us to expand our consciousness and to heal our bodies. To achieve physical immortality and ascension, we must practice the alchemy of opening to receive infinite energy. I recommend that people connect with the whole earth as deeply as possible wherever they are. Use whatever meditation techniques will bring you to a clear, balanced relaxation. Sound works very well, such as chanting. Barbara Hero's Lambdoma keyboard compositions and the flashing-light style brain machines utilize harmonic proportion. Focus on a geometric mandala, or on any of the geometric maps. Then focus on opening to infinite energy coming through your body. Imagine the energy flowing in from the Earth, the Sun, and the whole cosmos through the top of your head, the soles of your feet, your hands, everywhere. This energy may be felt in any number of ways, as tingling, warmth, even cramping (energy blocks). Connected breathing (yoga or rebirthing breath) will allow the energies to come in most easily. Some people may experience kundalini rising. It can be a very physical meditation. It can be different every time.

Timing is also suspected as an important factor in the activation of earth energies. Krsanna Duran uses the Maya calendar, eclipses and 13-day cycles to forecast earth changes. The weeks following the 1999 Conference will see a series of significant events; an eclipse, a celestial alignment, and the 12th anniversary of the Harmonic Convergence.

The Flower of Life meditation popularized by Drunvalo is an excellent example of a geometric meditation, especially since it includes breathwork. To oversimplify, the meditator visualizes two interpenetrating tetrahedra (a three dimensional “Jewish star”) rotating in different directions at a specific ratio. The light-body vehicle thus created is called the “Merkabah”. I believe that the Merkaba and the grid points are a kind of dimensional (or consciousness) doorway.

The universe everywhere provides us with reminders of the geometry of ascension. The natural patterns of growth, the phi ratio, and Fibonacci spiral, the shape of leaves and snow, all stimulate our consciousness. These natural ratios and proportions are the ones we should prefer in our architecture and design. Harmony leads to health, and disharmony to decay and dissolution. Entropy. Fred Mills, whose mystical illumination resulted from a geometric meditation, identified an astoundingly elegant “geometry of divinity” in the Rennes le Chateau area and in the Cydonia complex on Mars. This does not necessarily imply that Martians peopled Earth, only that these geometric patterns are common, and recur throughout the universe, and intelligent civilization. The complexity of the Martian geometry, to my mind, makes it impossible that it is a natural pattern, although I do hold that complex patterns also occur naturally.

I hope that I have succeeded in introducing the topic of geometry of consciousness and maps in a way that will spark you to further research, experimentation and dialogue.

I have listed a number of ways geometry relates to consciousness. Geometric mandalas, geometric crystal arrangements, geometric calendars and maps, geometric visualizations and sound. Use your imagination. I totally welcome your feedback and ideas at my web site.

Since everything in creation is geometric, geometry has a “sympathetic” resonance (a term of Dale Pond’s) with consciousness. Everywhere nature presents geometry that we need only to recognize and meditate on nature to spark an epiphany.

The human energy field is a microcosm of the planetary energy field, unified with it. With conscious awareness of this connection between body, psyche, geometry, and environment, we can utilize space and shape to transform ourselves, our immediate surroundings, and the planet.