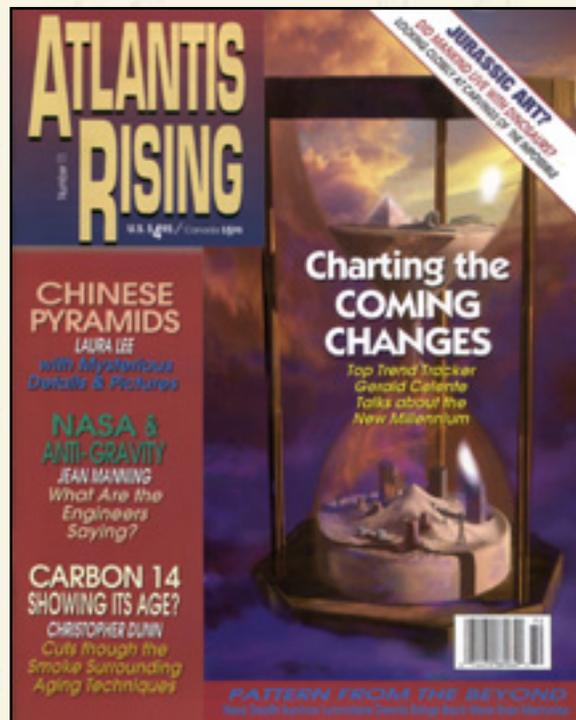


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Spring 1997

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Pyramids and pyramidal structures are a worldwide phenomena, found in Egypt, Peru, Central America, America's Mississippi Valley, France, Polynesia. Now we can add two more locations, China and Japan.

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Do we live in a magical era at the same time as we are experiencing stressful days? I find that awe and wonder are very much alive, as paradigms (worldviews) are being stretched. Individuals say their expansion comes not only from spiritual experiences, but also from exposure to scientific breakthroughs.

- **[Jurassic Art?](#) By David Lewis**

Imagine you are a traveler through time. Your awareness is vast, having witnessed the mystery of life from the beginning, and as it evolved over aeons on this blue-green sphere called Earth. You are a sage, actually, whose knowledge precedes human belief, theory and dogma. From this omniscient vantage point, you observed how it all went down, cosmically and biologically from distant inceptions until now.

- **[Signs In The Sky](#) By Len Kasten**

By the time you read this, the Hale-Bopp Comet, heralded as the comet of the century, will have made its closest approach to Earth, about 122 million miles, and achieved its maximum brightness, and will be high in the sky above the Pleiades and fading fast. By mid-May it will no longer be visible in the northern hemisphere. If you haven't seen it yet, you have missed the show, and it was spectacular, far more impressive than Hyakutake and even Halley.

- **[Souvenir From The Other Side](#) By Cynthia Gage**

January 15, 1987 was an extraordinary day for Lynnclaire Dennis. She had eagerly anticipated hot-air balloon racing over the Austrian Alps with her fiancée and a friend, what she didn't anticipate was losing consciousness at an altitude of seventeen thousand feet. As she did, she passed through a richly textured near-death experience, seeing an incredibly beautiful, highly dynamic and luminous structure she knew instinctively was profoundly meaningful, a structure she would come to call the Pattern.

- **[The Alchemist's Resurrection](#) By Mark Stavish**

Mention alchemy to someone and what do they usually think of? The Middle Ages with old men in some forgotten attic, laboring over bubbling flasks filled with some unknown fluid; or in front of an oven, trying to turn molten lead into gold. These are the images of the alchemist that time, mythology, and prejudicial history have handed down to us. It is true, that many of the early alchemists were the forerunners of the modern sciences. Physics and chemistry are indebted to these early puffers as they are disparagingly called, for from their hours of sweat and travail, a host of modern advances came: porcelain, alcohol distillation, acids, salts, and a variety of metallic compounds, are the results of early alchemical experiments. But if alchemy wasn't just a foolish waste of time in the search for a means to turn base metals into gold, what was it?

- **[The Carbon 14 Mystery](#) By Christopher Dunn**

In issue 9 of Atlantis Rising, some doubts were raised regarding the accuracy of the C14 dating method used on the shroud of Turin. In the minds of many Christians, and, undoubtedly, the curator in possession of the shroud, the dating of this artifact cannot depend on methods that are unpredictable. How accurate is the C14 dating method? And what else can be inferred from its development about our history?

- **[The Indians And The Masons](#) By Patrick Marsolek**

The Great North Trail is a major legacy of ancient man in the American West. It crosses through the United States from the Bering Strait to Tierra del Fuego and is thought to have been the major migration route of early peoples from Asia to the Americas. Along the trail are concentrations of petroforms, simple structures made of stone: circles, cairns, medicine wheels, and ceremonial enclosures. New data on the trail and these petroforms could reshape many of the currently accepted beliefs regarding their creation and function.

- **[Ultra-Violet: The Untold Story](#) By Michael Lofton**

As the days get longer and warmer our venture into the sunlight increases. Every year the confusion begins, again... Before leaving your indoors, those sun glasses best be put on and that exposed skin be protected with sun blocker lotion. Also, when you go outdoors, you need to wear a long-sleeved shirt, long pants and a wide-brimmed hat. Is sunlight truly this harmful, does it significantly threaten us with skin diseases? Considering the many media reports surrounding the sun's possible danger to our skin, another perspective may be in order...

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Features

- **[Astrology: The Cycles Of Change](#) By Kathie Garcia**

We are changing constantly. As we deal with greater or lesser changes in our personal and collective worlds, we tend to lose perspective

of where we were or where we're headed in relationship to where we are now. We of the West tend to break up our lives in terms of separate events, happenings, episodes. We lose sight of the larger cycle. We lose the thread that was there throughout all our permutations and changes; we don't usually, for example, perceive a teenager in terms of having been a child and becoming a man. We say, He is a teenager rather than He is passing through the changes we call adolescence.

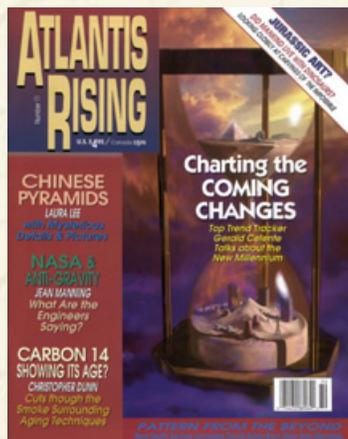
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Charting The Coming Changes

by

J. Douglas Kenyon

All change, some have argued, occurs through dramatic episode. The laws of change are the laws of drama. It's the way plants reach the flowering stage and caterpillars become butterflies, the way of metamorphosis, of redemption, and it was the heart of ancient temple practice which has come down to us as theater. From Sophocles to Shakespeare, from Goethe to Arthur Miller, the great playwrights demonstrated the laws which liberate the soul from darkness. Some understood and were transformed.

Insight into the nature of change illuminated psychoanalysts like Carl Jung who wrote of a universal process through which the base metal of the lesser self could be changed into the pure gold of a higher self through application of alchemical principles. Some, such as Arnold Toynbee, saw cycles of change unfolding through history like the processes of nature, including birth, life and death or transcendence for entire civilizations.

Knowledge of such things, though nearly forgotten by the modern alienated western mind, nevertheless, continues to haunt those with eyes to see and ears to hear. The perennial wisdom and sacred science in ancient teachings from Egyptian to Hopi, from Gnostic to Confucian guides the quest for illumination in our own

time. And while some may listen only to their own inner voices and others will try to drown their intuitions in the noise of the times, few can escape the sense that, with the dawn of a new millennium, we stand at the portal of dramatic change, a spiritual initiation, the like of which has not been seen for aeons.

Whether the coming changes will be pleasant or otherwise remains to be seen. But it is already clear that the process, if it does not destroy us, will, at the very least, shake us to the core. The great changes coming can be felt in the gut, and, like sailors with an eye on the weather, we approach the unknown, albeit inevitable, future with both fascination and anxiety.

In such a climate, it is not surprising that prophets, both true and false, should flourish. Indeed, from astrological charting to computer modeling, the business of guessing the future is booming. A series of NBC TV specials earns spectacular audience ratings by presenting a hash of dire warnings taken from selected ancient prophets and modern visionaries. From the Internet to the supermarket checkout line, from the Discovery Channel to the local library, we are presented with a blizzard of predictions and mass-produced personal advice of dubious value.

In the thriving map-market on the frontier of the new millennium, the advantage is with the purveyors of prognostication. By the time advice can be tested, it'll be too late for a refund, so it makes sense to check the history of the charter before following the proposed route.

Unlike many of the opportunists eager to cash in on the public's appetite for such guidance, Gerald Celente and his Trends Research Institute are no Johnnies-come-lately to the prognostication business. In fact, says CNBC There is no better trend forecaster than Gerald Celente. The network credits Celente and his company with a proven and unsurpassed trend-forecasting track record, citing him for predicting the October 1987 world stock market crash eleven months before it happened, warning of the war in the Balkans and foreseeing the fall of the Soviet Union, the collapse of the Mexican economy and the 1990 U.S. recession. Celente's reputation for seeing and acting on future developments well before the herd is legendary.

In his new bestseller Trends 2000 (Warner Books, New York) he parlays the collective wisdom of 25 of his institute's resident experts, including himself, into a comprehensive picture of the next millennium, including individual spiritual reawakening, an energy revolution, rediscovery of ancient wisdom, nuclear and environmental disaster, a new era of social responsibility for corporations, and a global age that will usher in a new, widespread sense of the sacred; new family, government, and religious values to replace the outworn institutions of the industrial age.

John Anthony West, a close collaborator in Celente's work and frequent critic of the modern age, has often pointed out we didn't just go from dumb old cavemen, to smart old us with our striped toothpaste and hydrogen bombs but we learned from civilizations already in place. So it should not surprise one to learn that Trends 2000, seeks, for its analysis, to draw upon ancient wisdom. In fact, the book begins with an explanation of the precession of the equinoxes, the great cycle of astronomical change which is at the heart of much of today's breakthrough research by pioneers like West, Graham Hancock and Robert Bauval

into our legacy from the ancients. Celente, however, does not impute any special access to future events to ancient prophets. He relies instead more upon a thorough reading of material gathered from every quarter of the world and from every discipline. The secret, he writes, lies in putting together the relevant evidence and coming up with the correct big picture.

Easier said than done, but few can argue with the results.

The Trends Research Institute was born and initially funded from Celente's discovery in the '70s that he could make money in the commodities market by following through on his personal assessment of events, in particular those in Iran. I started to think, he recalled in a recent interview with Atlantis Rising, I know the Shah is going to be overthrown...what are the implications? That question led to the certainty that oil and gold prices were soon going to go up, way up. I realized by watching current events, by making up my own mind rather than having the media tell me what to think, or analysts, spin doctors, I could see the current events that were forming future trends.

Today the Institute from its offices in Rhinebeck, New York publishes The Trends Journal, a quarterly newsletter and a hot item among professionals whose livelihood depends upon an accurate assessment of the future. The publication summarizes newly unfolding trends (i.e., The Spring 1997 issue predicts that entrepreneurs will soon take a big bite out of today's fast-food giants by offering fast-food health food. Also ahead: an Economic Globalization Backlash (is) Building; Youth Activists (will) Target Corporate Logos, Corporate Greed and Dangers (ahead in the) Cloning Trend.

Going into the new millennium, Celente, in his book, identifies several of the major trends which he thinks will shape events:

A change in spirit, a return to an ancient ideal We are going to embrace a very difficult philosophy in the new millennium. And it's going to be built on the belief that we're not accidental glitches on an uncaring planet, and that we have a divine purpose.

Nuclear calamity Whether it happens in Russia, because of their rotting facilities throughout the former Soviet Union; whether it happens because of nuclear terrorism; or because of the mountains of nuclear problems that we have right here in the United States and around the world. So, betting on a nuclear calamity, as we say, is like betting on the favorite in a one-horse race.

An environmental age People's immune systems are going to be broken down because of the destruction of the environment....

The combination of increased fallout, more pollution, less safe food supply, new wonder bugs beating out wonder drugs is going to cause a new Black Plague, or new plagues. But, when you put together fallout, more fallout, and plagues, then you also have a real zeal and quest for health, so immune system buildup is going to be a big buzz word for the new millennium...We're going to have a lot of sickly people. By the way, this is going to address the great problem of population growth.

Trend toward health We talk about longevity centers, people are going to go on sabbaticals to learn how to take care of themselves, emotionally, physically and spiritually. We're looking at vitamin counseling becoming a profession, something that barely exists today... The other areas of growth, the biggest area in the whole fast-food area is going to be fast-food health food restaurants. Chains of places where you go to get, and we're not talking tofu hutch, you won't necessarily get soup there, you might get a chicken cutlet sandwich that comes from an organically raised free-range chicken, or a burger that was from cattle that haven't been fed hormones.

An Energy Revolution The dream of Free Energy is about to become technological reality and the single, biggest investment opportunity of the 21st century, its ramifications will extend to practically every aspect of human and planetary life.

Boomtown real estate Select commercial, residential, and retirement real estate will be on the uptrend for at least twenty-five years, buying into choice exurban and Latin American markets in the '90s will prove a sound investment strategy.

Cyber dominance America will continue to reign as the world leader in hardware and software development, this will oblige the rest of the world to communicate in cyber-English.

Technotribalism A combination of corporate downsizing, economic fallback, the home-office trend, interactive communications (especially the perfecting of the video phone), and a big push to small towns will create new postindustrial communities, visionary new social structures with shared political/economic/spiritual ideals and values.

For Celente the coming changes, for the most part, are welcome: An old age is dying. this industrial age. And that old age can be the caterpillar. And it's lived its life. And now it's metamorphosing into a butterfly. This is an age that is going to be looked upon by future historians as the dark age of modern times, the industrial age. It was a time when economic needs were put before human needs, machinery before people, materialism before spirituality, and now, of course, high-tech development before spiritual growth. It was a very destructive age. The planet was plundered.

Celente is at pains to distinguish himself from the futurists who were so popular in the '60s and '70s. What the futurists do is look beyond the present and make predictions. They rarely look at the crosscurrent of trends that develop a future, and they almost invariably disregard the present. Real life goes on and doesn't evolve in a straight line or in a perfect manner. They say they make up for this by developing different scenarios. But no matter what scenario you develop, invariably it happens differently because that is what life is all about. He cites martial arts training which seldom produces an adequate defense in a real life because a mugger never quite behaves in the formal way envisioned by the training. For Celente the mugger is the future.

Though a true believer in the power of new spirituality and environmentalism and generally opposed to the abuses of industrial capitalism, Celente does not consider himself an exponent of '60s radicalism a la Oliver Stone. I do not see myself as a

radical of that time at all, nor am I one now, he insists. The major element of the '60s that appeals to me, and that really always appealed to me, is the questioning of authority. That was a hard thing to do growing up in the '50s. It wasn't until the '60s that that became a reality. and now every authority has lost its authority in '90s.

But does the breakdown of authority mean a breakdown in society's cohesiveness? Celente doesn't think so. This false authority is built upon a standard of laws and reason that meet the needs of the authorities. In the future, he believes we will renew democracy as the people use the new technology working and educating themselves in their own homes. (Democracy) is going to be restored through the technological age in that we will be voting our choices, via computer. We're going to see less and less of a so-called representative form of government.

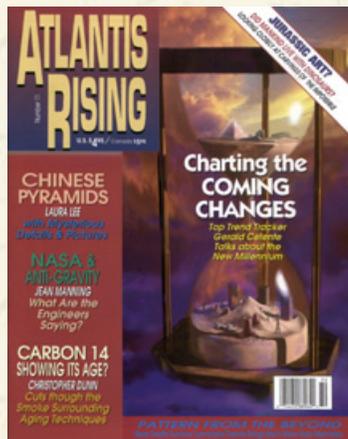
As for the danger that such a system could create a knee jerk reflexive kind of society responding, like a lynch mob, to the impulses of the moment without a proper regard for long-term needs, Celente isn't worried. Regardless of what kind of system you have, there are always pitfalls and failings that go along with human beings. And, there is no one system that's going to have all the fail-safe checks and balances that we really need. Really, the only real fail-safe system is a new morality and a spirituality.

The mood of the people upon entering a new century is very different than a hundred years ago, Celente feels. This is an era where people are very much afraid of the future, because we've lost trust in every institution. Our predicament, unlike that of our grandparents, is that we find ourselves in this time of great complexity unable to draw comfort from the simple religious outlook which served them so well. And that is where rediscovery of the gnosis (spiritual knowledge) of the ancients comes in. Only by reawakening that great, lost legacy can we find the spiritual resources to face the awesome challenges of the coming millennium.

The real change, says Celente, is going to happen when people change.

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China's Secret Pyramids

by

Laura Lee

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Pyramids and pyramidal structures are a worldwide phenomena, found in Egypt, Peru, Central America, America's Mississippi Valley, France, Polynesia. Now we can add two more locations, China and Japan.

For decades, one of the few clues that China has pyramids was a grainy, black and white photo of a huge, shadowy, pyramidal form. It is an aerial shot, taken by WWII USAF pilot James Gaussman, as he flew over China delivering supplies from India to Chungking, in the spring of 1945.

Today, thanks to German researcher and author Hartwig Hausdorf, we have many more photos, plus videotape and his eyewitness report of at least a hundred pyramids in China's Shensi Province. An e-mail message hooked me up with Hausdorf. By telephone and fax, we've been corresponding, and he was kind enough to send me two of his books in German. (Will someone please publish his books in English so I can read them?) My friend Jo Curran, fluent in German, read me selected portions of Satellites of the Gods for this article. Hausdorf's other book is entitled The White Pyramid. Hausdorf will be a guest on The Laura Lee Show, the Saturday Night radio show I host, on August 2nd. (See see ad on opposite page on how to tune in.) Here's what I can say thus far.

Hausdorf came by his invitation to Xian, China, and the Chinese pyramids, when he attended a lecture by Erich von Daniken. A personal friend who wrote the foreword to one of his books, von Daniken was the first to bring the ancient astronaut theory to worldwide prominence through a series of popular books. It was at this lecture that he met Chen Jianli. They talked about Hausdorf's research dealing with mysterious artifacts in China, including pyramids. Mr. Chen was born in Xian, and so, despite the official party line, did not consider pyramids in China to be nonsense; as a young boy, he had heard people talk of them. Through his connections in the Chinese capitol, Mr. Chen obtained a special permit for Hausdorf to travel in Xian's forbidden zones. Not once, but twice; in March and October of 1994.

The Chinese don't like to talk about their pyramids. Hausdorf couldn't help but notice that, in talking with high ranking archeologists at the Beijing Academy of Sciences about these pyramids, the reaction was one of panic. Only when shown the Gaussman photo would they reluctantly confirm the existence of just a few pyramidal structures, near Xian. That's where Hausdorf found, not a few pyramids, but ninety to one hundred such structures. There are signs that that attitude is changing. The October 1996 issue of China Today, an official periodical issued in Chinese, German, English, Arabic and French, contains an article about Hausdorf's second expedition through the Shensi pyramids.

It was there that Hausdorf found pyramids either made of, or covered with, clay that has become nearly stone-hard over the centuries. They are undecorated, and partly damaged by erosion and farming. A few have carved stones standing in front of them. What of stone pyramids? That is found in Shandong. It has no steps. It is 50 feet tall, with a small temple at its apex, designed along the golden proportion.

How old are these pyramids? Prof. Wang Shiping of Xian estimates they are 4,500 years old. Hausdorf believes they are older, and tells of the diaries of two Australian traders. They were there in 1910 or 1912 and came across some of the pyramids, writes Hausdorf. When asking an old Buddhist monk, they were told, that the pyramids are not just mentioned in the 5,000-year-old records of his monastery, but said to be very old. That means, they are at least more than 5,000 years old!

In investigating what the Chinese authorities will reveal about the pyramids, Hausdorf was told the story of an emperor, Qin Shi Huangdi, who lived between 259 and 210 B.C. Prior to his reign, bitter feuding between rival states for dominance over a splintered China went on from 475 to 221 B.C. It was Emperor Huangdi who ended the fighting. And thanks to the commentaries of historian Sima Qian, who lived from 145 to 86 B.C., we know the existence and location of the emperor's grave, beneath a hill 150 feet tall, planted with grass and trees. The hill, apparently, is man-made. According to Sima, beneath this hill is a 140-foot-tall pyramid with five terraces. The historian's chronicles state that almost 700,000 workers worked on this tomb. The earth was removed down to ground water level. This floor was then poured with molten bronze. On this platform a stone sarcophagus was laid. When the structure was completed, those who knew where the entrance was were silenced; they were entombed alive. To further disguise it, the pyramid was carefully covered with earth and grass to give the impression of a natural hill.

The pyramid's interior was quite elaborate. Sima wrote of an artificial universe painted with stars impressed upon the ceiling of the chamber in which the emperor lies. There was an entire landscape with rivers made out of mercury, somehow held in constant motion. The tomb is well protected against grave robbers, utilizing quite an ingenious security system. Crossbows with mechanical triggers make up an automatic shooting gallery, with a hail of arrows targeting intruders. For a long time, these historical commentaries were considered as mere legends. But new excavations around the outer perimeter of this hill seemed to confirm Sima's chronicles, an analysis of the earth from the immediate area of the great pyramid revealed an exceptionally high concentration of mercury. It would seem the archeologists are taking the stories seriously, as they are reticent to work around this ancient emperor's high-security tomb. We are leaving this tomb under the hill to the future, so the next generation has something to work on, says one of the leading archeologists.

Still, this emperor lived two thousand, not five thousand years ago, so such stories of elaborate tombs cannot explain all of China's pyramids. This is the only one that they can pin with a date and a purpose. The others are complete mysteries.

Wang Shiping is one of the Chinese archeologists looking beyond the standard issue explanations. He has found that one of the newly discovered pyramids is very nearly located at the exact geographical middle point of the country, and concludes that the ancient Chinese must have had astounding methods of measuring. He has also found that on the whole, the pyramids are oriented towards the stars. Which makes sense, after all, some of the oldest records of astronomical observations are Chinese. They were also wise to the ancient knowledge of Feng Shui, geomancy, still practiced today. Wang notes that the orientation of the pyramids up to the time of the Han dynasty, is with their main axis east-west. After that, they were all oriented north-south. Why that is, he cannot say, but is sure it must have a meaning, because the Chinese didn't do anything without consulting the Feng Shui.

Hausdorf also tells the story of how our astronauts saw these pyramids from space. On one of the Apollo Missions, an astronaut, while in orbit over China, saw nine unusual dots on the surface, and took several photos. When developed and enlarged, the photos revealed nine very high pyramids, evenly spaced, in the form of a fan. The location, 170 degrees, 39 minutes East longitude, and 34 degrees, 9 minutes North latitude, is the Taibai Shan Mountain, just over 10,000 feet above sea level, the highest point in the Quin-Ling Mountains, a fair distance southwest of Xian.

In the 1970s, when communication between the U.S. and China improved, the astronaut went to China. He was interested in seeing those pyramids up close. He succeeded. Chinese authorities told him the pyramids were the graves of nine of the eleven emperors of the western Han era, and dated from 206 to 8 B.C. The height of these graves, according to Chinese sources, can be compared to a 40-story building, around 300 feet. This is comparable to Egypt's Giza pyramids.

I'll wager that when mapped, those Chinese pyramids are bound to show a correlation of constellations important to the Chinese, similar to that demonstrated by Robert Bauval in Egypt, the three pyramids of Giza are aligned to one another and to the Nile, in imitation of the three belt stars of the constellation Orion, and historically, as they were aligned to the Milky Way.

Hausdorf's work in the travel industry allows him to move around the world three months of every year, chasing down evidence in support of the ancient astronaut theory. He has turned up evidence for an ancient, alien influence on several Far-East cultures, Chinese, Japanese, Tibetan, and Mongolian. He believes that alien influence can be traced to the present, to modern-day UFO cases. In both his books, he has a chapter on UFO cases in China, including abductions. (Nice to know the UFO-nauts aren't just harassing Americans.)

One of the most controversial stories is what Hausdorf calls the Chinese Roswell. It involves a UFO crash, not in 1947, but, according to estimates, 12,000 years ago! At least that's the translation, as read by Prof. Tsum Umnui, of the strange hieroglyph on artifacts found in 1938 by Chinese archeologist Chi Pu Tei. The hieroglyphs wind from center to rim on some of the large granite stone disks, 716 of them, found in graves in the Bayan-Kara-Ula mountains. The skeletons in the graves measure at most four feet four inches tall, with heads too big for the frail looking bones. Legends in the area tell of strange yellowish, skinny humanoid beings with big heads that came from the heavens a long, long time ago. For the rest of this story, and there's plenty more to it, tune in to the interview with Hausdorf on August 2.

Then there are the structures found recently off the coast of Japan. In the spring of 1995, divers looking for clear water heard about a remote island in Okinawa. There they came across huge stone terraces, cut in right angles, punctuated by perfect staircases, precisely cut lanes, and hexagonal columns. So far, five separate sites on three different islands have been found, all 60 to 75 feet under the sea.

Frank Joseph, author of *Lost Pyramids of Rock Lake* and editor of *Ancient American* magazine, went to Japan to investigate, and reports that the most accessible site is 170 meters from the southwest end of Okinawa, off the shore near Chatan. Other sites are just off the shore of Aguni Island and Yonaguni island, where a pyramidal platform 80 meters long and 20 meters high, with its tip only 5 meters before the sea's surface, was found. The structures, spread over a 500 kilometer area, seem to be oriented due south.

Joseph likens the sites to the pre-Inca city of Pachacamac, a huge, sacred city with multi-stepped pyramids built at right angles, located just outside of Lima, Peru, and the architecture of the Moche ceremonial center near Trujillo, Peru.

Joseph also points out that James Churchward, who wrote extensively about Mu or Lemuria, predicted that remnants of a powerful civilization centered in the Pacific Ocean would eventually be discovered. The Japanese are quite open to theories involving Mu; it is compatible with their own ancient traditions. And Joseph believes it is not mere coincidence that the names of Japan's first emperors contain a mu; Jimmu, Timmu, Kammu, are but a few. Mu translates to that which does not exist in Japanese.

Edgar Cayce talks more about Atlantis than Mu, says Joseph, but he did say that at one time, a land mass, and he never referred to Mu or Lemuria as a continent, always a land mass, was physically connected to South America. We now have scientific verification of this. Scripps Oceanographic has just put out a map of the

topography of the ocean, and there, off the coast of Peru, is a sunken archipelago, called the Nasca Rise, that was once above water. Today it is less than a hundred feet below the ocean's surface, and extends for several hundred miles.

The ancient Chinese also seemed to know about Mu. In 1900 a Taoist monk came across a cave containing a library, hidden away to avoid the Imperial edict given in 212 B.C. to destroy all texts dealing with the ancient past, which made reference to the Motherland, Mu, and which contained a fragment of an ancient map depicting a continent in the Pacific Ocean.

Television and magazines in Japan have had a field day with their underwater cities. Ancient mysteries researcher and translator Shun Daichi sent me a videotape with serious and extensive TV coverage that included a large, beautifully executed scale model of one of the most impressive structures, with a toy boat suspended by a wire to illustrate the height of the sea's surface. Shun reports that you can draw a straight line connecting the underwater sites with on-land sites of similar design, ancient castles of unknown origin. Some geologists are surmising that the last time this area was above water was a minimum of 12,000 years ago, when the Ice Age ice sheets melted, raising the ocean levels.

Which leads me to two of the most puzzling questions I have about these extraordinary archeological wonders: Why, in the age of instantaneous global communication, did it take two years for the news to reach us, and why haven't American news reports or archeological institutes reported on these newsworthy finds?

Thanks to Hartwig Hausdorf for generously allowing the publication of photos of the Chinese pyramids from his collection. He will speak at the Ancient Astronaut World Conference, along with many other speakers, several imported from afar, in Orlando in August. Call 847-295-8899 for a brochure. And don't miss the chance to hear and talk with Hausdorf live, on The Laura Lee Show, on August 2. Call 1-800-243-1438 for a station near you and the time of broadcast in your area. To view photos of the Japanese underwater structures, visit www.lauralee.com, click on recent guests, then Japan's Underwater Cities Thanks also to Jo Curran for translating selected segments of Hausdorf's book, *Satellites of the Gods*.

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Escape From Gravity

by

Jeanne Manning

Do we live in a magical era at the same time as we are experiencing stressful days? I find that awe and wonder are very much alive, as paradigms (worldviews) are being stretched. Individuals say their expansion comes not only from spiritual experiences, but also from exposure to scientific breakthroughs.

When they see the impossible becoming possible, it seems, people are thinking more about the primal sea of energy that supports such marvels. Consider two small examples of paradigm-expanders, a tiny levitating toy in the USA and a perpetual-motion sculpture in Norway. And in the larger physical arena, according to visionary engineers, our collective worldview is expanding because we are closer to starship travel than most people believe.

Starships? Yes, anti-gravity technologies may literally get off the ground in the near future. Scientists are taking seriously the possibility of an inertialess drive for spaceships.

OVERCOMING INERTIA = LIFT-OFF

Inertia is the tendency of objects in motion to keep on moving in the same direction, and of a body at rest to remain on the sofa. When you are standing on a

bus which starts with a jerk or stops suddenly, inertia is the force that throws you onto the floor.

Then there are the g-forces contorting faces of people in an accelerating rocket. Gravity and inertia must be overcome somehow if spacecraft are to perform tricks attributed to supposedly extraterrestrial objects in the sky. Viewers, including airline pilots, have described unidentified craft which make sudden sharp turns without reducing speed, or which accelerate from hovering to high speed. For occupants of a spacecraft to survive the sudden changes of location, inertia would have to be canceled or manipulated in and around the object. This would be in effect a controllable gravity field. The possibility of inertialess drive is nearer to us, because mainstream scientists now have a picture of what might be the cause of inertia.

A few years ago the respected physics journal, *Physical Review*, published a paper by B. Haisch, A. Rueda and H.E. Puthoff, with a theory about inertia. They point to the fact that what is popularly known as empty space is not empty; throughout the universe it is seething with zero-point quantum fluctuations of electromagnetic energy. The three physicists suggest that interaction with this zero-point field causes both inertia and gravity.

If we understand that interaction, can we go to the stars? Maybe understanding it is a first step. More recently, one of those three physicists, Dr. Hal Puthoff, elaborated. In the science magazine *Ad Astra*, he writes about the vacuum of space as an energy reservoir, with energy densities as powerful as nuclear energy or greater. If the zero-point field (ZPF) could be mined for practical use, it would, everywhere in all galaxies, supply energy for space propulsion.

How would it work? Puthoff gives clues, such as a phenomena called the Casimir Effect which pulls closely spaced smooth metal plates together. Another researcher, Robert Forward, has demonstrated how electrical energy could be taken from the electromagnetic fluctuations of the vacuum by manipulating this effect. Puthoff also cites a paper by his co-authors, Haisch of Lockheed and Rueda of California State University, along with Dr. Daniel Cole of IBM. They propose that the vast reaches of outer space constitute an ideal environment for ZPF acceleration of nuclei and thus provide a mechanism for powering up cosmic rays. He mentions a report published by the U.S. Air Force about the possibility of using a sub-cosmic ray approach to accelerate protons in a cryogenically cooled, collision-free vacuum trap and thus extract energy from the vacuum fluctuations...

What it boils down to, Puthoff says, is that scientific experiments indicate that human technology can alter vacuum fluctuations. This leads to the related idea that, in principle, we could also change gravitational and inertial masses.

Puthoff points out that accepted theories up until now only looked at the effects of gravity and inertia, instead of at the origins of these fundamental forces. He notes that the first scientist to hint that gravity and inertia might be rooted in the underlying vacuum fluctuations was the Russian dissident Andrei Sakharov, in a 1967 study.

Concluding his *Ad Astra* article with a quote from science fiction author Arthur C. Clarke saying that highly advanced technology is indistinguishable from magic,

Puthoff adds that fortunately such magic appears to be waiting in the wings of our deepening understanding of the quantum universe in which we live....

FROM SCI-FI TO NASA'S NEW TEAM

Arthur C. Clarke honors Sakharov, Haisch, Rueda and Puthoff in his latest novel, 3001: The Final Odyssey. Clarke names his fictional inertia-canceling space drive SHARP, an acronym made of the four scientists names, and 3001 cites their Physical Review paper as a landmark. In a commentary at the back of his novel, Clarke notes that controlling inertia could lead to interesting situations. For example, If you gave someone the gentlest touch, they would promptly disappear at thousands of kilometers an hour until they bounced off the other side of the room a fraction of a millisecond later.

It takes a sci-fi writer to present the extremes of what could be possible. On the other hand, institutional science is closer to near-future prospects for technological change. One institution, the National Aeronautics and Space Administration (NASA) is assembling for a breakthrough propulsion laboratory, a team sparked by Marc G. Millis. Millis, of the Space Propulsion Technical Division, NASA Lewis Research Center in Cleveland, last year wrote a technical paper about the new theories which suggest that gravitational and inertial forces are caused by interactions with the electromagnetic fluctuations of the vacuum.

So it now appears respectable to say that anti-gravity devices are possible, and that they could conceivably operate by manipulating the free energy in space, otherwise known as ether or aether.

There have also been studies suggesting experimental results for mass-altering effects and a theory suggesting a warp drive', Millis says. With the emergence of such new possibilities, it may be time to revisit the notion of creating the visionary space drive'. A space drive would propel the perfect starship, it could use the fundamental properties of matter and space-time in order to whisk itself to anywhere in space without having to carry and expel an explosive fuel.

Will sci-fi travel to our neighboring stars become a reality in our time? Breakthroughs in science are needed, say Puthoff, Millis and others, breakthroughs such as a self-contained propulsion that needs no propellant. To chart a path toward such discoveries, Millis imagines different types of space drives. His hypothetical drives show the unsolved challenges that NASA must meet, and his paper breaks the problem up into research goals such as:

- Discover a way to asymmetrically interact with the electromagnetic fluctuations of the vacuum.
- Develop a physics that describes inertia, gravity or the properties of space-time electromagnetically. This research could lead to using electromagnetic propulsion technology instead of burning fuel.
- Find out if negative mass exists or if its properties can be synthesized.
- If negative mass doesn't exist, then a goal would be to have another look at concepts of the ether or other physics principles.

The hypothetical field drives such as diametric drive, pitch drive, bias drive,

disjunction drive and his collision sails are too technical for this article. The point, however, is that times have changed. Previously, prospects for creating a space drive seemed too far in the future to justify NASA's creating jobs in such research. But now we have a team approach to the space drive challenge.

The vision is clouded elsewhere, however, by academics fear of being associated with controversial concepts such as antigravity. Recently a scientist in Finland brought an unwanted flood of reporters to his university when his work, finding that spinning a super conducting ceramic under an electromagnetic field caused materials suspended above it to lose weight, was published in the London Times. The situation has parallels to the experience of Drs. Stanley Pons and Martin Fleischmann when they announced tabletop cold fusion in Utah in 1989 and were hounded out of the country.

The materials scientist in Finland, Eugene Podkletnov, formerly with Tampere University, blames the popular press for sensationalizing his work and therefore ruining his project. But he recently told magazine writer Rob Irving that in five or seven years the antigravity effect could have been used to help replace polluting jet airplanes.

OUTSIDERS CLAIM ANTIGRAVITY

During the last half of the 20th century, individuals working without institutional funding have also apparently made antigravity breakthroughs. David Hamel of Canada, the late T. Townsend Brown of the USA and John Searl of England are among them. Brown was university-educated and at times had one foot in the military's door, but Hamel and Searl are completely outside of the mainstream. The two have much in common.

For the first edition of *Atlantis Rising*, David Lewis wrote an article, *Is Anti-Gravity in Your Future?*, about the unpretentious John R.R. Searl. The British inventor appears to be a simple, honest man, gifted with an earnestness and a grasp of science that transcends his presentation...his grammar and speech are poor, his accent thick...no glib or polished spokesman which, ironically, adds to his credibility. Lewis remained prudently skeptical, but related the Searl anecdotes.

Searl invented what he called the Searl Effect Generator (SEG), which he claims has powered flying discs. Not little Frisbees, but models that could make a serious dent in any airplane they might accidentally ram. However, he didn't set out to make anything fly; he only wanted to produce power. In 1952, Searl is said to have built a fourteen-foot spinning SEG which created an exceptionally high voltage. Instead of braking its speed, the SEG accelerated, ionizing the air around it. It broke away from any connection with the ground and disappeared into the sky.

Remember, this allegedly happened in the 1950s. Why didn't university professors and other government-funded researchers investigate Searl's claims? Part of the answer is that they would have been ridiculed. Even as recently as twenty years ago, NASA, for example, was less open than it now is to the non-conventional ideas. In the 1970s a NASA consultant, the late Dr. Rolf Schaffranke, was forced to write under a pseudonym, Rho Sigma. The result was a small book titled *Ether Technology*. It told the story of Searl, along with that of T. Townsend Brown,

whose experiments also pointed toward space flight without stress and without pollution.

A decade after Schaffranke's book came out, in 1989, he was in Einsiedeln, Switzerland, when about 900 engineers met for the Swiss Association for Free Energy conference. One advertised attraction which brought me to that conference was the chance to hear the legendary John Searl. In a packed side-room the night that Searl arrived, the beleaguered inventor, now in his sixties, was welcomed warmly. He responded with an emotional outpouring of his story of hardships and harassments including a disastrous fire which burned both his equipment and his own skin. He publicly vowed that nothing could stop him now. However, it is not easy to pick up the pieces of a tattered dream. Whether or not he is able to recreate his flying discs, perhaps others will build on Searl's inspiration.

POWER TO THE PEOPLE

Searl's story parallels David Hamel's in many details. Hamel is self-described as a simple man, a carpenter, who left his formal education behind after the fifth grade. For the past two decades he has built experimental devices which incorporate magnets, with unexpected results such as an experiment exploding through the roof of a garage workshop. Later Hamel built an eight-foot model of his machine, on top of a scaffolding in his front yard. When he set it into motion one night, it created a colorful aura of ionization around itself. To Hamel's dismay it rose into the air, soared higher and higher, and sped out of sight in the direction of the Pacific Ocean.

Instead of rejoicing about this proof that he could build a flying device, Hamel was dismayed that his investment in magnets had flown away. He is now building a large model out of polished granite and other heavy materials. When it is completed, Hamel will make certain that he has a large audience to watch the test run. His colleague on the West coast of Canada, electronics specialist Pierre Sinclair (see photo), is equally determined to liberate us from outdated technologies. Sinclair is selling a video for technicians who want to build the Hamel device, and will use the proceeds toward the cost of completing his own model by next year. After these new approaches to generating electricity and new transportation possibilities are proven, they intend to give their knowledge to the people of the world, and not merely to a select group.

ARE WE READY FOR LIFT-OFF?

Also intent on empowering people, marketers of an antigravity toy are taking the public-education route, and having fun while spreading awe and wonder. The Levitron is a top that achieves sustained levitation while powered only by permanent magnets. One marketer includes a flight kit with instructional video on the art of levitation. Mike Stewart of New Mexico tells me that more recent magical developments to educate people include a perpetuator which pulses the Levitron and keeps it going indefinitely. The whole understanding of magnetism is up for grabs, Stewart says.

Watching this top hovering above its base for five minutes, I see clean-energy and antigravity possibilities for our future expand before my eyes.

As for the question can we go to the stars?, perhaps we should phrase it as in the children's game, Mother, May I... Mother Earth, may we...? If there were an entity embodying Mom Earth, I think she would reply, You can go and play among the stars after you've cleaned up your mess here at home!

Mess, what mess? We could ask one of the scientists I met at conferences where he was a speaker in the 1980s (including the above-mentioned one in Einsiedeln, Switzerland). Adam Trombly founded an information network called Project Earth. Always he spoke eloquently about the state of the planet and provided abundant facts to back up his urgent messages. Trombly's message is now on the Internet at www.projectearth.com.

He also invented a non-conventional generator to harness the zero-point fluctuations of the vacuum of space. I view his technology as yet another star on the horizon beckoning us towards an exciting future. By first learning how to work in harmony with nature on our own planet, in my opinion, we could prove that we're mature enough to handle these advanced technologies responsibly, and then, let's go!

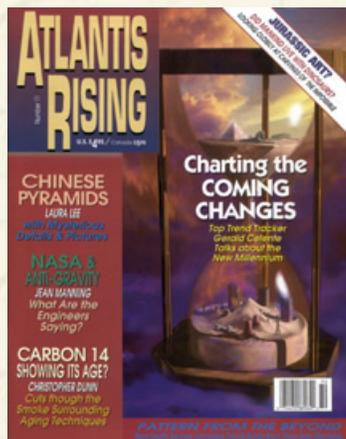
Jeane Manning is author of *The Coming Energy Revolution*, published by Avery of NY. The book has a resource list of New Energy groups and publications, and stories of inventors and what their work means for us all.

The public as well as technical people can learn about New Energy at a conference on the topic in Denver, Colorado on May 23-26, sponsored by the Academy for New Energy (phone 970- 482-3731, website: www.acad4newenergy.com).

Thanks to Remy Chevalier for the Arthur C. Clarke 3001" info.

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Jurassic Art?

by

David Lewis

Imagine you are a traveler through time. Your awareness is vast, having witnessed the mystery of life from the beginning, and as it evolved over aeons on this blue-green sphere called Earth. You are a sage, actually, whose knowledge precedes human belief, theory and dogma. From this omniscient vantage point, you observed how it all went down, cosmically and biologically from distant inceptions until now.

In the late 20th century, though, you find that ideas about human origins are only an approximation of what you've witnessed. And how could it be otherwise, given the minuteness of the human intellect compared to the depth of this mystery?

Challenging the rigidly held dogmas of the modern era, you find, can be perilous. Theories about extremely ancient human origins face outright derision in many circles, especially if you talk about man having lived at the time of the dinosaurs. Only the brave or foolish dare entertain such heresy, ideas so out of sync with the mainstream as to be considered nonsense.

Yet producer Bill Cote, creator of the NBC special *The Mysterious Origins of Man*, decided to do just that in his new documentary video *Jurassic Art*. Cote took on

two of the most controversial cases, the Peruvian Ica (not Inca) stones and the Mexican Acambaro figurines. Both cases allegedly reveal evidence that ancient peoples lived at the time of the dinosaurs.

Wistfully, you smile.

The Acambaro figurines, discovered in the 1940s in Acambaro, Mexico, depict fantastic creatures that resemble dinosaurs, as well as African and European men. If verified as authentic and dated to a time before modern science's discovery of the dinosaurs, the existence of the figurines would dismantle the major presumptions of modern evolutionary theory, and, in fact, much of the scientific and academic establishment.

The Ica stones are a collection of thousands of inscribed stones found near the mysterious Nasca Lines in Peru. Many of the stones depict Pterodactyls, T-Rexes, and humans cavorting with Stegosaurus. Who carved these mysterious stones? Some ancient artist who somehow knew about dinosaurs, or a modern prankster? The answer to those questions remains a mystery. Except to you, of course. Dating both the Acambaro figurines and Ica stones has proved inconclusive. Unfortunately, both the stones and figurines have been removed from their original settings, making reliable dating difficult, if not impossible. In the Peruvian case, the curator and discoverer of the artifacts, Javier Cabrera, a medical doctor, refuses to reveal the location of a cave where he allegedly found the stones, leading archeologist Neil Steede, who investigates both cases on Cote's *Jurassic Art*, to question the doctor's story.

Mainstream science has, as with most controversial finds, called these cases hoaxes, or just plain preposterous. But Cote keeps an open mind in his documentary, walking a fine line between truth and entertainment, he told us. The bottom line is...if a scientist looks at [these cases], Cote told us, and says it can't be real because it has dinosaurs in it, so let's not even bother, that's not fair.

In a way, you muse, Bill Cote tried to horn in on your sacred territory, your omniscience regarding human origins, as had many before him. ...Charles Darwin and the author of *Genesis* come to mind. Cote, though, had the good sense to reserve judgment, to follow where the facts would lead (on video yet), even if they led to uncertainty in the end. That uncertainty, you observe, would serve well the high priests of modern scientific orthodoxy, the ordinary mortals who delude themselves with a sense of all-knowingness, a sense that only you possess. It is their certainty, in fact, like a hypnotic spell, that obscures the origins of the mystery. It obscures from their sight, as well, a body of evidence suggesting that man, indeed, lived in incredibly ancient times.

One spell in a state of dissolution these days, even in orthodox circles, is the widely held Out-of-Africa theory, where modern man is said to have appeared in southern Africa 100,000 years ago, migrated through Asia and then across the Bering Straits to North America, just 20,000 thousand years ago. Blowing the lid off these presumptions, researchers recently found 300,000-year-old human effects in the frozen tundra of Siberia, a date far more ancient than thought possible, and an indication that extremely ancient humans were intelligent enough to survive in a severe climate.

You smile, again, knowingly.

Orthodoxy, after collecting itself, wrestles with its presumptions. Then more evidence arrives, pushing back the date of man's appearance even further, to 400,000 B.C., the date which researchers in Germany recently ascribed to wooden spears found at an ancient lakeside hunting ground.

A profound gap in human understanding most certainly exists, you remind yourself, regarding man's prehistory and how long he has lived on this planet. Controversial evidence, which the orthodox scientific community is at pains to discuss, let alone investigate, indicates man may be profoundly ancient, having existed in periods of time that resemble Vedic and Theosophical versions of antiquity, the pralayas and manvantaras of India and Tibet, rather than modern science's relatively timid notions.

Michael Cremo and Richard Thompson's book *Forbidden Archeology* raises serious questions about human origins, exposing reams of anomalous archeological artifacts ignored by orthodoxy over the years. For the most part, these artifacts place man on earth hundreds of thousands of years before accepted theory says he appeared, much like the recent finds in Germany and Siberia. Yet some evidence, resurrected by Thompson, Cremo, and others, points toward man having existed an incredible 60 to 150 million years ago, concurrently with the dinosaurs, as the Ica stones and Acambaro figurines seem to suggest.

But what do you say?

What should and should not be beyond human belief? You've seen the theories come and go, fully invested and propped up with intellectual pride. You've seen the hypnotism that passes for science and religion. You've seen the paucity of mankind's understanding since... since when?

In 1983, Thompson and Cremo reveal, *Moscow News* reported that, in the then southeastern USSR, an apparently human footprint had been found in 150-million-year-old Jurassic rock next to a giant three-toed dinosaur footprint. Soviet professor Amanniyazov, of the Turkmen SSR Academy of Sciences, would not conclude definitively that the print was made by a human being, but admitted that it resembled a human footprint. The incredibly ancient date ascribed to the artifact may have had something to do with his reaction. This discovery has not received much attention, Thompson and Cremo write, but then given the current mindset of the scientific community, such neglect is to be expected....considering that many such discoveries probably go unreported, we wonder how many there actually might be.

Archeologist Carl Baugh has been investigating similarly juxtaposed footprints in Texas for twelve years, along the Biloxi River near Grandville. Baugh, once skeptical about the tracks, now believes the evidence for man having existed in the Cretaceous period, the time of the disappearance of the dinosaurs, is real. He and his team excavated dinosaur footprints which run alongside twelve large human footprints in a measured series. Judging by the gait of the individual who left the prints, Baugh says, the prints have to be attributed to humankind. While some insist that the prints are a well-executed hoax, Baugh counters, saying that the prints ran under undisturbed limestone ledges that he and his team

painstakingly excavated and removed. Both sets of footprints continue under the ledges, rendering the possibility of recent access to the evidence impossible.

Cremonesi, an expert on human origins, accepts the possibility of time frames for human existence far more ancient than his orthodox counterparts. He refers to himself as a Vedic archeologist, citing evidence for man having existed in vast time frames corresponding to passages in the Puranas of ancient India.

These things tend not to be as well documented as some of the earlier kinds (of controversial discoveries), he warns, but nevertheless they are there. I look for geological evidence that the bones or artifacts occur in strata of the earth known to be of the Jurassic, Triassic, Carboniferous, Devonian, Cambrian, or Pre-Cambrian periods...some sort of documentation about the age of the objects.

Cremonesi cites a December 1862 edition of *The Geologist* that reported a human skeleton being found in Macopin county, Illinois, ninety feet below the surface of the ground at the top of a coal deposit. A two-foot-thick layer of unbroken slate rock sat immediately above the skeleton, the report said. In other words, Cremonesi explains, the usual explanation that somebody might give in a case like this, that it was a burial, or some kind of earth movement [did not apply]. It was ninety feet below the surface of the ground. . . in a coal deposit (dated by the state geological survey of Illinois) at 286 to 320 million years old, the Carboniferous period... The report said a human skeleton was found, not an ape man. (emphasis added).

The June 5, 1852 edition of *Scientific American* reports that at Meeting House Hill in Dorchester, Massachusetts, a powerful explosion hurled a metal vase from 600-million-year old Pre-Cambrian rock. This curious and unknown vessel was blown out of the solid pudding stone fifteen feet below the surface, the report stated. The resulting blast hurled pieces of stone that weighed several tons. The bell-shaped vase, four-and-a-half inches tall, six inches at the base, seemed to be crafted from a zinc alloy. Some incomprehensibly ancient craftsmen, we must believe, inlaid a flower bouquet of pure silver on the side of the vessel. The artisan similarly crafted a vine and wreath at the base. Cremonesi had the rock in question dated by the U.S. Geological Survey to the Pre-Cambrian period, the oldest division of geologic time, challenging all modern dates, theories, and even conceptions having to do with human origins.

These are just some of the reports in the scientific journals, Cremonesi reports. There are others from other sources...a shoe print found by William Meister at Antelope Spring, Utah, in 1968...in Cambrian rock, over 500 million years old...It exactly matches a modern shoe print. Cremonesi tells us that similar evidence merely gathers dust somewhere. It (the evidence) is so far beyond what orthodox scientists are prepared to accept, because according to them anatomically modern humans didn't come into existence until 100 or 200 thousand years ago. This is very challenging evidence, he told us, relegated to the archeological dustbin because it does not conform to accepted dogma.

Faced with this grand mystery, the mystery of origins, and then of meaning, you recall a saying from the ancient Upanishads: Lead me from the unreal to the real,, from illusion to absolute truth. But human knowledge, the Upanishads notwithstanding, always exists within the context of human understanding. Throughout history, dogma, much of it religious, has shaped the minds of the

most serious thinkers. In recent times, religious dogma has waned, giving way to the dogma of scientific materialism, a swing of the philosophical pendulum, if you will. Quite naturally, given that science is a mere human endeavor (not from your realm of absolute knowledge) it has repeatedly faced its own fundamental misconceptions, as proponents of the Ica stones and Acambaro figurines must do, if need be. The world is not flat, it turns out. The atom is not solid, as was once believed.

But you already knew this.

To you, our omniscient traveler, what seems lacking here is mere open-mindedness, the ability to go where evidence leads without preconceptions. But in that human beings often invest a great deal of pride in their preconceptions, this may be easier than it sounds.

Charles Darwin more or less admitted his own bias in letters to a friend. His theory of gradual and inexorably slow evolution, he revealed, could have nothing to do with catastrophism, nothing sudden in earth's evolutionary history, which would hint at biblical notions of human origins. His followers have adhered strictly to scientific materialism ever since, disallowing anything but purely physically based theories about the origin of life. Challenging scientific materialism's time line, then, the Out-of-Africa doctrine that depicts a purely linear descent from ape-like human to modern man, raises the same sort of hackles among Darwinists as challenging Adam-and-Eve does among religious fundamentalists. Ascribing an extremely ancient date to man's appearance, after all, allows for untold possibilities, even ancient lost civilizations buried far beneath the earth's surface. And the evidence for extremely ancient human origins, if acknowledged, would, in effect, negate the self-assumed mantle of authority claimed by the experts. They would hold no more sway over the minds of men than anybody else.

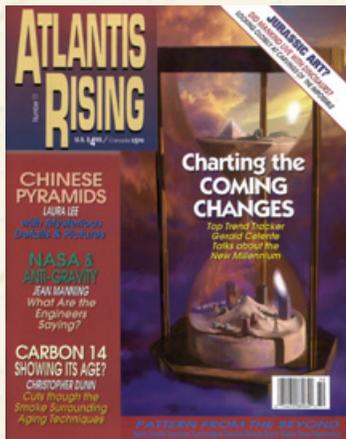
These anti-Darwinian ideas, Michael Cremo advised us, inevitably lead to a whole different picture of reality, of intelligent design and control in the universe, a spiritual component to reality, and of life on other planets.

But so it goes, you say. You have seen this all before. It's extremely challenging to the human mind, to set aside doctrines and preconceptions, to explore truth on its own terms and then to follow where that truth leads.

Lead us from the unreal to the real, you recall someone saying.

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Signs In The Sky

by

Len Kasten

By the time you read this, the Hale-Bopp Comet, heralded as the comet of the century, will have made its closest approach to Earth, about 122 million miles, and achieved its maximum brightness, and will be high in the sky above the Pleiades and fading fast. By mid-May it will no longer be visible in the northern hemisphere. If you haven't seen it yet, you have missed the show, and it was spectacular, far more impressive than Hyakutake and even Halley.

According to a recent story in USA Today, Michael Mumma, an astrophysicist at NASA's Goddard Space Center, said, It's...the brightest comet I've ever seen...This one's a whopper! It is 25 miles wide, which is four times larger than Hyakutake or Halley, is spitting out 100 times more dust, water vapor and gaseous material than Halley, and is 100 times brighter.

The astronomers tell us that Hale-Bopp is not just passing through. It circles the sun in an orbit perpendicular to our orbit about every 4200 years, which means that it intersects the plane of the solar system roughly every 2100 years. As it passes through, it becomes lit up by the sun and visible. Interestingly enough, for those alert to synchronicity, the comet's closest and brightest passage occurred during Holy Week, beginning on Palm Sunday, and culminating shortly after,

Easter Sunday. Its appearance on Sunday, March 23, was an extravaganza, since it coincided with a partial eclipse of the Moon.

Since this comet is being identified, in some quarters, as the harbinger of the onset of the tribulation, its timing lends some credence to its Christian significance, and possible role as a portent of big things to come. Gordon-Michael Scallion claims that it last appeared about 2000 years ago, which is possible since the orbit is elliptical, and therefore elongated. He claims that it was the Star of Bethlehem and came to announce the birth of His Messenger whose task was to remind man of his divine nature. If so, and if it is now the Star of Easter, and to some Hale-Bopp a harbinger of the Second Coming of Christ. Certainly, the tragic Heaven's Gate mass suicide represented one group's interpretation, albeit a disturbing one, of the comet's appearance as such an event.

Our interest in any literature that might lend insight into the real or symbolic significance of Hale-Bopp, led us to a new book that appeared to promise such an explanation. When the Comet Runs by Tom Kay, just released in the softcover (Hampton Roads Publishing, Charlottesville, Virginia) has already caught on in the New Age community, and is now starting to find a mainstream readership.

Expecting that the author would claim the Hale-Bopp comet to be the long-expected announcer of the oft-prophesied earth changes, we were surprised to find that the book was a more general treatment of the subject, and Hale-Bopp was not the focus. We later learned that the book was begun in 1992, and the final draft was already with his agent when Hale-Bopp was discovered in mid-1995. He then made revisions to include references to Hale-Bopp. But, remarkably, he had already devoted a large segment of the book to a discussion about the appearance of a comet which would proclaim the beginning of the earth changes!

He quotes several prognosticators who claim that the commencement of the entire doleful scenario will be introduced by the appearance of a stellar body. In the chapter entitled The Fiery Messenger, Kay gives dramatic quotes from diverse, and somewhat obscure, sources. Taken together they paint a vivid picture. Especially noteworthy is a prophecy by British intuitive, David Jevons, given in the late 1970s. This passage comes from Jevons book *The Wisdom of Ramala*. He says, I believe that the major Earth Changes will be initiated by what I will call the Fiery Messenger. There is even now a star of great power proceeding towards our Solar Body. The star, at this moment, is invisible to the human, or even the telescopic eye, but it is set on a path which will bring it into conjunction with our Planetary System. As it passes by it will affect the motions of all the planets of our System, therefore, will bring about changes on the surface of the planets themselves. The effect of the passage will be to set in motion the Earth Changes that are prophesied. Various lands will sink, others will rise... Jevons was asked if this star had passed through our Solar System before, and he replied in the affirmative. He was then asked if it was Halley's comet, and he answered, No, it is far bigger than that.

Kay quotes extensively from *The Earth Changes Report*, written by Gordon-Michael Scallion, to support his premise. AR readers will recall that we gave a comprehensive report on Scallion's Blue Star prophecy in Issue #6, in which we pointed out that it was connected with the Hopi Indian Kachina prophecy. In that article, we reported that Scallion believed that Hale-Bopp might be the Blue Star.

Now elaborating on this prophecy, Kay quotes Scallion, Now, imagine a star, a blue star, that moves through the heavens at (a) regular cycle, such as a comet, except this celestial object is pure spiritual energy... Kay asks, Is the comet known as Hale-Bopp the celestial visitor spoken of in the prophecies?

Because of the favorable buzz about the book, and because of the Hale-Bopp timing, we wanted to ask Kay his reasons for writing it, and to get an elaboration of his views. We met with him at his home in Virginia Beach. From our conversation, we gathered that the main purpose of the book was to simplify and explain the Edgar Cayce readings regarding the End of the Age, and to tie them in with prophecies from other sources, in an attempt to get a real sense of what is going to happen in the next few years. But, as it turned out, most of the book was taken up by the other sources, and only about 10% concerns Cayce.

Kay has a long-time connection with the A.R.E. and the Cayce teachings. He believes that a schism is developing within the A.R.E. around the likelihood of the predicted cataclysms and earth changes, reflecting a wider polarization within the general New Age community. In this regard, AR readers may recall our article in Issue #10, in which we reported that Pole Shift author John White no longer believes that a pole shift will, occur any time soon because he claims that the precursor events have not manifested. Kay stands with those who feel that the changes will probably happen pretty much the way Cayce said they would, and hence was motivated to write the book to support that position, to bring the doubters back into the fold, and to warn them to get ready. Kay says that you have to know how to interpret the Readings, that Cayce unconsciously chose his words based on the understanding and consciousness of the person he was reading for, and what they were thinking and concerned about at that particular time. Kay says of Cayce, Here's a man who could perform miracles...he was a healer...I know he made some mistakes, and I know why he made them. But I've pretty well broken the code in the Cayce readings.

We asked him to elaborate. Cayce gave a reading back in the 40s... Kay said, what he said was What is needed in the earth today is that Humanity be warned that the day of the Lord is at hand. And that always stuck in my mind...That's maybe one of the reasons I wrote the book, that people have some knowledge, or some insight... In the book, Kay discusses the phrase, the day of the Lord, showing that it was used by both Old Testament prophets and New Testament disciples in precisely the same way, to designate a time of catastrophes when the moral scales will become balanced.

We asked his opinion about the recent, worldwide apparitions of Mary, and he said, I think it's another sign, a very important sign. I think She's here to warn us too...I think She's doing it in order to heighten our consciousness. In a chapter in the book entitled, The Intense Spiritual Transformation, Kay quotes from the book, Mary's Message to the World, written in 1991 by the Texas mother and nurse, Annie Kirkwood. Mary says through Kirkwood, My desire is to warn you of the coming, trying times. I wish for you to turn to God in your hearts and through your minds, for in this way some of you will survive these catastrophic events by renewing your spiritual values. She then goes on to discuss a new electromagnetic energy approaching the earth from space that will raise the vibrations and cause the earth changes. As part of this scenario, a second sun will enter the solar system. This is in accord with Scallion's Blue Star prophecy, and strikingly similar to the Ramala predictions.

Kay's talent for rescuing some very interesting and relevant prophecies from obscurity is best exemplified by his numerous references to a work popularly known as The Grail Message by Oscar Ernst Bernhardt, who died in 1941. This book, actually entitled In the Light of Truth, is virtually unknown in the U.S., although it has been translated into 13 languages and published in 53 countries. It is based on a series of prophetic essays written by Bernhardt beginning in 1924 under the pseudonym Abd-ru-shin. The following excerpt, written before WW II, bears an uncanny resemblance to Scallion's Blue Star prophecy. For years now, knowing ones have been speaking of the coming of this especially significant STAR...It can be called the Star of Bethlehem because it is of exactly the same nature as that was. Its power sucks the waters up high, brings weather catastrophes and still more. When encircled by its rays the earth quakes... Unerringly and unswervingly the Comet pursues its course and will appear on the scene at the right hour, as already ordained thousands of years ago.

Not exactly rescued from obscurity, but certainly revived by Kay, are the prophecies of Mother Shipton, a remarkable clairvoyant of the 15th-16th century who couched her predictions in crude verse, similar to Nostradamus-type quatrains. According to Kay, Her predictions included automobiles, telephone and telegraph, iron-clad boats, the California Gold Rush and the Crystal Palace in London...the Civil War in England, the Great Fire of London (1666)...World War II, and the women's liberation movement. Kay devotes an entire chapter to Mother Shipton because of the recent discovery of an old manuscript containing prophecies never before seen or published anywhere, and they have everything to do with the comet! Fate works in strange ways, the timing is impeccable. They were written on scrolls and were kept in two jars in a locked room at the Mitchell Library in Sidney, Australia. A woman in Australia copied them down, and managed to smuggle them out thirty years ago. She sent them to Nexus Magazine in early 1995. The editor, Duncan Roads, was convinced they were genuine and published them in the February/March 1995 issue of the magazine. The lost prophecies basically paint a picture of the last days of the end of the age that correlates almost perfectly with Cayce, Scallion, Ramala, Revelations, Mother Mary, Nostradamus, and others. About the comet, she says:

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Souvenir From The Other Side

by

Cynthia Gage

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January 15, 1987 was an extraordinary day for Lynnclaire Dennis. She had eagerly anticipated hot-air balloon racing over the Austrian Alps with her fiancée and a friend, what she didn't anticipate was losing consciousness at an altitude of seventeen thousand feet. As she did, she passed through a richly textured near-death experience, seeing an incredibly beautiful, highly dynamic and luminous structure she knew instinctively was profoundly meaningful, a structure she would come to call the Pattern.

Convinced that what she had seen was a crucial healing archetype for the whole planet, Dennis has dedicated her life to understanding the message she was given. It took years for her to bring what she had seen into physical reality; receiving it in pieces through dreams and intuitive exploration. I began with four diamonds, which, when seen in the context of the entire Pattern, are not four diamonds at all, but a window into empty space, she says. Next, the center circle emerged, then, four crescents crowning the diamonds. The Pattern was completed with an unbroken line surrounding the twelve pieces, creating within it seven bridges.

For a while, Dennis asked herself why she had been chosen to experience and birth the Pattern. Now, she says, I just figure, Why not me'? I've always been a

people person; whatever Powers that Be probably figured that once I rehabilitated, I'd talk about it! The daughter of a minister, Dennis was raised in the Pacific Northwest with three brothers and a sister, in a family where feelings and emotions were suppressed. Not graduating from college didn't stop her from achieving a successful career in interior design (a talent, she laughs, that has been transformed into truly interior design) and starting a telecommunications firm, Success by Design.

I have a Ph.D. in tenacity and audacity, she quips. My nickname was Duck', because I was calm and unruffled on the outside, but paddling like hell underneath to keep everything together. Eventually, after years of trying to be the perfect daughter, wife, mother and friend, and a failed marriage, Dennis faced what she terms co-dependency issues', enrolling in a live-in clinic to discover and wean herself from self-defeating beliefs and behaviors. Gratitude is now my only attitude, says the attractive, soft-spoken recovery graduate. I really want people to know that when they're in pain, if they can think of just one thing to be grateful for, it will take you past the pain. The past is a key concept for her; Time is not linear, she says; Energy moves in a continuum and if we would consider the past a time passed we would release pain from the body. We get stuck because we stay in the past, instead of realizing that we have passed!

Dennis believes the Pattern has been released through her at this time as a matrix for physical healing as well as for inter-cultural understanding. After years of meditation and seclusion, she has great clarity as an intuitive, and uses her gifts working with healers in all disciplines. In working with the physical body, she says, we don't spend enough time hearing what's going on. Hearing precedes the seeing, if you look at the human ear, it forms one half of a heart.

Dennis is not the only one to have sensed the importance of the Pattern as a healing energy. Dr. Joan Borysenko author and co-founder of the Mind Body Health Clinic at Harvard's Deaconess Hospital, woke one morning with the sure conviction that there was a symbol she needed to learn about; A pattern I knew was going to unite the world. That same morning, Dennis awoke with what she calls a thrumming query ricocheting through my brain, Borey-who? When a friend mentioned Borysenko's name, she knew that was the connection. She called Joan immediately, and the two spoke for hours and later met in Boulder, Colorado to pursue their shared vision. Their friendship is one of many connections Dennis has found within the field of medicine. She has deliberately avoided focusing on the metaphysical community, believing that the established structures of science and medicine offer the credibility needed to build a bridge to unity in the healing professions. Along these lines, she is working with Dr. Elizabeth Targ, whose work in complementary medicine was recently Time Magazine and Dr. Helene Smith, a prominent cancer researcher.

The intriguing hyper-tetrahedral, holonomic structure is also gaining the interest of mathematicians, physicists and psychiatrists; some have expressed the opinion that the Pattern may be a fundamental structure of reality. Others feel it could reveal the mysteries of the relationship between mathematics and the physical world. Dennis herself feels that, what we're looking at is a subatomic particle of carbon.

Research is currently underway by world-renowned mathematician Dr. Louis Kauffman at the University of Illinois at Chicago, who says he was struck by the

fact that the curve orbiting the central sphere in the center of the Pattern formed a trefoil knot, something he has studied for thirty-five years. (Some physicists feel the trefoil knot, which is the simplest form of connection, has something to do with proving the Unified Field Theory'.)

Kauffman's efforts to generate a mathematical formula for the Pattern had been frustrated until very recently, when he had a revelation on the same night that Dennis had a dream; the two compared experiences and found they were nearly identical. The Pattern now has a formula, which means that it can be computer generated. This will be incorporated into the Pattern Video which Dennis calls an open-eye meditation which will allow people to enter into the dynamic experience of the Pattern. Viewers will journey to sacred sites around the world and throughout the universe, witnessing the Pattern as a mirror of Nature's own patterns in the animal and plant kingdoms. The Music of Genesis', a mathematical interpretation of the Pattern found in the ancient Hebrew letters which comprise the first verse of Genesis, provides a stirring background. Dennis (who has been told by friends that she sings in her sleep) feels that the Pattern is a living structure which generates tonal frequencies important to the balance of the planet.

She also sees the Pattern as a unifying archetypal symbol, which may be a template from which diverse symbolic forms used by various religious, spiritual and cultural traditions have evolved. The Pattern is of utmost significance as an integrating symbol that drives home an all-important Truth, how we experience and relate to reality depends solely on the position or perspective from which we choose to perceive it.

Through meditation and revelatory dreams, Dennis has received many perspectives of the Pattern. Originally appearing similar to the Star of David, she found that, when turned 90 degrees, the Pattern appeared as a pentagon surrounded by five crescents, the sacred symbols of Islam. I was astounded to see that in one simple turn, hearts forming a six-pointed star became five half circles, she says. What I also saw, she remembers, were three perfectly balanced ellipses that looked like the symbol for the atom. And when she looked at it from above, Dennis says the Pattern of hearts and three circles became the yin-yang sign.

At a seminar in Boulder, Colorado, she showed her six perspectives to Israeli and Palestinian adolescent participants and asked them to comment on what they saw. They talked about seeing rainbows and other symbols from their individual traditions, says Dennis. Then, we talked about their cultural myths and they began to realize their common bonds. After a Christian upbringing, Buddhist initiations and a two-year reflective retreat, Dennis says her own spiritual practice now centers around Sha-bat, a Jewish ritual which translates as Welcoming the Sabbath Bride. It's the welcoming of the Divine Feminine, she says, noting the central sphere of the Pattern is its feminine aspect, the particle from which IT manifests.

An important aspect of Dennis work is bringing awareness into the use of language. Intentional articulation is how we manifest in this dimension, she says. It really bothers me when people say things like, 'I'm just dying to see that movie', or whatever. I try to gently bring it to their attention and get them to look at how they're using words. She winces at the famous Just Say No program and the Nicole Brown Simpson Foundation's motto, Hands Are Not For Hitting'. This approach teaches from a negative, she admonishes. We should be looking at

where words come from and finding the heart of what's really there.

She uses the word, Goddessence frequently. It's a wonderful word, she says. It's God, Goddess and the Essence of Spirit and represents the Trinity. I want to rewrite and re-right language, because it's been what has separated us for so long.

Like so many, Dennis is concerned about the crisis in education, and thinks the Pattern can make a difference. Socrates said that the purpose of education was to kindle the flame, she states. The tragedy of education today is that we extinguish the flame and put children in a box. If we're lucky, an ember remains. I believe the Pattern is rekindling that flame. According to her experience, children readily see that all six perspectives of the Pattern are aspects of the same form, whereas it takes adults some time to be able to grasp it. The Pattern teaches us diversity and understanding, it can help keep the hearts and minds of our children open and discourage judgments and the dogma of separation. Those judgments, along with the tolerance teaching that's prevalent now, are the antithesis of unconditional love and acceptance. They presume a right and wrong, and lead to non-acceptance and, ultimately, war.

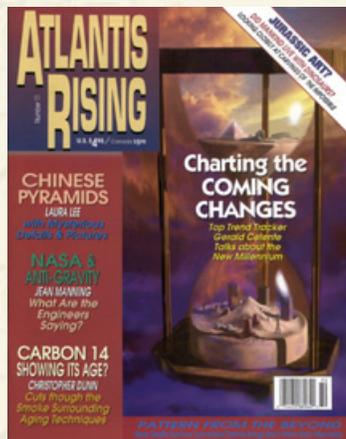
Dennis also sees the Pattern as a potential tool for negotiation; she is working with the Gorbachev Foundation and has found doors opening to diplomatic circles in many countries. She feels a powerful bond to China, which she visited in 1996 at the invitation of scientist Steve Bryson. Since her accident, Dennis has had recurring dreams about a circle of twelve elders, one of whom she says is Oriental and in physical embodiment. Within hours of arriving in China, she says, I was introduced to a man I recognized to be this elder...and the recognition was mutual! According to Dennis, he immediately saw the Pattern as an important symbol for the Chinese.

She recently returned from Costa Rica, where she was invited to work with twenty-one community leaders, whom she says are committed to peace; Costa Rica has no standing army, and you see the yin/yang symbol everywhere, along with signs stating that differences are honored and respected, she says. Dennis was so impressed with the ambiance of the country that she is planning to hold retreats there this summer. There will be eight day Playshops, she says. The first, June 15 - 23, is The Call Home; Healing Our Hearts, Healing Our Homes. Participants will address their healing issues and have a lot of fun doing it! Dennis has written a book about her discovery, along with a related book for children, The Pattern should be released sometime this year. Another forthcoming book discusses how the Pattern can be practically applied to interpersonal relationships.

Dennis is intent on her focus of making the truth of love real. Love, she says with conviction, is the one thing in all the world that never perishes. During the various trying periods in my life I knew that, in spite of my pain, I was impressed with the divine mark of Love through the Pattern. She reminds us that Jesus said, My yoke is easy and my burden is light'. We forget, she says, that a yoke is not a harness, but a connection. Looking at the Pattern, we can see that the connection is there for us...it's easy. It really is that simple.

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THE ALCHEMIST'S RESURRECTION

by

MARK STAVISH

Mention alchemy to someone and what do they usually think of? The Middle Ages with old men in some forgotten attic, laboring over bubbling flasks filled with some unknown fluid; or in front of an oven, trying to turn molten lead into gold. These are the images of the alchemist that time, mythology, and prejudicial history have handed down to us. It is true, that many of the early alchemists were the forerunners of the modern sciences. Physics and chemistry are indebted to these early puffers as they are disparagingly called, for from their hours of sweat and travail, a host of modern advances came: porcelain, alcohol distillation, acids, salts, and a variety of metallic compounds, are the results of early alchemical experiments. But if alchemy wasn't just a foolish waste of time in the search for a means to turn base metals into gold, what was it?

THE EGYPTIAN CONNECTION

Alchemy, or Al-Kemi, is said to be derived from Arabic or Egyptian meaning either divine chemistry or possibly black earth referring to the silt deposits from the

annual flooding of the Nile river. However, regardless of where the word alchemy began, it has come to mean a very special form of spiritual development. From Plato's Greece to the European Renaissance, ancient Egypt was held to be the land, if not the origin, of all things mystical. The Egyptian god Thoth, called Hermes by the Greeks, was said to be the father of all magical arts and sciences, with numerous books on the laws governing creation being attributed to him. These books became the basis of most Western occult teachings, and are known as 'The Hermetic Corpus' or the 'Body of Hermes', which refers to the total collection of works attributed to the scribe of the gods. The teachings and practice contained in these writings are called 'Hermeticism', and in the Renaissance came to include aspects of Jewish mysticism (kabbalah), alchemy, the use of ritual, and communication with super-celestial beings, or angels. It is important to remember that in the ancient world and until the end of the Renaissance (16th century), magic was seen not as superstition, but as a logical and coherent means of understanding the universe and controlling one's destiny. Magic, imagination, and magnetism are all related, both through their root -mag, as well as how they are seen through the mind of the magician or alchemist. For the magician, or even the alchemist, the universe is perceived as a reflection of the imagination of the Godhead. Its laws are consistent and logical, and if we are created in the image of the Creator, then we can also create as the Creator has, through the power of imagination. Intense imagination creates a stress on the fabric of the universe, drawing to it magnetic power, thus bringing our images to fruition. The fundamental ideas of Renaissance magic and alchemy are also found in Eastern yoga, and are the basis for the New Age movement, as well as hypno-therapy, guided visualizations for mental health or cancer treatment, affirmations and an assortment of other psycho-spiritual practices. Until the last half of this century, though, most of these spiritual practices were kept secret or hidden, mostly out of fear of political or religious persecution. Hence, they became known as occult or 'hidden'. Since many of them used the same signs, symbols, and literature as contemporary religions, Christianity, Judaism, and Islam, the hidden, occult, or Hermetic arts and sciences became known as esoteric or the secret meaning behind exoteric or everyday religious practices and dogma. This fear of imprisonment or death, limited instruction in esoteric practices to a trusted few, and only through a process of slow, careful, symbolic rituals and cryptic teachings known as initiations. Each of these initiations symbolized a step, or grade, in a student's inner journey towards illumination. During the 17th, 18th, and 19th centuries dozens of initiatic orders and societies were established across Europe for the dissemination of spiritual teachings, the most prominent of them being the Rosicrucians, Freemasons and Knights Templar. Some of them taught their members through moral instruction, such as the Freemasons. Others, such as the Rosicrucians, taught practical mysticism, the use of ritual, the structure of the universe through kabbalah, as well as laboratory alchemy. Many of these organizations exist in Europe or the United States in some form today. In alchemy, however, each of its steps or phases, represents not only a interior awakening (initiation), but also a physical, practical technique performed in the laboratory. The physical, laboratory work becomes a means of verifying spiritual and psychic expansions in consciousness. Alchemy, it is said, is an initiatic system in which you have no delusions. It is the only initiatic path where there is an objective control in the laboratory. So if your experiment shows you've gone beyond the ordinary material laws of the universe, it shows that you're an alchemist that has had an interior awakening, and that corresponds to the rule which says, 'You will transmute nothing if you have not transmuted yourself first.' says Jean Dubuis, founder and first president of the French alchemical organization, The Philosophers of Nature. Dubuis has actively practiced alchemy and related esoteric arts for nearly sixty-five years. Because of his extensive professional career in electrical

engineering for a major international electronics firm in France, and work in the field of nuclear physics with Nobel Prize winner Jollio-Curie, he has been described by fellow alchemists as one of the few people easily at home with either a periodic table of the elements or a kabbalistic diagram. His spiritual path, he says, began when he had a spiritual awakening at the age of twelve in the island cathedral of Mont Saint-Michel off the coast of Normandy. This awakening has led Dubuis to a lifetime of activities and intimate involvement in European esoteric circles. He has held positions in the French-speaking branch of the Rosicrucian Order, AMORC, presiding over its Illuminati section of higher degree students, as well as various esoteric orders and societies. After tiring of the various levels of secrecy and often self-aggrandizing use of the power such vows bring, he renounced his memberships and established The Philosophers of Nature (PON) to open the paths of alchemy and kabbalah to everyone of good heart and mind. This is expressed in his view of the basic philosophy behind alchemy: Alchemy is the Science of Life, of Consciousness. The alchemist knows that there is a very solid link between matter, life, and consciousness. Alchemy is the art of manipulating life and consciousness in matter to help it evolve or solve the problems of inner disharmony. Matter exists only because it is created by the human seed. The human seed, the original man, created matter in order to involute and evolve. You see, if we go beyond what I said, the absolute being is an auto-created being, and we must become in its image auto-created beings, Dubuis stated during a recent interview at the annual conference of The Philosophers of Nature. A similar statement was made by fellow Frenchman and alchemist Francois Trojani, during an interview with Joseph Rowe in the Summer 1996 issue of Gnosis. It (alchemy) is the dimension of interiority and of meaning in the deep sense: the meaning of life, the meaning of my life, questions about the relationship of spirit to matter, of the purpose and value of my own actions, the questions where did I come from?', why am I here?', who am I? I'm not saying that alchemy provides precise answers to these questions, but that it operates in the dimension where these questions arise.

MODERN PSYCHOLOGY

Just as esoteric initiation seeks to repair the psychic damages in humanity, so does its step-child, modern psychology. As a result, most folks today are familiar with alchemy through the extensive writings of Swiss psychologist Carl Gustav Jung. Jung was attracted to alchemy through a series of dreams he experienced, as well as those of his patients, and their resemblance to alchemical symbols representing the stages of self-development, or individuation. However, for Jung, the entire alchemical work, or opus, was viewed from strictly psychoanalytic perspective. Transmutation was not the changing of physical matter, but of psychological matter, from destructive problems, into life-enhancing attributes. Some of Jung's seminal works outlining the process of human individuation, or self-becoming, are found in his Alchemical Studies, in which he interprets the meaning of the key stages and symbols of alchemy to explain the internal stages of human evolution, or what alchemists call interior initiation. Laboratory alchemists cautiously point out that despite his contributions, and the critical aspect of psychological work in alchemy, Jung is not considered a real alchemist. According to Dubuis, and others, for alchemy to be real alchemy it must work on all levels of creation, spiritual, mental, emotional, and physical. While one or more can be left out and a transmutation of some sort effected, the results are not considered to be alchemical. It is true that Jung made some additions to symbolism and gave people a means to look at their interior life. As regards to alchemy, Jungian psychology shows that alchemy is a universal art and science, and can lend itself

to anything, but to reduce alchemy to a therapeutic allegory is a mistake. stated House. Russell House, of Whinfield, Illinois, is the current president of The Philosophers of Nature, and has studied alchemy with Jean Dubuis, Orval Graves, Frater Albertus', and Manfred Junius, several of this century's leading laboratory alchemists. From 1989 to 1993, House also co-instructed the alchemy classes taught at Rose-Croix University, sponsored by the Rosicrucian Order, AMORC, in San Jose, California.

ALTERNATIVE MEDICINE

Along with psycho-spiritual growth, and physical transmutation, alchemy has long been associated with creating cures for incurable diseases as well as near-physical immortality. Dubuis has suggested that a carefully prepared tincture, or alchemically prepared medicine extracted with purified alcohol, made from acorns might prove useful in fighting cancer and some auto-immune diseases. However, at least one of the major contributions of alchemy to alternative medicine is a little more accessible than either of these, that is, homeopathy. Available in most drug stores and supermarkets, homeopathic medicines are based on the alchemical practices of the Swiss 16th-century alchemist Paracelsus. However, it was not Paracelsus that created homeopathy; he only supplied the theory that like cures like and that smaller doses of medicine could cure more easily and quickly than large doses. Alchemical tinctures, like homeopathic medicines, are created from plants, minerals, and metals. Homeopathic treatment was formulated in 1796 and introduced to the United States in 1825. In Europe alchemically prepared and homeopathic medicines are available to the general public. According to House, For the genuine alchemists, healing, like alchemy, must be on all levels and treat the whole being or person, and within the context of nature and evolution. The intent of the healer must offer encouragement in the interior world of the patient and not work against nature's plan of evolution. Like homeopathy, Bach Flower Remedies, or aromatherapy, alchemical medicines work on a subtle level and a crude one at the same time.

QUANTUM PHYSICS

Since its inception alchemy has been associated with the idea of transmutation, or the fundamental changing of one thing, usually a base metal such as lead, into something else, in this case, gold. But is transmutation possible? For alchemists past and present, the answer is a resounding yes!' Trojani is quoted as saying that transmutation has taken place and continues to be done. The reason given is that alchemical operations do not take place on the level of the periodic table of elements, but instead on the fabric of time and space itself. That this work on the elements on space and time energy constitutes work directly on oneself. In fact, Dubuis, Trojani, and their predecessor Francois Jollivet-Castelot all agree that not only is transmutation possible, but that it might not require much of the high-tech, high-energy equipment we have come to associate with sub-atomic physics. Jollivet-Castelot wrote a book for the aspiring alchemist, *Comment on devient alchimiste* (1897), or *How to Become an Alchemist'*, outlining the range of Hermetic disciplines required, and gave practical advice on purchasing laboratory equipment, as well as the moral requirements of the alchemist. Harvey Spencer Lewis, the founder and head of the American Rosicrucian Order, AMORC, was familiar with Jollivet-Castelot and his work. In 1915, Lewis himself is said to have transmuted a piece of zinc into gold using little more than an open flame and a crucible. The accounts of this public demonstration have been republished several

times in the organization's magazine, The Rosicrucian Digest (March 1942). In addition, in the August 1926 edition of, The Mystic Triangle, AMORC published Jollivet-Castelot's account of his own transmutation of base metal into gold, as well as the recipe for carrying it out. In more recent times, alchemy has been investigated as a means of supplying cheap energy and for the potential creation of super metals. At the Palladian Academy's conference in January 1997, near Vichenze, Italy, Professor Christopher McIntosh, author of The Rosicrucians (Samuel Weiser Publications), and member of UNESCO's Educational Office, Hamburg, Germany, mentioned that the United Nations had recently sponsored a conference of its own in which alchemy was considered as a possible tool for the creation of new alloys. Along similar lines, Dubuis offered some insights into the phenomena of UFOs. First of all, there are two hypotheses for extra-terrestrials. The first hypothesis says, that on earth, if you are close to the North Pole, there is some kind of fraternity of advanced people that checks on the global functioning of humanity, and that the flying saucers are theirs. The second hypothesis is that you cannot come from distant systems to earth in everyday physical conditions, so I think that things happen thus. In the system that they start from, they put advanced people on board, and the speed of energy is multiplied by a hundred thousand or a million, they can come here rapidly, and when they enter the aura of the earth, they are brought back level by level and re-materialize. I don't know, and don't want to know if the Roswell (New Mexico) story is true, but the details that have been given lead me to believe it is true, because they found material that go back to the invisible where they should be. They said the brain of the person had no barrier, this means that they are people that have no barrier between the visible and the invisible worlds. I don't know about the other organs. If it is a fake, then the people who have produced it have a very big knowledge of the occult. Dubuis stated.

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The Carbon 14 Mystery

by

Christopher Dunn

In issue 9 of Atlantis Rising, some doubts were raised regarding the accuracy of the C14 dating method used on the shroud of Turin. In the minds of many Christians, and, undoubtedly, the curator in possession of the shroud, the dating of this artifact cannot depend on methods that are unpredictable. How accurate is the C14 dating method? And what else can be inferred from its development about our history?

If our civilization was to become extinct by natural disaster, such as a polar displacement or self-inflicted nuclear war, after 10,000 years future generations would have few clues as to the level of sophistication we had achieved. It would be fair to say that many of our artifacts would be misinterpreted and misunderstood. What would remain of the concrete jungles we call cities? Would they reveal to future archeologists the full scope of the technology we had achieved? Future civilizations, after rising from the ashes of bare remnants of what we had become, will be busy developing their own technology. This development may be along a different path than ours has followed, and in its early stages it wouldn't be as advanced. At what stage in their evolution would future archeologists recognize a computer chip for what it really is?

The artifacts that survive thousands of years after the demise of a highly developed civilization would, in large part depend on the level of technology that had been achieved. After the ravages of time, many of our artifacts will have crumbled into dust. If they are able to analyze and interpret them correctly, some of our plastics and high-tech exotic alloys may provide future generations with clues that form a rough sketch of the society we now enjoy. It is safe to say, though, that any high-tech artifacts under study by a future generation may be misinterpreted for hundreds of years until the technology needed to correctly interpret them has been developed.

Contained within some less than high-tech surviving artifacts will be a subtle clue which advanced civilizations such as ours are forced to leave behind. This clue is the amount of C14 in a piece of wood, bone or other organic material that had lived and breathed the atmosphere since the dawn of our nuclear age. C14 is created when the reaction of cosmic rays with the ionosphere precipitates neutrons through the atmosphere. These neutrons react with nitrogen 14, creating C14. Upon creation, C14 starts to decay, and originally was determined to have a half-life of approximately 5,568 years. (The half-life of radiocarbon was redefined from 5570, plus or minus 30 years, to 5730, plus or minus 40 years, in 1962.) Organic material takes in C14 at a constant rate, and, knowing what the level of C14 in an object was before it died, scientists can measure the amount left in it and calculate its age. Apart from normal variations, C14 stays at a constant level in the Earth's atmosphere. Industrial and nuclear activities have increased the level of C14 in the atmosphere, and subsequently everything that lives and breathes.

When Willard F. Libby first discovered radiocarbon dating in 1947, archeologists, and especially Egyptologists, ignored it. They questioned its reliability, as it did not coincide with the known historical dates of the artifacts being tested. David Wilson, author of *The New Archeology* (Knopf, NY 1974) writes:

Some archeologists refused to accept radiocarbon dating. The attitude of the majority, probably, in the early days of the new technique was summed up by Professor Jo Brew, Director of the Peabody Museum at Harvard. If a C14 date supports our theories, we put it in the main text. If it does not entirely contradict them, we put it in a footnote. And if it is completely out-of-date we just drop it.

The radiocarbon time scale contains other uncertainties also, and errors as great as 2000 to 5000 years may occur. Contamination of the artifact may be caused by percolating groundwater, incorporation of older or younger carbon, and contamination in the field or laboratory. Willard Libby addressed the problem of contamination and the ability to distinguish between the chemistries of life and death (the chemistries of death being the contamination). Washing techniques were then developed to separate the two.

Egyptologists are generally agreed, within 20 years or so, on the dates they had established for the time of the pharaohs. Consequently, when radiocarbon dating came back with a result that showed artifacts to be between two and five hundred years younger than their established historical dates, they were not impressed. In other words, articles with a known date of 5,000 years were tested and, according to radiocarbon dating were found to be only 4,500 years old. The wood from Tutankhamun's tomb, historically dated at around 1350 B.C., gave a C14 reading of 1050 B.C.

The further back into history the C14 researchers went, the larger the discrepancy became. The original assumption on which C14 dating was based is that its level in the atmosphere is the same at all times. Egyptologists and the carbon dating scientists were, therefore, in contradiction with each other. The Egyptologists and the archeologists wouldn't budge, and so the scientists were forced to reevaluate their findings. What the scientists needed, in order for C14 dating to be accepted as a useful archeological tool, was a method of calibrating it accurately. Until this could be accomplished, doubt would prevail.

The answer came in the form of tree ring dating, and the tree that was to provide the means to accomplish this was the bristle-cone pine, indigenous to the Southwestern United States. Being the oldest living tree on earth, the bristle-cone pine enabled scientists to develop the chronology to calibrate carbon dating and adjust the clock. The results were noteworthy. It turned out that the Egyptologists and the archeologists were correct in their dates and the original C14 results were in error. In some cases, for distant dates, the error was as much as 800 years. David Wilson sums up the reasons for the discrepancy:

If present-day measurements of the radiocarbon remaining in objects which died in, say, 2,500 B.C. give a date of 2,000 B.C., then there is too much C14 left undecayed, perhaps it is that there was too much C14 in the object originally in 2,500 B.C. This is now generally accepted as being the case, but that still leaves the question open as to why there was more C14 in the atmosphere and biosphere.

The question may still be open, although it was speculated that variations in the Earth's magnetic field allowed increased amounts of cosmic rays to react with the ionosphere.

When carbon dating was first being developed, samples were collected from around the world. The stipulation on the kind of samples that were collected was that they had died and ceased to draw carbon in from the atmosphere before the advent of our industrial age, and especially before nuclear testing had been carried out. The explosion of nuclear devices releases neutrons and would raise the level of C14 in the atmosphere. Tree ring dating had revealed that there was an elevation of C14 in the atmosphere and in artifacts older than 1,000 years B.C. that had thrown off the atomic clock. Around 8,000 to 10,000 years B.C. the level of C14 started to fall back to normal.

Is the high level of C14 in prehistoric artifacts a smoking gun left behind by an industrial infrastructure that supported a high civilization 10,000 years ago? In my article *An Engineer in Egypt*, (*Atlantis Rising #8*) I presented evidence to support the proposition that the ancient Egyptians may have used ultrasonics to machine granite. I also describe artifacts found in Egypt with a geometry and precision that moves us beyond the question how was the granite cut? to ask, what guided the cutting tool? In 1882 when Sir William Flinders Petrie was puzzling over the artifacts that present this evidence to us, the machine tool industry was in its infancy and ultrasonic machining did not exist. Petrie admitted that he was at a loss to explain the manufacturing methods used to create many of the artifacts he was studying. In terms of technical accomplishment, the artifacts speak for themselves. They speak of an industry that, like us, would produce more C14 in the atmosphere than what is produced through natural causes. That such an

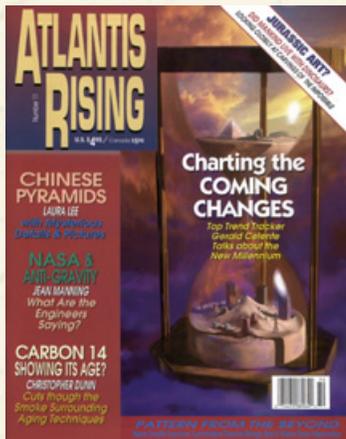
industry may have started to form almost 10,000 years B.C., gives a more reasonable time frame to support a premise that the devices that were used in the creation of these artifacts, along with the other accoutrements associated with a high civilization, had degraded to extinction.

A complete interpretation of a civilization such as ours is beyond the scope of one individual, or group of individuals, who are trained in only one discipline. Archeologists and Egyptologists have interpreted and explained artifacts surviving ancient civilizations from a narrow perspective. This has resulted in a belief that our own civilization is the first to develop technology that uses electricity as a means of performing work. From this premise, evidence, such as the granite artifacts found in Egypt, which demand that we include the possibility of such knowledge existing in prehistory, has been misinterpreted, disregarded or overlooked.

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The Indians And The Masons

by

Patrick Marsolek

The Great North Trail is a major legacy of ancient man in the American West. It crosses through the United States from the Bering Strait to Tierra del Fuego and is thought to have been the major migration route of early peoples from Asia to the Americas. Along the trail are concentrations of petroforms, simple structures made of stone: circles, cairns, medicine wheels, and ceremonial enclosures. New data on the trail and these petroforms could reshape many of the currently accepted beliefs regarding their creation and function.

Though most traditional historians and archaeologists think that the varied arrangements of petroforms found along the trail signified a purely utilitarian function, they may be part of an indigenous science employing geometries of spiritual transcendence that were linked with the landscape. Similar technologies may have been used in the building of the Temple of Solomon and the Egyptian temples. An understanding of this technology could have been used to navigate spiritually, as well as physically, through the harsh environments following the last ice age about 10,000 years ago. This connection of a people with the landscape bears a similarity to aboriginal mythologies in other parts of the world. From Australia, to Africa, and the Americas, special mountains and hilltops are ritualized sacred sites on the landscape and are often marked with monuments of stone.

If an ancient science represented in the Great North Trail somehow emerged from the same prehistoric technologies of Europe and Asia, then this line of knowledge may have reconnected with the entrance of Masonic ideals into the American West. Freemasons have had a large presence in the affairs of the United States since its formation. This was especially so in the settling of the west. Masonic organizations formed in communities almost as soon as people gathered in a place. In Montana, the first Masonic meeting occurred atop the continental divide in 1862, on the eve of the gold rush to the territory. No record exists of what took place at the meeting, yet Masons soon would be involved in shaping the politics and economics of the Montana Territory. With the hangings of the sheriff of Bannock and other highway men by the vigilantes in the winter of 1863-64, the Masons initiated a dominant presence in the region. The landscape where the Great North Trail crosses through the west may have been chosen to be a contemporary stronghold of Masonic ideals. If so, why? Deep inside the core of Freemasonry there may be a link to sacred technologies of ancient man. To appreciate this connection we must leave the Trail and take a daring look at the beginnings of the Masons of Montana, the Knights Templar, and Solomon's Temple.

Present-day Freemasonry is a fraternal order whose basic tenets are brotherly love, philanthropy, and truth. This order is often thought to have originated around the 14th century in Scotland as an offshoot of the Knights Templar in response to the brutal crushing and dispersal of the Knights Templar by Philip IV of France in 1307.

One of the earliest documents relating to Freemasonry, however, the Cooke Manuscript of 1410, refers to the building of the Temple of Solomon as the true beginning of Freemasonry. King Solomon allowed the 80,000 Masons of the Temple their own order. It may have evolved earlier out of the Egyptian mysteries or farther back, to a time, as Harold Percival puts it, in Masonry and Its Symbols, ...when bodies first became male and female and the first temples were meant to be symbols of the human body.

This last statement reveals a continuous source of inspiration that runs throughout most versions of Masonic history, the use of the symbols and the geometry of Freemasonry, including the pillars of the Temple of Solomon, the all-seeing eye, the square, and the compass. These masonic symbols are even associated with important Masons in our recent history, such as George Washington and Meriwether Lewis. Lewis may have been the first Mason to cross the Great North Trail.

In King Solomon's time the sacred geometry and symbols were essential to the Masons and the building of the Temple of Solomon. The esoteric significance of these geometries may encompass much more than our traditional concepts. To the ancient builders these geometries were intimately connected with the theologies of both Judaism and Islam, in which God was a unity. In *The Temple and The Lodge*, the authors Baigent and Leigh have this to say about this early geometry:

If (the one) God was to be discerned in the creation at all, it was not in the multiplicity of forms, but in the unifying principles running through those forms and underlying them. In other words, God was to be discerned in the principles of shape, determined ultimately by the degrees in an angle-and by number. It was

through shape and number, not by representation of diverse forms, that God's glory was held to be manifest...

The synthesis of shape and number is, of course, geometry. Through geometry, and the regular recurrence of geometric patterns, the synthesis of shape and number is actualized. Through the study of geometry, therefore, certain absolute laws appeared to become legible, laws which attested to an underlying order, an underlying design, an underlying coherence.

It is these underlying principles that are thought to have been realized in the Temple of Solomon. The Temple was built as a repository of the Holy of Holies. Somehow the Masons had the ability to unify their spiritual understanding of the geometries with form to create the ultimate sanctuary. In this sanctuary they placed the Ark of the Covenant, the link between the people and their transcendence.

The geometries used by these early Masons were not only linked to their awareness of divinity but may have formed the basis of the letters used in their written and spoken languages. In the Hebrew tradition, among others, the letters of the alphabet actually are letters of creation, truly sacred. Rabbinic tradition says the letters were present prior to the events they were meant to record.

Recent discoveries indicate that early written languages may first have emerged as vehicles for transcendence before becoming language. Stan Tenen, of the Meru Foundation, has proposed that the combinations of the letters in texts may actually point to a record of transcendent experiences. These symbols, Tenen says, could be utilized to access subtle states of consciousness. In a lecture titled *Geometric Metaphors of Life*, he illustrated how the letters may be derived from geometrical forms that naturally unfold from two and three dimensions into what is termed the fourth dimension. His original interpretations of the texts show an embryonic process of something unfolding out of itself and regenerating, mirroring consciousness and life. This possesses startling similarities to quantum mechanics. Both mathematicians and meditating Rabbis report that if you turn a higher-dimensional object over in your mind you will have a transcendent experience.

Sacred geometries were not reserved for the high priests and magicians, but were accessible to the lay person. These geometries were in the sacred texts and chanted continuously throughout the year. They were encoded into the buildings and temples, and they were incorporated into the religious objects of everyday life. The symbols were pointers on a pathway leading to a higher dimension; they were geometries of consciousness.

How does this apply to modern Masonry? What if somehow the present practice of Masonry and its symbols were a veiled form of this ancient technology? All of the different incarnations of the Masonic school have shared certain principles for the foundation of their orders, moral conduct, higher human values, and the sanctified status of symbols. The Masons of Solomon's time were actively linked to the regeneration of their spirituality in their one God. The Templars, who probably inherited a large part of this lineage, practiced knightly virtues as well as conducting a large, mostly unknown esoteric practice. Modern Freemasonry is rooted in noble and honorable values. The Masons and Templars all have regarded their sacred symbols as incorruptible guideposts for initiates into the Mysteries.

The Masons and Templars were, to a greater or lesser degree, utilizing a geometry of consciousness.

Another important concept in these practices was the Holy Land. The earth was thought of as both sacred and powerful. The destination of the Israelites was the Holy Land where the Holy of Holies could reside in sanctuary. The quest for the Holy Land evolved alongside the Mason's language and geometry; the importance of a Holy Land has continued throughout history. This quest may be an integral part of the sacred geometry that developed into the present-day Masonic landscape.

The Holy Land is usually thought of as a distinct place, i.e., Palestine; however, this may not necessarily be so. The land of the Hopi, the Aborigines, the Tibetans, also is considered Holy Land. A land is made holy by connecting the psychic energies of a people with the energies of the earth. Anyone can experience these embedded spiritual energies by moving with directed intention into a landscape. The Aborigines of Australia recognize the mythological imaged in the landscape; their land is sanctified. Mythology, in this sense, is applied to convey ideas and experiences of multidimensional space that can't be communicated using ordinary languages. This is similar to the esoteric significance of sacred geometries. Holy Lands occur everywhere there is a sophisticated spiritual connection between a people and their land.

A tangible sense of approaching destiny seemed to exist in the early days of the West, as if the Masonic ideals of this country had merged with the ancient landscape of the western frontier. America was the new Holy Land. This feeling runs strong in the ideals of manifest destiny and the American dream. The individual could attain the highest goals without the encumbrances of church or state. These ideas closely mirror the sacred teachings of Masonic consciousness and are incorporated into the fabric of our society, from the symbols on our money to our basic freedoms and rights.

When the Masons began activities on the frontier they may have been intentionally setting the stage for a continuation of their ideals, yet their attempts also brought the old conflicts. In 1738, Pope Clement XII had issued a papal bull condemning and excommunicating all Freemasons whom he pronounced enemies of the Roman Church. The ongoing power struggle between the Masons/Templars and the Church of Rome may also have been present in the vigilante activities on the Western frontier. The Masons were strongly represented in the Vigilantes of Montana, and may have been the controlling influence among them.

Are we saying that the vigilantes knew the sacred geometries of transcendence and were fighting a righteous war for the advancement of mankind? It is not likely. The present-day Masons insist they are not a spiritual organization and that they are not actively involved in geometric mysticism. If there were, however, a few individuals who were conversant with the sacred geometries of Masonry, they possibly could orchestrate events from a distance.

Even if such people don't exist, the symbols of these sacred geometries are available to everyone. If they represent an embryonic process that unfolds, automatically and naturally, out of itself, then the information is encoded within these symbols, and is accessible to all. Masonry is one of the largest organizations

in the world actively promoting the use of these symbols. It is so large that it seems impossible there could be one ruling body. It is more likely that the information encoded in the symbols is strong enough, by itself, to affect people's hearts.

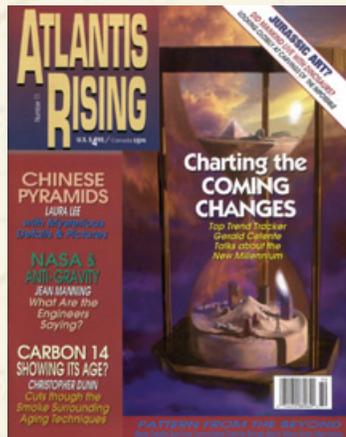
What is it about land that is so important? Many people have a vague feeling that the natural landscape is somehow sanctified. This is played out when people move to these areas to get back to the land and rediscover themselves. Is it just a feeling when it moves someone to redirect their life? Stan Tenen says that an experience of the fourth dimension is a feeling; thus all information, perceived physically and intellectually, combines to redirect consciousness from the ordinary into non-ordinary experience. Though they might seem insignificant, the power of subtle forces may have a profound influence on our lives, whether they come from landscapes, sacred symbols or other mysteries.

Ancient man moved through this landscape and left the geometries of their science behind. The Great North Trail could be a sacred path, where magic circles define the temenos, a holy place, or sanctuary. Whether the Holy of Holies is an actual treasure guarded by Templar/Masons or a spiritual treasure (the knowledge of transcendence made possible by the use of a sacred geometry), it is a vital part of our identity as spiritual beings in the metaphoric landscape of potential, discovery and understanding. Perhaps the Holy of Holies is here now, awaiting the transformation of human consciousness.

Special thanks to Troy Holter as contributing editor. Patrick Marsolek is an associate researcher with the Investigative Research Field Station in Helena, MT. (www.irfs.com)

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Ultra-Violet: The Untold Story

by

Michael Lofton

As the days get longer and warmer our venture into the sunlight increases. Every year the confusion begins, again... Before leaving your indoors, those sun glasses best be put on and that exposed skin be protected with sun blocker lotion. Also, when you go outdoors, you need to wear a long-sleeved shirt, long pants and a wide-brimmed hat. Is sunlight truly this harmful, does it significantly threaten us with skin diseases? Considering the many media reports surrounding the sun's possible danger to our skin, another perspective may be in order...

Electromagnetic radiation comes in many forms. The most familiar is visible light. Other forms include x-rays, ultraviolet (UV), infrared, microwave and radio waves. Daylight consists of direct solar radiation, diffused radiation from the sky (skyshine) and wavelengths reflected from surroundings, such as buildings, etc. Generally a great deal of ultraviolet radiation is absorbed by the water vapor of the atmosphere and even more by smoke and dust particles. From October to February, above the central North American latitudes, the ultraviolet content of sunshine is at its lowest.

Surprisingly, there is a relatively higher amount of ultraviolet in the skyshine than in direct sunshine. The ocean, sandy beaches and snow can furnish a diffuse and,

at times, a very powerful form of sunlight. The large amount of ultraviolet in skylight accounts for the fact that it is possible to get sunburned on a beach on a cloudy day when there is no direct radiation from the sun. The reflection of ultraviolet from the surface of water is twice as great as from a field of grass, but only one-fourth as much as from freshly fallen snow. Ordinary window glass in our homes, offices and automobiles prevents the passage of most ultraviolet rays. A person would have to sit at a place indoors where the ambient illumination is at least 20-foot candles for at least twenty hours to get as much ultraviolet radiation as he would get in two minutes outdoors in sunlight at noon.

Let there be light in the biblical term no doubt meant both visual and non-visual light. Of the radiation striking the earth, approximately 50% has a visible wavelength of 400 and 700 nanometers. A nanometer (nm) is the standard measurement used to express wavelength of light. It is equivalent to one billionth of a meter in length. Although such visual color exposure (violet, indigo, blue, green, yellow, orange and red) are only a fraction of all wavelengths known to mankind, color combinations and blends of hue in this visual range can exceed 100 million. There continues to be controversy over the non-visual ultraviolet (100 to 400 nm) frequencies which equal 10%, and infrared (over 700 nm) wavelengths which are 40% of all radiation reaching earth. Of course, the fact remains that without ultraviolet and infrared our world would not be the same. Infrared provides us with the required heat that keeps us warm. Ultraviolet provides us with the ability to fight off germs in the air (UVC), creates skin pigmentation as a natural protector (UVB) and helps in our vitamin and mineral absorption capabilities (UVA). UVC are the shortest ultraviolet rays and virtually all of these frequencies are absorbed by our atmosphere and the ozone layer. The remaining UV light that reaches the ground is about 10% UVB and 90% UVA at midday.

Heliopolis, a Greek city was famous for its sunlight healing temples. Herodotus, the father of heliotherapy wrote: exposure to the sun is highly necessary in persons whose health needs restoring. In winter, spring and autumn, the patient should permit the rays of the sun to strike full upon him; but in summer, because of the excessive heat, this method should be used in moderation. Downes and Blunt, in 1877, discovered the dramatic ability of sunlight to destroy and provide for an effective means of treating bacterial infections. Another famous practitioner of sun therapy was Auguste Rollier MD, whose clinic was at 5,000 feet above sea level. Dr. Rollier stated that his patients would get the best results if they received the highest amount of ultraviolet light at this altitude. Ultraviolet intensity increases 4% to 5% every 1000 feet ascended. He apparently substantiated incredible results, which were published in his book *La Cure de Soleil / Curing with the Sun*.

Mild, sensible exposure to sunlight is not only safe, it is desirable, noted by Dr. John Ott, the pioneer of modern day photobiology, and author of *Health and Light; Life on Earth evolved under natural sunlight and has existed for quite some time under the full (visual and non-visual) spectrum of light that it contains. Many prehistoric tribes and even entire civilizations worshiped the sun for its healing powers, using its light to treat physical and mental problems, a practice known as heliotherapy. There is no question that UV light in large amounts are harmful; however, in trace amounts, as in moderate amounts of natural sunlight, it acts, according to Ott, as a life-supporting nutrient that is highly beneficial.*

Is it possible that science has gone too far? According to Ott, This may be one of the biggest blunders science has made in the last fifty years.

As stated in Dr. Jacob Liberman's book, *Light, Medicine of the Future*; In summary, these findings, along with those of many other highly respected scientists and physicians, seem to indicate that the human body is truly a living photocell that is energized by the sun's light, the nutrient of humankind. Dr. Liberman further exclaims, Moderation is the key. Mild, sensible exposure to sunlight is not only safe, it is desirable. There are people all over the world who live at high altitudes or at the equator, where levels of ultraviolet light are high, yet they are virtually free of all types of cancer. It seems that other factors such as nutrition, lifestyle, and so on, need to be evaluated. Now, according to new guidelines from the American Cancer Society, healthy habits, such as good nutrition and avoidance of smoking, may greatly decrease your odds of getting skin cancer. Are the western medicine folks really starting to agree with the aforementioned statements substantiating sunlight? Not necessarily.

Modern scientific medical research claims that sunlight, especially ultraviolet rays, are and continue to be hazardous to your general health. Major financial interests have made this controversy even more obscure.

Basal cell carcinoma (BCC) is the most common form of skin cancer

According to the editor D. Joseph Demis, MD, PhD in the publication, *Clinical Dermatology*, Vol. 4; It is likely that UV light has a direct effect on the epidermis as well as the dermis. A notable effect of irradiation is the development of impending cellular death. The direct damage to membranes, premature aging and skin wrinkle, according to this publication, has been thought to be due to absorption of ultraviolet light. Basal cell carcinoma (BCC) is the most common form of skin cancer. The National Cancer Institute has estimated an annual incidence of 400,000 cases of BCC in the United States alone. the statement continues, Ultraviolet radiation and chronic sun exposure is an important factor in the development of BCC. About 95% of the UVB incident on human skin is absorbed, but only 10% to 20% penetrates beyond the epidermis. The amount of UVA dosage for redness in the skin is 600 to 1000 times that of UVB. Although UVB is implicated in much of the connective tissue damage, shorter UVA in the 320 to 340 nm range is probably responsible for the bulk of UVA -induced photodamage.

The dichotomy continues. Niels Finsen, in 1903, won the Nobel Prize for successfully treating skin tuberculosis with the ultraviolet portion of light. On August 7, 1982 a British medical journal, called *The Lancet*, gave an interesting report on relationship between skin cancer and the sun. Researches found that the people who had the lowest risk of developing skin cancer were those whose main daily activity was outdoors. It was found that the incidence of malignant melanomas was considerably higher in office workers. Might this indoor phenomena be the cause of the continued rise in skin cancer death rates? The incidence of malignant melanoma, the deadliest form of skin cancer, has increased 1,800 percent since 1930, and melanoma mortality rose 34 percent between 1973 and 1992, which has been documented by the Skin Cancer Foundation. Yet, outdoor activity without sufficient sun protection remains as the main concern of the Skin Cancer Foundation and dermatologists. Interestingly enough in 1928, the world's first commercial use of a sunscreen, an emulsion of benzyl salicylate and

benzyl cinnamate, was reported in the United States.

But wait, still more information from the book Sunlight by Zane Kime MD shows beneficial results with moderate exposure to ultraviolet frequencies. Noted in Dr. Kime's book single exposures of a large area of the body to ultraviolet light were found to dramatically lower elevated blood pressure (up to a 40 mm Hg drop), lowered abnormally high blood sugars as found in diabetics, to decrease cholesterol in the bloodstream, and to increase the white blood cells, particularly the lymphocytes which are largely responsible for the body's ability to resist disease. The author became increasingly convinced, as he studied the available research data, that the highly refined western diet plays a leading role, both in the aging process and in the development of skin cancer, and that sunlight seems only to accelerate the problem.

What about your normal inside lighting environment, how does it stack up to natural outdoor lighting and UV exposure? Generally, the illumination of indoor lightbulbs are dedicated to the yellow-green portions of the visual spectrum. Incandescent lamps emit these colors due to heating of the element in the bulb. Fluorescent tubes emit these yellowish frequencies due to their single phosphor manufacturing techniques. New product development has allowed for lighting to incorporate a greater spectrum of the visual frequencies with the blending of the three primary radiant colors, red, blue and green. The output of these newer, full-spectrum lamps provides for a more uniform, balanced, natural blue-white illumination. All recently manufactured incandescent bulbs (excluding halogen types) and fluorescent lights are virtually nonexistent in ultraviolet radiation exposure at a distance greater than a couple feet.

What is the bottom line with your next resolve to go out into the light of day? Consider this from Electrotherapy and Light Therapy by Richard Kovac MD. Overexposure to sunlight may cause varying degrees of sunstroke, heat stroke or sunburns and such symptoms as headache, undue fatigue or irritability. Properly applied on the other hand, sunshine and open air will act as a powerful tonic, increasing general powers of resistance and promoting mental and physical development. For this reason the duration and extent of exposure to sunshine should be carefully graduated and those who do not pigment efficiently or easily should be warned to be especially careful...

Michael J. Lofton is the CEO of The GMI Group and its division Prism Perfect Technologies, an indoor full-spectrum lighting consulting group. He can be reached at 970-259-2454.

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Early Rays

News Briefs

COLD FUSION HITS THE BIG SCREEN

The phenomenon of cold fusion is spotlighted in the storyline of two of this year's feature films.

The Saint, a Paramount release starring Val Kilmer and Elisabeth Shue, opened in early April. In a resurrection of the 1950s TV character created by Roger Moore, Kilmer plays Simon Templar, a rich sophisticate skilled at stealing even the most closely guarded of treasures. His path crosses that of Shue's character, a young scientist whose life is in grave danger because she has discovered the key to a Russian billionaire's plot to crown himself the first Czar of the new Russian Empire. The secret, of course, is successful cold fusion, and Templar's role is to steal the ultimate cold fusion process.'

Cold Fusion proponent Dr. Eugene Mallove, editor of Infinite Energy Magazine and author of the Pulitzer-prize winning book Fire from Ice, was a technical consultant on the film which names cold fusion discoverers Drs. Stanley Pons and Martin Fleischmann and mentions the scurrilous treatment they received from the high-energy physics establishment after announcement of their findings in 1989.

Cold fusion receives even more center-stage treatment in *Breaking Symmetry*, a technothriller due out later this year. The film portrays events at a fictional research establishment, the Institute, where verifiable cold fusion has been discovered and treacherous efforts are being exerted by a group of paradigm-protecting hot fusion scientists to suppress it. The film is the brainchild of Dr. Keith Johnson, a renowned superconductivity expert and former MIT professor of materials science and engineering, who both wrote the screenplay and raised the capital to produce it. Music for the film is being composed by Atlantis Rising music critic Bob Resetar who brings numerous TV and feature film credits to the project.

In a case of art imitating life, various of the dirty tricks depicted in the film, the doctoring of results to disprove reported claims of success, the suppression of favorable evidence, and the refusal of respected scientific journals to allow proponents to publish their results, reportedly reflect what actually happened at certain universities in the aftermath of the Pons and Fleischmann discovery. Producers hope that, perhaps, in the near future, the actual mainstream scientists who participated in the reputed intrigue will come clean of their own accord, and not follow in the footsteps of their fictional counterparts. The cinematic group, when ultimately found out, try to justify their mean-spirited rejection with a variation on the old excuse: We were only following policy.

DRAMATIC ARCHAEOLOGICAL FINDS FROM AROUND THE WORLD CAST DOUBT ON ORTHODOX THEORIES

The custodians of conventional wisdom on the origins of man must feel surrounded by hostile forces these days. New discoveries in Ethiopia, Germany, Siberia and Chile are challenging the orthodox chronology of man's prehistory on Earth as never before and pushing the dawn of human habitation back thousands of years.

Suddenly the notion that civilization itself may have had a much earlier beginning than we have been told becomes much more plausible, while claims that the developments of the last 5,000 years are unique and unprecedented now seem more naive and chauvinistic than ever. When the textbooks of paleontology and anthropology are rewritten, can the history books be far behind?

Here is the new evidence:

Ethiopia Crafted stone tools have been turned up by scientist in deposits of volcanic ash and dirt dated at 2.6 million years. The finding pushes back the record of tool making by around 200,000 years. The tools, which include rounded fist-size stones and smaller sharp-edged flakes show a remarkable level of craftsmanship and have scientists scratching their heads to explain who made them.

Sileshi Semaw of Rutgers University announced his discovery in the *Journal Nature* and theorized that the objects which he found were the work of homo, generally believed to be the ancestor of modern man. The superior workmanship of the tools

also contradicts assumptions that tools made so long ago would be inferior to later ones.

Germany Wooden spears dating to 400,000 years have turned up in an ancient lakeshore hunting ground. The likely conclusion is that human ancestors hunted big game much earlier than previously believed. Robin Dennell, a professor of prehistory at the university of Sheffield in England says the finding of wooden spears along with more than 10,000 animal bones, primarily horses, which were mostly butchered indicates that the ancient hunters were organized enough to ambush herds that drank from the lake.

Before the new find, evidence for systematic hunting had been placed at about 200,000 years.

Siberia Primitive humans operated and thrived in what is presumed to be the killing cold of Siberia 300,000 years ago, far earlier than experts thought possible. That is the evidence produced from age-dating stone tools unearthed from the frozen tundra.

The discovery was reported in the journal Science in February.

Chile New finds in Monte Verde about 100 miles south of Santiago in Chile now contradict conventional theories of human origins in the Americas. An expedition of archaeologists have dated human habitation in the area to around 12,500 years ago, predating by 1,300 years the Clovis horizon (for spear points found near Clovis, N.M.) of about 11,200 years. Most archaeologists believe that humans migrated across the land bridge from Siberia to Alaska around 12,000 years ago. For now they are saying that the new findings could indicate humans came by some other route or that they migrated across the land bridge much earlier than previously thought.

EGYPT CLAMPS DOWN ON INDEPENDENT ARCHAEOLOGY

As the worldwide clamor grows for a new and unbiased reexamination of Egyptian ruins, the powers-that-be appear to be forming a rationale to block, or at least tightly control, any such efforts.

Foreign archaeologists, particularly those with unorthodox views, are now finding it harder than ever to get the approvals they need from antiquities authorities. The stated reason is a proliferation of amateurs. Exactly what is meant by amateurs is not clear, but the case of Greek archaeologist Liana Souvaltzi is cited. Souvaltzi apparently caused considerable consternation in academic circles recently by claiming to have discovered the tomb of Alexander the Great. Egypt, it seems, was embarrassed when scientists reviewing Souvaltzi's work determined her findings to be several centuries off the mark.

Ali Hassan, chairman of the Council for Antiquities, says the biggest problem he has is researchers like Souvaltzi who are funded by private sources, not

recognized institutions that require teams to take meticulous records of their finds.

Another problem, not so freely discussed, is that of corruption within the antiquities bureaucracy. Recent breaches in the security of museums and thefts of important artifacts have increased pressure on the establishment to clean up its act.

In the meantime Soulvaltzi, who takes the new clamp down personally; in an attempt to regain her permission to dig in Egypt, is reportedly taking the matter to court.

JOHN MICHELL AND COLIN WILSON TO HEADLINE ATLANTIS RISING TOUR OF ANCIENT SITES IN ENGLAND

Joining forces as featured speakers on a tour of English sacred sites this September will be two of the best-known proponents of the notion that there once was a great but forgotten fountainhead of civilization on Earth. Colin Wilson, best-selling writer of *From Atlantis to the Sphinx*, and author of many well known books on the paranormal will join, on this occasion, with world-renowned authority on ancient alignments, sacred geometry and earth currents John Michell.

Atlantis Rising readers and others of like mind will make the trek to learn the latest on connections between enigmatic ancient monuments like Stonehenge and Avebury and a highly civilized pre-historic society. Entitled *English Sacred Sites: the Atlantis Connection* the seven-day tour will seek insight into an ancient order with such mastery of the landscape that it could not only raise giant stone temples at favorable locations but could also, with great precision and over great distances, align them to each other, as well as the moon and stars.

Other experts joining the tour will include F.C. Busty Taylor whose startling insights into the existence of an ancient, yet still standing, worldwide energy grid have earned him an enthusiastic personal following in both America and the U.K.. Personally hosting the tour will be Atlantis Rising Editor and Publisher Douglas Kenyon.

Colin Wilson's work has earned him recognition as one of the foremost authorities on the case for Atlantis, one which makes him a considerable thorn in the side of the academic establishment. Wilson believes that the planet suffers from a collective amnesia which prevents it not only from recognizing the achievements of the ancients but also from the kind of self knowledge that can save us from the abyss.

We all live within the ruins of an ancient structure, whose vast size has hitherto rendered it invisible, says John Michell, author of *The View Over Atlantis* and many other books on our lost heritage of earth knowledge. Michell eloquently and passionately insists that before we can learn how to live on Earth in the future, we must first learn the secrets our ancient predecessors once knew.

Michell has demonstrated that the builders of Stonehenge and other ancient monuments, possessed a technology and mastery of geometry beyond anything known today.

Tour participants will depart New York for London on September 6 and return on the 12. If you are interested in joining, call Mystical Journeys as 800-369-7842.

NEW YORKER TRIES TO TRASH NEW SPHINX EVIDENCE

Those who have been avidly following the feud of recent years between conventional Egyptologists and vanguard researchers such as John Anthony West and Robert Bauval concerning the antiquity and provenance of the Sphinx and Pyramids of the Giza Plateau will enjoy the latest salvo from the traditionalists camp in The New Yorker magazine. Writing in the February 10 issue in an article entitled Perils of the Sphinx, Alexander Stille reports on his travels to Egypt in the company of Mark Lehner of the University of Chicago, respected academic Egyptologist and renowned defender of the conventional paradigm.

Stille noticed fossils of spiral-shaped shellfish and oysters embedded in the quarry wall and the Sphinx itself, as well as rockface impressions left by coral, memories in stone from the time the entire area was under water. This personal observation was apparently insufficient, however, to give him pause before seeking to invalidate the conclusions reached in 1992 by Boston University geologist Robert Schoch. Schoch determined that the weathering patterns suggested water, not sand and wind, erosion and, consequently, a date of creation of no later than 5000 B.C.E. (and probably earlier still), a revision backwards in time of at least 2400 years from the currently accepted later date of 2600 B.C.E. By way of rebuttal, the article notes only that (d)ozens of other geologists with much more time on the Giza Plateau disagree and insist that other erosion processes could account for the weathering patterns observed. Ultimately, Stille faults Schoch for an inability to provide historical data to support his hypothesis, citing the lack of evidence of stone-carved temples or colossal statuary anywhere in the world before Egypt in the third millennium B.C.(E.). One wonders whether Stille is familiar with the review of just such evidence in Graham Hancock's Fingerprints of the Gods, among other books.

SCHOR GROUP DENIES CLEARING TUNNEL BENEATH GIZA CAUSEWAY

Unconfirmed reports, on the internet and elsewhere, that the Joseph Schor group cleared debris from a tunnel beneath the causeway between the Sphinx and the Great Pyramid, during late February have been denied by an official with the Schor group.

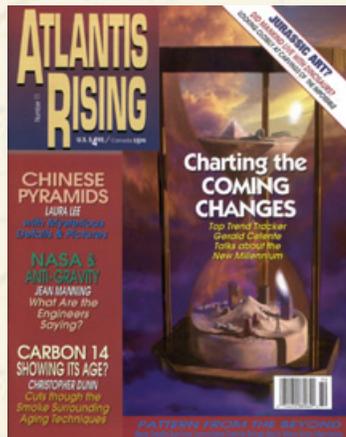
Television producer Boris Said told Atlantis Rising that the group has produced evidence from ground penetrating radar of the existence of a tunnel, and has applied for a permit to dig. It remains unclear, whether the Egyptians will allow

the Schor group to follow through or if they will do it themselves. Said also says there has been some superficial investigation of Campbell's tomb, near the Sphinx, which is believed to be close to the tunnel. Nothing further on the location is being released at this point.

Filming for a documentary, which it is hoped will reveal, sometime this fall, a secret chamber beneath the paws of the Sphinx, has continued, but no firm commitments have been made as yet.

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THE CYCLES OF CHANGE

by

Kathie Garcia

We are changing constantly. As we deal with greater or lesser changes in our personal and collective worlds, we tend to lose perspective of where we were or where we're headed in relationship to where we are now. We of the West tend to break up our lives in terms of separate events, happenings, episodes. We lose sight of the larger cycle. We lose the thread that was there throughout all our permutations and changes; we don't usually, for example, perceive a teenager in terms of having been a child and becoming a man. We say, He is a teenager rather than He is passing through the changes we call adolescence.

Astrology is built upon the premise that any given moment contains within it the geometry of that which will unfold in precise and sequential periods of time. Considered as parts of a unit of activity, these periods together form a cycle. All cycles relate to wheels, to endlessly moving circles becoming spirals. The astrologer will base his/her art not only on defining and interpreting the meaning of a given cycle, but also its harmonic resonance with other cycles occurring simultaneously and inter-dimensionally.

But whether we consider a Great Kali Yuga cycle of 432,000 years or a lunar revolution of two and a half days, a life cycle of an individual or the fate of a nation, all cycles, hence all change, follows the same pattern. Every life, like a play, has a central theme, a major dramatic question, if you will, which is played out in repetitive, interrelated and yet distinctive cycles, all leading to a moment of climax, a crisis of some sort, from which springs resolution and finally transmutation.

Let us look at the unfoldment of a cycle even as we would look at the unfoldment of a play. Ideally, in any drama, the audience identifies with the characters, forgetting for the moment that they are spectators to a play. Somehow Romeo's plight becomes our plight, Othello's anguish our own. If a play is well constructed and the actors do their part, not only do we identify with their problem but we move through the sequence naturally because the play itself mimics the natural laws of change. Something that is this way today has to change into something else, but how? Aha! There's the rub! And the how if not necessarily foreseen, so the author, like the Great Dramatist of Destiny, will take us through many spins. What will happen next? In metaphysics, drama is said to be 7th ray function, native to all alchemy, the science of changing one thing into another.

Astrology interprets the meaning of cycles to help us more consciously make right decisions and, you might say, be in the right place at the right time doing the right thing or at least be the most prepared as possible for difficult times. Astrologer Dane Rudhyar once said, why should events be foretold accurately? The coefficient of inaccuracy is the coefficient of freedom! It is easier to make accurate predictions in societies where freedom of choice is greatly hampered by social mores or dictatorial governments. Even the inexorable law of karma can be offset by grace. The impact of the individual bears upon the plot of his own destiny as written in the stars! Any point of a cycle, based on a circle, will relate to every other point in the circle. Certain of these angles, called aspects, are given more weight than others when considering the prediction of events in the lives of men and women. These we will consider in this article.

CONJUNCTION 0 degrees.

Any conjunction, like a New Moon when the Moon and Sun are conjoined, represents the beginning of a cycle as a result of an ending of a previous cycle. This is the point where the serpent swallows his tail. The conjunction contains the seed potential of what will be and in the future will serve as a reference point. The activity of the cycle is determined by the nature of the planetary body in question, the length of its revolution, its interplay with other planetary bodies and signs and in the case of personal astrology, with the individual himself. The planets, like characters in a play, add through their specific vibrations and nuances to the major theme.

In a play, the conjunction is equivalent to the major dramatic question, usually in drama brought to the audience's attention through an inciting incident, often a conflict, or perhaps a new idea or opportunity, that the play will seek in stages to resolve. In Hamlet, the ghost of Hamlet's father appears, revealing to Hamlet that he was murdered and extracts from him a vow to avenge his untimely death. The rest of the play deals with Hamlet's struggle to fulfill this mission.

ALPHA SEXTILE 60 degrees

In *Cycles in Practice*, Astrologer Charles Harvey describes the sextile in terms of the busy bee methodically and joyously creating his hexagonal honeycomb. Here we see Hamlet feigning madness, drawing up his plans. At the end of the last century, Neptune and Pluto were conjoined in Gemini (knowledge, travel, transportation, communication). The first gasoline powered car appeared. Since 1948 on into the 90s, Neptune and Pluto have been in close sextile, marking a time of incredible opportunity for spiritual growth spanning several generations. Modern transportation, air travel, computers and other communication devices have completely transformed our way of life. We see these advances in the best of interpretations as a means to free us from bondage to materialism.

ALPHA SQUARE 90 degrees.

When we reach the square on the waxing half of our cycle, we meet the first significant resistance to what began at the time of the conjunction. Something stands in our way. Will it topple us or will we master it? Squares are usually characterized by tension. The idea is put to the test. Through resolving the challenge represented by the square, we can actually garner greater inner strength, our project is fortified by the will to continue despite difficulties, through our attention to diminish that which opposes us. In Hamlet, our hero is reluctant to take on such an onerous task. The time is out of joint, he laments. He wonders if it's worth the grief and struggle. He considers taking his own life. To be or not to be? He is reluctant to accept the burden of his destiny, but wrestle with it he must. Better to bear those ills we have, Than fly to those we know not of?

ALPHA TRINE 120 degrees.

A trine forms a 120 degree angle to our starting point but also forms a sextile to the last sextile and semi-sextile to the point of the first square. Having resolved the initial kinks, there is harmony and flow. Another time to energize, preparing to meet the next square.

OPPOSITION 180 degrees. (Alpha/Omega polarity)

The opposition completes the first half of the circle. In a play, the plot has reached a crisis. This phase corresponds to the Full Moon in the lunation cycle. The Sun and Moon are diametrically opposed. The question posed at the conjunction is dramatically brought to light. Hamlet confronts his mother. The ghost of his father reappears, this visitation/ Is but to whet thy almost blunted purpose. The ghost reminds Hamlet of his vow and take us back to the original conflict (conjunction).

That the seed potential will reach its intended manifestation, while preordained, is not necessarily a given. A regarnering of purpose, of desire, is necessary at this point to complete the cycle and avoid it being aborted prematurely. As we all know, climbing up the mountain requires a greater determination than walking down.

Oppositions are often intense, dramatic and almost always involve relationship dynamics and the necessity to harmonize opposing or conflicting viewpoints. When considering planetary oppositions, conflict is common and often extreme. Success in resolving differences will be affected by the planetary bodies in question, whether they be by nature complementary or antagonistic and in terms of the native's integration of their basic energies as seen through the natal chart. In the natural zodiac, Libra is placed at 180 degrees. The sign of the scales teaches that compromise and cooperation is essential to resolve opposing viewpoints, and achieve balance and polarity.

In mundane astrology, the astrology of nations, oppositions often relate to clashes between nations. Charles Harvey notes on the Saturn opposed Uranus/Pluto transit of 1965/1966: This marked the beginning of the rapid acceleration into bloody confrontation in Vietnam between the USA and China. The likelihood of such a confrontation was spelled out in 1963, by Andre Barbault, on the basis of this configuration. Likewise in 1966 he predicted that these two opposing ideas would probably have to fight out their conflicting ideologies until 1971/2 when Saturn would move to the 120 degrees of first Pluto and then Uranus.

At 180 degrees occurs a major shifting of gears, as the culmination of the Waxing cycle becomes the beginning (conjunction point) of the Waning phase. Knots in the Alpha cycle become apparent but more difficult to mend on the way back home. Even as a cycle energetically must reach its completion, there is often an anticipation of the following Alpha cycle during the Omega return. In a play this cycle is called the resolution and lasts until the final curtain descends.

OMEGA TRINE 120 degrees

120 degrees on the upswing is also a sextile to the opposition point and a trine to the original conjunction. Through creativity and with a mind toward the final goal, conflict brought to light during the opposition is sorted out resulting in positive results, harmonious flow, equilibrium and encouragement. Quieter than the original thrust, perhaps a confirmation that the project is worth continuing.

OMEGA SQUARE 90 degrees

A time of major challenge and tension in any cycle. In a yearly cycle this would relate to nine months, the time a baby is born. What was conceived at the conjunction enters physical manifestation. The tension up the Omega mountain is tangible and felt. Will must be exercised to reach the summit. The Cardinal points of the cycle: conjunction, square, opposition, square all relate to periods of evaluation when change and the need for change is most physically apparent. Hamlet is resolved to fulfill his untimely destiny. But he has taken too long to garner his loins. He meets crisis after crisis all reflecting the mire he got himself into by procrastinating during the earlier part of the play.

OMEGA SEMI SEXTILE 30 degrees

Like the sextile, a very busy period, a last chance opportunity before the cycle concludes. Note that the sextile is also quincunx the Omega Return point of the opposition. Quincunxes show the need for adjustments and there is often a heaviness before the final thrust.

CONJUNCTION

The end of the cycle is the beginning of a new cycle, and a point of progress and evolution, hence the spiral. In the play, the denouement presents us with the resolution of the initial conflict and its effect on the Hero and other key players. Hamlet fulfills his mission, but not only the King, but also his mother the Queen, his betrothed, two of his friends, her father and brother are dead. As he dies, he asks his loyal friend Horatio to go and tell his story. The play lives on.

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Music To My Ears

by

Robert Resetar

As the screeching gears of tired musical paradigms downshift into the new millennium we see ever more hopeful signs that the future trends of art will once again honor purity, heart and personal responsibility. The earth's base frequency is indeed rising and with it comes the rekindled awareness of the power of sound to both heal and to destroy. At last we are seeing scientific evidence of what the ancients knew all along. Each piece of music is an energy formula and each of us is an energy formula. The power to choose life or death for ourselves and our planet is determined from moment to moment by the decisions we make that affect our unique vibrational formulas. Not the least of these is the music with which we surround ourselves. Merely liking a piece of music has little to do with it's multi-dimensional effects on the health of your cells and organs, your spiritual centers and emotional outlook. In fact, just as there are addictions to physical substances there are also musical addictions or addictions to certain types of audible frequencies that affect the body and consciousness in such a way as to create an addictive spiral. More on this later.

RIVERDANCE, The Show (Video), Columbia/Tristar

If you haven't seen it on PBS or heard it playing in a store you've probably heard people talking about it. Riverdance has become one of the hottest musical/dance sensations in the western world. For those of you who have somehow missed it, this tribute to Irish culture in music and dance has played to standing room only audiences from Dublin to New York to California. The choreography by Michael Flatly, who is also the featured performer in the video, is stunning. The show and Flatly's choreography has effectively made Irish step dancing the latest dance trend in America. People of all ages enjoy the rhythmic intensity, synchronization of the dancers and the uplifting spirit of the music. Composer Bill Whelan's score is exceptional and captures the spirit of Irish, Spanish and other ethnic influences brilliantly. Presented as a musical review (no script or dialog), each dance number is showcased between a vocal performance for variety. The sets are simple but highly effective. All in all, the word on the street about Riverdance is true. It's good stuff for the whole family. So buy yourself a copy of Riverdance, The Show on video and prepare to be delighted. Also available on video is Lord of the Dance featuring the work of Michael Flatly.

AWAKENING TO ZERO POINT (The Video), Gregg Braden, Laura Lee Press

Geologist Gregg Braden discusses the phenomena of changing cycles in the earth and his theories on how they are affecting us at many levels. Beginning with the physical changes of earth's rising base frequency and diminishing magnetic field he describes what he calls The Collective Initiation that everyone on the planet is experiencing. Gregg presents a well-structured, logical progression of information that is easy to follow and never boring. He speaks from the heart and has the ability to make some complex concepts seem like common knowledge. Based on his book, this updated 1996 two-video set has a nice assortment of supporting visuals and enough information for several viewings. I highly recommend it. (3 Hr. 50 Min.)

TO ORDER Call 1-800-243-1438 Laura Lee Press

BALANCE, Carolyn & Steve Fazio

Flowing piano solos by Carolyn Fazio highlight this nicely done recording. Spatial synthesizer accompaniments and some acoustic guitars fill out the arrangements to create a relaxing, heartwarming collection of songs. Carolyn and Steve Fazio of Crystal Bay, Nevada are teachers of Conscious Awareness through Sound and have produced this recording to raise consciousness, open the heart and relax the mind. A consistantly calm, medium tempo feel creates an easy-going ambience. I applaud their work and hope to hear more from them in the future. (see ad on page 53)

TO ORDER Call toll free 1 (888) 707-3473 pin# 4979 (Available on CD only) E-Mail faz@sierra.net.

FIRST LIGHT, Piano Solos, Narada Lotus

This collection of piano solos by 5 lesser known Narada artists was recorded on the same Steinway nine-foot concert grand piano, in the same room, using the same recording equipment and methods. Each artist brings their unique touch to three original selections. Adrian Carr is of particular note with his range of sensitivity. John B. DeHaas also delivers three nicely rendered performances. Mia Jing, Glenn Paul and Sheila Larkin complete the remaining pieces for a total of 68 minutes of music. For mellow backgrounds and quiet moments try First Light on the Narada Lotus label. Available through most retail outlets.

Robert J. Resetar is a composer/arranger living in the Minneapolis/St. Paul area. If you would like to have your recording or video considered for a review in ATLANTIS RISING send it to P.O. BOX 23528, Minneapolis, MN 55423. No selections will be returned. Preference will be given to alternative styles that are notably calming, colorful or unique.

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Mountains In Time

by

J. Douglas Kenyon

With news from Chile, Germany, Ethiopia and Siberia to make the point (see page 11) it is easy to see that the orthodox scientific scenario for the origins of man is being forced much further back in time. If primitive man was around so many thousands of years earlier than the experts have been willing to admit, the time available for evolution to higher levels increases. When coupled with other factors, such as evidence of advanced technology implicit in the building methods of ancient monuments or the proven existence of ancient mastery of such subtle astronomical processes as the precession of the equinoxes, to say nothing of water-weathering evidence for much greater antiquity than supposed for the Sphinx, the new discoveries make the likelihood of a great pre-historic fountainhead of civilization much harder to deny.

As Galileo's telescope once forced authorities to raise their sights to include a larger universe, the advance of true science, once again, seems destined to make the academic establishment adjust its horizons, though on this occasion,

in time rather than space. And just as scaling a mountain exposes new vistas, our trek from the valleys of ignorance and superstition may soon reveal hitherto undreamed of possibilities pertaining to our origins.

One of the benefits of climbing a great mountain is the ultimate opportunity to discover other mountains of comparable height which were hidden from view in the lowlands. In fact, some would argue, our struggle upward may be, at least partly, motivated by an unconscious desire to unveil the sibling realities of other peaks, to understand that we are not alone in time or space.

With each new age of discovery, comes a new appreciation for peers in previous ages. In the Italian renaissance came a rediscovery of ancient Greek culture. In the Age of Enlightenment, the records of ancient Egypt were reclaimed. Now, perhaps, the dawn of a new millennium may advance our understanding far enough to uncover a world, even more deeply buried beneath the sands of our forgetfulness.

Perhaps, the reason that we have been unable, previously, to find sufficient tangible proof to convince skeptics of the achievements our ancient forebears has been a lack of sufficient breadth of vision to behold and comprehend their achievements.

Does the reappearance of an ancient comet portend that we may soon attain the necessary height to see other mountains-in-time equal to, if not exceeding, our own? We will soon see.

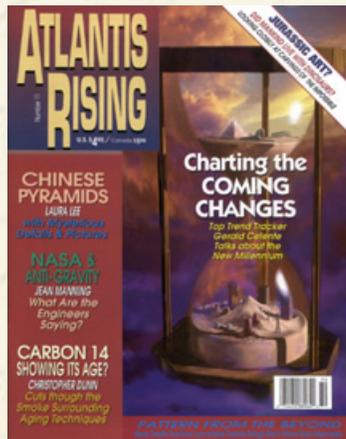
Over the next ridge, perhaps.

J. Douglas Kenyon

Publisher

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Letters To The Editor

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QUESTIONABLE GOINGS ON

This time readers found plenty to complain about, polititions, revisionists, the ignorant and even Atlantis Rising.

PARANORMAL POSSIBILITIES

Many thanks for Paranormal Paratrooper with David Morehouse. Having lived in Maryland for many years, I've not been able to miss the large NSA/Ft. Meade complex with their big iron fences and black helicopters parked out back. Rarely though do you ever hear publicly of anything that goes on there. Morehouses book Psychic Warrior offers a glimpse of some of the goings on.

I'd heard of the government involvement with remote viewing before, first in Howard Blum's 1990 book Out There, but that was in general terms. Then in 1993,

heard an ex-Army Sergeant (I don't recall his name) talk about remote influencing work at an expo in Los Angeles. the Sergeant said then that he had quit the Army program at Ft. Meade for moral reasons, he just couldn't sleep at night after doing his job of trying to get into the head of Mikhail Gorbachev at a distance. It all sounded so far out then that I didn't know what to believe. However Morehouse's book confirms what the Sergeant had said.

Mr. Morehouse indicates that remote viewing was work that was started by the Russians in the 60's, but the book *Unholy Alliance* reports that the Nazis were very involved in the occult and used it to their own ends, at one point they even had an astrologer rewrite Nostradamus prophecies to say that the Nazis would win. German Ludwig Straniak demonstrated to the Nazis that he could pinpoint the battleship Bismarck's location using a pendulum. *Unholy Alliance* also reveals that the Nazis successfully used psychics to locate Mussolini in 1943 after he had been arrested and hidden on the island of Ponza.

When the truth be told, I wonder just how extensive the psychic warfare is in regards to the powder keg world we presently live in? It is becoming clear that those with a spiritual orientation cannot ignore the psychic warfare that is going on under our noses.

Ken McGhee

Arlington, VA

WHO WAS THE TWIN?

According to (Paul) Roberts (*Following the Path of the Wise Men*) Jesus probably had a twin brother, Thomas, and that it was he who was crucified rather than Jesus...

Over ten years ago, I too considered Thomas, the twin of Jesus. But I have found that the identical twin of Jesus was a different disciple.

The Edgar Cayce readings tend to show that Jesus was taught by the Essenes until he was 14 years old or so of age. Then Jesus studied in India, Persia and Egypt. In order for many of the major religions of the world to be correlated to the Hebrew religion with its extensive library, there was an identical who studied and became a Pharisee sage (at a later time sage became rabbi).

The identical twin who died on the cross knew enough of the law that he named the young man (Mark 14:51-52) as the person that delivered him to the guards of the Sadducees, to be killed so that Jesus would live.

Exodus 22: 22 Ye shall not afflict any widow or fatherless child.

If a person killed a son of a widow, then the killer could be required to support the

widow as her son.

John 19: 26 When Jesus, therefore, saw his mother, and the disciple standing by, whom he loved, he saith unto his mother, Woman, behold thy son'!

John 19:27 Then saith he to the disciple, Behold thy mother'! And from that hour that disciple took her unto his own home.

The Edgar Cayce readings state several times that the disciple John was the wealthiest of the disciples.

John had delivered his supposed older brother James to die on the cross. The supposed elder brother James did not inherit the fish business and homes of Zebedee, because James was the identical twin also known among the Pharisees as Judas Iscariot.

Tommy Webb

Ovalo, TX

BATTLE OF THE SKULLS

You may have discovered by now, through the grace of some other Crystal Skull Watcher that the photo of the Mitchell-Hedges Skull (courtesy of Joseph Jochmans) was not the Mitchell-Hedges Crystal Skull at all. The cheekbones are much too squared off, the eye sockets too rounded, and the jaws and teeth are not as naturally carved as the Mitchell-Hedges Skull, which I might add, is the most accurately carved representation of a human skull of all the known larger Crystal Skulls.

The Mitchell Hedges Skull is on its last trip through this country as its keeper, Anna Mitchell-Hedges, daughter of its discoverer, F.A. Mitchell-Hedges, is moving back to England. As you may imagine, it's going with her...

I spoke with Anna about her reasons for not attending the testing conference that Charles Pelton mentioned in his article. By alluding to her refusal to attend. Through this innuendo, he made it appear as though Anna might be trying to hide something. The fact of the matter is, and I think Pelton knew it, that there was a conflict in Anna's schedule and in addition, she declared the skull had been tested enough, it having spent six years with Frank Dorland and some months at the Hewlett Packard labs where it was discovered after which they returned it without mention that one of its teeth had been chipped. It had already been shown that the skull was authentic according to the experts. What more could be asked? The only other way to age-date crystal is to smash it to bits and check the age of the water in the occlusions and even then, only the age of the crystal might be determined, not when it was carved. That seems a bit like cutting off your nose to spite your face, I think. All much ado about a Pelton/Nocerino agenda to promote Max and the itinerant Tibetan monk over the other skulls and their keepers. The

only clear competition in this is the Mitchell-Hedges skull. Because of its overall anatomical accuracy and the superb rendering of it from a whole crystal, it will always be shrouded in mystery. Sigh. The great Battle of the Skulls goes on. I just don't like innuendoes and misleading information.

I think now it (the skull picture from issue #10) may have been a photo of the British Museum Skull.

Hilde Barrett

Traverse City, MI

Oops. Apologies to all. ED.

THE FLYING ANCIENTS

My comments relate to the 1896-97 airship flap in California.

I checked with both Encyclopedia Britannica and World Book Encyclopedia current editions. Lighter than air airships go back to 1852. It is true that listed development is only in Europe for the period. But a searchlight on a craft of the same shape as a dirigible or a blimp traveling slowly, probably was a blimp or a dirigible.

Airships were powered by electricity, steam, hydrogen-fueled internal combustion engines, gasoline and diesel engines. Other ideas might even have been tried. Some would have been very quiet engines. Top speed for airships was 80 miles per hour. They could stay aloft for days.

Originally airships used hydrogen to stay up. The United States changed to using helium, which was safer. Helium was considered a military advantage and we did not let Germany have any helium.

What was seen might have been development by private individuals or the government in secret. To believe it was a lighter than air experimental airship is the easiest explanation for the data. Your B2 article in the same issue is along the same lines.

George W. Richards

Rochester, NY

SHIFTING POLE

There are many predictions for the new millennium of 2000 AD, telling of pole shifts and wanderings, among other phenomena. My own measured observations show that at the winter solstice of 1995, the sun did not track as far south as in 1994, a difference of 2 degrees to the north. At the winter solstice of 1996, the sun again did not track as far south as in 1995, a difference of 2 degrees to the north. This gives a northward trend of 4 degrees in the last two years.

Now, the sun is not moving, we are. This change, if it continues, will create weather changes. It is exciting to be experiencing the predictions. What's next?

David A. Wilson

Black Mountain, NC

Regarding the pattern described by survivor Lynnclaire Dennis on page 15 of Volume 10, do you think it could be a pattern of the way the earth might shift as a result of some future calamity (e.g., pole shift, asteroid collision, earth warming, icecap melt)?

Kathy Jacobs

the Internet

More on The Pattern in this issue. ED

LIGHT LADDERS

What many are now seeking, of course, has been available since the human body, with its ladders of light/sound centers, was first created. The answer, as our Hopi friends say, lies in stepping off the earth ladder (lower centers below the single eye) onto the spiritual ladder (higher centers in the head) which is accomplished with the loving help of a perfect master (not an avatar or a prophet or a rishi, or an adept, etc.) who is a direct representative of the true creator (of soul, not mind). This is the way set up by the Formless, the Nameless. The trick is to discover the difference between one from the real and one from the projection.

Jean Poole

Clarkdale, AZ

NO TABLOIDISM HERE

I am interested in real science and the unusual or extraordinary pyramids, Atlantis, E.T.s and on and on so long as the source doesn't descend into redundancy and tabloidism. So far you have avoided that pitfall, and I know it is hard to do. A lot of good info, even good stuff, is sketchy at best sometimes, but you guys have been able to continue with style and genuine professionalism. Thanx.

I'm looking forward to reading on with Atlantis Rising.

Joseph Sulzer

Tacoma, WA

Address your comments to:

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