

THE ILLUSION OF FRAGMENTATION, THE ARCHITECTURE OF WHOLENESS AND THE COLLECTIVE UNCONSCIOUS

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This experiential study in dreaming-waking consciousness spans two decades, revealing insights into the mysterious interconnectedness of light and vision, matter and spirit, and time and eternity. We will examine the syntax and coding of dreams as a fragmentary language, related quantum features, and a range of sciences that infused my dreams, possibly governed by the presence of a higher intelligence. Representations of historical figures of science include Claudius Galen, Claudius Ptolemy, Nicolaus Steno and Marie Curie. Their collective message was one of dire concern for the earth and survival of humankind. This was admittedly curious for a person lacking background in any of their disciplines. Inquiry into a transcendent reality began in 1994. The laboratory is situated within the confines of my dreaming mind and physically located in my bed where I surrender to those strange metaphors of the night.

Dreams fragments are italicized and dated.

My journey into the infinite began with this dream:

11/25/98: A constellation appears; then the image of a stone embankment, stretching into infinity. I see a lion made of stone. He comes to life and moves his head. Next, I see the head of a young man, also of stone. He, too, comes to life, and following that, there appear more heads made of the same stone, three men and one woman, each one turning slightly as though taking a bow—like the finale of a play.

I could not know at the time that the statues who awakened within the dream would breathe life into all that followed.

In November 1999 while visiting Luxor, Egypt, I remembered the dream of the statues. Following the Light and Sound performance at the Temple of Karnak, an arc of natural light shone high in the sky mirroring another dream:

8/10/99: I see a huge golden floor lamp in the shape of an arc. The light fixture is that of an eagle's head. It occupies the whole room. A man wearing a skullcap looks like I Claudius.

The eagle is the first letter in the Egyptian alphabet, but who was I Claudius? I would later learn that two second century Claudiuses would play a part in this odyssey; one representing light; the other, vision.

Thus began an unceasing stream of spontaneous information in a series of 38 dreams related to light and vision concluding with a neurophysiologic pathway in the brain for visual-emotional-cortical study. Dream symbols represent speed of light, neurotransmitters, cell structures, synapse information, the hypothalamo-pituitary-adrenal axis, electrical transmission, and hormonal output.¹

11/11/94: The pivotal dream involved a deceased friend, a Uranian astrologer, who communicated that the Optic Nerve was a breakthrough for (hu)mankind. The dream imaged a circular key ring with five keys informing me that the same key fits all the apartments but no one knows it. A sixth key was not visible.

Ancient Vs. Current Theory: Light and Vision

The idea of a direct path of light rays to the optic nerve was the basic concept of Galen's geometrical analysis of vision, whereas the observation of connections between retina and lens formed the basis of Galen's pneumatic doctrine of vision² "which [...] assume(d) that the (luminous) pneuma was not only the agent of optical perception by the eye but also its physical carrier through the nerves and the space."³

"Snell's Law" of refraction discovered in 1621 is defined as the ability of the eye to refract light that enters it so as to form an image on the retina. When we open our eyes to light, the images on our retinas are upside down due to the bending of light waves as they pass from the air into the cornea. Ultimately the optic nerve sends electrical signals to the brain which flips the images right side up.

Conversely, images I dreamt right side-up, in waking would appear upside down. Was I dreaming through the eyes of the spirits—or the stars—or a mirror universe? Might commonly reported "flashes" of dreams indicate that light travels at a higher frequency while we dream? Was the light of intelligence embodied in a spiritual frequency that reaches our dreams? Were we on Earth like refracting telescopes?

¹ Judy B. Gardiner, "A Dream Odyssey of Visual–Emotional–Cortical Connections 1997," unpublished study.

² Rudolph E. Siegel, M.D., *Galen. On Sense Perception* (S. Karger, Basel, Switzerland, 1970) 40.

³ *On Sense Perception*, 47.

Mythology

Embedded in our higher consciousness are cosmic particles of the world's legends among which my dreams enfolded the Holy Grail, Osiris, the Australian Aboriginals, and others. The **Rosicrucian** legend symbolized by the Rose Cross opened my dream world to new fields of knowledge including electronegativity. The rose, an alchemical symbol of the Great Work of spiritual transformation was also a symbol of silence concerning secret knowledge:

2/2/01: "Bubbling Globe" is repeating. The heat from the sun caused a chemical reaction. I'm in a store and I see a beautiful golden rose. It is a cross between a rose and a genetic symbol. Then I see a flash of chemical symbols—I remember En 2 but there were many more.

Linus Pauling created his electronegativity scale in 1932. Electronegativity (EN) is a measure of the tendency of an atom to attract a bonding pair of electrons. The outermost shell of electrons determines the chemical properties of an atom as it allows bonds to be formed with other atoms.⁴ Pauling, the recipient of two Nobel prizes, contributed to our understanding of chemical bonds, the consequences of radioactive fallout, the study of DNA and more.

Phenomenology of Code

Upanishads, the collection of Indian speculations dating from around 600 BC, on the nature of reality and the soul, and the relations between the two visited my dreams in code.

1/20/94: The word or code - - - - - was described as extending every two and three lengths and was placed under the word Upanishad.

In Morse code the dashes translate to MOMOM. Given an avalanche of earth-related dreams, was it pointing to Mother Earth or to Om, the spoken essence of the universe, or both? Was Brahman, the world soul cryptically reminding us of our individual unity with the cosmos?

Finding meaning in such encoded messages evolved to exploring various methods of encryption that served to decode my dreams beyond their usual metaphoric value. "Steganography," an ancient Greek art

⁴ Linus Pauling, "The Shared-Electron Chemical Bond," *Proc Natl Acad Sci USA*, 1928 April 14 (4): 359–362.

tracing back to 440 B.C, means "concealed writing." The concept of a hidden language unearthed deeper nuance. Steganography aligned with dream material and manifested as implanted electronic coding, frequently in Greek. Messages often condensed a universal concept into a single image requiring the dreamer to constellate the image by converting it from personal to collective terms, e.g., breasts represented mother/Mother Earth. To make the point, forebodings of Mother Earth's despoliation included cryptic dream codes, paradoxical wordplay, and an interstellar variety of pidgin which found their place in forming what may be an ancient piece of the cosmic whole.

Mystifying computer anomalies revealed a systematic logic in relation to the overarching message, triggering in me a sense that I was advancing toward something I could not yet know. This unbidden surge of dreaming/waking communication elicited oceanic waves of emotion. Profound feelings of oneness, agape, and gratitude remain inexpressible.

Computer Anomalies

Greek code: ⁵

(3/18/00)

□ ΥΩ ΉΩ ' ' ω ΥΩ χφ Υ ^ ΩΥ 's ^ ^ ΩΥ ' , , ΉΩ

(10/17/09) ⁶

Two sets of the same pair of Greek characters matched those I had received in earlier text which translated to the phrase, "of Theos" (God) followed by the Greek uppercase omega, the last letter of the Greek alphabet meaning the end, the conclusion, the ultimate limit.

ΉΩ	ΉΩ
ΉΩ	ΉΩ

Following the words "In his treatise," Greek lettering autonomously replaced "On the Function of the Parts of the Body."⁷

In his treatise Χφ ΉΩ ω φΨ χωφ ωω ΉΩ ;Υ' , ωω ΉΩ υωυ .
*Galen (129-200 A.D.) presented a detailed anatomical description of the structures of the eye ...*⁸

⁵ Judy B. Gardiner, *Lavender ~ An Entwined Adventure in Science & Spirit*, (New York: CreateSpace Publishing, 2011) 84, 631.

⁶ *Lavender*, 439.

⁷ *On Sense Perception*, 10-11.

⁸ *Lavender*, 347, 631.

While Googling Sancellemoz (where Marie Curie's life ended in 1934) and attempting to insert a comma between Sancellemoz and France, a file autonomously appeared labeled "Geology." (9/17/04)

The computer often changed fonts by reducing, enlarging, bolding and as below, expanding or altering the font to correspond with the message:

*if you on Earth can compress many dreams into one why can't we do the reverse and spread out the clues. After all, from our vantage point there is no differentiation between neighborhoods..... even continents blur. We see you as one planet... one people.*⁹

4/13/94: *The word corundum kept appearing; it sounded like conundrum. It meant a new order or paradigm.* Was it a mineral or a riddle with a pun in its answer?

A **Rosetta Stone** dream linked to a more traditional string of codes. The inscribed granite slab dating to 196 BC was discovered in 1799 in Rosetta, Egypt. Written in three scripts; hieroglyphics, Demotic, and Greek, it provided the first clues to the decipherment of Egyptian hieroglyphics.

3/25/02: An accountant is reading something on a small paper with many lines of writing. I think of the Rosetta Stone. A girl wants to turn it into a figure eight.

9/11/00: My accountant's pants legs need to be taken in. WORD is code for the key. WORD is code was repetitious. Pants legs symbolized legs as in tracts of land requiring inspection (accounting).

6/1/96: I give an architect a stainless steel picture frame with his name on it. A game of questions and answers follows; people are waiting for me to play. The first clue has to do with the word "logo(s)." I see a metal structure around the word. It means I have the clues.

Oneiroglyphics: The Dream's version of hieroglyphics

Clues and codes are often obscured in dream semantics which I call Oneiromantics from Oneiromancy: divination by means of dreams. A universal system of rudimentary dream fragments or glyphs called

⁹ *Lavender, 586.*

“oneiroglyphics” may be applicable to the subconscious structure of visual association recognition memory and how it forms a web of interrelated associations. In hieroglyphics, religious drawings told the story of the ancient Egyptians. Oneiroglyphics may one day contribute to research in quantum entanglement and aid in deciphering this coded pictographic language to tell the story of modern civilization.

7/22/96: A dream illustrates a string of small objects on the ground denoting symbols that form words to describe something. Individual images in the dream appear insignificant: a catsup bottle, a filter; other nondescript articles.

Archeologist Denise Schmandt-Besserat’s little clay objects that became tokens evolving into the origin of phonetic writing,¹⁰ are reminiscent of dream fragments that at first sight contain a similar irrelevance, some which the unconscious “filters” out. “*The string of small objects,*”—symbols—are then strung together—connected.

Black Hole of the Psyche

The late psychiatrist, Dr. Montague Ullman, referred to the dream as a black hole of the psyche: “The dream contains an enormously condensed information mass. We are forced to let it expand, [...] or to unfold, and then deal with it in bits and pieces, ordered as best we can in time and space. These are the visual images that make up the Dream.”¹¹ Do we unconsciously leave parts of ourselves in the places we visit? Possibly our words, our energy don’t get lost in space but instead become a part of the place and stay there timelessly. My black hole dream follows:

8/23/96. I am carrying a parasol, walking through a heavy mist. There is turbulence, the air is thick. The winds are strong and I’m being thrown about but not minding it because it’s part of that life—part of that costume. I am walking along. There is a black cloth under my feet. Suddenly, there is no ground beneath me. I begin to fall. I fall into a black hole—a void—there is nothing. I am falling and falling and tumbling and can’t breathe. I am gasping for air. I think “This is it!” I struggle in the pitch-black hole.

¹⁰ Dean Falk, *Braindance, 1st ed.* (New York: Henry Holt & Co., 1992) 184-87.

¹¹ Montague Ullman, “The Transformation Process In Dreams,” *The American Academy of Psychoanalysis*, Brockwood Park, UK, Oct 14, 1974.

[http://siivola.org/monte/papers_grouped/uncopyrighted/Dreams/The Transformation Process In Dreams.htm](http://siivola.org/monte/papers_grouped/uncopyrighted/Dreams/The%20Transformation%20Process%20In%20Dreams.htm)

Suddenly there's a slab I can grab on to. I struggle and struggle and finally the unknowable slab brings me up.

The enigmatic slab symbolized the earth's crust which is divided into huge slabs, i.e. tectonic plates. The Rosetta Stone itself a slab.

THE ILLUSION OF FRAGMENTATION

The late David Bohm, 20th century theoretical physicist, wrote “[...] the word ‘health’ in English is based on an Anglo-Saxon word ‘hale’ meaning ‘whole.’ That is, to be healthy is to be whole. [...] Likewise, the English ‘holy’ is based on the same root as ‘whole.’ All of this indicates that man has sensed always that wholeness or integrity is an absolute necessity to make life worth living. Yet, over the ages, he has generally lived in fragmentation.”¹²

Subsumed in the strata of dreams, fragmentary thought is often embedded not only in imagery but in lengthy dream narratives.

Disordered images swarmed the study: terrycloth, vents, keys, a chair, concrete, massages, radios, slips, a begging cup, lavender, yellow and more. Beneath a blanket of fragmentary thought slept clues to the contributions of four departed tutelary spirits whom I shall refer to as mentors. The only mentor to have appeared in human form as well as fragments, was Marie Curie. Joining the ranks of the scientific elite were three deceased loved ones, appearing both earthly and symbolically; contemporary souls intimately involved in my perceptions of the world and more equipped to introduce to the ancients my familiarity with human habit and lifestyle. So began decryption from dream code to commonplace English to science. Following is a portrait of the mentors and a glimpse of associated dream fragments which over time strengthened my conceptual reasoning that the collective unconscious may be the overseer.

The Mentors

Claudius Galen, second century Greek physician and Vision mentor, dreamt that he had “committed an outrage” by leaving work on vision unexplained and promptly rewrote *The Geometrical and Physiological Concept of Vision*, which stands today as the first great study of the optic

¹² David Bohm, “Fragmentation and Wholeness,” *The American Academy of Psychoanalysis*, Vol. 17, No. 1, (February 1973) 18–24.

nerve.¹³ Galen's doctrines inaugurated a dream series of vision and light¹⁴, from which all else flowed.

Claudius Ptolemy, second century Greek astronomer and Light mentor was symbolized by a dream image of a *grid of lights*—like a cluster—a *way to communicate*. Ptolemy's Star Cluster, or M7 noted by Ptolemy in 130 AD consists of eighty distant stars easily detected with the naked eye. My dream showed eighty-two stars. A mystifying word/number puzzle concealed in a dream said "*OPTICO, pages 16-21.*" Ptolemy wrote five books entitled OPTICA on the refraction of light from celestial bodies. Ultimately, the page numbers revealed chemical elements, i.e. sulfur, chlorine, argon, potassium, calcium, uranium. Ptolemy symbolized light, Galen, vision. Now Chemistry?

Nicolaus Steno, 17th century geologist/priest, and Geology mentor whose principles led to the Geologic Time Scale. Steno was beatified in 1988 for his efforts to bridge science and religion. He is known today as the Father of Geology. His work was introduced in a dream featuring a *colorless rose, a pole and a steno pad*. The rose translated to rose quartz, then pure quartz which is colorless. Steno's study of quartz paved the way for crystallography, piezoelectric properties in quartz having been discovered by the Curie Brothers two centuries later. Steno, a metaphor for shorthand, was undeniably a course the dream was teaching. The pole remains an inscrutable symbol.

Groupings of geologic symbols decoded, for example, to seafloor spreading, subduction zones, and hot spots enfolding gases, metals, and minerals, numbering over forty elements. Veiled clues directed me to locales serving as prototypes of industrial devastation and environmental pollution. Geologic evidence, historic and current earth disasters, and recorded abuses corroborated dream messages.

Marie Curie, 20th century scientist and Chemistry mentor coined the term "radioactivity." She was the first woman to win a Nobel Prize in Physics (1903) and Chemistry (1911) for discoveries of radium and polonium. A bizarre combination of *pizza and cousin Andi* fragments¹⁵ led to Marie's use of piezoelectric techniques for measurements of radium preparations.

Sulfur, an early clue, marked my foray into chemistry, from a dream of *a butterfly transformed to a poisonous bumble bee*—to Sulfur, (butterfly family, Pieridae)—to mineral—to volcanic gas. Repeated caution of

¹³ Nancy Parsifal-Charles, *The Dream. 4,000 Years of Theory and Practice*, (Locust Hill Press, 1986) 169.

¹⁴ *A Dream Odyssey*.

¹⁵ Decoded: Pizza—piezoelectricity. Cousin Andi—related to andesite, volcanic lava.

“something new—self-turning eggs” followed. Sulfur persisted. Other gases including helium, chlorine, fluorine, and radon merged with countless metals. Dreams of *urine on mother’s floors* were deciphered as uranium (radioactive decay) in the earth’s crust, pointing to Curie’s discoveries of radium and polonium. The stair stepped structure of Bismuth was a precise match to the *upside-down J’s* I dreamed a year before. Bismuth decays into Polonium which Marie Curie named for Poland.

A *real-estate-alchemy*¹⁶ dream morphed to Curium, the radioactive metal named after Pierre and Marie Curie. I had drawn two images resembling the interior of a crystal and had written diagonally “250 cm” on one and “5 sold 250 cm” on the other. I’ve learned that cm is the symbol for Curium and that cm 250 is an actual isotope; half life 9700.0 years. I associated the isotope with a string of mother-daughter dreams. After years of dreaming *diagonals*, I learned of diagonal relationships in the periodic table only to realize that atomic numbers had populated my dreams. Warnings of earth disasters: volcanoes, earthquakes, tsunamis escalated.

Such were the early seeds of insight that the collective unconscious, our human network of thought, actively penetrates our dreams. Their message stayed on course. It was multi-dimensional, multi-disciplinary and deliberate. At this juncture I had crossed the threshold of the personal dream and entered the realm of cosmic dreaming, where science and spirit would become inseparable.

Puzzled by this method of encryption, I began to decipher its coding venturing blindly into uncharted territory.

Two Kinds of Order

The order we are accustomed to recognizing on the physical plane is “Grouping Order” which involves dividing and separating things into individual groups. The other kind of order is called “Symmetry Order” in which different types of things are combined together and distributed evenly through the whole frame of reference,¹⁷ in this case, our dreams.

The first step was to group fragmentary dream images and chemical elements that were randomly scattered over a field of sciences, e.g., optics, astronomy, genetics, geology, chemistry, physics. The next step was to

¹⁶ Decoded: 1) Real-estate—land—geology—Steno. 2) Alchemy—chemistry—Curie.

¹⁷ Gevin Giorbran, *Everything Forever*, (Enchanted Puzzle Publishing, 1996) Ch. 7. <http://everythingforever.com/Bohm.htm> Based on Bohm’s Implicate/Explicate Orders.

match the most appropriate science to the element in question. Earth behaviors were entangled with electromagnetic radiation, spinning disks, disintegration, photography, transmutation, technical advice. It was chaos theory at warp speed within which a certain kind of order was revealed.

THE ARCHITECTURE OF WHOLENESS

An innate need for connectedness buttressed with curiosity, intuition and associative memory piloted the study. Thus began the grouping of endless, dissimilar but repeating fragments.

Dreams of continental drift guided me to Pangaea from the Greek *pan*, meaning “all,” and *Gaea* or *Gaia*, “all the earth.” Pangaea’s pieces of the earth’s crust, tectonic plates, are a classic and collective symbol of fragmentation.

Fragmented images included a bevy of mother dreams grouped with breastplates, a buried plate, grapefruit on plates, roots on a plate, metal plates, X-ray plates, plates on the ground. Repeating plate dreams when connected to numerous images of earth behaviors produced a theme of tectonic plates. Mother became the cue word. Mother and Earth made up a non-separable entity. Similarly, Plates and Earth comprised Plate Tectonics.

Research reveals that “associative entanglement causes the studies target word to simultaneously activate its associate structure.”¹⁸

Dreams remind us of our planet’s wholeness.

Solar System and Earth

9/30/95: I dreamed two interlocking rings with the word ‘Gideon’ around them. A house was placed within each of the two rings. One house was the Solar System and the other was Earth.

The Mother Earth theme resurrected uncanny details of the sinking of Titanic, navigating my dreams to arcane depths of geology I could not have known, nor could I know of invisible chemical reactions unseen by the human eye. The message was pure architecture: one brick at a time, or plate tectonics, one plate at a time, or in dreams, one image at a time. Titanic’s tragedy, emblematic of drowning, of survival of self was

¹⁸ Bruza, Peter D., Kitto, Kirsty, McEvoy, Douglas, & McEvoy, Cathy. Entangling words and meaning. In *Second Quantum Interaction Symposium*, March 26-28, 2008, Oxford University. <http://eprints.qut.edu.au/11193/>

propelling me into even deeper waters: survival of the species. Concern for all life on earth expressed through dreams at a quantum level is where I experienced the universe as one cohesive whole.

Dreaming and the Implicate Order

Dr. Montague Ullman, in his final paper,¹⁹ “theorized a relationship of dreaming to physicist David Bohm’s implicate order, an order of wholeness that includes all that exists and does so in a state of interconnectedness. It is structured holographically, the entirety manifest at every point. Bohm preferred the term holomovement to emphasize that it is a generative order in flux. All matter unfolds out of the implicate order to form the explicate or unfolded order in a continuous equilibrium of enfoldment and unfoldment [...] Dreaming consciousness is situated between the two orders. As such it could be considered as a relay-station with input from both orders.”

Imagine the implicate order as an invisible order that includes dreaming consciousness which “allows us to open up our remote memory bank and frees us from space and time.”²⁰ Conversely the explicate order suggests a visible order that includes waking consciousness. Here “dream content is triggered by residual feelings not yet resolved.”²¹ Again, the two orders unfold and enfold into one continuous whole.

Ullman wrote, “There was something about these puzzling features of quantum theory that suggested an analogy to the nature of dreaming consciousness. My comments will be limited to complementarity, the contextual linkage of the observer and the observed, non-locality and interconnectedness.

Complementarity: The hidden unity of opposites is an apt term to describe the dual nature of consciousness pointing to the dual states of dreaming and waking. Both states, while experienced differently, are derivative of a unity. They are complementary. Both are necessary for a complete description of the individual.

Observer & Observed: Awake our observing egos are at times coherent with the underlying reality of our situation [...] we are either

¹⁹ Montague Ullman, M.D., *In Search of a New Abode*, 23rd Annual Meeting of the International Association for the Study of Dreams, July 2006.

[http://www.siivola.org/monte/papers_grouped/copyrighted/Dreams/The_Dream - In Search of a New Abode.htm](http://www.siivola.org/monte/papers_grouped/copyrighted/Dreams/The_Dream_-_In_Search_of_a_New_Abode.htm)

²⁰ Ibid.

²¹ Ibid.

emotionally engaged or not. Asleep and dreaming there is a radical shift in the observer role. The reality that now comes into view is spontaneous and unsummoned. We remain observers but are now observing a scenario not of our own conscious making.

Non-Locality: The instantaneous transfer of a signal from one place to another through no known physical means. Non-locality at the quantum level has been subject to experimental proof but still remains a baffling mystery.

Interconnectedness: The assumption that quantum connectedness applies to the universe as a whole. This view has gained support with the experimental proof of the general acceptance of non-locality as a basic feature of quantum mechanics.”

Morphic Resonance: A Chair in Alert Bay

The following experience illustrates a holographic-quantum study in fragmentation, interconnectedness and timelessness. I suggest an analogy of fragmentation to quantum theory in that energy is not continuous, but comes in small but discrete units as do dream fragments.

A dream identified as “*Success Wake Lake*” urged me to physically visit Alert Bay, Vancouver Island in September, 2000. While touring I noticed a purple chair on a ramshackle porch. I stopped short. Purple translated to lavender, wordplay for lava under; a major theme. The chair is heaped with clutter. Disconnected elements in that junk pile connected to a series of dreams about children, symbolically, the children of God. References to children’s toys and games were dispatched in repeated admonitions to stop the industrial desecration of our planet.

Italicized dream fragments preceded waking manifestation, appearing in five different dreams spread over six years (1996-2000). The waking life setting:

A child’s *plastic chair*; on the chair was a *bowl*, symbolic of a crater. *Dirt* inside the bowl imaged the *earth*; dead flowers and plants connected to *dead flowers under a chair* in a *Bethany* dream (resurrection) and again in a *White Rose* dream (oil field). Dead vegetation repeatedly warned of the spoiling of God’s nutrients. A *plastic toy fire hydrant* presaged the dousing of flames. The hydrant was *orange and yellow*, colors of a volcanic eruption. All components of this cosmic collage were *plastic*, depicting the plasticity of the earth, of explosives.

The phenomenon of years of dream fragments interlocking as a whole in a single moment at a distant location calls for further exploration. The collage on the porch was one link in forming a connective membrane in an

ordered scheme. Repetitive pairing of colors in dreams, primarily lavender and yellow, appeared in the physical realm on objects such as bricks, rocks, churches, fences, and a cross. In Bohmian parlance, “It is almost as if distant particles of a given color had ‘known’ that they had a common destiny.”²²

According to biologist, Rupert Sheldrake, morphic resonance is a paranormal influence by which a pattern of events or behavior can facilitate subsequent occurrences of similar patterns. Although the concept of a collective memory of a race or species is dismissed in modern science, Sheldrake is considering an approach similar to Jung’s idea of the collective unconscious.²³

The Timeless Loop

I was remembering the past, and also remembering the future. When a random fragment dreamt five years ago appeared in physical surroundings in the here and now, the time in which that dream occurred had moved itself into the present to make the connection, manifesting as one undivided unit of time—one circular vision—one unified whole. The convergence of the visible and invisible surpassed the dream’s typically instantaneous condensation of past and present to include the corporeal and incorporeal. Parapsychological phenomenon enfolded in this timeless reality appeared to facilitate grid-like communication with the Collective Unconscious.

Time and space became seamless when events not yet known, as well as historically recorded events in places I had never been, aligned to the pre- and retro-cognitive events I witnessed. Like the Roman God, Janus with his dual faced image, each face looking in opposite directions, our dreams can look both backward and forward simultaneously, time past and time future, as well as viewing both our personal and collective landscapes. This Janus-like bidirectional potential tells us that dreams can reach a broader domain. Ullman suggests that the telepathic dream spans across space; the pre- and retrocognitive dream spans across time.²⁴

²² David Bohm, *Wholeness and The Implicate Order* (London: Routledge & Kegan Paul, 1980), 225, 229.

²³ Sheldrake, Rupert, *Part I: Mind, Memory, and Archetype: Morphic Resonance and the Collective Unconscious*, (Psychological Perspectives, 1997).

²⁴ *New Abode*.

Eternal Giants

The eternal giants of science have issued forewarnings for two decades. Repeated dreams of a *cigarette burning deep in the ground* were scattered among warnings for the children—all of us. They warned of an *explosion and a commode, like a bidet, overflowing with urine. Industrial plastic is covering clothing and the flood of urine* (uranium). *Urine is everywhere*. PVC is believed to be the largest single source of dioxins on Earth, with a toxicity second only to that of radioactive waste. The mentors foreshadowed “*something new—self-turning eggs.*” This, together with unending geologic and chemical fragments birthed a theory that an unprecedented sulfurous transmutation is occurring within the earth.

Mother Earth's Puzzle Fragmentation to Wholeness		
<i>Dream Symbols</i>	<i>Scientific Referent</i>	<i>Thematic Subset</i>
Lavender Yellow	Lava Under Sulfur	Volcano
Pizza/Andi	Piezo/Andesite (electric discharge - volcanic rock)	Piezoelectricity
Butterfly Poisonous bumblebee	Sulfur (dioxide)	Volcanic gas
Urine/Waste	Uranium	Radioactive decay Hazardous waste
Self-turning eggs/ Alchemy	Sulfurous transmutation	Alchemical interaction
<i>Theory: A radioactive sulfurous gas occurring in the Earth =</i>		
Mother	Earth	In Peril

THE COLLECTIVE UNCONSCIOUS

The foregoing study, imbued in the science and spirit of four unforgettable figures of history and deceased loved ones may be

considered a grain of sand in the collective unconscious, but perhaps in one grain we can hold infinity in the palm of our hand.²⁵

In Carl Jung's words: "The collective unconscious contains the whole spiritual heritage of mankind's evolution..."²⁶ The fluctuating scales of human and earth behavior seem resonant with Mother Earth, our collective mother, her responses mirroring our own.

As opined by W. B. Yeats, had this study created a mingling with minds that had followed a like study in some other age and these minds still saw and thought and communicated. Had the mentors shown only a fragment at a time to arrive at the meaning of wholeness?²⁷ Galen and Ptolemy taught me to see the light. Steno and Curie showed me the inner workings of the earth. Their wisdom imbued in me clarity of truth, the importance of listening, and implicit trust in the integrity and purpose of their message. Initially I couldn't see it because it was the seer. It was real, yet neither concrete nor abstract but of a quantum world bearing the imprint of infinity. The depth, detail and frequency of their communications increased exponentially as my capacity to see across time expanded. I believe this potential is inherent in all of us.

Marie Curie's discovery of a mysterious invisible energy that glowed in the dark may be analogous to the search for the invisible light that illumines our dreams:

8/26/09 I see two clear cylindrical tubes open at the top. Someone fills them with a blue substance and they become candles that glow in the dark. They are lit from within and are glowing blue. They must be carried downstairs immediately.

The above excerpt evokes the 2011 Tōhoku earthquake and tsunami in Japan and the worsening Fukushima nuclear disaster. The blue glow in the water surrounding nuclear reactors has been explained as Cerenkov radiation.²⁸

²⁵ William Blake, *Auguries of Innocence*, 1917 variation (The Oxford Book of English Mystical Verse, Nicholson & Lee, eds., England: Oxford University Press).

²⁶ C. G. Jung, Gerhard Adler, R. F.C. Hull, trans. *Collected Works 8, The Structure of the Psyche* (Princeton University Press; 2 ed. (January 1, 1970) para 342.

²⁷ William Butler Yeats, *The Collected Works of W.B. Yeats, Vol. V: Later Essays*, ed. William H.O'Donnell, (Scribner Book Company, 1994) 51.

²⁸ Andrew J. Keller, *Cerenkov Radiation*, Submitted as coursework for Physics 241, Stanford University, (Winter 2011).
<http://large.stanford.edu/courses/2011/ph241/keller2/>

CONCLUSIONS

From social media to diverse fields of science we have entered into a quantum age where we are confronted with a constantly dynamic and changing stream of consciousness. Growing awareness of simultaneous states of consciousness is causing us to stretch our minds in ways we hadn't before. The explosion of internet learning may be expanding the ability of the unconscious to retain and connect unprecedented volumes of information within which are recorded timeless fragments of thought, emotion, and experience relating to Bohm's explicate order where "all that is" unfolds from the implicate. My studies suggest that as a cognitive species we are hardwired to recognize pre- and retrocognition unconsciously; that it is an emergent property of evolution, part of an instinctual survival mechanism evidenced in the animal kingdom since ancient times. As our global equilibrium is increasingly threatened, our dreams may have neurophysiological implications that we are developing psychic capacities that respond to those threats enabling us to communicate with a higher intelligence.

Spontaneous appearances of dream fragments occurred on three continents. I submit that the repeating convergence of physical elements was generated through the collective unconscious drawing upon the spiritual intelligence of the mentors. Marie-Louise von Franz wrote, based on Jung's concept of synchronicity, "we might posit a potential unitary reality of psyche and matter."²⁹ Synchronicities between dream and matter were corroborated through countless parallels illustrating how genuinely entangled they are. An outgrowth of this study unearthed the term cosmic dream, a landscape that reveals heightened celestial realms and luminosity where we experience self and world as participants in a totality. "The bidirectional nature of cosmic dreaming suggests the existence of a collaborative unconscious that alerts us to dangers both personal and global. It reminds us that our dreams are private events, but that we are also members of a single species and have a role to play in its survival."³⁰ To this end, our dreams reveal the distinguishing features of our individual and collective destinies.

With the boundaries of consciousness research beginning to expand, perhaps the limitations of academic discourse will loosen. The premise infers that the mentors came to inform this experience by unifying science and spirit while teaching nuances of the syntax of dreaming through their enduring concern for the future of humankind. Thus, the language of spirit comes to us in quantum fragments seeking connection in the cosmic dark.

²⁹ Marie-Louise von Franz, *Psyche and Matter*, (Shambhala 2001) 11.

³⁰ Montague Ullman, Introduction to *Lavender*, x-xiii.

This range of dreaming offers invaluable resources in global healing as it moves from fragmentation to wholeness in a dimension that interconnects with our known waking reality. In acknowledging how connected we are to each other, the Earth and the Universe at large, we experience an emotional depth that embraces human empathy, compassion and agape at a divine level. In so doing, we perceive both our smallness and our “wholeness” on the planet in the collective spirit of a hidden reality we’ve yet to know.

Based on the intentionality, specificity, and information input experienced in the communications, I have reason to conclude that divination and psi phenomena are an integrated structure revealing an underlying methodology. In closing, this model has echoed the thoughts of all who came before, reflecting the collective unconscious made conscious and providing an experiential foundation for scientific inquiry.

SELECTED BIBLIOGRAPHY

This bibliography is not intended to reflect the chapter in its entirety but indicates a brief range of reading upon which I have formed my ideas.

- Davies, Paul. *About Time*. New York: Simon & Schuster, 1995.
- Fagg, Lawrence W. *Electromagnetism and the Sacred*. New York: Continuum Publishing, 1999.
- Galen. *On The Usefulness Of The Parts Of the Body*. Vol. 1. Translated, with Introduction and Commentary by Margaret Tallmadge May. Ithaca, NY: Cornell University Press, 1968.
- Laszlo, Ervin. *Science and the Akashic Field*, 2nd ed. Rochester, Vt: Inner Traditions, 2007.
- Mascaro, Juan. *The Upanishads*. England: Penguin Books, 1965.
- Radin, Dean. *Entangled Minds*. New York: Paraview, 2006.
- Shepherd, A.P. Foreword by Owen Barfield. *Scientist of The Invisible, Rudolf Steiner*. Rochester, Vt: Inner Traditions International, 1983.
- Smith, A. Mark. *Ptolemy’s Theory of Visual Perception*. American Philosophical Society, Vol. 86, Pt. 2, 1996.
- Ullman, Montague. “Wholeness and dreaming.” In *Quantum Implications. Essays in honour of David Bohm*. edited by B.J. Hiley and F. David Peat. 386-95. London: Routledge & Kegan Paul, 1987.

http://www.siivola.org/monte/papers_grouped/copyrighted/Dreams/Wholeness_and_dreaming.htm

Wachsmuth, Guenther. *Reincarnation* trans. Olin D.

Wannamaker. New York: Anthroposophic Press, 1937.

Zajonc, Arthur. *Catching the Light*. New York: Oxford University Press, 1993.