

# SYNTONOGRAM

Volume 22

May – June, 1959

Number 3

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## A NEW THEORY ON LIGHT

Or

The Sun and How it Affects Life

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People have worshipped the sun in all recorded history as the giver of life, whereas there is evidence that it may also provide the energy which limits life and ultimately causes the death of every living thing and changes the molecular structure of every element.

An important fact for consideration is that every seed of plants or animals develop in the dark, the seed within the darkness of the bud and flower, plant or tree and the union of the ovum and make sperm and the growth of the fetus is all done within the dark. All growth is protected from light in varying degrees by some membrane.

Research has also shown after birth there is a variation in the frequency of cell division in the tissues of the skin and muscle and it is greatest in the middle of the night, in the absence of light, and few cells divide in the afternoon. (1) It is within the dark that the seed of plant or animal in some manner, incomprehensible to man, receives the energy which it transmits to the growing plant or animal cells which enables them to manifest life. The cells become somewhat like magnets that are capable of drawing to itself, according to its magnetic quality, a certain amount of material. The magnet can transmit to other metal, in contact with it, similar magnetic qualities which does not diminish its own magnetic qualities. A magnet may be divided in half and each half again divided and each part will still manifest magnetic attraction. The first cells of plants or animals are also endowed with a similar power to draw to themselves according to their capacity. It is now considered that every molecule and atom in the universe has its north and south poles and manifests gravitative action. The succeeding cells are also endowed with the same magnetic qualities to draw themselves, according to their inherent capacity and need, but, like the magnet there is a limit to their capacity and hence a limit to size. The seed or first animal cell holds within itself the entire plan of its unfoldment and contains ALL the energy it will ever have, every which it can and does transmit to other cells, which can draw material to make a tree, plant or animal. We say that the tree or body grown but would it not be more accurate to say that it RELEASES inherited energy which it had gained while in the dark?

Scientific evidence indicates that body cells are immortal when in a favorable environment. Carrel's excised chicken heart, which was kept alive for over twenty five years and other experiments indicate this. It is quite possible that human life is capable of many more years of existence than we ever dreamed possible and it may able that we could live as long as the 969 years of Methuselah.

### Sun Releases Energy

The energy from the sun has more power and extensive influence than we may have realized. The idea that the sun releases energy already in seed, animal cells and in inorganic matter has not been given adequate consideration.

On March 29, 1947, Gertrude Walcher, Colorado Springs, Colorado had a "vision" that revealed wisdom about the formation of matter and distribution of energy in the earth and universe and in living organisms. One should evaluate an idea on its merits and not where, how or who originated it. Many believe, however, that ideas received in states of cosmic consciousness, which comes to rare individuals at times, may be of great wisdom and merit. Brevity prevents extensive quotations from her unpublished manuscript, now in the hands of a researcher in a large eastern university, but her fundamental ideas are hereby given credit and expressed herein is quoted. Supportive evidence from other sources is added. She presents several ideas which, if they stand the test of scientific investigation, may be as important as Newton's idea of gravitation, Galvani's, Volta's and Franklin's about electricity or Orsted's idea about the electrical field and Sir Joseph Thomson's discovery of the electron. This thesis will mainly consider those which pertain to health and obtaining maximum span of life as affected by the sun.

If we knew and complied with all natural laws, there would be no illness. This is based on the idea that Divine Laws are perfect and will manifest harmoniously in our lives and in the world if we comply with them. Too many therapeutic measures frustrate and suppress natural action with ultimate injury.

She says, "The popular idea is that the SUN gives everything life and energy. THIS IS NOT TRUE. The sun does not give energy to anything that has been born – it takes energy."

It is pointed out that nothing is formed in direct sunlight. The Walcher Concept is that all manifestation of life is an "unwinding" of energy already in the seed, plant or animal cell and this "unwinding" is caused by light from the sun. She postulates that too much light overly accelerates and speeds up this "unwinding" and when the energy stored within the seed, plant or animal cells from its inception is spent or used up, the animal dies. Acceleration of the process then hastens death as will any waste of energy. It is cited that people in tropical countries dress to prevent excessive sunshine and animals instinctively seek shade. Her ideas do not contra-indicate proper use of sunlight and artificial light in therapy.

She also says, "Organic matter radiates and decays in the sun, while inorganic matter radiates and transmutes." The click of a Geiger counter registers the loss of particles and energy from uranium. In time it is no longer uranium. Uranium, 238 breaks down through a total of 16 varieties of atoms before it becomes lead 206, which is stable and comes to rest. Potassium 40 is radio-active and changes to calcium 40 which is stable. The breakdowns are ended. (8) That which is radiating is degenerating. Ionization is a product of degeneration and radiation.

Further evidence of breaking down and absorption of elements is when neutrons released in the air are finally captured by nitrogen nuclei, which is thereby transformed into radio-active carbon 14 which is in and has been in everything that ever lived or grew. This throws off energy and only half of this energy is lost in 5600 years.

By measuring the energy now being thrown off it can be determined how long ago the material was a part of a living thing. The energy in a seed or animal cell have different amounts of energy, a different span of life. The difference in life spans of a specific animal, such as the human, will depend upon whether this energy is wasted or conserved and this factor is of vital importance in maintaining health.

That there is a difference in inherited potential has been shown by determining the electrical potential of different seeds before planting and it was found that seeds with the highest potential came up first, the plant was larger than other which recorded a less potential. (3) There is, no doubt, a difference in inherited potentials of humans but one with a weak inheritance may do better than one with less if the weaker one conserves his energy whereas the stronger one may dissipate his.

The mechanism which causes death is born along with the created cell and parallels it throughout life. As the cell grows, by absorbing elements it is throwing off energy at the same time (which maintains a differential potential) but as this energy is disbursed its rate of growth slackens because it is losing this magnetic quality, this gravitational effect of the nucleus of the cell, it inherited from the first cell. Growth and repair and functional activity are only accomplished by this transmitted energy continuing to manifest. The attractive power is within the hard core of atoms making up the molecules of cells as well as in atoms of inorganic elements. The manifestation of growth is accomplished mainly by the continuing change of elements in the cytoplasm of cells, the real drawing power is within the nucleus to maintain its activity and integrity. Energy can only manifest through matter and CHANGE is the ONLY manifestation of life. To maintain this continuing change there must be every present differential potential which is a situation where the cell is surrounded by fluids with lower potential than the cell. The cell is made temporarily of lower potential immediately after its discharge of energy by nerve action. The action of the sun and light action would be to activate the overall dispersion of energy.

#### Magnet As An Analogy

The action of a magnet is quite comparable to that of a living cell. In observation of a magnet one sees no evidence of energy. Sprinkle some iron filings on it and it will manifest its energy. It can pick up a certain amount and attract no more. Take some of the iron filings away and the magnet will again manifest its drawing capacity and stops until some is again taken away. A growing cell operates in somewhat the same way. There must be a continuous dispersion which makes it possible to again attract according to its needs and manifest life and function.

#### Sunlight Not Hot

“The sun’s rays are not hot.” They simply accelerate the vibrations of the atoms in elements and this manifests as heat and this releases energy already within the elements or tissues and changes both.

“Inorganic matter is changed into atomically lighter elements and organic matter is changed because it is losing its inherited energy and when this is gone—death... That sunburn can cause cancer is well known, but over exposure to the sun brings old age much nearer, indirect proportion to the amount of exposure, since the sun’s rays may be regarded as TIME.” That sunlight may be associated with TIME is an important thought. We should look upon “time” as a Divine trust. Different cells have a frequency of discharge peculiar to them alone and to them this is the passing of “time” for the cell or organism and when this discharge is accelerated by light, or any cause, it speeds up the passage of “time”. The

Walcher Concept contends that, "All light is the dying side of nature ... and is the cause of magnetic action or attraction between the atoms and /or cells. Magnetism is the force which causes crystals to form and for embryos to form." Extreme heat will cause a magnet to lose its magnetism as will also extreme cold. Extreme heat and cold destroys living organisms also. A severe blow will destroy life and will also demagnetize metals.

#### Amount of Light Changes Life

Experiments have shown that crows subject to lengthening light five minutes daily develop sexually and they migrate northward when they should have been going south. Blindfolding a snowshoe rabbit for part of a day hastened development of the white winter coat from the drab coat of summer. Ptarmigan, lighted in winter, develop summer feathers and lay eggs in the snow. (1) Investigators came to the conclusion that is the day is long and the night short that the length of the night was found to be the critical factor. Had they known of the Walcher Concept they might have come to the conclusion that is was the long daylight that accelerated activity and thereby shortened the dark period of revitalization. The long day hastened "time".

#### Dispersion is Necessary

Everything, including our bodies, is throwing off energy. There is a universal exchange of energy. Dispersion of energy is necessary to maintain normal function of life to maintain a differential potential which maintains the magnetic quality of the nucleus of atoms and cells. A differential potential is a condition where there is less charge or pressure at one point than another and energy flows to the point with the lowest, the positive potential. An isotential is when they are the same at two points. It is comparable to a state of inertia. Neither can exist for long. Everything is like respiration, it is either taking in or discharging, some in seconds and some elements in days, months, years or centuries.

The Bureau of Standards found fewer particles coming from one end of radioactive cobalt nuclei than the other. This is called "beta decay." (4) Nothing, organic or inorganic, can give out more than it has received without changing. The Walcher Concept shows that this is what makes life possible. If there was no change there would be no "time", no change, no life. The sunlight acts as a "time" regulator. It applies to non-radio active elements as well as the radioactive. The loss of articles and electrons from matter is quite comparable to the loss of elements from the molecules of cells due to functional activity but the cells can recapture, from the blood stream, material to restore itself if that element is in the blood stream. This is accomplished as long as the nuclei of cells have the magnetic quality, this fundamental power inherited from the seed, to maintain life. When this is all used up the cell dies. We die daily, to a degree, just as there is "beta decay" in element but the human organism and living things have a shorter and more limited span of life measured in days or years whereas "beta decay" of some elements may take millions or billions of years.

#### Sun Shrinks Diamond

That the sun accelerates dispersive activity was demonstrated by Mrs. Walcher with a diamond, which is pure carbon and one of the hardest of natural elements. She took a diamond of about one carat, put it in a bottle with refined paraffin and concentrated the sun's rays on it for three days by using a magnifying glass and then left the bottle in sunlight for twenty-four months. A carat is divided into 100 points and at the end of the experiment the diamond weighed only 20 points and was observably smaller. A diamond is said to burn at 1600 degrees F., but no such heat could be generated in this experiment. Nothing is ever lost it just changes. Mrs. Walcher unfortunately did not accurately weigh

this diamond before the experiment but she is a gemmologist and could fairly estimate its weight. A researcher connected with an eastern university is planning on making the same test under scientific controlled conditions.

#### Shadows Important

If a part in sunlight gives up energy the part in darkness or shadow would not lose as much and would create a differential potential between the parts in light and shadow. The side of a leaf toward the sun is giving up energy and therefore has a less charge and then it draws from the part in shadow (which has more) and this sets up a chain reaction which draws elements from the soil which has been released by action of the sunlight on the soil. Shadows are, therefore, as important as sunlight. The part in shadow is not giving up particles or energy at the same rate as that in sunlight. This creates currents between the dark and light areas. Our bodies are literally seething with currents inside and outside of nerves, and inside and out of cells. If the Walcher Concept is correct, and it appears to be logical, that light is the cause of "beta decay" and decay of organic matter, it gives a better understanding of many things and should be given serious consideration by scientific minds. Much more evidence can be given to support it than given here. There is a device called a radio-meter which has four vanes on a pivot within a glass container. One side of each vane is white and the other black. Light is absorbed by the black and repulsed by the white and this causes the vanes to spin when in the presence of light. May this not be the reason for the spin of the earth and all planets?

#### Spectrum Important

Every element we know is represented in the spectrum of sunlight and is identified by the specific color and vibratory rate. If, as Mrs. Walcher postulates, sunlight is "time" and controls "decay" of matter as has been demonstrated by cobalt, carbon 14 and others, it would indicate that each vibratory rate in the spectrum of sunlight is the activator of a specific element in earth and living bodies and its "decay" would be in proportion to the amount of that particular part of the spectrum that was reaching the part causing it to release some of its particles. The escape wheel of a timepiece controls the release of energy from the spring of that particular timepiece, each color would be comparable to the escape wheel for that specific element which it activates.

If a leaf, bodies or element gives up energy where does it go? There is a law of conservation of energy that states that none is ever lost. Mrs. Walcher postulates, from her understanding and revelation, that such released energy goes back to the sun and contends that the black areas in the spectrum of sunlight, which scientists have never been able to explain, is the energy going back to the sun. Walter Russell also postulated, thirty years ago, that energy went back to the sun. (5) If light causes a loss or release of energy it must be restored from someplace. As already pointed out that where there is light there must be a shadow or part not reached by light or a part with less light which creates a differential potential, which causes a movement of energy or electrons as it did in Volta's experiment (1745-1827) when he found that if one end of a piece of metal was hot and the other cold it would make a frog's leg jerk when touched or if one end was clean and the other slightly oxidized or corroded it would do the same thing. If both ends were in the same condition, there would be no jerk of the frog's muscle. (6) Less light could reach the corroded end and there would be less release of energy from light. The earth

in its dialy rotations, presents every part to a changing degree of sunlight for a time, causing it to give up energy and to another part and period in shadow from which it can regain it.

#### Revitalization In Sleep

It is not known just how or why sleep occurs but all recognized that it is a revitalizing process. Just why has not been understood. If our body cells are only endowed with a limited amount of inherited energy, which is released by the action of light, as the Walcher Concept postulates, it is of vital importance to our life and happiness that we conserve it in every possible way and if there is any regenerative action available we should utilize it to the utmost. The concept of the action of a magnet may provide some insight. Physics postulates that a magnetized piece of metal has all the molecules aligned in the same direction with all their north poles in the same direction whereas in unmagnetized metal they are in a haphazard relationship. It is postulated that energy goes in at one end and out the other and returns. Iron filings sprinkled on a cardboard, with a magnet beneath, reveals these lines of force. A piece of metal put in a magnetic field will become magnetized. Metal rods stored in proper relationship become magnetized. The earth is a large magnet and energy flows from pole to pole and we are in that magnetic field. During the day we may lose energy due to activity and the effects of sunlight and when we are erect we are presenting our bodies to this north-south flow of energy in a different way than when reclining.

Over forty years ago George Starr White, M.D., (7) demonstrated that the healthy body when changed from a north-south to an east-west position would change the pulse rate and blood pressure and diseased bodies would not. He also demonstrated that chickens sleeping on roosts, where they were in a north-south position, layed more eggs than when in an east-west position and other evidence of a similar nature. Much evidence can be presented that the electro-magnetic field of the earth affects our bodies. Is it not logical that during sleep, particularly in the dark, the atoms of the molecules of our body cells become aligned in a more normal position thereby permitting a freer flow of energy and revitalized the body? This would, to a degree, offset the loss of energy to the sun during the day. If the magnet gives magnetism to metal it touches, is it not logical that the earth, a magnet, could impart energy to the atoms of the molecules in living organisms? These are all theories but all presently accepted facts were preceded by theory. Nothing just happens by change, there is always a cause whether we understand it or not. Just because an idea cannot be proved scientifically is no reason why we cannot live according to natural laws which have proven helpful to mankind.

That growth comes from energy received in the dark and that sunlight, which acts as "time", sounds logical when considered from all aspects and may lead mankind to a better understanding of life and to better health. It indicates that we should put more emphasis on conservation of energy and not dissipate it. Trauma, abnormal posture, chiropractic subluxations, anxiety states, eating in excess one's needs, all cause either a "leak" or a waste of energy and thereby shortens life. Scientific research should be directed more to the development and understanding of what would interfere with normal creation and utilization of energy and not frustrate or suppress its normal action as is done by many therapeutic methods.

It is impossible for one to have a clear understanding of the functions of the body without understanding the atomic structure of matter and the electronic factor. The change of just one particle changes the atoms completely to a different element. Gold, as an example, has 79 positive particles in the nucleus and 79 negative particles flying around it whereas mercury has 80. Scientists have not gold or mercury but many other elements are changed.

A printer has twenty-six different letters in type and by different combinations these can reveal all the knowledge known to man. He can take the same type and rearrange them over and over expressing different thoughts. The sun releases energy from matter which is used over and over. That which is released is used to create other matter. All matter is made of the same thing, protons and electrons, in different numbers. The ninety-four natural atomic elements are God's alphabet used to spell out everything in creation, by combing them in different ways. Growth and death, degeneration and regeneration are going on simultaneously. Man can accelerate or retard to a degree only.

A normal cell of the body is made up of molecules which are made up of atoms of various elements. Any change by addition of too much or too little, changes the cell adversely and is the starting point of disease. We do not put sufficient emphasis on these seemingly unimportant factors. We do not see or feel the result of the change until it becomes excessive. Any therapeutic method which does not take this fundamental fact into consideration is inadequate. Every atom, cell or organism, operates according to unchangeable law. Health can only be maintained by complying with it. When we pray, "Thy will be done" we are recognizing this law of the universe. Any effort to suppress or frustrate this law can only lead to disaster, sooner or later, even though there may be an apparent benefit at first. Anything that we do to or put into our bodies that is not needed and cannot be utilized is changing the body adversely and is the start of disease. Prevention is the most important consideration.

We cannot force nature successfully, we can only comply. We cannot hoard excessive nutrition. We cannot hoard "time". We cannot hoard the energy Divine Wisdom gave us. We must use or lose. We can only utilize it to the best advantage and only by doing so can we live our allotted time in health and happiness.

This relator has spent over fifty years in the study of every facet of the health and healing problem and in active practice and sincerely believes that health is optional. The most important factor is the intellectual ability to control the input of God's ninety-four energy giving elements and the output of this energy. Consideration of its use is the most important study for mankind.

- (1) Dr. Sterling B. Hendrix, Science Digest, Feb., 1958
- (2) Science Digests Mch., 1958, p. 76
- (3) Electronic Medical Digest, Autumn 1948
- (4) Science Digest, Mch., 1958
- (5) The Universal One, Walter Russell 1947
- (6) Exploring Electricity, H. H. Skelling. Ph.D.
- (7) The Natural Way, George Starr White, M.D.
- (8) Only A Trillion, Dr. Isaac Asimov, 1957