

"WHAT IS TRUTH?"

A SCIENTIFIC STUDY

by

DR. J. V. McMANIS
KIRKSVILLE, MISSOURI



DR. U. G. MORROW
NEW ORLEANS, LOUISIANA

INTRODUCING VITOSOPHY
and the
FIELD THEORY SCIENCES

*Published Under the Auspices of
The International Research and Educational Foundation*

Printed In U. S. A.

Publication
Unit No. 2

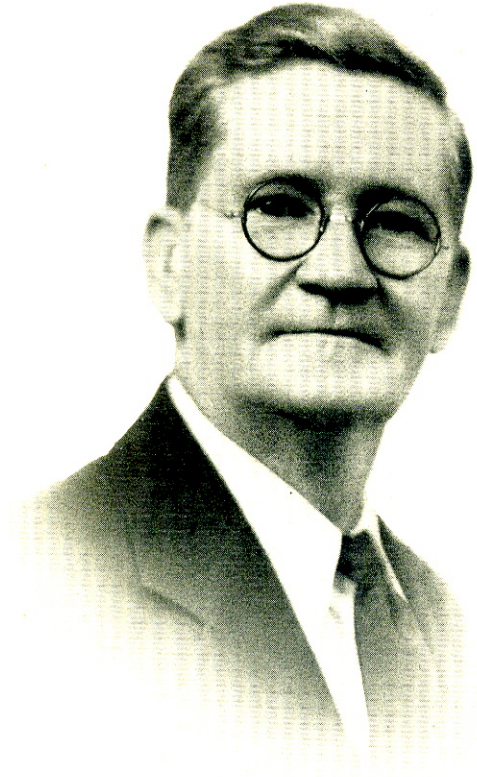
Price
Fifty Cents

MORROW-McMANIS PUBLISHING COMPANY
Kirksville, Missouri, U. S. A.

Copyrighted, 1938
by
MORROW-McMANIS PUBLISHING COMPANY
Kirksville, Missouri, U. S. A.

"WHAT IS TRUTH?"

A SCIENTIFIC STUDY



U. G. MORROW, Ph. D.

Originator of Vitosophy and the Field Theory Sciences
President, International Earth-Cell Society

Dr. Morrow says:

"The world of Nature is far more wonderful than either the pioneers of science or the more modern research workers of the present have ever suspected. The time has arrived to exalt Nature from the degraded level to which it has fallen in the minds of this modern so-called scientific age, to the high position and pinnacle which its real character rightfully and forcefully demands."

Dr. McManis says:

"The Field Theory Exhibits, with their scientific setting, background, and manner of presentation, constitute the most profound challenge to classical astronomy since the days of Copernicus!

"When we see that the Field Theory and Vitosophy are all-inclusive in their coverage of world-phenomena, we begin to realize that they are the greatest revelation that has been called to the attention of mankind since the coming of Christ."



J. V. McMANIS, B.S., D.O., D.C.

Physician, Author, Lecturer, Inventor
Secretary, International Earth-Cell Society

*Ever faithfully,
U. G. Morrow*

FOREWORD

By The Publishers

ON the opposite page there appears a beautiful picture of the Earth-Cell, in cross-section, as it were, a kind of model of the Earth representing, after being broken open, the Northern Hemisphere, down into which the observer is supposed to be looking. The picture is, in reality, a diagram-picture, in which the Concavity of the Earth is emphasized, and in which, in exaggerated form, not true to scale, some astronomical and other features are shown, as the Sun, Moon, a few Planets, and the Star-sphere centrally located.

The Sun's rays are shown to follow a series of curves in the curved Cosmic Space, with the night-side surmounted by a curvedly-conical shadow of the Earth, entering which the Moon is eclipsed in the same manner as explained in the classical system of astronomy. At the upper left and right sides, giant meteorites are seen exploding, as well as, at the top, showers of meteors, as they come from celestial regions and contact the atmosphere. These representations of meteoric showers indicate the paths followed by meteors in the curved Cosmic Space.

It was with some reluctance that Dr. Morrow consented to undertake to furnish a basic sketch of the Earth-Cell in this model form, for the reason that he considered it difficult to represent four-dimensional space relations in a two-dimensional picture. However, in this picture the Field Theory concept of space-intensification toward the Cosmic Center is represented by the shaded sectors extending from the center to the right and left in the picture, in consonance with the principles of the Electric Field.

At first glance, the picture may convey the impression that the Earth consists of a shell nearly a thousand miles in thickness. In reality, the Earth has a material body involving as much earth-matter as envisaged in the classical system, and therefore extends to a much greater depth than indicated in the picture.

In order to emphasize the Earth's Concavity, we found it necessary to treat the Earth as a model with some apparent "outside" surface showing, with the obviously necessary tilt of the hemisphere. Let it be observed that this representation presupposes that a large

portion of the Earth-body has been cut away, leaving merely a view, at the left side, of the outside of some particular stratum or layer of the Earth.

The development of the picture has required a year's experimental work. At first, Dr. Morrow furnished a rough sketch in more or less diagram form. This was taken as the basis of the development of a picture by Mr. Stephen T. Ward of Kirksville, Missouri. In many respects this was both beautiful and artistic. But we found it necessary to add many other features that would more strikingly convey the impression of concavity. Other sketches were furnished by artists in Chicago.

Having progressed thus far, all the work previously done on the picture was placed in the hands of Mr. Harry A. Hereford of New Orleans, a very capable artist of many years' experience, an outstanding artist in the South, some of whose work has merited awards. He became interested to produce a masterpiece for our work. After considerable experimental work Mr. Hereford submitted a picture, in gorgeous and beautiful colors, which, for this our first edition, is reproduced in black and white. Later the picture will be reproduced in all its original beauty.

During the progress of the work of development of the Earth-Cell picture, valuable suggestions were made by Dr. J. V. McManis and Dr. Lulu F. McManis. A number of features were added as a result of their study of the problems involved. We especially refer to the suggestion that the "model" be tilted about 30 degrees, and made to show the outside of some particular stratum of the Earth, thus making concavity more striking and apparent.

The painstaking work and patience of Mr. Hereford, the artist, in producing this work of art, as well as other beautiful pictures illustrating the text-matter of this work, are highly appreciated by the publishers, and we trust the pictures and articles will prove interesting to our readers.

THE MORROW-McMANIS PUBLISHING
COMPANY

Kirksville, Missouri, U. S. A., August 1, 1938.

THE NEW WORLD PICTURE

The Cosmos Considered as a Great Living Organism



THE EARTH-CELL IN CROSS-SECTION

Looking down into the Northern Hemisphere, with a few Geographical, Geological, and Astronomical features in view, showing curved Solar Rays, Day and Night, the Earth's Shadow, Space Intensification toward the Cosmic Center, Exploding Meteorites, and conventional representation of Meteoric Showers

“WHAT IS TRUTH?”

By U. G. MORROW, Ph. D.

“I have walked awake with Truth.”—Tennyson

HAVING been requested by Dr. McManis, the author of this brochure, to add a brief essay on the subject, outlining my own personal answer to the great question of “WHAT IS TRUTH?”, I am submitting the following, showing several phases of Truth as revealed to the mind of man through the facts and phenomena of existence.

It is merely coincidental that the title of this work (suggested by the closing paragraph of a letter from a noted cartographer, an excerpt from which appears in the text-matter), is the same as the title of a chapter in a great work by Dr. Will Durant, “Mansions of Philosophy,” a recent reading and study of which have proved very interesting to me.

In the work by Dr. Durant, one is led to view the great conflict of opinions entertained by many noted scientists and philosophers, from the time of Aristotle down to the time of expression of more modern concepts by such men as Kant, Leibnitz, Schopenhauer, Spinoza, Nietzsche, Bergson and Einstein. Like buildings in a city bombarded by enemy shells, one after another of so-called systems of thought have been destroyed by the big guns of philosophy and science!

So the time has arrived to build a New World Structure, to rehabilitate the images of human thought, and to more correctly and precisely mirror the Great Cosmos, in order to enable interested minds to grasp the actual Truth of the genuine order of the Universe of Life.

Dictionaries and encyclopedias define Truth generally, as being “the state or character of being true; conformity of thought with facts; agreement of belief and reality.” A writer has tersely expressed himself in this manner—that Truth is “correspondence between our thoughts and the things we think about.”

This, in brief, is the concept in the mind of the author of this work, who has admirably and ably expressed himself. It is conceived that Truth which is communicable to the minds of readers, consists of mental pictures of Cosmic Reality, as involved in the FIELD

THEORY as the foundation of the philosophic system entitled VITOSOPHY.

Yet, Truth has still a deeper significance. In efforts to explain and describe the Earth-Cell Universe, it has never been my object to emphasize the Field Theory Sciences as being in themselves wonderful, but that the great world-wonder is the Cosmos itself! Hence, I declare that the great Being known as the Universe is THE TRUTH!

Daniel Webster said, “When Louis XIV said, ‘I am the State,’ he expressed the essence of the doctrine of unlimited power.” In his power and majesty, the King represented France.

The Man of Nazareth had the boldness to declare: “I am the Way, the Truth, and the Life.” “The words which I speak unto you, they are Spirit, and they are Life.” As the highest representative of the Truth and Life of the Universe, he was, in microcosmic form, THE TRUTH!

Someone has said that matter is energy made visible. Likewise, it may be said that Truth, in the broadest sense, is Cosmic Essence let down into human consciousness, palpable to the thinker as concepts, made audible to those who can “hear and understand,” and visible to those who can “see and perceive.”

Thus, Truth, as clearly perceived, is a powerful and dynamic concatenation or chain of concepts of reality. It is not merely true concepts and their expression in word-symbols, in mathematical formulae, in vivid pictures, or in precise geometric diagrams; but, in essence, Truth is the inner force that makes all things what they are!

I care not how many facts a scientist may have on file in his laboratory or observatory, if he possesses not the ability and power to relate and correlate his facts with the realities, modes, and purposes of Life, he cannot arrive at Truth! On the highway of progress, his facts are but signboards which may serve as guides, indicating the direction of the goal—the Ideal in True Science.

"WHAT IS TRUTH?"

The Answer Given by the Field Theory System of Science to This Famous Question
Asked by Pontius Pilate

BY

J. V. McMANIS

KIRKSVILLE, MISSOURI, U. S. A.

(In Collaboration with U. G. Morrow, Ph. D., of New Orleans)

INTRODUCING VITOSOPHY, THE PHILOSOPHY OF THE FIELD THEORY

(Author's Note.—I am confident that the reader will be intensely interested in the contents of this brochure. The statements made herein and the basic facts of the revolutionary System of Science and Philosophy herein introduced can be substantiated in no uncertain manner. Many letters have been received both by this writer and by Dr. Morrow from scientists, physicians, and others, who have examined Exhibits of the Field Theory. Quotations, from a few of these letters, are bona fide, as taken from our files.)

Modern Astronomy Has a New Rival

This brochure is intended to introduce to millions of readers a new rival of the classical astronomy, known as the Field Theory, which constitutes the foundation of the broad philosophy which bears the title of VITOSOPHY, involving numerous branches of human knowledge. It is the most modern and the most dynamic of all world-concepts. The following three paragraphs give just a glance at the character of the Field Theory:

1. The present-day classical system of astronomy is no longer the sole and only system that offers a logical, rational and mathematical explanation of the universe.

2. Another system of astronomical relations known as the Field Theory, involving the Earth-Cell Concept, originated by Dr. U. G. Morrow of New Orleans, is equally logical, just as mathematical, and far more rational. According to this concept the Earth contains and environs the entire Universe.

3. There is no conflict between modern *Mathematical* Astronomy and the Field Theory, because the one system is the exact inverse of the other. In other words, the form of the universe, as described in the Field Theory, is the exact geometical inverse of the classical system.

Opinion of a Distinguished Cartographer

An exhibit of the Field Theory was examined by a distinguished cartographer, who is a member of a national scientific society. In a letter, as follows,

after critical examination of the exhibit, he said, in part:

"... Although Euclidean space is satisfactory to me, I cannot prove that it is the only logical space. Therefore, I do not see why Dr. Morrow is not quite within his rights in defining space as he likes and developing the geometry of it as he has.

"Incidentally, all of Dr. Morrow's distances from his center of condensation are reciprocals of corresponding distances in the Euclidean space. As numbers have definite mathematical relation to one another it follows that their reciprocals also have. If there is consistence in our (the modern or classical) system, we should expect to find consistence in the other.

"I doubt if the foregoing will clear the matter up for you. I cannot answer Pontius Pilate's question, 'What is Truth?'"

A Bit of Scientific Data

Several years ago I wrote the above-mentioned cartographer, asking him for information as to where I could find, in printed form, a bit of scientific data proving the earth to be a convex globe and that we live on the outside, as we are taught. To my surprise he replied, in effect, as follows:

"I do not know of any pamphlets or books which give a proof of the convexity of the earth's surface. If such a pamphlet could be published it might have educational value, for there are still many people who profess to believe the earth either flat or concave."

This statement holds true today. No developments have since occurred, insofar as I know, to change the status of the situation, not even the late stratosphere flights of Captain Stevens in which infra-red pictures were taken of the earth and the horizon. These pictures will be fully explained in a special work by Dr. Morrow, soon to be issued.

Another reliable source to whom we wrote, a magazine which is noted for up-to-date and authentic information in its scientific department, replied as follows:

“... Assembling the information you are seeking would take our entire staff from its regular duties and completely paralyze the functioning of our magazine.”

The Field Theory Examined by an Eminent Astronomer

An eminent American astronomer, an observer in one of America's old and well-known astronomical observatories, after having carefully examined exhibits of the Field Theory, studying fifty of Dr. Morrow's original diagrams, gave the following as the result of his examination:

“DEAR DR. MORROW:

“Now that your drawings have been safely returned to your representative, I wish to take this opportunity of expressing my appreciation for the privilege that has been mine in examining ‘The Field Theory’ and ‘The Curved Tangent’.

“I discussed the drawings with a number of advanced students in astronomy and also a professor in mathematics who took his Ph. D. degree in astronomy. All of them, especially the latter, found the drawings most interesting. Not one of them found any fault or error in the geometry of your diagrams.

“We are pretty well agreed that, starting with your assumption of the principles of the Electric Field as a pattern of Cosmic Space, the conclusions you reached appear perfectly logical, and certain celestial phenomena may be explained in the manner you exhibit them.

“After a geometric system has been adopted, there comes the problem of the co-ordinates and their adaptation to analytic formulation. How would your system work when it comes to calculating the motions and relative positions of the planets and their satellites for the purpose of prediction? The Ptolemaic system explained the apparent motion of the planets, but became very cumbersome when it came to calculating their motions for the purpose of prediction.

“The results of ‘The Curved Tangent’ as you exhibit them, are very interesting and aroused a great deal of interest.

“You are to be congratulated on the results of many hours (years) of real labor. I hope you may get others, who are better authorities than myself, to examine and express an opinion on the real value of your results.

“Again expressing my thanks for the opportunity I had, I remain,

“Sincerely yours,
W. F. M.”

A Second Exhibit Examined and Studied

As a result of the above letter, a very interesting correspondence followed between the astronomer and Dr. Morrow, who made an endeavor to satisfy the astronomer as to the practical utility of the Field Theory. How well Dr. Morrow succeeded in this

endeavor may be seen from the following quotation from a later letter from this eminent scientist:

“I hasten to admit that I was very interested in your explanations and diagrams which you so generously sent me in response to my question regarding the practical value of the Field Theory to gravitational astronomy. I am frank to admit that your comments and diagrams have cleared up the whole problem in my mind. I now see that the Field Theory is a space concept and in no wise affects observational astronomy (co-ordinates) and their uses in calculating and predicting positions of the planets, etc., as seen on the celestial sphere or dome.

“Your explanation has helped me to realize more fully that observational and mathematical astronomy in no way give us a picture of the true character of space or of the universe, and consequently your Field Theory does not conflict with certain aspects of modern astronomy.

“I am spending some of my evenings studying your material, and I find each study opens new vistas of your theory.”

Famous Italian Scientist Views the Field Theory

The following article was written by Signor F. T. Marinetti of the Royal Academy of Italy, after an interview with Signor P. Emilio Amico-Roxas, author and scientist of Buenos Aires, who is promulgating the Field Theory in South America. The article was first published in “La Stampa”, of Turin, Italy, in 1937, and reprinted in “Il Mattino d'Italia” of Buenos Aires. The article appeared under the heading “New Hypothesis on the Form of the Universe”. The following is a translation of the original article in the Italian language:

“For years past astronomers and mathematicians have attempted to destroy the Copernican conception of the universe, substituting therefor a new hypothesis which to them appears more sound and proven.

“Among these, the Argentine-Italian, Emilio Amico-Roxas, whom I questioned at length in Buenos Aires, is fond of propagating, with geniality and enthusiasm, an original concept (that of the Field Theory) of the firmament considered as a stellar nucleus comprising all the stars, the various parts of the cosmos being united in a closed body—the earth being considered as an immense concave sphere, like a hollow orange-peel.

“According to Amico-Roxas, it is thus that it can be explained how the variable stars called Cepheids can have the same fluctuations of brightness, being part of the same cosmic organism, hence sufficiently close.

“Amico-Roxas states that Einstein cannot square his intuition of a curved, finite but unlimited universe in the ancient conception of an exospheric (outside) universe, whilst, on the other hand, he could square it in the new conception of an endospheric (inside) universe closed in between the curved walls and concave crust of the earth.

"Amico-Roxas demolishes the ancient proof of terrestrial convexity based on the disappearance of a ship behind the horizon, by declaring that the 'straight' line (over the horizon) is non-existent, but that traced optically from the ship, such line must be curved, in harmony with the curvature of space, which in accordance with the equations of the Goemetry of Reversion of Professor U. G. Morrow, is not uniform.

"The great physicists invoked by Amico-Roxas are: Walter Nernst, Charles Fabry, Moritz Schlick, Frenkel, Sir James Jeans, Philip Frank, A. Berthoud, Andre George, Marcell Boll, all of whom are in accord in declaring as absurd the hypothesis of a uniform and continuous cosmic ether.

"Bethoud states: 'If it is impossible to measure the velocity of a celestial body in relation with an ether thus made, it is necessary to exclude its existence as absurd.' Uniformity is contrary to nature, and this is shown by the atmospheric strata which are perennially changing in space and in time, hence it is absurd to base the cosmic system on non-existing laws of a non-existing uniformity.

"In accordance with fundamental calculations of a uniform space with straight lines, the stars are distributed in the universe on the scale of heads of pins with a distance of 60,000 meters between them, that is to say, an empty universe.

"What would be thought of a business man who would spend millions of lire to gain only a few hundred? Or, of an engineer who would generate thousands upon thousands of horsepower of energy to move a few useful machines?

"Now then, scientific authorities calculate that from all the energy emanating from the sun, about 100,000,000th (a hundred millionth) part is utilized by seven or eight planets of the classical solar system.

"Besides, in the old conception, solar energy was directed toward an 'unconfined' space without the sun being able to recuperate it.

"In the new hypothesis the sun is a positive pole of a vast universal electro-magnetic field situated in an incommensurably dynamic but limited space, and this without loss, but rather with a recuperation of energy.

"The new hypothesis answers to the universal principle of economy and conservation of energy.

"This living Cellular-Universe shows supremacy of intelligence over matter, or better still, it involves intelligent matter, living matter.

"The new hypothesis condemns the Copernican conception held by modern savants, of infinite emptiness, of empty infinity.

"It is therefore an original hypothesis which deserves ample discussion."

Letters From Other Scientists

In addition to the above quoted letters and the article, we here present excerpts from letters from other scientists, in order to show the lay reader how

the Field Theory is being generally received by men qualified to judge of the validity and verity of the Field Theory. For obvious reasons the names and addresses of the writers are omitted:

"I want to acknowledge the receipt of the portfolio on Dr. Morrow's Field Theory. I have already begun to read it and at this time can only say that I like Dr. Morrow's manner of presenting his subject. I can see that he has devoted a tremendous amount of thought and labor to this theory. Of course, questions come to my mind in reading, but as these may be cleared up, I will not ask them now.—A. H. B."

From General Motors Research Laboratories: "I am returning Dr. Morrow's splendid treatise on the Field Theory. Dr. Kettering finally found time to give it the once over. . . . Dr. Morrow's presentation is fruitful as a tool to delve into the secrets of the universe, and we appreciate the high compliment of having been chosen to give it careful consideration.—F. O. C."

"It was a rare treat for me to read your letter addressed to my friend Emilio Amico-Roxas, and to go over the various enclosures. Fortunately, we are both expert linguists, educationally prepared and naturally inclined for the special work of maximum publicity of the true Inside Cosmogony which Fate has thrown in our way. Although fully conversant with many angles of the Hollow Globe Astronomy, I confess with the greatest pleasure, that your diagrams illustrating the "Geometry of Cosmic Space" have been quite a revelation to me. Let me congratulate you on the excellency of your conceptions, which have come to fill a void in my understanding of the matter of whose existence (the void's) I had been unaware. The correctness of your space conception is self-evident because in most perfect accordance with known natural physical conditions; but it took a master mind like yours to remove the veil for the benefit of us blind mortals.—F. L. D."

A few lines from Signor P. Emilio Amico-Roxas of Buenos Aires, after coming in contact with the Field Theory:

"I received your letter of February 25th. My surprise was really so agreeable and I have read everything with such enthusiasm, satisfaction and admiration, that I cannot express to you my feelings in words. . . . After studying your 'Geometry of the Field Theory of Astronomy' and other enclosures that you have sent to me, I contend that you are one of the greatest thinkers and discoverers of our time, and a wonderful pioneer in the real concept of the universe. I want to repeat to you here my deep feelings of admiration and homage. . . . Your discoveries and achievements in the interest of the Cellular Cosmogony are definitely in the history of science. . . . I thank you again in the name of posterity. I will promulgate, all over the world, the truth concerning the universe and what is your place in history. A whole era will be illuminated by the light of your genius."

Letters From Interested Physicians

"I am writing to tell you, as near as my limited vocabulary will allow me, just how much I have enjoyed reading your letters to Dr. McManis. Never in my life have I read anything with more absorbing interest. Each word brought a new thought, each paragraph a new inspiration and each letter a powerhouse of your conserved energy. . . . I only hope that I may be of some value in furthering your work. I am convinced that it is the greatest of any in this modern era, any past age, or even many to come."—Dr. R. L. S.

"I wish I could but express my true appreciation for the opportunity which was afforded me, in reading your material, to become acquainted with you and your work. The degree of interest one shows in any given work is found in the rapidity with which one grasps and retains the matter presented. Last night at midnight, I took up the Field Theory book of diagrams. I laid it aside at 3:00 a. m., and lay awake until 7 o'clock in the morning. At that time, I think I could have reproduced 50 per cent of your drawings from memory. I am not trying to pose, but simply trying to convey to you the interest I have in your work."—Dr. W. B.

"Through friends I have had the privilege of learning of the Field Theory. I feel, since studying what little I have been able to of the new world-concept, that my education has just begun. It has opened up a new world to me in so many ways, and it has an answer to the hundreds of questions that have been bothering me for years. I have always been inclined to think rather deeply and on subjects, many times too deep for me to dig out. But the Field Theory comes to me as a light to lead me into the correct concept of all these things. I hope you will not think I am presuming too much in writing to you. I merely wanted to thank you for your help in starting my 'education', so that I may see and understand, and to congratulate you on your work."—Dr. Marie R., California.

The above letters, a few out of many, indicate that the Field Theory and its related subjects constitute a scientific system that produces a tremendous impression upon unprejudiced readers. If these excerpts and articles induce others to seek the contained knowledge of the Field Theory their publication will admirably serve their intended purpose.

The Field Theory is the New World-Challenge

It also appears from the above excerpts and articles, that many have come to regard the Field Theory as a new challenge to modern science—among them are noted scientists and mathematicians. The astronomers who have investigated Dr. Morrow's work, as noted above, make special reference to "The Curved Tangent", set out in a companion exhibit to the Field Theory book of diagrams. The Curved Tangent has to do with explanation of various phenomena of Nature associated with the horizon,

with particular emphasis as to why and how ships seem to disappear beyond the horizon, as well as the explanation of infra-red pictures taken in airplane flights, and such other observed phenomena. The Curved Tangent in the new system, takes the place of the outside straight tangent. The Geometry of Reversion likewise takes the place of the old Euclidean geometry.

The Field Theory exhibits contain explanations of the form and structure of the universe, the nature of Space, and tells about the Sun, the Stars, the Planets, and explains the Seasons, Eclipses, Tides, Day and Night in the Inside World, and other phenomena, as well as the place and position of the Cosmic Center, which constitutes the "heavens" or the celestial region pictured so frequently in the world's sacred books.

Practically all the above phenomena are described in detail and set forth graphically by means of inverse geometrical diagrams, many in colors. The Field Theory Exhibits, with their scientific setting, background and manner of presentation, constitute *the most profound challenge to classical astronomy since the days of Copernicus!*

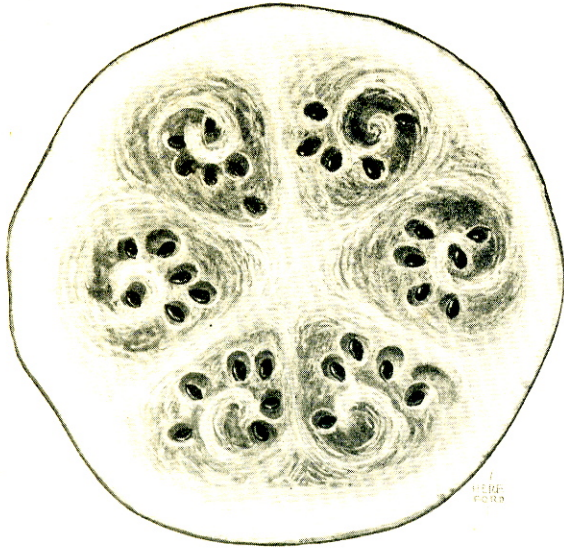
Greatest Revelation Since the Coming of Christ

Concerning the universe as described in the classical system, one that is, to all practical purposes, an infinite universe—we may say that the Field Theory takes the "in" out of infinite! It shows that the Earth encompasses or environs the universe in finite limits. It makes the phenomena of Nature understandable. When we realize and understand that the Field Theory is not merely an astronomical system, but, through its philosophical aspects covered by the general name of VITOSOPHY, is all-inclusive in its coverage of world-phenomena, we begin to realize that it is *the greatest revelation that has been brought to the attention of mankind since the coming of Christ!*

I think the reader will agree with me when I say that any man, who, within one life-span, can take a concept of practically an infinite universe—as that of the classical system—and show geometrically and in accordance with numerous facts of physics, that the universe is environed by the Earth's physical limits, as Dr. Morrow has done, and diagram its structure faultlessly, in accordance with a perfectly valid geometry, and describe it as he has, so as to merit the comments of noted scientists, looking toward ultimate recognition as a valid science, has accomplished a feat of first magnitude. Noted authorities have admitted that the system is logical and rational, and one that explains astronomical phenomena without contradicting any of the facts of astronomical observation.

Established Beyond Any Possible Refutation

Of course, it will be understood from the foregoing that the existence of a universe, with a space-field, the concept of which is patterned after Maxwell's Electric Field, with its charged or Cosmic Center,



WATERMELON

A Familiar Luscious Cell-product with
"Inside" Aspects

centrally located, is a surprising and startling possibility, one that in no way conflicts with the proven facts of astronomy or of science. Such a possibility is now established beyond any possible refutation by any scientist. One may say, "I do not believe in the existence of any such astronomical relations," and still be within one's rights; however, no well-informed person will now deny that the Inside Universe is, distinctly and rationally, within the bounds of possibility. To deny such a possibility would mean the invalidation of many basic contentions of the classical system, because the two systems are the exact inverse of each other.

One True in Abstract, the Other in Reality

As to "What is Truth?", as Pontius Pilate asked, insofar as the form of the universe is concerned, it would seem that it has come to pass where it may now be definitely stated that since the mathematical side of the classical system of astronomy and that of the Field Theory are the geometrical inverse of each other, one of these systems must be true in the abstract, and the other in the concrete, or in reality. Therefore, it would be well for the sponsors of each system to assemble all the data they can muster to substantiate their claims and contentions, and then let the world judge which system is the most logical and rational. Such an attitude on the part of each system, such friendly rivalry for supremacy, an attitude of respect for each other and an open and tolerant mind, would go far toward arousing the interest of the general public in that most fundamental of all the sciences—astronomy. Assuredly, in a matter so basically important as this, there should be no time nor place for bigotry, arrogance, prejudice, intolerance, or indifference on the part of the sponsors of either system.

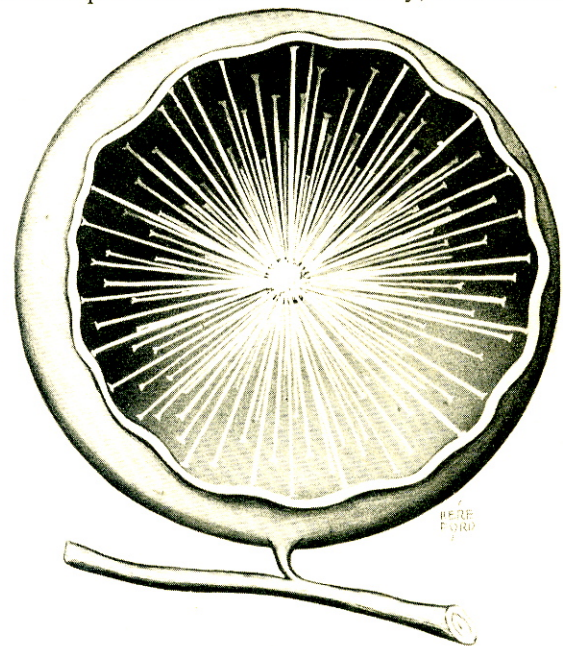
Nature Makes Use of a Basic Pattern

When Nature assembles forces and substance together to form or construct her various units, it is observed that she makes use of a certain basic pattern, design, or form—that of centralization of force and substance at a central point, said center being surrounded by a field of force, or substance of varying density, or an environ of materials around a center of the structure. It would seem that this single pattern is used exclusively, insofar as we know, by Nature, that there must be some reason for so doing, some relation between this particular arrangement or assemblage, and that of order, well-being, and function, as contrasted with chaos and dissolution.

Where one great idea prevails, or a general principle is operative or applicable, its entire field or scope of activity constitutes a unity, which may be designated by the name of the thing itself. This is absolutely true, whether it be an organization of people, or a physical organism, or a cell or life-unit of a living body, or a structured molecule, or an atom. So it must be just as true with reference to the great structure we know as the universe, which is one whole thing in its government and maintenance. The great idea of the Creator prevails and controls in the one great form, which constitutes his domain, the field of His activity. This is what the word universe means—a Unitary World, with all parts united to function as a whole Living Organism. Cosmic Cytology thus rises to the plane and level of a valid science!

Examples of the Basic Pattern

A little thought and observation of natural things in development from seed to maturity, or of fields of



THE OAK-APPLE OR GALL-NUT

A Hollow Spherical Form with King Larva
in the Center



THE SHRODINGER ATOM

Form maintained by Incessant Electric
Wave-motion from Center Outwards

force, ought to suggest at once that principles of unity and correlation of all the essentials of life. A few examples of such unity and integration are here noted:

(a) The Electric Field, discovered by Faraday and mathematically described by Maxwell, with demonstration of ratio of increase in intensification of force toward the charged center.

(b) The Shrodinger Atom, with its center of outward wave-motion, and its dynamic and intensified field of activity.

(c) The vegetable kingdom, with its multifarious vegetable products, continually creates plants, fruits, and seeds for maintenance of animal life—all these are built up from within, many kinds being protected by a skin or rind.

(d) The Cell, the basic unit of both vegetable and animal life, with its central nucleus and associated attraction sphere, the whole substance of a single cell being within a thin film or membrane is analogous in form to the great Living Earth-Cell.

(e) In the animal kingdom we find the most essential organs centrally located—approximated, integrated and correlated so as to insure maximum efficiency of function. In animal organisms we find everything *inside*, all of which is covered by an integument or skin, or shell.

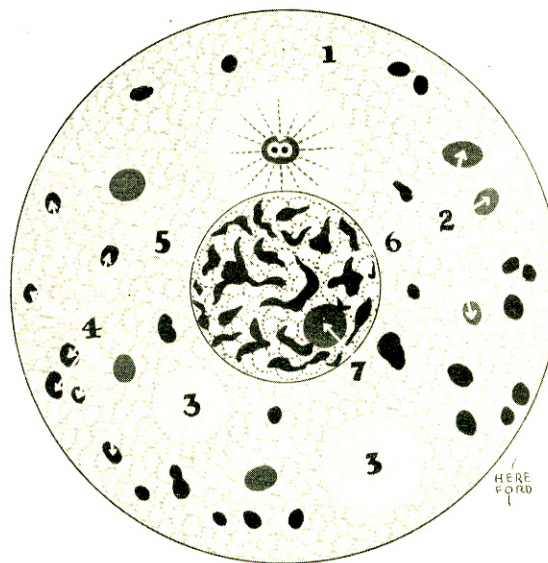
Vivid Pictures of How Nature Behaves

In order to make the principles and products of Nature more vivid and striking, we have developed and have had our artist execute the accompanying very beautiful and wonderful pictures, produced especially for this book. The lines under the pictures, and lettering superimposed on some of them, explain what they are, and the names designate the particular

parts or organs illustrated. The following paragraphs are comments on the subjects and objects of illustration:

The Watermelon—A choice cell product enjoyed by millions of people every year. A whole melon springs into being through the activities of a single seed, produced through conjunction with a few pollen grains entering into relation with the ovary. A tiny thing the melon is at first, but substances from the earth and air, and correlated energies, build it up from within, where the cells multiply rapidly, and where prepared substances flow along the thousands of filaments, expanding the whole into a luscious and refreshing product with which everyone is familiar. There is no haphazard method followed in its construction, no blind force forming the cells and water-spaces and involving melon-life in the seed! The directive energy in the construction of such a beautiful product is something wonderful to contemplate—a living thing in action!

The Oak-Apple or Gall-Nut—This is so fine and wonderful an example of the relation of a life-center and outward integument that I could not forego the pleasure of presenting it here. It is a very wonderful thing to examine critically, since, it is not a vegetable product, per se, but is the result of a combination of vegetable and insect life. Into the young and small oak leaf, a fly injects an egg and a virus, which causes the little leaf to depart from its usual course of development. It begins to assume the form of a sphere, hollow within, except for the whitish filaments which directly relate the center, in which is developing the larva, with the skin of the peculiar



TYPICAL ANIMAL CELL

A Living and Intelligent Structure Forming
the Basis of Organic Life

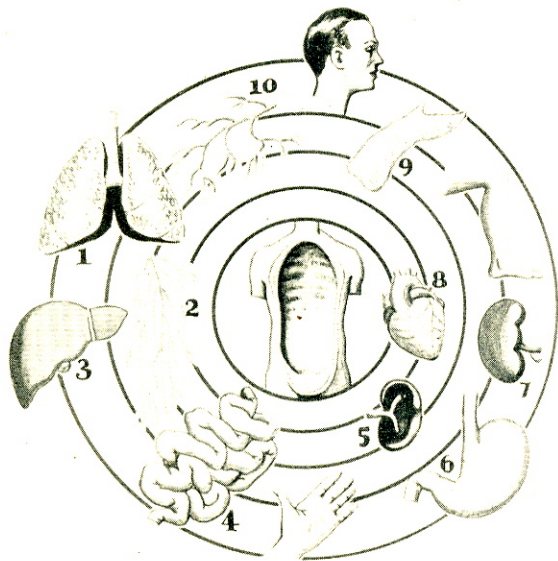
1, Centrosome; 2, Plastids; 3, Vacuoles; 4, Metaplastic Granules; 5, Nuclear Membrane; 6, Nucleoplasm; 7, Nucleolus.

structure. In the picture, a part of the apple appears cut away, permitting a view of the inside of the very wonderful and beautiful structure. This is a fine example of the vital relation existing between center and circumference of structured life!

The Shrodinger Atom—Many different concepts of the material infinitesimals have been and are entertained by modern scientists. Formerly, atoms were supposed to be infinitely hard particles, tossed about passively by different forces, or clustered together to form essential molecules. Then smaller particles began to be conceived—the electrons, which were supposed to revolve around a central nucleus like planets are supposed to revolve around the sun. The famous Bohr atom has had its day, and one of the latest concepts of the atom is that put forth by Shrodinger, which is destined to revolutionize, at least for a time, that branch of research and knowledge known as physics.

The wonderful thing about the Shrodinger atom is that, as a new concept, it is quite supportive of the Field Theory Physics, developed by Dr. Morrow many years before Shrodinger began to investigate the properties of the atomic infinitesimals! In the Shrodinger atom, wave-motion of an electric substance constitutes the atom, and the field of electric energy is necessarily more intense at and immediately around the center of the atomic vortex. One might aptly inquire whether or not such an atom might constitute a little pattern of the great Cosmic Sphere in which we live?

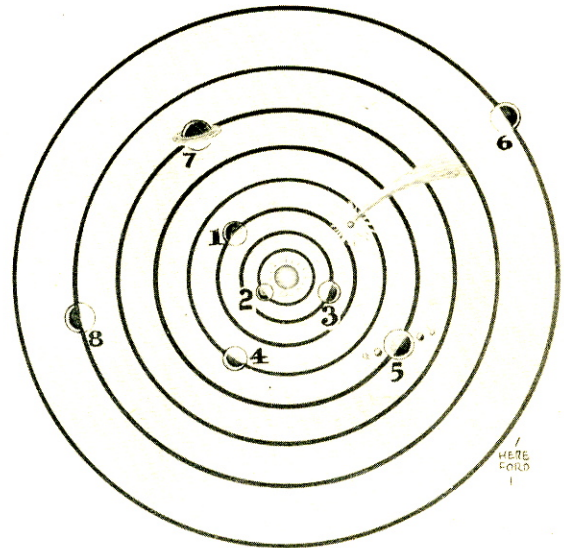
If wave-motion occurs in the atom, as thus pictured, what is the source of the energy which enters



COMPARATIVE ANATOMY

The Human Anatomy is NOT Like This!

1. Lungs; 2. Nerves; 3. Liver; 4. Intestines;
5. Spleen; 6. Stomach; 7. Kidney; 8. Heart; 9. Pancreas; 10. Arteries.



THE CLASSICAL SOLAR SYSTEM

Nor is Cosmic Anatomy After This Fashion!
Sun, Center; 1, Earth; 2, Mercury; 3, Venus;
4, Mars; 5, Jupiter; 6, Neptune; 7, Saturn;
8, Uranus.

its center from somewhere, and expands outward in a field analogous to the electric field?

Take a handful of pebbles and drop them one by one into a pool of water. Outward from the place where the pebbles strike the water-surface, little ripples or waves advance, all around, in the form of expanding circles; or water may drop at small intervals into such a pool, with corresponding results. Or, as one often sees, little bubbles rise from some activity beneath the surface, bursting at the surface and causing corresponding expanding circles. All these are instances of wave-motion.

In view of this, particular attention is directed to the wave-motion in or of the substance of the Shrodinger atom: If the wave-motion is incessant, so must be the inflow of energies to activate such motion! How energies flow into atoms is shown in the Field Theory Physics, which is as revolutionary in this line, as the Earth-Cell Concept is revolutionary in astronomy! You will want to follow up the Field Theory publications in order to come to an understanding of such amazing activities which are fundamental in the existence and phenomena of matter!

The Typical Animal Cell—Cell structures are very wonderful things! It was not until about the year 1840 that scientists had any idea of how the different tissues of a living form, either vegetable or animal, are constructed. Then came the discovery that the basic form of animal and vegetable life is the living cell!

Not only is the cell a living thing, but it is the basic unit of all organic structures; and not only that, but the cell possesses various organs which enable it to

live, to think, to act with precision, and to propagate itself! Being a fundamental thing in all life, it manifests fundamental principles of universal construction, and is therefore *living evidence* of the fact that the universe is constructed in accordance with the principles operative in cell-formation.

The Typical Animal Cell, as herein pictured, is not a picture of any given kind of cell found in animal life; but it is a composite picture, involving all the parts and designating the activities which take place in all kinds of cells, so that here is shown in one picture everything that is found in various types of cells. The cell is a striking analogue of the Earth-Cell, as pictured and described in the Field Theory.

A Study of Comparative Anatomy—In view of the principles of centrality everywhere manifest in Nature, one may be inclined to laugh at the picture which appears above this legend or line, a humorous representation of what human anatomy is *not* like! But I have a very serious purpose in representing the various organs of the human body as circulating around the torso!

You know very well that organic relations could not be sustained for a moment if the different organs of the human system were scattered around without any connection whatever! You know that there could be no such non-relation existing in a living organism!

Very well! But modern science as unmistakably violates every principle of the economy of life in delineating and describing the different parts of the Cosmic System as being scattered around in space, passively moving in orbits, with functions utterly unknown in the classical astronomy! Formerly, there were but two kinds of energy supposed to be active through the expanse or space of the universe—the energy of light, and the energy of gravitation!

The discovery of electricity is one of the very greatest discoveries of modern times! The electric theory of matter has changed the complexion of physics, and has added to the category of energies such a multitude of *kinds* of energy, that light and gravitation have, to a great extent, become fused with electricity and magnetism, so that ultimately both light and gravitation may find place in the enlarging scale of octaves, from the very longest radio-waves, up to the shortest Gamma rays and Cosmic rays! And, the energies of life—what is their measure, as to wave-length?

Form is an essential characteristic of existence! The universe has form, or it has not! If it has form, and produces life, then the universe itself is a living organism—and as such, be assured that *all its activities are within and of itself*—a structured unit, a uni-verse, a Cosmic body containing all of the essential parts which directly contribute to its maintenance and perpetuity. In a universe of scattered parts, no such integration, no such essential unity, could possible obtain!

Why Should Nature Reverse Herself?

Now then, in view of these universal principles and activities, why should Nature reverse herself in the activities of universal construction? Why should she make the universe wrong-side out, scattering the working parts throughout infinite space like specks of dust apparently without purpose, rhyme, or reason? Dr. Morrow insists that she does not reverse herself, but builds and renews the universe after the *same pattern* she uses in building the organic parts of the great Cosmic body, creating it with an intensified center (the Cosmic Center), projecting a field of force (the ethereal field), and the environing tegumentum, the earth, upon the inner surface of which we live.

An Appalling Waste of Energy

In some of the hypotheses found in the classical system of astronomy, in which an attempt is made to explain certain celestial phenomena, there is often an admission of an appalling waste of energy. This is not so in the Field Theory world-picture. In the classical system there is much said about the *mechanistic* nature of the universe. One is led to believe that the universe was formed more or less by accident; that it is running down like a clock, with no means of winding it up again! And that some day it will stop and that will be the end of everything!

To say the least, such a concept does not exalt the Creator very much!

In the Field Theory, the working parts of the universe—the Sun, Moon, Planets and Stars, are *not scattered throughout infinite space like specks of dust*, but closely approximated one to the other, thereby insuring efficiency of function of the working parts as related to the whole. The universe is looked upon as a Living Organism, a unitary, integrated whole. Dr. Morrow has thus expressed these principles epigrammatically as follows, in a scientific classic:

"The Universe must be a structured unit, an organic whole, with all parts so related and integrated as to bring about reciprocal action and constant co-operation, in accordance with definite purpose."

In Contrast With Chaos, Dissolution and Death

Assuredly, such a concept is in keeping with an intelligent and far-seeing Creator, and is distinctly in contrast with the point of view tending in the direction of chaos, dissolution, and death as the end. . . . The Field Theory concept, from beginning to end, in its entirety, makes sense! It is rational and logical and scientific. It has stood the test under the most rigid and searching examination by eminent scientists and mathematicians.

Asks That Scientists Really Understand His Concepts

Sponsors of the Field Theory have no fear of a searching investigation of their system—none at all. In fact, they court just that! There is a possibility,

however, that a few entrenched scientists will assume a "holier than thou" attitude and will resort to ridicule. Due to the power and prestige of their positions and the great influence they wield they may, in some instances, try to laugh the Field Theory "out of court". They may assume that it is the rankest sort of presumption for Dr. Morrow to question the dicta of classical astronomers. Such an attitude is, of course, to be expected, but the truths of the Field Theory will endure in spite of all this and will be recognized eventually as time marches on! Dr. Morrow's greatest concern is *not* the question of the truth of his basic contentions, but is whether scientists who examine his system really understand his presentations.

Euclidean Versus Field Theory Space

An essential difference between the two systems of astronomy is concerning the nature and constitution of *Space*. In the classical system we have Euclidean or *flat space*, which is thought to be the same throughout infinity. The Field Theory concept of space is the most original, revolutionary, and daring concept ever put forth by any scientist! It envisages a field of force, analogous to the field of an electric charge, except that such space field is conceived to be ethereal instead of purely electrical, becoming more and more dense or intensified toward the Cosmic Center.

This type of Space enables one to rationally explain how all the Stars, Sun, Moon, Planets, and Nebulae, exist and perform their functions on the inside of the Inside World or Hollow Earth-Cell. It also offers an explanation of why some stars are so very dense, as classical astronomers contend, one star being reported of such extreme density that a single cubic inch weighs as much as 620 tons!

NOW THEN—WHAT IS VITOSOPHY?

(Pronounced Vy-tos'-o-phi)

VITOSOPHY is a new word! It is just now being introduced to the public, but it is a word coined by Dr. Morrow more than 40 years ago as the name of a system of concepts he then entertained.

The Field Theory affords the scientific basis of Vitosophy. The Field Theory may be considered as a "department" of Vitosophy, inasmuch as the Field Theory sets forth the elements of Geophysics and Astronomy; while Vitosophy is an all-coverage title of the New World Concept, embracing the Science of Life, Being, and Existence.

Briefly expressed, *Vitosophy is the Philosophy of the Field Theory.*

The word Vitosophy is basically constructed to incorporate the meaning of two root words—the Latin *vita*, life, and the Greek *sophie*, wisdom, or knowledge. Thus the word Vitosophy means the wisdom or knowledge of life. The formation of the word is analogous to that of philosophy, love of wisdom, and theosophy, divine wisdom.

The meaning of Vitosophy is thus distinct from that of the word biology, inasmuch as Vitosophy applies

to the whole sphere of life, including the science of the life of the whole Cosmic organism, which we regard as supremely alive throughout its whole extent!

Just What Has Dr. Morrow Discovered?

Many students of the Field Theory have reached the conclusion that Dr. Morrow has, in reality, discovered or re-discovered the Universe!

However, let it be understood definitely that Dr. Morrow does not claim to have discovered the fact that the Universe is involved within the body of the Earth-Cell. The Inside World concept has been advocated since very ancient times. All the sacred books, when properly interpreted, present such a view of the cosmos.

Yet, predicated upon the fundamental concept of the Inside World, Dr. Morrow has constructed a system of world-relations which is *wholly original in all other aspects and conclusions*. We may briefly sum up what Dr. Morrow has discovered as follows:

(1) The first discovery was the Key to the Astronomy of the Inside Theory—the geometrical processes involved, that of reversing the earth-curve, thereby constructing the whole of astronomy within the sphere, without changing a single angle or space value. The name of the system of geometry thus discovered is the "Geometry of Reversion", which involves the whole of that phase of modern geometry known as "Inversion Geometry", but extending far beyond its scope. Exhibits of the "Geometry of Reversion" have been declared to be without fault or error by the world's most eminent mathematicians.

(2) The discovery that cosmic space is not the uniform or flat space of Euclidean geometry, but that, analogous to the force of an electric field, cosmic space becomes more and more intensified toward the center of the cosmic field.

(3) The third original conception is that the universe is a Living Organism, completely alive throughout its whole extent.

(4) That all matter and all energies are living substances, not dead and inert as pictured in modern "science".

(5) That the universe constitutes, essentially, one great Being; that the character of the Creator is expressed in all the activities of the universe and in all its parts and particles; the creative energies are operative throughout the whole cosmic body in a manner analogous to the way in which a single living organic form constitutes an animal or man.

(6) That the universe is eternal, never having had a beginning in time, and that it will never cease to be. The Universe and the Deity are co-eternal. "The Earth abides forever." It is His footstool, the field and world of His activity. He is *as* much at-one with the Living Cosmos as I am at-one with my physical body!

These are sweeping discoveries, destined to revolutionize human thought and conclusions. At first glance, one can hardly realize the extent of the tremendous impending change, nor of the dynamic

power of such a system of Truth as involved in the above six revolutionary concepts.

All this constitutes the original system of science now designated as Vitosophy!

Thus—Vitosophy is the Philosophy of the Field Theory.

A Hobby Affords Mental Recreation

If you knew the therapeutic value of a hobby, you would begin as a side line, such mental recreation as the Field Theory affords! The sooner you start, the sooner a New World appears for you to live in!

The individual who is not unduly prejudiced or hoodwinked by his preconceived ideas, but who is willing and able to investigate a new trend or line of thought, will find that investigation of the Field Theory will give him a thousand thrills or "kicks", which he will enjoy! Many times a mental hobby, one that affords ample mental recreation, is beneficial to one's health. One does not have to be a scientist to grasp and understand many of the significant things set forth in the Field Theory. Our works are written so that the average reader can comprehend many things that have puzzled the scientists for ages!

I really find that the Field Theory Sciences arouse the keenest interest everywhere. For the past five years I have been lecturing here at home and elsewhere in this country on the Field Theory to various groups, clubs, organizations, societies, science and physics classes, and before osteopathic and medical students. These talks invariably arouse the keenest sort of interest.

Remarkable Magazine Publicity

Astonishing success has attended our efforts in the Field Theory propaganda during the past year or two. Two magazines have published ten articles by Dr. Morrow, and hundreds of thousands of readers have been given opportunity to study this most remarkable and most modern system of world-relations, throughout the English-speaking countries.

One of these magazines, published in London, and edited by Professor Wm. J. Tucker, "Science and Astrology", contained serially five articles, which we are publishing as a single unit, and which we list in the publication units appearing on a page of this brochure.

The Field Theory has made a deep impression on Professor Tucker, who has issued a direct challenge to astronomers, concerning which he has written as follows: "I am planning to waken things up by a direct challenge to astronomers, and to Sir James Jeans in particular, to reply to the case for the Field Theory. . . . With intensified efforts of this description we shall speedily get the idea over to the point where astronomers will no longer be able to avoid the theory or shirk its implications. If we keep up the pressure now, we shall not fail to reach the objective."

Another series of five articles was published in "Student Astrologer" of Philadelphia, of which we

are likewise reproducing the typed pages and diagrams in a unit of publication. (See List of Publications on another page.)

The Field Theory in South America

A noted scientist, author, and lecturer at Buenos Aires, Argentina, Signor P. Emilio Amico-Roxas, has been instrumental in reaching a large circle of interested people in the Earth-Cell concept, through publication of a work in the Spanish language. Signor Roxas now has a number of extensive plans under way for the spread of the Field Theory in a number of languages. He is now preparing a Monograph on the Field Theory, soon to be published.

Signor Roxas lectures on these vital subjects before clubs and technical societies, and his co-operation is highly appreciated.

Another special friend at Buenos Aires is Mr. F. L. Dittmann, so far as known, the very first gentleman in South America to come into contact with and to study the Inside Theory. He has given us great encouragement in his letters expressing keen interest, giving reports of what he has accomplished in contacting interested personalities through lectures and personal interviews.

A Broadcast in Dr. Morrow's Honor

Signor Roxas also broadcasts talks on the Field Theory. On the evening of September 25, 1936, his first broadcast was made. This broadcast was dedicated to Dr. Morrow in his honor. The introduction and summary of the speech were made in English by a noted scientist engaged in radio research, who has become interested in the Field Theory from the standpoint of radio problems. Signor Roxas' broadcast talk was given in the Spanish language. This entire broadcast appears in the two units of publication entitled "The Earth-Cell Concept" and "Building a New World-Structure".

The International Earth-Cell Society

This society, destined to become a powerful factor in obtaining recognition of the Field Theory as a valid science, was organized in May, 1936. Its platform is of such a broad character that all groups accepting and advocating any of the several concepts of the Inside World may find congenial association through membership in it. No test of creed or race will ever be applied to those seeking admission as members.

We are endeavoring to place this organization on a new basis, and to make it something quite different from "just another society". We have begun by leaving charter membership open, until further notice, without any charge whatever. Now is the time to become associated with this great work. Members will have opportunity, as well as others, to study the Field Theory and Vitosophy through publications as they are issued.

Circulo Astronomico or The Astronomical Circle

This scientific society was organized at Buenos Aires by interested friends of Signor Roxas, for the

THE RAPID MARCH OF WORLD-RESEARCH

The Most Modern and the Most Dynamic
of all World-Concepts

V I T O S O P H Y

The Streamlined Science!

The Life Science!

The Live Science!

(Minus all Forms of Fads and Cultism)

Originated by U. G. MORROW, Ph. D., of New Orleans, La.

THE world is becoming suspicious of many concepts originated and maintained in medieval times. Physicians, Pathologists, Physicists, and Psychologists are among the first to realize that it will not do to depend upon the theoretical output of the Middle Ages. Modern research is changing the complexion of numerous so-called established concepts and theories.

In view of the rapid strides being made in research, it should not be surprising to progressive minds that revolutionary changes are destined to be made in Philosophy, Astronomy, Physics, and Biology.

The famous FIELD THEORY of Astronomy and Geophysics is based upon a new, original, and revolutionary Space-concept, in accordance with Dr. Morrow's Geometry of Reversion, which has been declared valid by eminent Astronomers and Mathematicians. It explains specifically the various phenomena of the all-inclusive EARTH-CELL of the Unitary Universe.

VITOSOPHY is the broad Philosophy of Life, Being, and Existence, involving the FIELD THEORY as its general foundation. It is especially adapted to investigation by laymen and others who may not be versed in or inclined toward the Mathematics of Physics and Astronomy.

The MORROW-McMANIS PUBLISHING COMPANY has been organized to publish all the works of Dr. Morrow. Units of attractive literature are now being prepared, some of which are now in process of publication. As the different books and pamphlets are issued, they will be advertised on an extensive scale.

OPPORTUNITIES—Extensive plans are now under way which will afford opportunities for those who come

to understand, through diligent study, the FIELD THEORY SCIENCES. It will not be long until our work will require the talents and energies of men and women throughout the world! The work will necessarily require an understanding of the New World Sciences; and THOSE WHO BEGIN NOW will be first to avail themselves of the opportunities!

So we make the call NOW! We need research workers, writers, artists, and lecturers. Magazines will demand illustrated articles. Communities will wish to become informed through lectures; and millions will want to read and study all available literature on the FIELD THEORY.

THE INTERNATIONAL EARTH-CELL SOCIETY will soon be an active factor in this movement. Charter membership in this Society is now open to all who apply, WITHOUT ANY CHARGE OR FEE WHATSOEVER! You are invited to enroll NOW!

Under the sponsorship of this Society, a LECTURE BUREAU will be inaugurated. There will be STUDY CLUBS which will require leaders to instruct classes. There will be millions of pamphlets and leaflets to be handed out by friends or enclosed with their personal letters. Interested friends can thus become valued and appreciated factors in extensive advertising.

Get in touch with us concerning the INTERNATIONAL RESEARCH AND EDUCATIONAL FOUNDATION, which is sponsoring our research work and propaganda.

Apply for membership in the INTERNATIONAL EARTH-CELL SOCIETY; write for particulars concerning study of the New System of World-relations, and begin its study NOW!

THE MORROW-McMANIS PUBLISHING COMPANY,

Dr. J. V. McManis, Secretary and Manager,

KIRKSVILLE, MISSOURI, U. S. A.

Display Composition and Printing by



New Orleans

Monotype Composition, Pages 5-15 inc., by
The Journal Printing Co., Kirksville, Mo.