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A 1920

THREAD OF LIFE SERIES

Vol. I.

Pierson Worrall Banning

By

PIERSON WORRALL BANNING



With Maps and Illustrations



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II.

TO  
MY WIFE

III.

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# MENTAL AND SPIRITUAL HEALING; ALL SCHOOLS AND METHODS; A TEXT BOOK FOR PHYSICIANS AND METAPHYSICIANS

By

PIERSON W. BANNING

## CLARIFYING METAPHYSICS

### MENTAL AND SPIRITUAL HEALING.

By Pierson Worrall Banning. International Book Concern, Los Angeles Branch.

To those who find more ideas than words in the flood of "metaphysical" literature that has inundated the English-speaking world for twenty years, Mr. Banning's latest volume in his Thread of Life Series will bring no small amount of satisfaction. The author has addressed himself to the "physician and metaphysician," but the laity no doubt will find the work equally palatable. Mr. Banning's task has been to classify and analyze the literature of mental healing—no slight undertaking—and to apply his own yardstick of appraisal thereto. His analyses may bring faint protests from the devotees of the various schools considered and from the incorrigible skeptics who are of no school, but no one may question his sincerity, his assiduity or his success in finding the kernel of thought in the mountain of matter. Above all, Mr. Banning is tolerant, finds excellencies in all methods of healing and leaves the reader to select his own.

Basing his discussion on the principle of molecular vibration, the author states that sickness is produced by inharmonic vibrations and that hence healing is merely a readjustment of wrongly

manifesting vibrations. The methods of all schools of healing are arranged by Mr. Banning in six classifications, extending from the physical to the highest spiritual phases. The position in the scale is determined by the degree with which the five senses are or are not brought into play in effecting a cure, the highest being that in which the mind has attained its freedom. The first category is the "suggestive," which the author calls the lowest, including medicine, diet, osteopathy and massage. The second, the "hypnotic," covers not merely the deep and intermediate stages of hypnotism as investigated by Braid and the Nancy School, but also the lighter phases characteristic of the Emmanuel and Coue movements. "Auto-suggestion" is the third class, embracing the personal methods of mental science, New Thought and Coueism. "Meditation" is the fourth, and "Spiritual and Divine Healing" the fifth, the latter including Christian Science and kindred schools. The last classification is "in the absolute," the "highest state the mind is capable of reaching," that state which needs no denial, affirmation, will, imagination or visualizing. Mr. Banning quotes appropriately and briefly from the leaders of each school and the reader will find his outline a consistent model of clarity.

LOS ANGELES TIMES.—AUGUST 26, 1923

BOOK REVIEW SECTION

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# AN ANALYSIS

**C**ERTAIN distinctive ideas appearing for the first time in **MENTAL AND SPIRITUAL HEALING: ALL SCHOOLS AND METHODS: A TEXT BOOK FOR PHYSICIANS AND METAPHYSICIANS**, include the orderly arrangement in proper sequence, of all forms of mental action and reaction from the lowest to the highest.

Beginning with the lowest classification, it is noted that the mind is reached through the five senses as avenues of approach, and that any of the various physical, chemical or other means commonly known of, may be used for the purpose.

Gradually as the scale is ascended, the five senses are cast aside one at a time, as they are no longer required to secure mental reaction, until in the higher phases of work, they are entirely eliminated as channels for reaching the mind.

Methods of obtaining such reaction of the mind, are presented in the same sequence, from the lowest to the highest.

Beginning with the lowest, the usual physical, mechanical, chemical or other accepted methods may be employed. As such methods are gradually eliminated in advancing stages, concentration and will power begin to take their place in bringing about the required mental response. From this point on, the five senses gradually cease to be utilized, until we advance step by step to where neither will power nor concentration are needed, in producing mind action. This highly developed state of mental repose, receives no communication through the usual five senses. On the contrary, whatever stimulus is received, is entirely independent of testimony through the five senses.

This work has nothing to do with creed nor dogma, and is not written from the standpoint of any one school of work. It presents the grouping of the various schools and methods of action, in proper relationship and sequence to one another.

In practice, as careful analysis will show, it is seldom that a physician or metaphysician, regardless of his school or group, confines his effort to a single class or type of work. On the contrary, it is found he utilizes methods belonging to a number of groups.

This is the only work presenting all schools and methods in their proper relationship, scientifically arranged with respect to one another, analyzing the work of each, and giving it, its distinct place and character in the scale where it belongs.

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found at the end of this book.)**

**IV.**

## PREFACE

This book is not presented by the author, as necessarily representing his own ideas or beliefs in all particulars. It offers for the first time in its present complete form, the conclusions advanced by students and investigators regarding the various subjects mentioned.

It is arranged in consecutive and logical form, from the time the world came into existence, to the time it will cease.

The fascination of the subjects dealt with, has gripped the greatest minds of all ages. Even a Wells has not dared attempt the boldness of the author. The very unusualness of the subjects treated, alone makes it worth reading, even if you do not agree with it. It will at least make you think!

THE PUBLISHERS.

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## WHAT THOMAS EDISON SAID

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The World War brought about a re-awakening among the people of the world. There has never been a time when there was such eagerness to know more of the mysteries of the past and future, than now. Various lines of reasoning have been advanced; many of a mysterious nature based entirely upon theory or speculation, which their authors have endeavored to support by natural laws classified by many as phenomena.

Undoubtedly the contents of this volume will present a new view-point to many. It is written especially for the lay-reader. It is not religious. It relates to a subject which in the past has been presented usually in fragmentary form or appearing in out of the way publications of a scientific, semi-scientific and theoretical nature so that few have ever had it brought to their attention in its present concise form.

Efforts have been made to avoid technical and scientific terms having a double or hidden meaning. By so doing much that has been grasped only by the scientist and student, is clarified and opened to the understanding of the lay-mind. This book is worth while if it makes one realize how insignifi-

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cant individuals and the world are in general, in their relation to the history of the past and what one may expect in the future.

It is a history of the world, written in a new form, how it came into existence, and the cataclysms, catastrophes and great world changes that have come to it in past ages. As far as possible it is also a scientific statement regarding future cataclysms, "How and when will the world end?" "Will it burn up?" and many other questions that have troubled mankind since the day he had sufficient "mind" to think of how it might happen. Based upon such speculation there have been endless predictions, but all have proven worthless. It is not the purpose of the author to be a "prophet" in the usual sense of prophesying the future, but only in so far as conditions may be anticipated when laws, more or less understood, continue to operate for a sufficient length of time. To appreciate fully what the future holds for mankind, one must go back to the formation of the world and follow it through its course, age after age for millions of years.

How shall this be done? Without going into detail, for this is not a *scientific treatise* or *reference work*, only an attempt at an easy reading story, we refer you for further in-

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formation to leaders of thought, scientific and otherwise. The story related herein is not told exactly as the geologist would tell it, still there is so little difference that the geological story upon which the geologists themselves differ radically, fits as easily into this as a hand does into a glove. The following authorities as well as others present such an array of evidence for much of this, that the soundness of the facts presented, will not be questioned by many: Huxley, Darwin, Ernst Haeckel, Elisha Gray, Louis Figuier, Besant, Prof. Isaac N. Vail, Donnelly, Madison, A. Buck, W. Scott-Elliott, Adolf Steiner, Blavatsky, who grouped periods of mankind; Sinnett, Prof. William H. Knight, Prof. John H. Draper of Harvard, Prof. Jolly, Prof. T. J. J. See, Prof. W. H. Hobbs, R. S. Tarr, Lawrence Martin and W. M. Davis of the Geological Society of America and Daly of the American Academy, Einstein who upset dogmatic scientific theories which were accepted for ages, and last but not least, Thomas A. Edison.

It will be appropriate here to quote from Mr. Edison ‡ setting forth ideas of a most advanced nature, which coincide so clearly with

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the facts presented in this book, that they seem to have been written for it.

Mr. Edison said among other things :

“I believe all the old and accepted theories of the origin of life to be fundamentally wrong \* \* \* \*

“Each is made up of many individuals gathered into a community, and it is this community (that constitutes the physical body and life). The unit which makes it up may be too small for the microscope to see. Everything which we see is a manifestation of community, not of individual effort. The mystery of life would be inexplicable were it not for this. We say, a man dies. Perhaps in a sense, the term is accurate when the aggregation which we have called man, ceases to function as an aggregate and therefore no longer can be called a man; but the expression is not at all accurate if by it we mean that the life which kept the man at work or play, ceases to exist.

“Life does not cease to exist. The life units which have formed that man do not die. They merely pass out of their unimportant mechanism which they have been inhabiting, which has been called a man, and have been mistaken for the individual and select some other habitat or habitats. \* \* \*

## PAST, PRESENT AND FUTURE

“The theory which generally maintains about the origin of life seems to me to be unreasonable. We can not get something out of nothing. Life can't make life. Life is. It is not made \* \* \*

“Really, those things which seem to be manifestations of nature's cruelty are merely episodes of competition between groups which covet one another's machines, one feeling that the possessor of another's might help it better to meet the emergencies of the environment with which it finds itself surrounded. \* \* \* Life is individual to the unit and not to the aggregate of units. \* \* \* If we accept this as fact, another question arises. Is matter fine enough to permit units of such minute size to be very complicated?

“We need not worry about that. The electron theory gives to it a reply which is wholly satisfactory. I am sure that a highly organized entity, consisting of millions of electrons, still remaining too small to be visible through any existing microscope, is possible and has life.

“The individual is the aggregate which we call a “man;” the members of the swarm (of life elements) which (to some extent by chance) have collected to make that man are 95% workers and 5% directors. \* \* \* \*

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“In the case of “man” for example, he may be “bad” or “good” in accordance with the trend of these dormant individuals, or in accordance with the majority quality of the individuals which have gathered \* \* \* in the swarm which makes him up. He is “good,” if “good” individuals are more numerous in it (in his physical body) and dominate, and “bad” if the reverse occurs.

“We do not know what the nature of life is, or what the requisites of its existence are. It may be that they can live and prowl about in the ether of space and do not in the least require our atmosphere or soil. If so, earth life can have accession from the mysterious realms beyond our atmosphere.. Probably that is how we got it here in the first place, how life got here. The thought that life originates on this insignificant little contemptuous unimportant sphere, to me seems inconceivably egotistical.

“The manner of the genesis of life upon earth I think, was this: After the earth cooled of the great heat of its assemblage, life-units came to it through space, into which they had been thrown from some other more developed sphere or spheres. Reaching the earth, they adapted themselves to the environments they found here, and then began



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the evolution of the various species as we have them, each "growing" individual, being a collection of cell-communes.

"I think this theory will explain special ability better than any other. It will rid the world of harmful superstitions such as those of spiritualism. It will bring order out of chaos of much of that puzzlement that we endeavor to accept, as reasoning, with regard to the creation and genesis of man. \* \* \*

"It is impossible to accept as fact all the apparent testimony or appearances. In geological ages, all of a certain type of crustacean creatures suddenly disappeared and a quite different type came into being. The "swarm" (life group) that had built the first had not been annihilated, but the environments had changed and in order to meet its new conditions, they built mechanism of another pattern. One mechanism has been replaced by another of a different type many times in the world history. Changed conditions not only required, but forced new forms. \* \* \* \*

"Doubtless something of the sort, will happen many times again.

"The absurdity of our *present theories* seems painful to me \* \* \* \*

"I want someone to start along a new line

## MAKER, MAN AND MATTER

of thought with regard to these and kindred subjects. We have been accepting old established theories with a complacency unworthy of our present imperfect mental grasp. We need fresh brands of energy among our scientists, new theories, new ideas, new initiative. Einstein has shown the world the sort of thought it needs, and it needs it along many lines. The more Einsteins we can get, the better. I wish we had an Einstein in every branch of science.

“It is not impossible that, when we find the ultimate unit of life, we shall learn that the journey through space never could harm it and that there is very little that could stop it \* \* \* \* I believe the ultimate life particle, could go through glass with the greatest ease, and that not the highest or lowest temperature known to human science could harm it. \* \* \*

“I believe these “swarms” (of life) or, at least the individuals which make up these swarms, live forever.”

Louis Figuier the scientist, in “The Tomorrow of Death,” wrote:

“They would have us believe that all Nature is arranged, from the vegetable up to man, in successive and indefinitely numerous gradations; while between man and God

## PAST, PRESENT AND FUTURE

there is nothing but a desert, an immeasurable hiatus! Plainly this can not be; and it is only in their ignorance, of the phenomena of Nature, that religions and philosophy have fallen into this serious error. There must be between man and God, as between the plant and animal, a multitude of intermediary creatures which bridge the passage from humanity to the Divinity which rules in omnipotence and infinite majesty.

“There are such intermediaries, we are sure. We can not see them; but if we refuse to admit the existence of whatever we can not see, we shall fall into cruel absurdities.

“Let a man of science show to an ignorant person a drop of water from a neighboring pool, saying, ‘This drop of water in which you see nothing, is filled with animals and diminutive plants, which live, are born and die, like the animals and plants in our fields.’ At these words, the other will shrug his shoulders and think the speaker a fool. But let him consent to place his eye to the magnifying glass of a microscope, and through it examine the contents of the drop, and he will see that the savant told the truth; for in that drop of water in which at first he saw nothing, his eye, effectively seconded by science, will discover worlds.

## MAKER, MAN AND MATTER

“We have said, ‘Death is not an end but a change; we do not die, we undergo a metamorphosis.’ We must now add: ‘Birth is not a beginning, it is a sequel. To be born is not to commence; it is to continue an anterior existence.’

“For the human species then, properly speaking, there is neither birth nor death; there is only a series of existences linked together, and which reach from the visible world through space to connect themselves with worlds shut off from our gaze.”

If, while studying the following pages, the reader will keep in mind these assertions made by such scientific men as Edison and Figuier, he will see that what might otherwise seem new to him, will not be difficult to accept, for the statements are perfectly sane and logical. Religious beliefs, doctrines, dogmas, fears, superstitions and ignorance, alone may prevent the acceptance by some, of these facts already known to advanced scientific students and investigators.

Remember what Edison, Figuier and others have said, and what others are saying now, as you read and accept the *fundamentals* as facts. “*The Thread of Life*” is a wondrous thing—without end—as it were, having, we are told, an existence on earth to exceed 20,-

## PAST, PRESENT AND FUTURE

000,000,000 years, after which, according to the best scientific and other authorities obtainable, life will either return to its original source, or continue its onward progress in other worlds, for time eternal.

In compiling the great amount of data from many sources and condensing it into these few pages, quotations and extracts from various works have been revised, rewritten and amended so frequently for easier understanding and continuity that it is hoped credit due to any special writer that may not be specifically given, will be overlooked. The author desires to give credit to others for whatever original thought they have supplied, reserving for himself credit for the research and study required in rearranging and simplifying the vast amount of material and in adding such matter as he has found requisite.

This is not intended as a technical work; it has not been burdened with authorities and references which many purely scientific readers might desire. A study of the subjects included herein, will expand the vision and outlook of those seeking a fuller understanding of the world's biggest problems, "*The Thread of Life*," whence and whither.

It is not expected that the reader will ac-

## MAKER, MAN AND MATTER

cept everything that appears on the following pages, but if after reading it carefully, and possibly re-reading it, he does not have a different outlook on life, it is only because he is already familiar with its contents. As the following has been prepared from the conclusions of the best known authorities covering the peculiar phases of this special work, the author trusts each chapter will be read with a constantly growing interest, to the end.

Other volumes bearing upon equally interesting phases of existence are in course of preparation.

PIERSON WORRALL BANNING.

Los Angeles, California.

1920—A. D.

## PREPARING TO GO

### Chapter 1

The following conversation takes place in the year 7120, A. D. —1

“Dr. Hood, I am here at the suggestion of Prof. Hubert to learn directly from you, of your experiences at the time of the re-discovery of this part of the world. When I was a small boy, my father told me something about it, but I have not the facts in mind that Prof. Hubert has referred to, nor what he wishes me to learn from you. He has just returned from a three years’ exploration of the rapidly growing continent in the Pacific, which he has named “Numerica,” and from the small rising lands in the Atlantic which he has named “Nulantis.” I am here to learn all I can regarding the great world changes that have been taking place within the past century or more.” —2

“I am an old man, my boy! I have tried to forget it all! I prefer not to recall it now, but may decide later to do so for you. However if you wish, I will take you with me, so to speak, to earliest times, and show you how the world came into existence; the various great Root Races of

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man; how and where he lived, reproduced, and why he was succeeded by others; why the continents upon which he lived in earliest times passed out of existence and new ones came into being, just as these two new continents you have referred to. Then I shall try to show you how this is part of a general scheme and plan of our earth; what the future holds, and similar events that mankind of the future will have to experience. So, if you will come with me, we will make the start tomorrow." —3



## **BEFORE THE FIRST ROOT RACE**

### **Chapter 2**

“So, here you are for that promised journey I am to take you on, as we travel back to the period when there was no Earth in existence. —1

“Now let us imagine ourselves on a vast prairie where we can see for hundreds of miles in every direction. Imagine that something happens whereby instead of the earth remaining round, it opens up on the side opposite us and flattens out to a degree that would be impossible to measure, and that its former thickness continues to become thinner and thinner, spreading out in area to an extent which can never be known. —2

“Let us imagine that as the earth spreads itself out in this unlimited way, the new surface becomes so thin it no longer has any thickness. Instead, we stand upon what seems to be the surface, but also find no trouble in standing above or below this apparent surface. As a matter of fact we find it just as easy to be high above or far below it, by merely desiring it; that no limit exists to prevent our being at any point or at any distance desired. Again, imagine that the

## MAKER, MAN AND MATTER

surface of the earth and the inside as we saw it spreading before us and thinning away, should continue to become more and more dispersed, and no matter how rapidly it dispersed we were always safe and moved about in any direction. And that it made no difference how great the distance we wished to travel, we are always there, and no matter how far we go we are never any nearer the beginning or ending of the universe than before. That would begin to give you some idea of how limitless the universe really is. —3

“Let us look again. We find this same condition confronting us on all sides; no limit to space, nothing to prevent our doing what we wish to or going where we desire, and in addition we find in this world of eternity of which we are now becoming conscious, the perfected impressions of everything we were accustomed to on earth. We recognize this, and wonder how we could have had the clouded misunderstanding of true conditions as we now see them. We see everything in effect, but only as a perfect idea, regarding which we are now without prejudice or misconception. In other words we see everything we formerly saw, but in its real state of perfection, and not under the befogged conditions we experienced while on earth.

## PAST, PRESENT AND FUTURE

Some might call this heaven or eternity, but we shall call it merely being in the "starry space" of the universe which has always existed and always will. —4

"I am sure you follow me clearly, do you not? When it was decided to create this new world, God "projected" the necessary creating spiritual ideas into space, and viewed materially the scientific man would say, the electrons in the ether, or "lines of force" were set in motion or began vibrating, or moving and carried into effect the ideas or thoughts that had been "projected" by their "creator" for that purpose, as such ideas are His law. —5

"Let us enter this vortex of energy which the electrons are creating and see what is resulting. To material sight nothing is apparent, but our ethereal understanding perceives a great mass of electrons revolving around a common center. We pass on through aeons of time and look again at the same thing. —6

"Indistinct vapors and gases are rising to higher surroundings from this vortex of generating heat. The lighter gases are the highest above, while the heavier ones hang closer to this "electrical furnace" of creating energy. Watch closely and see the descend-

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GREAT WHIRLPOOL NEBULA, MESSIER 51 OF CANES VENATICI, SEEN THROUGH GIANT TELESCOPE, MT. WILSON SOLAR OBSERVATORY.

ing particles of dust and matter from the skies, coming closer to this tremendous heat within. See that cloud of dust as it were, sweep down towards the heat. Notice the gases rise from it and the residuum or sediment fall into the "fires," deposits from a passing comet's tail as it swirls past. Notice the shower of stones and chunks of metals and other elements shoot into this burning mass. But, look!—: it never reaches the molten center of electrical energy; instead it is instantly changed into gases and vapors and is ascending—watch it rise; notice how it divides, the lighter gases going highest.

## PAST, PRESENT AND FUTURE

Let us look ahead and again see this same developing sphere: —7

“These fires have cooled off materially. Falling into them are showers of molten liquids, really the condensing vapors of elements that will later become minerals, metals, rocks and other substances which the heat has held in fiery clouds above it, in the surrounding space. As they descend again into this fiery furnace they are shot to the skies above as vapors, only to condense again and fall, continuing the same operation over and over again. Let us look at this mass aeons later. —8

“What a change has taken place! The fires have cooled and the condensing elements of minerals, metals and rocks in gaseous and molten states, which fell into it when we last looked, have finally found a sufficient reduction in heat to permit their forming into a hardening mass which remains above these fires, held there by centrifugal force on one hand, and gravity on the other. The internal heat does not permit this mass to come closer excepting as its temperature is reduced. Look above again and see how the gases and vapors that were farther out than these heavier gases, have come nearer to this hardening mass, but are still held at a distance by

## MAKER, MAN AND MATTER

the same causes that keep the hardening mass where it is. Let us look at it again aeons later. —9

“What a change is taking place on earth. Practically the entire surface of this molten mass is covered with an apparent shell of matter. Fires shoot through openings here and there rising high into the heavens, as gases are forced out through these openings by matter dropping into the fires. Overhead, notice how the clouds of gases and vapors continue to come closer and closer. Those that formerly were on the outside are now very close to earth and coming closer all the time as the heat lessens. There goes a shower of rocks and minerals and metals and dust from a comet as it passes, and its tail surrounds this forming earth. The rocks will remain in that hardening mass, excepting the more volatile elements which will rise and descend later when the surface cools sufficiently. Let us look ahead again into the far distant future: —10

“Another change has taken place. Notice that great mass of black cloud that is condensing and settling on the earth now. That is carbon that has been held in suspense in the clouds for ages, caused by the burning of the elements that have entered this electrical

## PAST, PRESENT AND FUTURE

furnace. When that black mass is later covered up by materials, by the elements still above continuing to condense, and becomes part of the earth, it will be the beginning of the great coal stratas to be found in the earth which later vegetation will add to. —11

“At last the minerals, metals and lighter elements that liquify and become hard upon earth have all descended and become part of the surface, layer after layer. Over head the remaining clouds we see are only water vapor though some of the lighter gases remain above, and are mingled with them. Notice how they are condensing and rain in torrents pours towards the hardening earth. But, again! it can not reach the earth for the heat that comes from it again turns it to vapor and mist, and it ascends becoming clouds. This condition continues for ages until the heat below has cooled sufficiently to permit it to reach the surface as water. As it finally reaches the earth the heated rocks, minerals and materials cause it to rise as vapor, but in time they cool and absorb great quantities of it. —12

For aeons of time this falling deluge of rain and a mixture of chemical elements enters the earth, sinking farther and farther in, until its progress is stayed for two rea-

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sons. In one instance the water entering this mass of materials forms a great hardening and cementing of many elements, and on the other hand the heat within does not permit it to penetrate farther, again forcing it back to the surface, either through volcanic openings or through natural fissures and cracks. As this condition continues for ages, we find that the waters above which have continued to descend for millions of years, finally cover the entire earth in a manner whereby no land is seen. —13

“Internal heat constantly breaks through this surface, and tremendous clouds of vapor continually arise, making the waters of the earth as well as the surrounding air tepid and warm. The sun has not yet penetrated this vaporous mass; only by refraction of its rays, has a feeble light of dawn gradually been breaking. —14

Ages later as the clouds begin to rain themselves out, and the waters remain on the earth, the sun begins to reach it, and for the first time the heavens and earth are separated; there is day and night; the seasons begin, and cold is first experienced upon the now cooling earth.”—15.



## FIRST ROOT RACE

### Chapter 3

“So far I think you follow me clearly as we have seen how the earth came into its present condition. We shall go back a little and see how life came into existence on this slowly evolving planet. After the Creator’s “ideas” had been “projected” and conditions had reached the point where life could inhabit this earth, not as we know it now in physical form, but the “essence” the “living” something that animates the physical organisms and inhabits the physical bodies, sometimes called the “soul” or “human mind,” then these life “swarms” or elements came to this earth as “projected” ideas, possibly from other planets, from comets or through space. These “thought forms” we might call “shadow forms” or “ethereal outlines,” “swarms” of life particles, “shells” or any of the various terms used to designate ideas of material creation too infinitesimal for human perception or discernment by mortal eye, but which nevertheless exist. With this we shall see how human existence and other life finally developed as we know it today. —1

“We might say, the earth finally cooled and

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developed to the point where it was ready to be impressed with life images, as the sensitized photographic plate or film is ready to be impressed with a picture when exposed to light vibrations. —2

“When the earth became thus sensitized and ready to receive its impressions of life, there was photographed upon it, drawn to it or reflected to it from other worlds in space, the life particles that impressed themselves upon this earth, and here developed just as the impressions on the photographic plate are developed, and their images made manifest. When the earth had been impressed with the invisible life forms from without, there developed the impressions or thought ideas or “swarms” of life particles, that eventually manifested themselves upon the now sensitized earth and its atmosphere. —3

“We shall begin with this general understanding of these “shadow” conceptions of the Creator’s ideas which brought this material world and its life into existence. He did not create them all at once, but took “seven days” according to the Bible. These “seven days” are “days of eternity” and not mortal days, though had he desired to complete His creation within seven mortal days, there is no reason to doubt that He could have

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done it. But in this account we are dealing with the "days of eternity" in His creation of this Earth. —4

"We shall now see what took place, beginning and passing on through millions of years from one period to another, as the world and life thereon developed. —5

"Let us watch carefully what goes on before us. It will appear as a moving picture for we must hasten through countless millions of years, in a comparatively short time. —6

"So here we are as "ethereal beings" for the time being. Gradually we shall again become more and more clothed in physical and material bodies as we pass on through "time" and take on the development of what we see about us. But as "ethereal beings" in the great ether of space where neither mortal nor earthly things exist in material form, we shall watch the developing conditions that brought life into existence upon Mother Earth. —7

"Place your "ethereal hands" out before you and see if you do not notice a strange sensation. I knew you would and you are wondering what caused it. It is not physical. It is merely the electrons or "lines of force" composing the ether vibrating or radiating

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from the "One Source" of power in the Universe. We shall call the source of Spiritual Creation, God, for it is not the name but the Power behind everything, which all agree exists. —8

"When these "lines of force" are directed by God or His Helpers, they always act harmoniously in accomplishing their mission. His ideas or "thought forms" were projected towards bringing this Earth into being. The electrons as we saw, began accumulating and vibrating in the place the earth was to take form in, continuing to accumulate for ages, until pressure and friction produced heat—then fire-mist or the "mist or matter." This vapor accumulated and developed in time, in such abundance that a mass of it more than 120 times greater than our present Earth resulted. —9

"This kept up for millions of years. When this accumulation of vapors as we now see it, was reaching the stage where water was gathering on the earth, there began to appear in abundance, "swarms" of life particles that were "projected" to earth, and which hovered about it. —10

"These were the "shadow" forms of life later appearing on earth. The heat of the forming earth had no effect upon this "sha-

## PAST, PRESENT AND FUTURE

dow" life or on these "fire-mist" men. They had no physical bodies to be harmed by heat. It is thought by some that these first forms of human life, called the First Root Race, were created of two elements, air or fire and water, for they were much like the vapors or clouds hanging about the earth at the time, without definite or particular shape. There were "projected" "life swarms" for other forms of life, from vegetable to animal. These at first, like man, were merely "shadows" of what they later became. All these "shadows" of human animal and vegetable life were invisible to present human sight. You and I see them now because we have for the time being, laid aside our physical bodies and are in an "ethereal state." —11

"These "shadow" or "swarms" of life do not die. They have as yet no physical nor material "house in which they live" that can decay. Therefore the First Root Race of man and other life, continued for millions and millions of years, becoming more and more physical through the absorption of the material side of nature developing about it, much as water is absorbed by a sponge. The earliest of this Race were called "mind born" —as the mere desire of these 'shadow" men reproduced their kind. —12

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“As time passed these First Root Race men “created” by “fission,” that is by separation of their own ethereal bodies into similar ethereal bodies, exactly as clouds separate into parts, each of which is identical with the original cloud. The First Root Race created its own kind during millions of years of its existence. The gradual absorption of material elements of earth, by these “silvery-white” “men of mist,” in time lessened their “shadow” purity, making them more and more dense in form, but not sufficiently so to be seen by human vision of today. They were devoid of form and compactness, lacking in ‘mind” or intellect which came later when physical bodies became the homes of these “shadow” forms. The consciousness of the First Root Race was extremely limited. They “sensed” their limited necessities by “ethereal instinct.” It might be said that they possessed the “spiritual eye” or “third eye” or “spiritual hearing” which helped them commune with the ethereal conditions about them of which they were a part. In due course it was found that some of those of the First Root Race who failed to create their own kind by “fission” had not been endowed with those “swarms” of life particles, which caused this action to take place. Con-

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sequently, at a later time these "shadows" of the First Root Race received the "essence" or particular "swarms" necessary for the creation of their own kind. As these were then forced to create, it was found that those whom they created frequently lacked their "creative instinct;" they lacked the "swarm" essential to the work. Thus we see what might be called the first "ascetics" developing through natural processes upon earth. Those men who received the "life creating swarms" however became more and more material and physical with each new generation, and took on the surrounding material conditions developing on earth, gradually absorbing the "fire" and later the passions of the material world which came from elsewhere to the world, as from out of the ether, or from other worlds. —13

"The mode of creation of the First Root Race may be compared to that of the moneron or amoeba, which divides itself into two portions, each being a separate entity. —14

"The First Root Race was merely an "animated statue" lacking in mind and intellect, having merely the endowment of "ethereal instinct." —15

"As millions and millions of years passed

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these "moon-white" "animated statues" of the First Root Race gradually lost the original purity of their "filmy progenitors" which caused a marked difference as time passed between those with the life producing "swarms" and those lacking, or mildly touched by such "swarms." As yet all of the First Root Race still lived, there was no physical death on earth at this time. This first humanity became a "pale copy" of its progenitors, too ethereal to be material, and too material to be ethereally the same as their progenitors. They were endowed with negative perfection. —16

"Abbe Brasseur de Mourbourg, described the First Root Race of men as a race "whose sight was unlimited, and who knew all things at once, thus showing the Divine knowledge of Gods, not mortals." —17

"The Zohar, said that "The Soul and the Form when descending to earth put on an earthly garment; \* \* \* he was clothed in a Celestial garment of heavenly light \* \* \* . —18.

"The "shadowy" outlines of other forms of life, from the vegetable to the animal types, were first all created by fission of "swarms" during the First Root Race when they created at all. There was no sex on earth in



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those days; life was a-sexual or without sex, for there can be no sex manifestation as we know it without physical bodies, although the sex elements have always existed in one form or another. —19

“As the First Root Race began to come to a close and the Second Root Race started, those of the First Root Race were gradually absorbed by the Second Root Race as vapor becomes part of the water when it condenses. The more material bodies of the Second Root Race absorbed the less material shadow bodies of their ancestors of the First Root Race, who did not die but became part of the Second Root Race through absorption, if we may so express it. —20.

“From the massing of the electrons to form this earth, until it cooled enough for water to remain upon it, it is estimated about 4,320,000,000 years passed. —21

“It is estimated about 575,977,000 years passed before the transformation of the First Root Race into the Second by absorption. The newer race while still “shadow” and “ethereal” in nature, was not material enough to be seen by our human vision of today. —22

“Let us return prior to the formation of the First Root Race and the beginning of

## MAKER, MAN AND MATTER

animal life. Do you notice those shapeless "shadow" forms or chunks that seem to float about aimlessly in the cloudy vapors, not yet cooling down, all jumbled together in great masses here and there? Those are the "shadows" of what later are to develop into the rock and mineral elements of earth. High overhead that other shapeless "shadow" life that is slowly moving about, is the "shadow" of the amoeba and kindred cell life of the future on earth. Now they are only ideas that are manifesting infinitesimal "shadow" like outlines, awaiting future development.

—23

"We are told that when God, the source of all power, began to create the world and life, he did not trouble with the details but designated various "Helpers" to attend to this or that phase of creation. These "Helpers," some think were Arch-angels, who attended to the various details of life and existence here. If so, they doubtless had had experience in developing other worlds, and fashioned this Earth more or less accordingly. Consequently the first inhabitants of our Earth are the ideas of God, imperfectly manifested by His "Helpers" really "sub-creators," who attended to the details, just as an executive would detail this or that

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phase of work to responsible assistants. So to one "Helper," He gave the work of bringing into existence what later became man; to another that which later became animal; to another that which became vegetable and so on down the line through all other classifications, that are within the scheme of creation that came to this earth, or have since developed or which may evolve in the future. —24.

"Now, that you have seen how the various forms of life came into existence, let us go again to the middle of the First Root Race and see what changes have taken place. —25

"These "shadowy" forms of life we saw before as "empty shells" or "shadow outlines" later are to house the physical or material body of the original "ethereal man." They have now lost much of their "shadowy" form, and are becoming more dense as each generation is added. Man has also begun to reduce in size from the first great, formless hulk, two or four hundred feet or more in size, to a smaller type still lacking regularity of shape and showing no signs as yet of the later human type. He still hovers about or in touch with the earth, as "ethereal instinct" may direct, for he is still vapory or cloudlike in nature. —26

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“Let us look again into the condensing misty globe we call the earth, and see what is taking place there. It is much darker in the mist now than when we first looked into it, condensation causing a contraction of this great mass of the “mist of matter.” These “shadow” forms of lower life we looked at are becoming more compact and less active. They cling more closely together, forming heaps of varying proportions swaying in the midst of the vaporous fiery sphere. —27

“Let us look now some millions of years later. A disturbance has taken place; the first cataclysm known to earth, caused by a piling up of the “lines of force,” the electrons, which are finding it more and more difficult to manifest in this gradually condensing earth that now offers greater resistance than ever before. The temperature of this mass is tremendous. But something unusual has taken place within the “bowels of the earth.” The heavy mists that began to condense into drops, fell as rain from all directions into this great shapeless ball of vapor or “fire-mist”—our earth, and it is covered with the seas. This watery sphere has absorbed all the lower forms of “shadow” life within it, for they have been “swallowed up” in this cataclysm, and are now contained

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within the waters of the deep. But these new waters are still surrounded by vapors and clouds, and the "shadow" "fire-mist" man and life that lives above them. This change to a watery world produces new conditions within it. —28

"Let us look at the earth again towards the close of the First Root Race of man. It is a great watery sphere, mists and clouds float overhead as well as the "shadow" forms of primeval man, invisible to mortal eyes. Within the waters there is a constant change going on. The "shadow" forms of rocks, minerals and other life have all been condensing and contracting and assuming more material form. Some of the more advanced development of these forms have already assumed much firmness and hardness and there is forming within this great watery globe substance that is "chalky" and takes on strength and form. This is the condition we find millions of years before the close of the First Root Race, of the "shadow" or "swarm" life man. —29

"And the spirit of God moved upon the face of the waters; and God said: "Let there be light, and there was light. And God saw the light, that it was good; and God divided the light from the darkness." At this time

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all was darkness on the face of the earth, as our present physical sight would consider it, because of the great mists surrounding the earth, but to their "ethereal senses," their "shadow" forms, it was the only light they knew. —30

"All this time the temperature of the earth was reducing, gases had become liquids, liquids had solidified, and minerals, rocks, and elements were assuming conditions known today in the laboratory and the size of the earth becomes less and less, and "man" does likewise." —31

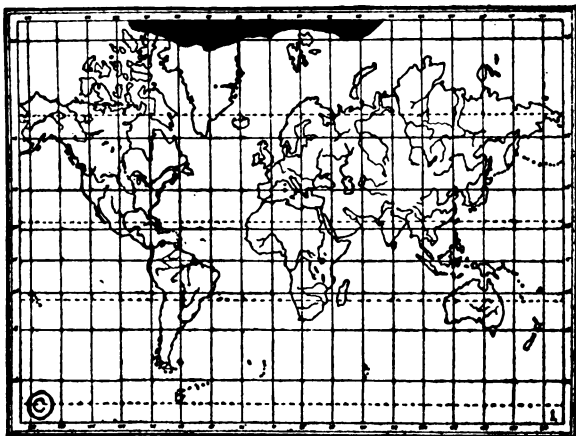
"Dr. Hood, this is intensely interesting. How about the land? When did that first come into existence?" "I will tell you about that. It was this way." —32

## FIRST CONTINENT

### Chapter 4

“Millions of years after the waters had covered the earth and sometime before the beginning of the Second Root Race, a great upheaval of the slowly developing physical world took place. A great disturbance occurred within the waters; the earth swayed, its form pulled first in one direction, then another but instead of continuing in the spherical shape it was developing into, it became elongated and egg-shaped, for it was in the throes of its ‘first birth’ if we may so speak of it, and in its travail it delivered itself of the first semi-fluid-like land or continent to appear on the face of the waters. “And God said: Let there be a firmament in the midst of the waters, and let it divide the waters from the waters.” So the first fluid land, the first continent came from the floor of the seas; it began to dry and harden and become land. The earth shortly after again assumed its spherical shape. This cataclysm was astronomical, while some later cataclysms were terrestrial. The earth changed its axis of rotation later returning to its normal position. —1

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MAP NO. 1—POLAR CONTINENT, OR FIRST ROOT RACE CONTINENT.

“This first continent was a land of large area covering the present location of the North Pole. It is where the First Root Race or “Polar Race” of mankind was first acquainted with the material and physical aspects that later became so essential to his earthly existence. The first terra firma we see is the only one of all the continents and lands that have since come to the surface of the seas remaining today, undestroyed. This “Sacred Land” is considered the birthplace of humanity on earth. —2.



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“This land was practically motionless as the earth at its poles revolved around it, and consequently it has not been subject to the great disturbances of earth in later ages. These disturbances have brought to life new lands, and ended the existence of others. The waters on the earth at this time were tepid, “eternal spring” was everywhere. —3

“The mineral and vegetable kingdoms were cold, lifeless and translucent, hardly nascent of the chaotic condition of the world, a sleep of oblivion in the waters of the uncreated; from a soft, plastic earth to a rock bound globe that physical man could inhabit, as well as the gigantic mammalian life that was to later develop, Blavatsky said in describing it as you probably know. —4

“For millions of years this First Continent at the North Pole was the only land that showed above the waters. As time passed and life within the waters became more material, it continued to reproduce of its kind and consequently added to that already there. It also condensed and became more and more solid, from the jelly-like substance that first appeared, then thickened until it became stiff, finally hardening, and eventually solidifying. The life “swarms” of vegetable and mineral life became more active at the close

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of the First Root Race. Gradually life assumed a more material aspect, although even the most advanced states of the lower forms, would not in many cases be discernible to present day vision, because of their minuteness. New lands were added to the "First Continent." These lands extended in various directions as extensions running towards the equator. Land soon appeared at the South Pole. —5

"It is estimated to have required about 575,877,000 years for this First Root Race to have its day, in the "dawn of life" and the birth of Mother Earth. The temperature of the earth was rapidly cooling, and its size decreasing. By this period it had reduced to about 80 times its present size." —6

## SECOND ROOT RACE

### Chapter 5

“We will look at the earth millions of years later, when the Second Root Race of man is beginning to come into his own. Not all of the First Root Race have gone but they are disappearing being absorbed by the great Second Root Race that is still of the monstrous “shadow” type although more condensed in “shadow” and substance, for as the earth is becoming more substantial and less plastic than formerly, so has man’s image; his “swarm” is now housed in a more material aspect. Therefore, instead of the First Root Race of man dying, for there is no death where there is no decay, he is merely absorbed by the more material bodies of his descendants, becoming part of him. Even these more condensed materializing bodies of the Second Root Race, are not yet visible to mortal sight, as we know it in the Fourth Root Race. —1

“The early Second Root Race were the fathers of the “sweat-born”; the latter Sec-

## MAKER, MAN AND MATTER

ond Root Race, were the "sweat-born" themselves. —2

"While the First Root Race had only "spiritual perception," the "spiritual third eye" or "spiritual understanding," the latter part of the Second Root Race developed the first germ of intelligence; man gradually became conscious of the "air or ether, and developed a sense of "intuitive knowing" and the conscious sense of his surroundings. The "astral body" or "shadow" of man when first developing in the Second Root Race, continued to create its kind by "fission," or as spores do in dividing themselves into separate parts, each of which is a new life unit. This is a-sexual or creation without physical sex manifestation or physical sex instincts, for there could be no physical sex instincts without the physical body of material man or animal, which had not yet developed; therefore it could not be part of his consciousness in his "ethereal" or "astral state." But as he continued to develop more and more of the physical completeness within the "shadowy" form, new conditions took place. —3

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"The "ethereal perception," the "spiritual instinct" of the First Root Race was identical with the "spiritual third eye" which was not physical in the first two Races. As the human race became more and more material, there first appeared one eye which was a physical conception of the so-called "third-eye." This spiritual or intuitive "third-eye" was all that the Second Root Race of man possessed as well as that of the "shadow" life forms on earth. Man was still without mind, acting only by "spiritual understanding" in the First Root Race and by "intuitive understanding" in the Second Root Race." —4

### SECOND ROOT RACE CONTINENT

"The Second Root Race Continent, the land that stretched southward from the "North Pole" to receive the Second Root Race, comprised the whole of what is now known as Northern Asia. This was the name given to the far off "mysterious region" the "Hypoborean Continent," the "Land of the Hypoboreans" in the North; the land that extended beyond the Boreas, the frozen hearted

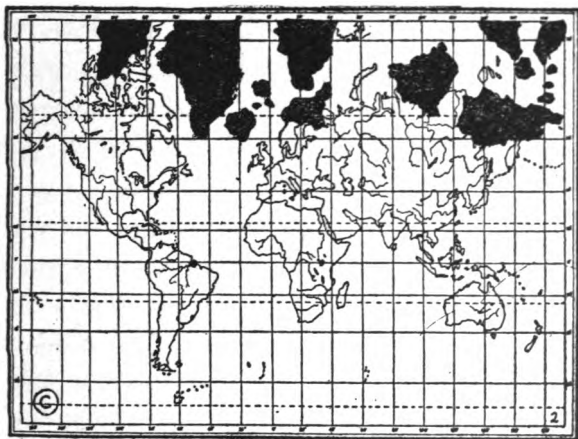
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God of snow and hurricanes who loved to slumber on the chain of Mount Rhipaios. It was neither the ideal country as surmised by mythology, nor the land in the neighborhood of Scythia and the Danube. It was a real continent which knew no winter in those early days, having even now not more than one night and one day. —5

“Northern Asia is as old as the Second Root Race. It may be said to be contemporaneous with human life, the root continent so to speak; strictly speaking that part of the world now known as Asia being cut off from it, was then divided by glacial waters. —6

“During the Second Root Race additional land appeared above the waters as a continuation of the First Continent. New continents and islands appeared in both hemispheres on a line above the northern portion of Spitzbergen on the Mercator Projection on the outside, and included the land on the American side, in the localities occupied by Baffin Bay and the neighboring islands. These hardly reached southward 70 degrees

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MAP NO. 2—HYPOBOREAN CONTINENT OR SECOND ROOT RACE CONTINENT, SHOWING LANDS GRADUALLY EXTENDING TOWARDS EQUATOR.

of latitude, and here it later formed the horse-shoe continent of Lemuria of which the two ends, one including Greenland with a prolongation which crossed the 50th degree a little southwest, and the other Kamescatka, the two ends being united by what is the northern fringe of the coast, of Western Siberia, Blavatsky said. —7

“During various periods of the Second Root Race, there were convulsions of the Earth which had not yet adjusted itself. New plastic lands were thrown to the surface

## MAKER, MAN AND MATTER

while parts of those already formed sank beneath the waves. The earth moved on its axis and the position of the Poles was again altered. This was the cause of the physical cataclysm to the Earth at the close of the Second Root Race. —8

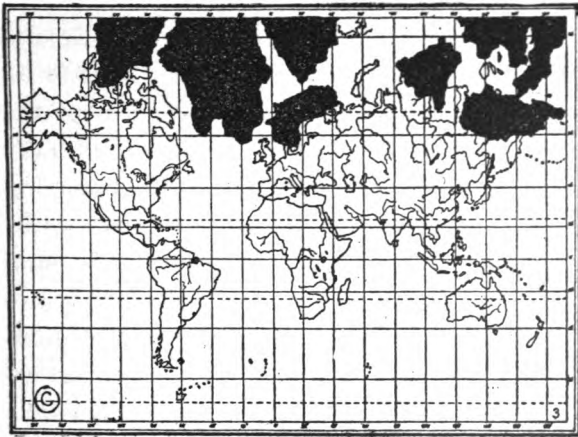
“The “shadowy” outlines within the waters during this period began to absorb earthly character and substance; the newly forming rocks become firmer, the cell-life continued to develop in its gelatinous substance, which separated from itself and new “shadow” life developed along more material lines, as it was doing on land and above it. —9

“By the close of the Second Root Race the earth had shrunken to a point where it was about ten times the size of the earth during the Fourth Root Race. Until now it had not cooled sufficiently for physical life to take form as we know it today. —10

“The Second Root Race is estimated to have existed about 518,400,000 years or about 57,000,000 years less than the First



## PAST, PRESENT AND FUTURE



MAP NO. 3—SECOND ROOT RACE CONTINENT AT A LATER PERIOD.

Root Race. Fish and kindred life in gelatinous or transparent form was coming into existence during the latter part of this Race.

—11

“The Second Root Race at its conception had no form of speech, for it had no organs, and whatever form of communication it may have carried on was by means of the “third eye” or “sixth sense.” The “seventh sense” belonging to the First Root Race, was

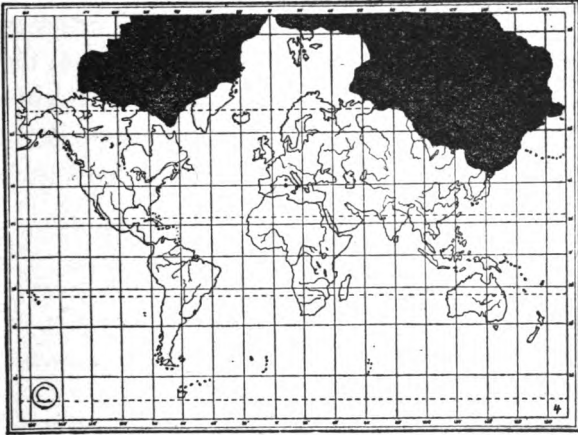
## MAKER, MAN AND MATTER

that of "spiritual perception." 12

"Millions of years later when the Second Root Race was beginning to give over to its successor the Third Root Race, we see the "astral shadow" outlines of this giant-man-form, gradually decreasing in size, becoming more and more physical and compact, as he is beginning to take on substance of a material nature. His "physical body" is beginning to absorb material elements and gradually reaching the point where the physical vision of the present Root Race would barely be able to see its shadowy outlines. During the early sub-races of the Second Root Race, man is a giant in stature being more than 150 feet high, but in outline unlike our present physical form. He did not walk as man of today does, but moved about on the surface of the earth, hither and thither as his whims or nature might direct. This Second Root Race is the same as the mythological "Hypoborean Race" that lived in the North, and were giants, also known as the "Polar Race." —13

"Greenland, Iceland, Spitzbergen and the

## PAST, PRESENT AND FUTURE



MAP NO. 4—SECOND ROOT RACE CONTINENT, PROBABLY AT ITS GREATEST GEOGRAPHICAL DEVELOPMENT.

more northern parts of Norway and Sweden and the extreme north cape of Siberia, are parts of the still existent "Hypoborean Continent." However at the time we have just described, it was intensely tropical in climate for the earth had not cooled sufficiently for physical life to appear as we know it today.

—14

"Geologically we might classify the Second Root Race as follows: it comes within

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the Archaeolithic or Eozoic Epoch (Dawn of Life), about 70,000 feet below the crust of the earth today; the Laurentian Period; animal life was Foraminifera; the Eozoon Canadensa; earliest known forms of plant life were the seaweed, club moss marine in nature." —15

## THIRD ROOT RACE

### Chapter 6

“At the beginning of the Third Root Race all life on earth was still “shadow,” “swarm” or “astral” in form though it had for the past two Races gradually been condensing into physical life organism, both in size and substance, and by the close of the Second Root Race was on the borderline of visibility, from the standpoint of the vision of the present Fourth Root Race. The “hulks of shadow forms” of men and other life gradually began to absorb material elements as it were and condense taking on the semblance of physical instincts, as well as becoming more or less alike as to physical type. However they were still lacking in MIND and INTELLECT although they were fast approaching the period when some of them were to be touched with the “spark” that would differentiate them from the animal life about them, which was also becoming material and physical in form and instincts. During all this period the temperature of the earth was gradually reducing to a point in which the developing material bodies containing “swarms” of life particles found it

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possible to exist as we know it today. —1

“During the Third Root Race three distinct methods of reproduction developed. They succeeded one another and “creation” of their own kind ceased. —2

“The First and early Second Root Races were not affected by the hot moist climate or extraneous conditions excepting among those few individuals who had developed far ahead of their Races, and had the more physical or material qualities of the forthcoming Third Root Race. We learn that man to the close of the Second Root Race lived where “eternal spring” reigned over the entire globe, and tropical “vegetation” and life existed. —3

“He was now reaching the stage where he could no longer “create” his kind, becoming too material for “fission” of his physical substance. When this stage developed his efforts to create his kind forced new methods of accomplishing it, and the first steps in reproducing his kind began. Millions of years were required to bring about the newer methods that finally resulted in success, since his body was becoming somewhat physical. Finally the point was reached where in his throes and efforts to perpetuate himself, he forced from his now somewhat increased material form, a secretion or essence, a

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“sweat” that dropped to the ground and formed itself into a globular mass that hardened, as described by Leadbetter. This hardening mass contained the life qualities that developed into his off-spring. This hardened mass while not always regular in outline or shape, was however somewhat “egg-shaped” and consequently this part of the Third Root Race of man, is called the “sweat-born” or “egg-born” man. —4

“This may be more easily understood if we remember how the rubber tree, the sugar maple, or pine tree will exude and allow a secretion to run when the skin or bark has been injured. This substance gradually hardens as it reaches the air, whether on the ground or elsewhere. So, the Third Root Race man as yet, was not the physical type of man of the Fourth Root Race, but a gigantic mass of developing matter with the “spark” of intelligence just arriving. He “sweat” or exuded a “fluid” or sap from his “pores” or from a wound on his body much as the trees do. This was the first effort of “material man” to reproduce, for he was without the physical sex or sex-instincts which were later developed. —5

“This mass of hardening secretion, the “egg” that developed from the Third Root

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Race man containing the life qualities of his kind, was protected by its egg-like covering during the period of gestation, until the life within developed sufficiently to force itself through its protecting covering and entered the world as a new "human being." This we can very properly compare with the hatching of the chicken from the egg, and consequently these human beings of the early Third Root Race were called or known as the "sweat-born" race, created from the "sweat." This was the first change in the method of reproduction that developed in the first physical man of this period on earth. —6

"The young "human being" that emerged from these egg-like protecting masses was shapeless and sexless to begin with, but as the ages passed and the "ethereal" and "astral" forms became more and more surrounded by the material, and became less and less spiritual in type and nature, other changes followed. —7

"In the middle period of the Third Root Race, this "egg born" man gradually produced within himself the physical sex instinct. At first this sex quality was different from what we are accustomed to in human life today. Just as the worm and kindred lower forms of animal life reproduce their



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own offspring within themselves, so the human animal-man of the middle Third Root Race began to develop a bi-sexual off-spring, a human being having within his rapidly developing material body, two separate sex functions which at the time of fecundation produced the secretions that fertilized itself within the new human body, and the off-spring for the first time developed as it were by "budding." A swelling first took place on the body of the human race which was now androgynous, or bi-sexual, just as "buds" on trees do when they begin to swell and burst forth into leaves. So with man this "budding" process developed and when the period of gestation was complete, the swelling broke and the "human child" came forth. At this point, the "human off-spring" had first to be given attention, until able to care for itself.

—8

This "inward-sex," this "budding" process continued for ages, finally replacing the "sweat-born" or "egg-born" man. Another change gradually developed, and instead of the "human being" reproduced by the "budding" process, by the sex organs which were then far inside the body, these organs began to come close to the surface of the body. This at first was gradual, bringing the process of

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fecundation closer to the surface of the body, and while the "budding" process continued for ages, it finally brought about a changed physical condition whereby instead of breaking open the body as a bud bursts open at birth, there developed a channel to the surface of the body through which it passed. Up to this time each human being individually was capable of reproducing his own kind within himself. As this condition gradually came into effect, bi-sexual hermaphrodite condition in man began to develop that showed in each individual both sex organs at the surface. Gradually as these sex organs appeared at the surface of the body, the method of reproduction ceased to be individual, as in the "budding" and preceding processes, and the first "mating of man with man," or with animals took place. As time passed one or the other of these two sex organs in this true hermaphrodite type of man atrophied, while the other developed. Consequently there came into existence after aeons of time, two separate sexes as we know them today. Ever since that time the sex instinct has been part of his material or physical body. It was at this time that the Third Root Race became endowed with the primitive "weak spark," the germ of intelli-

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gence. Up to this time man was without hard bones or skeleton, being a huge shapeless monster, exactly like the animals about him. —9

“The vegetable and animal life continued to develop physically and lose its “shadowy” substance during the Third Root Race. These forms of “shadow” life became composed of more substance and were more definite in outline and action. The rocks, minerals and allied substances which were already formed in plastic state, became harder. The life within the waters of the earth developed more and more of the jelly like substance and forms of life as well as flesh life; new “senses” gradually manifested themselves while old ones began to lose their effectiveness. Life and animals unknown to modern science came into existence, only to pass out in later ages just as the “ethereal shadow” life was replaced by the physical as we know it today. The scientific world is gradually coming to recognize more and more as Edison says, that physical man evolved in shape, functions and nature exactly as vegetables and animal life has done, is doing today, and will do in the future. —10

“During the period that the “egg-born” man continued to be reproduced by this

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method, large animals often damaged these "eggs" or masses containing the gestating "human child." Just as chickens not yet hatched will come from their shells with four legs, two heads or other monstrous deformities if harmed during the period of gestation as usually happens when a giant explosion takes place close by. So deformed and disfigured "human beings" different from the regular type of man, were trying to evolve from these harmed or damaged "eggs" containing the young "human being." This continued during aeons of time that the "egg-born" man reproduced by this method, and as these deformed beings that were once "human" continued to reproduce their kind, monstrous animals of unknown and heretofore unseen shapes and types resulted. As you remember the scientific expeditions sent to Gobi desert early in the twentieth century, by the American Museum of Natural History discovered many specimens of petrified eggs, millions of years old. This was the beginning of the hideous "monsters" of mythology, who really existed at this time. These "human monsters" were only the beginning, as yet man was merely an animal in intellect and instinct, and frequently at a later period of the Third Root Race took his wives from

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among the females of these later deformed human monsters of the day. They brought forth still other "abnormals" and by this process many strange "mythical" monsters continued to develop. The ape of the Fourth Root Race had his beginning in this way, for these deformed "human-animals" are really the "missing link." Instead of man descending from the monkey, the monkey descended from man. This is perfectly clear when we understand these conditions. —11

"Geologically speaking the middle of the Third Root Race lived during the Primary or Palaeozoic Epoch, which is about 42,000 feet below the present surface of the earth; it corresponds to the Permian, the Carboniferous, the Devonian, Silurian and Cambrian Periods; animal life was represented by the reptiles, land vertebrates, huge crocodiles and frog-like amphibians with labyrinthine teeth; insects and conoids or armored fish; huge crustacea and shell-fish, sea-lives; lowest vertebrates, sponges, corals; plant life was represented by giant ferns, calamites, cycads, sea-ferns and fishes. —12

Man as he continued to develop physically and materially, sank so low by the Fourth Root Race that his "ethereal" side became nearly extinct, though there were still those

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who retained a high degree of "spiritual development." Physically the "human race" sank into the depths of the "mire of matter," to a point never before known, breeding monsters and "abnormals" of every kind. This was the turning point in man's animal existence on earth. With this physical fall, man's troubles came as never before. The seasons of the year became more and more marked, and with rapidly failing "divine knowledge" which as an "ethereal" man he had possessed, he found himself becoming more and more dependent upon his own resources. That he might meet these changing conditions, he gradually received a glimmering of intellect and mind, in addition to instinctive animal senses. This increased until the more highly endowed among men, awakened to a realization of this low condition. Later in the Fourth Root Race some men became endowed with intellect to a very high degree, which with the existing "spiritual understanding" or "spiritual third eye" or "intuition," or the "sixth sense" man reached certain phases of the highest mental and spiritual development physical man has ever experienced on earth. —13

"When the Third Root Race begat "animalous off-spring" he gradually became ster-

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ile and in time could no longer reproduce with she-animals. Finally as he became more and more endowed with mind and intellect, he began to break away from this purely animal life that distinguished him from animals. For what is the distinction between them? Man physically was animal with animal instincts alone, up to this period. As mind and intellect developed in some and not in others the "human beings" began dividing into groups. Those with intellect saw the errors of their ways, while those without did not. This was the beginning of the difference in the mental endowment of the "human race" as found ever since and in a marked way in the present Fourth Root Race of today. The animal world never became endowed with the same degree of mind or intellect that the "human animal" did. The animal world represents a step lower, it being that portion of the animal world then living that failed to receive its share of mind endowment, that is still evidenced on every side at this late day. The animal in human shape that did not receive the various "fires" or "swarms" of intellect, remained dumb.

—14

"St. Paul called the world, "the enlightened mirror of pure truth" and St. Gregory

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corroborated Herman by stating that "Things visible are but the shadows and delineations of things we can not see." —15

"The Third Root Race of men were giants from 60 to 70 feet high in the early part of the race and about 25 to 30 feet high, at the later part of the race. —16

"The Third and Fourth Races had no dogmatic religion, no pomp nor ceremony nor any belief nor faith. No sooner had the "mental eye" of man been opened to understanding than the Third Root Race felt itself one with the ever-present, as the ever unknown and invisible All. Endowed with divine powers and feeling himself his inner-God, each felt he was a God-Man in his nature, though an animal in his physical self. The struggle between the two natures began from the very day they realized their relations to the spiritual and also to the physical. Those who conquered the lower principles by obtaining mastery over the body, joined with the spiritually inclined group, the "ascetics." Those who fell a victim to the lower natures became the slaves of matter. Thus the struggle continues to this day, and will to the end of time. —17

"It was the latter Third and early Fourth Root Race that first sacrificed human beings



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to the gods; it was they who worshiped the physical body, and the sexes. —18.

“The first shedding of human blood by man, was when his senses were being opened which enabled him to see that the daughters and wives of his brothers were fairer than his. —19

“Man was the first and highest that appeared in this creation; then came the next higher, and last of all the dumb man who walked on all fours. Then the “third eye” acted no longer because man had sunk into the depth of the “mire of matter.” He was man only in external form, “mindless” and soulless at the time he begat monsters and animals. —20

“The “coats of skin” thickened in the Third Root Race as they “fell” more and more into the physical man, and the intercourse between the physical and ethereal-divine man stopped. The veil of matter between the two became too dense for the inner man to penetrate. This “mist of matter” clouded man’s perception of what was true, real and divine, and he no longer knew that the temporary physical body that decayed and was lost, was only the temple of his “swarm,” and that the true spiritual man made in the Image of God, lived always. Ma-

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terial man was not even the "counterfeit" of his true spiritual self. —21

"The "third-eye," the physical third eye was kept by men of the Third Root Race down to the latter part of the Third Root Race, when the consolidation of the human frame caused it to disappear from the outward anatomy of man. Physically and spiritually however its mental and visual perception lasted nearly to the end of the fourth sub-race of the Fourth Root Race when its functions died out altogether, before the submersion of the last part of the continent of Atlantis, owing to the materiality and depravity that mankind fell into. —22

"The second portion of the Third Root Race should be regarded as the beginning of the truly human race, physically built with solid bones. —23

"Wild beasts devoured mankind and he had to learn to defend himself. —24

"It was during this Third Root Race that man began to take on physical and material qualities in which to house his "shadow" self

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in which physical senses first began to manifest themselves. —25

“Leadbeater and Besant correctly told how during the *first sub-race* of this Third Root Race, man began to perceive physically with human eyes. At first this sight which was still assisted by the “spiritual sight” or perception, enabled him to see anywhere, under any conditions and without limitation. This was natural as everything was still opaque and nothing existed of a material nature sufficiently dense. The rocks, minerals and other life on earth became denser, and as his spiritual sight was being replaced by physical vision, the limitations continued to increase until he could only see within the limited range of “mortal vision,” and he could no longer see through material things, for their opaqueness was gone. —26

“For a long time he could see only one color, white, as all was transparent and opaque, but as matter became more and more dense he began to see the colors of the spectrum, beginning with red at the bottom. As his vision and surrounding objects became

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more material, all the colors of the spectrum in their order were added to his physical perceptions. —27

“The development of the first knowledge of human sight which first manifested itself during the *first sub-race* of the Third Root Race, also brought with it the first consciousness of the sense of touch. As man began to see, he felt. —28

“In the *second sub-race* his faculty of physical sight continued to increase as it did through the Fourth Root Race. In addition to sight, touch manifested itself still more clearly during this second sub-race. These two senses were the only physical senses man had during the second sub-race. —29

“In the *third sub-race*, the first two senses continued to develop, and a third was added, that of hearing. When the sense of hearing first began to manifest itself to physical man, he had the added help of his “spiritual understanding” or perception, which like his sight, was far keener than when it left him to the limitations of his physical sense organs of hearing. At first his sense of hear-

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ing developed to the point where we are told he could even hear a bud, as it broke through the stem of the plant or tree in its effort to get to the sunshine about it. This keenness of hearing of the natural sounds gradually passed away as the physical organs of hearing came more and more into physical power, reaching its limitations as we know it today.

—30

“The *fourth sub-race* continued to develop the three senses already becoming part of physical man, and gradually during this period the sense of smell was added. Up to this *fourth sub-race*, man was as yet so much “spirit” or “shadow” in his makeup, and so little physical that his organs were only manifesting themselves, not yet beginning to function. During the preceding *sub-races* of the Third Root Race he was not dependent upon food and drink for his sustenance, but absorbed from the air or ether or moistures about him the needed sustenance for his type of life. But as his physical organs began to function, he added other senses to those already developing. —31

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“So in the *fifth sub-race* of the Third Root Race in addition to the senses he was already becoming conscious of, the sense of taste was added for he was now beginning to require food for sustenance. Thus did the five senses as we know them in the present Fourth Root Race develop as man developed physically. But as these physical senses grew, his “spiritual sense of perception or understanding” decreased, until it was supplanted by the physical alone. —32

“Men of the *sixth sub-race*, of the Third Root Race were chiefly remarkable for their color. They were no longer black-brown but a blue-black, shading towards the end of the race into a distinct but rather livid blue. —33

“In the *seventh sub-race* these men began to become grey-blue, passing through various stages of grey, until they became a grey-white. —34

“The changes that came over man during the latter part of the Third Root Race demanded that he develop an ability to care physically for his needs. Inventors who had

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the highest endowment of intellect and mind appeared and discovered how to make fire, develop grains from wild grasses, made wine and other things. —35

“Up to the middle of the Third Root Race when man began to develop physically human bodies, life on earth had existed for more than 1,365,800,000 years, in its development of the primitive mineral and vegetable life. From this period to the Birth of Christ a period of 290,100,000 years had elapsed. Since the first truly human sex man first evolved on earth from the “shadow” races of his forbears as we know him today, 18,610,000 years elapsed before the Birth of Christ. He has been endowed with increasing mind and intellect for this period of time. —36

“Towards the end of the Third Root Race the Lemurians gravitated towards the northern part of the world, while the future Atlanteans gravitated southward. —37

“Lemuria perished it is said about 700,000 years before the commencement of what is now called the Tertiary (Eocene) Age. The

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Fourth Root Race followed an actual glacial deluge of the Third Root Race. This cataclysm was produced by internal fires and subterranean convulsions due to astronomical causes. —38

“It was from one of the later *sub-races* of the Third Root Races on Lemuria, that the Fourth Root Race was produced. The seven, *sub-races* of the *fourth sub-race* of the Fourth Root Race that came into being on Atlantis were, 1—Rmoahal, 2—Tlavatli, 3—Toltec, 4—First Tursnian, 5—Original Semite, 6—Akkadian, and 7—Mongolian. —39

“Sir William Thompson, the scientist, said that more than 400,000,000 years elapsed since the earth’s surface cooled sufficiently to permit the existence of life, as we know it today. It must be remembered that life on earth in the first three Root Races was entirely different from that of modern times, and consequently today’s standards can not be applied to the life of yesterday. —40

“A great cataclysm that took place was brought about by the earth again shifting on



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its axis, and "tipping on its side." This caused a change in climatic conditions at the North Pole which until now had been a land of "perpetual spring" where "the waters were tepid." This "shifting of the poles" of the earth, caused a change in climate that brought about cold, ice and snow, for the first time on earth. This cataclysm destroyed most of the Third Root Race that now had physical bodies, by causing the gradual sinking of the continent of Lemuria, this in turn brought new lands to the surface of the seas. Lemuria as a whole rose and sank piecemeal more than a hundred times during its existence of millions of years. The lands destroyed were extensions of the First Continent at the North Pole, sometimes called the "Sacred Continent" which extended towards the equator. These Third Root Race people, the first attempts of nature at building "human bodies," resulted in heterogeneous, gigantic, semi-human-monsters which nearly all died out at this time. During the latter part of this Race, man's gigantic stature decreased, and his body improved in tex-

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ture, and he became a more rational being.  
—41

“The ever blooming lands of the Second Continent were transformed from “Eden” to the “Hypoborean Hades.” This change was due to the displacement of the waters of the globe when the oceans changed their beds, and the bulk of mankind perished. —42

## **THIRD CONTINENT LEMURIA**

### **Chapter 7**

“About the close of the Second Root Race new lands arose above the waters, as described by Blavatsky. The greatest lands on the earth came to the surface. They are now known as the continent of Lemuria, the great Third Root Race continent. —1

“The earliest pioneers of the Fourth Root Race were not Atlanteans nor the human-gods they later became. In those days large portions of the future continent of Atlantis had not come to the surface of the waters. Lemuria was then a gigantic land. It covered the whole area of space from the floor of the Himalayas to Tibet. Up to Mongolia and the great desert of Gobi, in central Asia, from Chittagong westward to Hardvarm and eastward to Assam. From there it stretched south across what is now known as southern India, Ceylon and Sumatra embracing on its way south Madagascar on the right and Australia and Tasmania on the left, and extended down to within a few degrees of the Antarctic Circle. From Australia an island region of the mother continent in those days,

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it extended far into the Pacific Ocean but probably not beyond Easter Island, which lies in Latitude 26 S. and Longitude 110 West. Part of the continent known as the "Mascarene Continent," ran "from Spitzbergen to the Straights of Dover, while most of the other parts of Europe were sea bottom. When Lemuria began to separate and disappear many small continents and large islands were formed for a greater or less length of time. —2

"In this relatively small period, the continent of Lemuria had already been torn asunder in many places, and formed new separate continents. There was neither Africa, the Americas nor Europe in those days. Europe at this time still lay on the ocean bed, also most of Asia, Greenland, Eastern and Western Siberia however then existed in part at least. The immense continent which had once reigned supreme over the Indian, Atlantic and Pacific Oceans now consisted of high islands which were gradually disappearing one after the other, until the final convulsions engulfed the last remaining portion of it. Easter Island belongs to the early civilization of the Third Root Race. Ages later still untouched with its volcano and statues through the Champlain epoch of the north-

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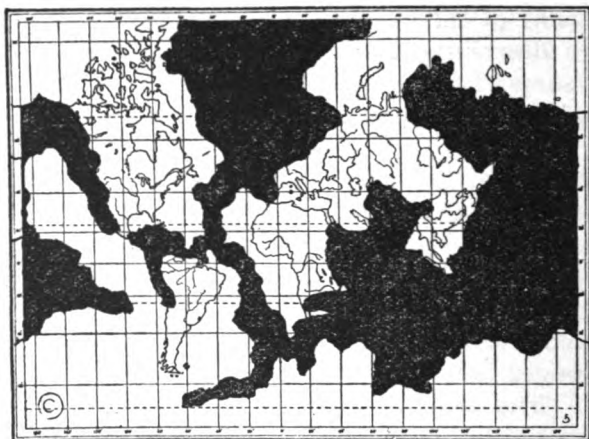
ern polar submersion, it is a mighty witness today of the existence of Lemuria. Haeckel in describing Lemuria and its people said, "some of the Australian tribes are remnants of the Third Root Race \* \* \* —3

"\* \* \* The home of the Third Root Race was Lemuria. It was located east and west as far as where the two Americas now exist. The present Australia is a portion of it, also a few surviving islands scattered hither and thither on the face of the Pacific and a large bit of California, which also belonged to it \* \* \* —4

"The sinking and transforming of Lemuria began almost at the Arctic Circle (Norway) and the Third Root Race ebbed into a new career on Lenha or rather on that which became Lanka with the Atlanteans. The small remnant now known as Ceylon in the northern highlands of ancient Lanka, and the enormous island of that name was, in the Lemurian period, part of the gigantic continent. —5

"Lemuria served as the cradle of the Third Root Race embracing vast areas of the Pacific and Indian Oceans, extending in the shape of a horse-shoe past Madagascar, round South Africa then a mere fragment in the process of formation through the Atlan-

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MAP NO. 5—LEMURIAN CONTINENT, OR THIRD ROOT RACE CONTINENT, AT ABOUT 500,000,000 B. C.

tic up to Norway. The great English fresh water deposit called the Wealdon, which every geologist regards as the mouth of a former great river, is the bed of the main stream which drained Northern Lemuria in the Secondary Age. The former is really the outlet of this river in the Secondary Age in Northern Lemuria. Australia and Europe have been considered by authorities for ages as part of a former continent which merely confirm the horse-shoe shape of Lemuria already mentioned. The elevated ridge in the

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Atlantic ocean, 9000 feet high running some two or three thousand miles southward from a point near the British Islands, first slopes toward South America, then skirts at right angles in a southwesterly line towards the African coast, whence it runs southward to Tristan d'Acunda. This ridge is a remnant of the Lemurian continent and would if traced farther, show the exact line of the horse-shoe of the former continent in the Indian Ocean. —6

“The Fourth Root Race Atlanteans were developed from the nucleus of Northern Lemuria's Third Root Race men, centered roughly speaking towards a point of land in which is now mid-Atlantic ocean which was forced into separation by upheavals in the ordinary course of time, and became ultimately the true home of the great race known later on as the Atlanteans. —7

“A complete record of the growth, development, social and political life of the Lemurians it is understood, has been discovered, but unfortunately it has never been transcribed and published. Various remaining evidences in stone are scattered about the earth. Probably the most interesting is that of five stone monuments or statues in India, the tallest of which is 173 feet high, which

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PARTIALLY BURIED GIANT STONE STATUES ON  
EASTER ISLAND.

represents the early First Root Race, the second statue is 120 feet high, which represents the Second Root Race, the third measures 80 feet high and represents the Third Root Race or the first physical race of man, and the fourth twenty feet high representing the late Third Root Race, while the fifth is about five feet high and represents the present period and future races. In Easter Island many giant statues, from 27 to 32 feet high, have also been discovered and ably described by Blavatsky and others. —8

“You remember that interesting description by W. Scott-Elliott of Lemuria, in which por-



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tions of Japan were shown to have been above water either as an island or portions of a continent (since the date of the Lemurian map No. 7). Spain also was shown to be as old as Japan, also California and adjacent lands to it. Spain is therefore with the exception of the most northerly parts of Norway and Sweden the oldest land in Europe. —9

“ \* \* \* and Haeckel is perfectly correct in saying that the islands of Great Britain and Ireland, which were then joined together have repeatedly been connected with the European continent and been repeatedly separated from it. —10

“It will be seen then according to Haeckel, that Lemurian man lived in the age of reptiles and pine forests. The amphibious monsters and the gigantic tree-ferns of the Permian age still flourished in the warm damp climates. Plesiosaurs and Ichthyosaurs swarmed in the tepid marshes of the Mesolithic epoch, but with the drying up of the many inland seas, the Dinosaurs—the monstrous land reptiles—gradually became the dominant type, while the Pterodactyls—the Saurians which developed bat-like wings—not only crawled on the earth, but flew through the air. The smallest of these latter

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PREHISTORIC ANIMAL LIFE, MILLIONS OF YEARS AGO

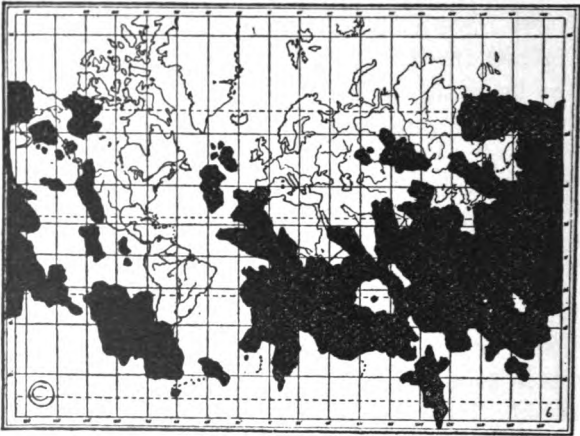
were about the size of a sparrow ; the largest however with a breadth of wing of more than sixteen feet, exceeding the largest of our living birds of today ; while most of the Dinosauria—the Dragons—were terrible beasts of prey, colossal reptiles which attained a length of from forty to one hundred and fifty feet. Subsequent excavations have disclosed skeletons of even larger size. Prof. Ray Lankester at a meeting of the Royal institution in England in 1904 reported a Brontosaurus skeleton of sixty-five feet which had been discovered in the Oolite deposit in

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the southern part of the United States. —11

“W. Scott-Elliott also interestingly described the Lemurian men who belonged to the later sub-races, probably the fifth of the Lemurian age, whose stature was gigantic \* \* \* His skin was very dark, being of a yellowish brown color. He had a long lower jaw, a strangely flattened face, eyes small but piercing and set curiously far apart, so that he could see sideways as well as in front, while on the back of the head coarse, hair grew \* \* \* . He had no forehead, but there seemed to be a roll of flesh where it should have been. The head sloped backward and upward in a rather curious way. The arms and legs, especially the arms, were longer in proportion than ours, and could not be perfectly straightened either at the elbow or knees; the hands and feet were enormous, and the heels projected backwards in an ungainly way. The figure was draped in a loose robe of skin something like rhinoceros hide, but more scaly, probably the skin of some animal which is known to us only through its fossil remains. Around his head, the hair was quite short. \* \* \* He doubtless carried a sharpened stick for defense or attack. \* \* \* In his hand was twisted the end of a long rope made of some

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MAP NO. 6—LEMURIAN CONTINENT ABOUT 375,000,000 B.C.

creeping plant, by which he led a huge and hideous reptile, somewhat resembling the Plesiosaurus. The Lemurians actually domesticated these creatures, and trained them to employ their strength in hunting other animals. The appearance of the man gave an unpleasant sensation, but he was not entirely uncivilized, being an average commonplace specimen of his day. —12

“Many were even less human in appearance than the individual here described, but the seventh sub-race of the Lemurians devel-

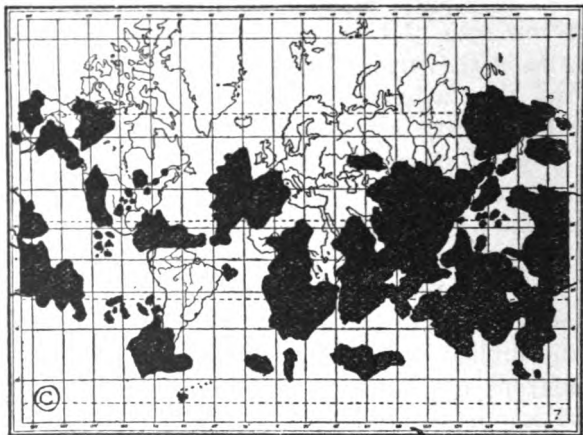
## PAST, PRESENT AND FUTURE

oped a superior type, though very unlike any living men of the present time. While retaining the projecting jaw, the thick heavy lips, the flattened face and uncanny looking eyes, he had by this time developed something which might be called forehead, for he was now becoming endowed with mind and intellect, while the curious projection of the heel had been considerably reduced. \*

\* \* The stature was perceptibly decreased and the appearance of the hands and feet and limbs had become more like those of the negroes of today. These people developed an important and enduring civilization, and for thousands of years domesticated most of the other tribes who dwelt on the last Lemurian continent. —13

“It was these higher type men of Lemuria who through intermarriage with the Rmoahals, an early sub-race of the Atlanteans who followed the Lemurians, secured for their progeny some of the coming characteristics of the advancing man, but they were not able to throw off all of the characteristics of the Third Root Race in their descendants. Their general appearance was not unlike some of the American Indians, except their skins had a curious bluish tinge, not apparent now. —14

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MAP NO. 7—LEMURIAN CONTINENT ABOUT 200,000,000 B.C.

“During the latter part of the *sixth* and *seventh sub-races* of the Third Root Race, the Lemurians learned to build great cities. These appeared to have been Cyclopean in architecture, corresponding to the gigantic bodies of the race. The first cities were built on that extended mountainous region of the continent which included the present island of Madagascar. Another great city about thirty miles west of the present Easter Is-

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BAGNEUX'S FAMOUS DOLMEN, BRITTANY.

land, was built entirely of blocks of lava.  
—15

“Most of the Lemurians met their doom chiefly by fire and suffocation, which slowly ate away the internal structure of that great continent and spouted volcanic fires and gases during long ages. —16

(Reference to Lemurian map No. 6 will show that) “in the lake lying to the south-east of the extensive mountainous region was an island which consisted of a little more

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than one great mountain. This mountain was a very active volcano. The four mountains which lie to the southwest of the lake were also volcanoes. And in this region the disruption of the continent of Lemuria began. The seismic cataclysms which followed the volcanic eruptions caused wide spread damage (which by the period of map No. 6, shows a large portion of the southern part of the continent to have been submerged.) —17

“A marked characteristic of the land surface in early Lemurian times was the great number of lakes and marshes as well as innumerable volcanoes. Earthquakes completed the final disruption of Lemuria, and it ceased to exist as a continent. —18

“Sweden and Norway formed part of the ancient Lemurian continent, and also of Atlantis on the European side while eastern and western Siberia and Manaschtrika belonged to it on the Pacific. —19

“After the continent of Lemuria in its later period first began to break up, a portion of it in the Pacific Ocean bordering on



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the northern Asiatic coast, reaching nearly to Alaska and extending to the equator remained for ages. This separated continent was known as *Pan*. —20

“No serious internal geological changes or cataclysms have taken place for more than 120,000,000 years as the earth’s crust had hardened long before that time. —21

“Lemuria began to disappear during the Elemental Tertiary Period and continued for long ages. —22

“The Third Root Race is estimated to have existed for a period of about 542,980,000 years, or 24 million years more than the Second Root Race, and thirty-three million years less than the First Root Race. —23

“Geologically, the end of the Third Root Race corresponds to the Secondary or Mesozoic Epoch, deposited about 15,000 feet below the surface of the earth today. It corresponds to the Cretaceous, Jurassic or Cretaceous or Triassic Period. Animal life was represented by bony skeletonous fish, large

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mammalia, huge bird reptiles, sea-lizards, marsupialia and mammals. Plant life by cone bearing plants, firs, palms, and pines. —24.

## **FOURTH ROOT RACE**

### **Chapter 8**

“In the Third, and initial period of the Fourth Root Race, evolution of the human kingdom was not uniform. The egg-like external shell of the “Sweat-born” man in which the future “physical men” gestated, was often tampered with before developing sufficiently, by huge animals of species now extinct. So, with these egg-like vehicles containing the growing “human being,” the development of the intended type was often interfered with, and the forthcoming “human being” instead of being normal was developed along lines not originally intended by nature. Frequently the “abnormals” as we might call these deformities, took the shape or appearance of new types of man and even animals. Most of them died or were killed, but many developed and continued to create other monsters. This brought into the world many new species of animals such as the combination of man and animal of which many varieties are known. The “goat-man” or satyr, the “mermaid” and even men with two heads or even sometimes four or more, and with faces on var-

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ious sides of the head and many monsters that have never been mentioned in mythology, but which existed during this period. Lillith, the first wife of Adam whose second wife was Eve, married Samael, and by him it is said became the mother of insects and flies. She could "walk on the air;" in other words, had wings. There were also the "Ohaidres," "winged men," the same "abnormals" in breed as Lillith. —1

"Many of these "abnormals" in time developed external sex organs. The so called man of that day, lacking the "spark" of intellect and understanding often made monstrous "she-animals" his wives. This resulted in a further degeneration of "man" who knew no better, not being endowed with MIND, and the ultimate physical "Fall of Man" resulted. However man began to awaken through the inception of intellect and understanding, for he had now fallen from spirit to the lowest depths possible in the "mire of matter." The spiritual side had practically become submerged in most of this Third Root Race. —2

"From the beginning of the "shadow" man on earth, to the period in the Third Root Race when the physical as designated from the spiritual "Fall of Man" took place, there

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had been a gradual materialization of man, and submersion of the original "spiritual self" until he sank out of sight in the depths of the "mire of matter." This was man's period of Involution physically as the more spiritual self was being crowded inward by the outward physical form. From this turning point material Evolution has since continued to take place in man. Man's fall spiritually as differentiated from his fall physically, continued until the Adam and Eve period, about 5300 B. C. To that point Involution took place. Since then Evolution has been going on. With the re-awakening that followed he has ever since been ascending and is regaining an understanding of the "spiritual nature" and perception which will be complete at the close of the future Seventh Root Race on earth. —3

"When the final great cataclysms came, and Lemuria, the greatest continent the world ever knew, began to break apart because of volcanic activity and sink beneath the waves, most of the Third Root Race and these "abnormals" of nature, died. Following the Lemurian cataclysm most of the future Fourth Root Race started anew from the highest type of the passing race. —4

"Some of the Third Root Race who held

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over to the Fourth Root Race, continued to beget strange types. But gradually these passed away excepting the giant men who were their descendants. This race of giants which mythology called "Gods," or "God-men," were of a superior physical and intellectual type, having gradually arrived at the point of great mind endowment and a high degree of intellect. It was this special endowment that distinguished man at this time from the animal men about him possessing only *instinct*. These giant men in physique and intellect began to recognize their "spiritual" ability to understand and know the laws of nature without learning. This "inborn knowledge" and understanding enabled them to recognize their physical nature as well, and a conflict developed between the two natures. Those who conquered their bodily nature, developed into the greatest race of men mentally, scientifically and spiritually the world has ever known, since human physical bodies clothed the "shadow-man." Those of the Fourth Root Race who did not have this "spark" of intellect, or

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failed to use it, gradually sank again into the "mire or matter" and begat from "she-animals" dumb creatures, which became the posterity of the ape and monkey of the present Fourth Root Race. Shortly after this man and animal became sterile and unable to continue to produce "abnormal" offspring as described by Leadbeater and Besant. The Red and Blue races of men were finally destroyed from the earth. —5

"These Red and Blue men who first came into being as a result of the early mating of man and animals, continued as such only by descent, for ages after. But they were a very low type of man being red-haired, swarthy men who ran on all fours and stood erect on their "hind feet" to look about them, again falling to their feet when they ran. "They spoke as their forefathers did" we are told, by grunts and not by speech of man who was now developing mind and intellect. —6

"Cross-breeding of man and animals discontinued, for man became intelligent while animals remained as before, and sterility

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prevented further attempts at cross mating. As man discontinued to mate with animals he began to worship the physical body. This in later ages developed into phallicism, or sex-worship. —7

“In developing the religious worship of the human body during this period, man made stone and other images of himself. These he made usually according to his own proportions and size. It was these “Cyclopean” men or giants who made the great statues of themselves and builded great cities and buildings, the ruins of which are found to this day in various parts of the world. —8

“Speaking of these giant Atlanteans, Creuther described them well when he said: “These children of Heaven and Earth (with spiritual and material natures) were endowed at birth by the Sovereign Powers (God), the author of their being with extraordinary faculties both moral and physical. They commanded the Elements (knew the laws of nature and how to apply them), knew the secrets of heaven and earth, of the



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sea and the whole world, and read futurity in the stars \* \* \*. It seems, indeed as though one had to deal when reading of them, not with men as we are, but with the Spirit of the Elements sprung from the bosom of Nature and having full sway over her \* \* \*. All these (super-men) were marked with a character of Magic and Sorcery \* \* \* (understood the laws of nature and how to make use of them beyond present day knowledge)."

—9

"In this connection it is of interest to know that some of the sciences and arts developed by the Atlanteans of a later date were far in advance of those of our day. They had flying machines utilizing forces which we have not yet conquered. They had electricity using the "ether waves" to transmit power and light and many things we have as yet to re-discover. Descriptions given of those giant men of the middle and early Fourth Root Race are not exaggerated in the least. —10

"In the beginning of the Fourth Root Race the discernment of intellect and mind de-

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veloped. When they had their eyes thus opened and understood, they began to see that the wives and daughters of their brethren were more fair to look upon than their own, and they conquered and slew many of them and took their wives for their own. This was the first shedding of human blood by man. —11

“The first animals as they developed into the physical, had but one eye which might be called the “third eye” or the “sixth sense” which when they became material enough, developed into a physical eye, and gradually was replaced by two eyes. In man the “third eye” was what might now be called “intuition” or “spiritual discernment.” It slowly disappeared from the location of the original physical eye in the middle of the forehead, now known as the Pineal Gland, located in an opening between the two eyes. As this “third eye” became atrophied the “spiritual” sense deadened and the later Atlanteans made use of it only by careful development. Today it is the “third eye” that

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manifests in trances, spiritualistic seances and visions. The so called myth of the "Cyclops" had an actual foundation *in the first physical eye* of man and animal. —12

"In the late Third or early part of the Fourth Root Race, man began to complete the development of separate sexes. The hermaphrodite man having both sex organs at or near the surface of the body, gradually developed one sex or the other to a more marked degree than formerly, and finally the organs of one sex or the other slowly began to disappear in one person or another, until the two separate sexes came into existence as male and female. This was the condition when the Fourth Root Race became well established. —13

"During the evolution of man in the Third Root Race the physical sense of sound, touch, color, taste and smell were finally developed. Man still had the "sixth sense" manifesting within him to a noticeable degree. —14

"Speech as we know it developed for the

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**first time in the changing "human being,"  
and was perfected in its earlier form during  
the early Fourth Root Race." —15**

## **FOURTH ROOT RACE CONTINENT**

### **ATLANTIS**

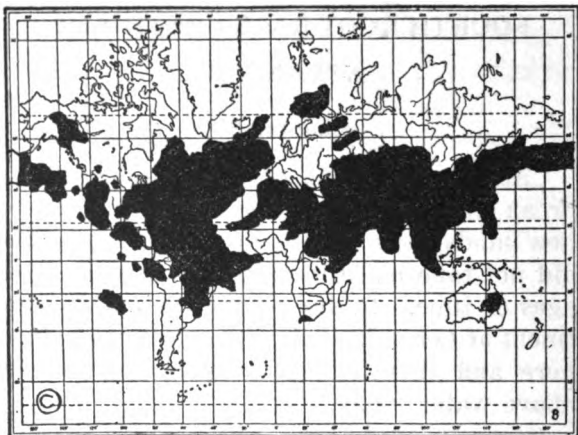
#### **Chapter 9**

**“As the continent of Lemuria began to break up and settle down into the waters, new lands were forced to the surface; this did not take place immediately, but covered ages of time. In due course the entire continent of Lemuria sank with small exceptions here and there, and few portions remain above water today. —1**

**“Atlantis, the new continent that became the home of the new Race of human beings, gradually rose to the surface. It is not known where or in what manner various portions of it first came into existence, but we find it in its completed shape to be a very large body of land, covering considerable of the present Atlantic ocean, practically all of North America and South America and a large portion of Europe, northern Africa and Asia. All of this did not become part of this vast continent at one time, but developed by degrees. —2**

**“How long Atlantis remained as a continent in its largest porportions is not definite-**

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**MAP NO. 8—ATLANTIS, FOURTH ROOT RACE CONTINENT FROM ABOUT 1,000,000 TO 750,000 B. C.**

ly known, (as shown on map No. 8.). But it remained so for millions of years, Then, when the Earth again began to have internal troubles Atlantis began to disintegrate as Lemuria had done, (map No. 9), first by breaking up into large islands or continents, with expanses of ocean between them. This action continued until portions of Atlantis disappeared and new lands began to come to the surface in Africa and western Europe and Asia, even in South America and in portions of North America which before had

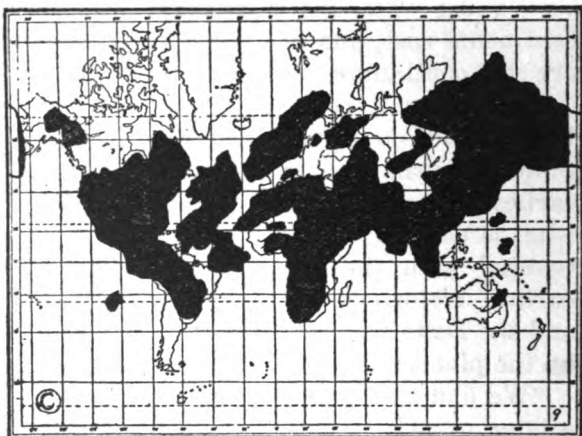
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been under water while lands on both these continents rose, and in many other locations are still continuing to do so. —3

“Africa as a continent appeared before Europe did; nevertheless it appeared later than Lemuria and even earlier than the earliest Atlantis. That the whole region of what is now Egypt and the desert, was once covered with the sea was well known to earliest historians, as well as to geologists, and the Delta was the first country occupied by the pioneers. —4

“We find that the continent of Atlantis at a later period, (see maps No. 9 and 10) began on the north where Alaska was later situated extending across to Hudson Bay, following the Arctic Ocean just below the southern portion of Greenland, connecting with the “Dolphin’s Ridge” in mid-Atlantic, then swinging south to the “Connecting Ridge,” where it extended towards the eastern coast of South America where Brazil was located, then followed the eastern shore more or less, along South America to about the La Plata River, again northwest to the Pacific coast and up this coast to a point close to Panama which at that time was an opening into the Pacific Ocean that led eastward into the Caribbean Sea and Gulf of

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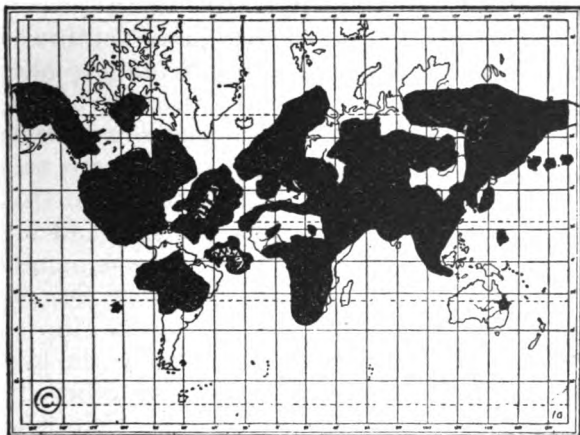
MAP NO. 9—ATLANTIS, FROM ABOUT 750,000 TO 200,000 B. C. WHEN IT BEGAN TO BREAK UP, LEMURIA HAVING PRACTICALLY DISAPPEARED BY THIS TIME.

Mexico, and over what was Florida, into the body of water which was known as the Caribbean Sea. —5

“The inland sea within the confines of the continent of Atlantis, swung back to its east-side, southwest against the ridge known as the West Indies Islands, touching the neck of land connecting the portion of Atlantis in the ocean, to South America, but this time on the west side of this connecting land. On the other side of the ridge it again swung north to about Latitude 45 degrees N., then



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MAP NO. 10—ATLANTIS, FOLLOWING CATASTROPHE OF 200,000 TO 80,000 B. C. WHEN RUTA AND DAITYA SEPARATED, BECOMING LARGE ISLANDS.

swung along the south side of the portion of the land which connected the mid Atlantic portion of Atlantis to Newfoundland and Labrador, then southeast following closely what was the Atlantic coast of the United States, across Florida, around the northern and western portion of the Gulf of Mexico, and out into the Pacific ocean through the opening of Panama, then on up the coast of Central America, Mexico and the western coast of the United States to Alaska. —6

“From Hudson Bay a large open body of

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water extended south about where Nelson River entered Hudson Bay, and continued southward through what was Winnipeg lake, down into the great central portion of the United States, almost to the northern portion of the Gulf of Mexico. It may be there was a connection with the Gulf of Mexico at this time, but that is not known. This inland sea in the center of the United States was named by Prof. I. N. Vail, the Millerian Sea in honor of Morris Miller who showed him its boundaries geologically, confirming its history. The Millerian Sea included generally what was known as the Dakotas, Colorado, Nebraska, portion of New Mexico and Arizona, Oklahoma, Texas, Arkansas and north more or less along the eastern side of the Rocky Mountain range up to Hudson Bay, while on its eastern shore, it extended its line to the Great Lakes as its northern boundary from Lake Superior, running east into Ohio, possibly farther east, then south to a line somewhat north of the Gulf of Mexico whence it swung about towards the Rocky Mountains on the west." —7

# ATLANTIS

## Second Stage

### Chapter 10

“When the surface of the land began to change its appearance, (as shown on map No. 11), and old lands began to sink and new ones rise, Atlantis as just described, was materially changed. We find that beginning on the western shores of Hudson Bay and following south through the Millerian Sea to the northern portion of Texas, a change was found in the earth’s surface, where it had sunk permitting the waters within the Millerian Sea, as described by Prof. Vail, to connect with the Pacific Ocean through what was known as the Gulf of California. This isolated Mexico and Central America from North America. —1

“In the northern part of Texas the southern boundary of the Millerian Sea, another change had taken place allowing waters of the Millerian Sea to connect with the Gulf of Mexico. As Central America was severed from South America by the neck of water connecting the Caribbean Sea with the Pacific, it made of Mexico and Central America a

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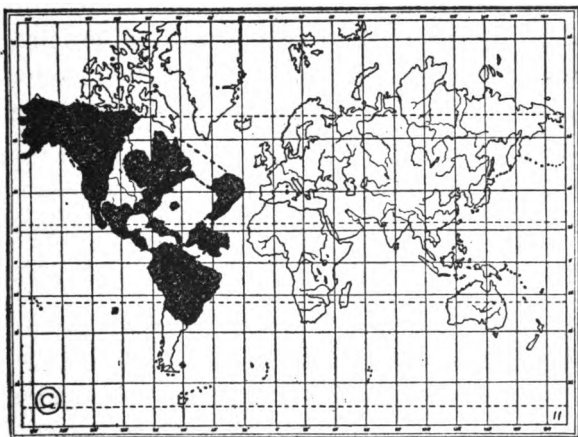
large island or small continent. We will call it the Mexican Continent. —2

“Up the western coast of North America to Alaska with water along its eastern side from the Pacific to the Hudson Bay, thence west around its northern portion on the shore of the Arctic Ocean, it turned south at this changed period through waters that now sever Alaska from Siberia and Asia for the first time, making of this vast area a continent of large proportions. This we will name the Californian Continent. —3

“Crossing Hudson Bay beginning at the northwestern point of land, leading east along the northern shore of Labrador including Newfoundland, west again along what was known as the St. Lawrence river, through the Great Lakes to Lake Superior, water connected with the northern portion of the Millerian Sea in the heart of the United States, then going north along this water to the Hudson Bay and up its eastern shore, it made a small continent or large island of that land. This we will name the Canadian Continent. —4

“Another large island or continent formed south of the St. Lawrence river, on the eastern coast of the United States extending to the northern portion of Florida, then nearly

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MAP NO. 11—ATLANTIS ABOUT 75,000 B. C. SHOWING ONLY THE PORTION EXISTING IN THE WESTERN HEMISPHERE AT THE TIME.

west of the Mississippi river, then north more or less following the Mississippi, and east inland along the shore of the Millerian Sea up to the Great Lakes and on to Lake Superior, then east through the Saint Lawrence river out to the Atlantic Ocean. This we will name the Indian Continent. Bermuda of a later day, was a smaller body of land than at that time. —5

“Embracing practically all of Brazil and its adjacent western and northern states of this day along the Caribbean Sea, around

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Cape St. Roque and on down the eastern shore of South America to Rio de Janeiro, thence in a western direction to the Pacific Ocean, and up north along the Pacific coast to the channel of water crossing what was Panama, another large island or small continent formed which we will name the Brazilian Continent. —6

“The land connecting the eastern coast of Brazil, with land in the Atlantic ocean became severed from the coast of Brazil, and just about the Equator on the north water crosses what was previously part of the continent, forming another smaller continent or island that stood in the center of the “connecting Ridge” in mid Atlantic. This was the Island of Daitya. —7

“The waters that severed the land on the north from the adjacent country formed a portion of land, a continent of considerable size almost in the very center of the Atlantic Ocean, for on its north at about 45 degrees Latitude, all the land sank between it and the coast of Labrador and Newfoundland.

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This is the recently lost Continent of Atlantis also known as the Island of Ruta. —8

“These were the seven islands that are mentioned in history as forming the “Continent of Atlantis” during its latter period of existence, though it represents only about one half of the entire area of Atlantis at the period of its greatest development. —9

“In time further changes took place on the surface of the earth, and that portion of land, the Island of Daitya just off the eastern coast of Brazil sank, leaving the large portion to the north of it, which was for ages known as the White Island or Poseidon (as is shown on maps 11 and 13). —10

“Eventually most of this large land sank but the very southern portion which remained until comparatively recent times, when in 9564 B. C. all but the southern tip disappeared beneath the waters. During the intervening period from the time that the breaking up of Atlantis began, to its close, changes came over other parts of the world. Among them was the rising of land in the

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Western Hemisphere completing the two continents as we knew them up to two hundred years ago, and the completion of the development of Africa which was only beginning to come to the surface when Atlantis was in its prime. Portions of western Europe began to rise, also parts of central and western Asia, portions of which are part of the preceding continents that have existed since land first appeared. —11

“The last ruction of Atlantis so clearly set forth by W. Scott-Elliott, was accomplished by a series of catastrophes varying in character from great cataclysms, in which whole territories and populations perished, to comparatively unimportant landslides such as occur on our own coasts today. When the destruction was once inaugurated by the first great catastrophe, there was no intermission in the minor landslides which continued slowly but steadily to eat away the continent. The first took place in the Miocene age, about 800,000 years ago. The second, which was of minor importance, occurred about 200,000 years ago, leaving the remnants of islands,



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known as Ruta and Daitya. The third, about 77,000 years ago was a very great one. It destroyed all the remainder of the Atlantean continent, which in its turn was submerged in the fourth and final catastrophe of 9564 B. C., leaving only the southern point of the remaining continent of Poseidon, a small island about 350 by 250 miles in extent, that finally sank beneath the waves in 7394 B. C.

—12

(Map No. 5 represents the land surface of Atlantis as it existed about a million years ago, but does not show the other land existing on earth at that time, when the Atlantean race was at its height and before the great submergence that took place about 800,000 years B. C.) “The continent of Atlantis itself, extended from a point a few degrees east of Iceland almost to the site now occupied by Rio de Janeiro in South America, embracing Texas and the Gulf of Mexico up to and including Labrador. It stretched across the ocean to Scotland and Ireland and a small portion of the north of England formed one of the promontories—while its

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equatorial lands embraced Brazil and the whole stretch of ocean to the African Gold Coast. Scattered fragments of what eventually became the continents of Europe, Africa and America as well as remains of the still older and once wide spread continent of Lemuria, (as will be seen from map No. 6), the catastrophe of about 800,000 years ago, caused great changes in the land distribution of the globe. The great continent is now shorn of its northern regions, and its remaining portions have been rent still further. The newly growing American continent is separated by a chasm from its parent continent Atlantis, and this no longer comprises one of the lands now existing, but occupies the bulk of the Atlantic basin from about 50 degrees north, to a few degrees south of the equator. The subsidence and upheavals in other parts of the world have also been considerable—the British Islands for example, became part of a huge island which embraced the Scandinavian peninsula, the north of France, all the intervening, and some of the surrounding seas. The dimensions of the

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remains of Lemuria it will be observed, have been further curtailed, while Europe, Africa and America received accretions of territory.

—13

(Map No. 10 shows the result of the catastrophe which took place about 200,000 years ago.) “With the exception of the rents in the continents of both Atlantis and America and the submergence of Egypt, it will be seen how relatively unimportant were the subsidences and upheavals at this epoch. Indeed the fact that this catastrophe has not always been considered as one of the great ones, is apparent from the quotations already given from the sacred book of the Guatemalans—three great ones having been mentioned. The Scandinavian islands appeared now as joined to the mainland. The two islands into which Atlantis was now split were known by the names of Ruta and Daitya. —14

“The stupendous character of the natural convulsions that took place about 800,000 years ago are apparent (from map No. 11). Daitya, the smaller of the islands, has almost entirely disappeared, while the relatively

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small island of Poseidonis was all that remained of Ruta. This shows conditions existing about 75,000 years ago and doubtless represents the land surface from that period onward till the final submergence of the large island of Poseidonis in 9564 B. C., though during that period many minor changes took place. It will be noted that the land outlined had begun to assume roughly the appearance of today, though the British Islands were still joined to the European continent, while the Baltic Sea was non-existent and the Sahara Desert then formed part of the ocean floor." —15

# GLACIAL CATASTROPHES

## Chapter 11

“The question of how many glacial periods have come to this earth in recent times is one that probably will never be known. However three of large proportions have come to the attention of the investigating world. The first and probably one of the worst took place about three million years B. C. that nearly eliminated human and animal life from the globe. Again about 800,000 to 850,000 B. C. another glacial catastrophe took place, and the one about which geologists are so confused, followed with proportionate severity. There have been many lesser events on earth causing their respective harm or affecting life and conditions, but these minor ones will not be considered now. —1

“We will take up the glacial event that is so evident on earth today, the last big catastrophe of its kind that left its traces on half of the globe, and climatically affecting the future. —2

“The tremendous heat required to bring about conditions that reacted to cause the glacial state of the last period, was neither internal nor from the sun nor from tropical

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conditions, but was caused by the burning heat that was suddenly thrown upon the earth by a comet of unprecedented size, which caused almost instantaneous evaporation of the water in streams, lakes and a great portion of the oceans. This arose in dense clouds of vapor, later falling in continuous deluges when condensation began. As this fell again to earth it turned to snow and ice, quickly overtaking all forms of life, with a tremendous coating of snow and ice. This coating of ice covered the world in such a way as to change the entire climatic conditions from a semi-tropical earth as it was at the time, to one of ice and cold. This ice coating in places was thousands of feet in thickness. This catastrophe took place so suddenly that a great deal of life became embedded in it. These remains we find to this day. In proof of the suddenness with which the world was engulfed in ice, it was recently found that flesh from some of the mastodons embedded in the ice was edible. This could only result if they were engulfed so quickly that their bodies did not have time to decompose. —3

“The tail of a great comet swept past the earth, causing the earth to rush through its tail; all was over in a few hours. The side

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of the earth facing the approaching sweep of the comet's tail is the side upon which the glacial drift is found. As the earth shot through the tail tremendous amounts of rock, stone, gravel, sand and dust were impinged upon the surface of the earth facing the tail, all of which swept into the low places on the earth's surface, with slight touches only on the mountain tops. —4

“Existing life on earth covered by this tremendous downpour of material has preserved the evidence which proves all this; also man's part on earth at the time. —5

“Where could a wave of water come from large enough to sweep over the tops of the highest mountains, and over one half the earth, that could carry with it such a vast amount of material of the nature found in the glacial drifts; how could such a wave of water freeze into an ice sheet over the earth, thousands of feet in thickness before it ran back into the hollows it came from? How could icebergs come into existence over such a large portion of the earth and carry with them the tremendous deposits found in the glacial drifts? How could glaciers which are merely the frozen contents of valleys, cover half of the earth and carry with them the material found in the glacial drift?

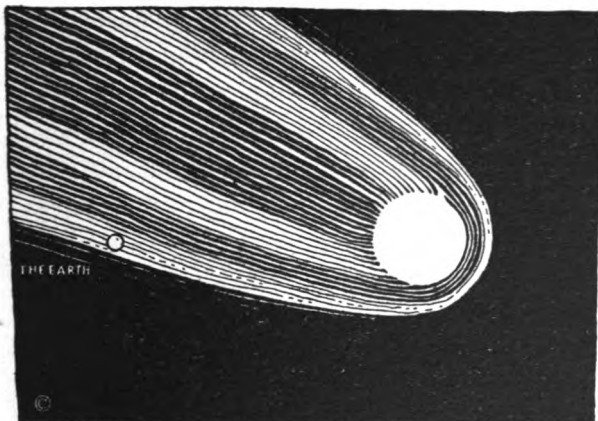
## MAKER, MAN AND MATTER

Where would they come from? Likewise, icebergs, and carry with them the tremendous deposits of rocks, sand, gravel and other elements that have been spread over so much of the surface of the earth? From whence could a continental ice sheet come to cover half of the earth? It came from somewhere. How could it pick up and deposit what it did, when we know that icebergs, glaciers and other ice will not carry such materials in quantities? It could not and did not come by any of these means, but was caused by a visiting comet that missed the earth in its passage, but whose tail surrounded it for a very short time; long enough to change the entire life upon earth. —6

“As the comet disappeared and the earth cooled off, intense cold suddenly spread over it. The sun being completely hidden by the vast vault of clouds overhead, and by the sudden downpour of rain, snow and ice in great torrents, continued as a deluge for a long period of time. Animal life that was engulfed in this as the cold became intense and the ice formed, was encased in it for ages to come. In time the rains ceased, the sun shone, the temperature on earth again increased, and the ice began to melt, and in due course the earth bloomed again. —7



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GIANT COMET, PASSING OUR EARTH.

“One must realize the vastness of a large comet and its tail. The great comet of 1843 A. D., possessed a tail one hundred and fifty million miles long which would reach from the earth to the sun, and more than fifty million miles beyond. It swept this gigantic appendage round through the heavens in two hours time, describing an arc of a circle six hundred million miles long. Does it not give one something tremendous to think of? —8

“Donnelly aptly put it, when he described this event, as you probably remember. —9

“Imagine such a creature (referring to the

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comet of 1811) as this, with a head fifty times as large as the moon, and a tail one hundred and sixteen million miles long, rushing past this poor little earth of ours, with its diameter of only seven thousand nine hundred and twenty-five miles! The Earth, seven thousand nine hundred and twenty-five miles wide would simply make a bullet hole through that tail, fourteen million miles broad, where it passed through it!—a mere eyelet-hole, a pin-hole—closed up at once by the constant movement which takes place in the tail of the comet. And yet, in that moment of contact the side of the earth facing the comet might be covered with hundreds of feet of debris. —10

“\* \* \*This Drift fell at once.” If it had taken twenty-four hours in falling every side of the earth would have been covered by it. This was not the case. And this is in accordance with what we know of the rapid movement of comets. They travel as I have shown, at the rate of three hundred and sixty-six miles per second; that is equal to twenty-one thousand six hundred miles per

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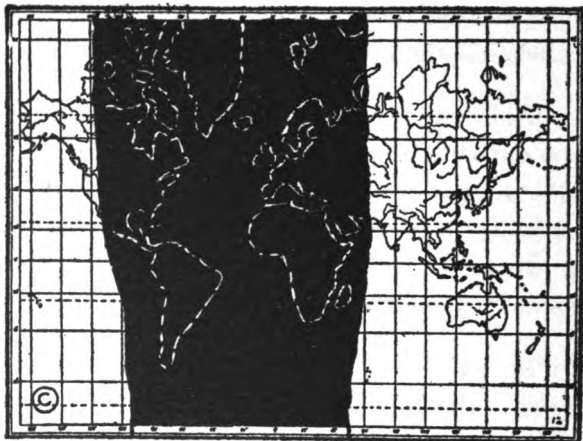
minute, and one million two hundred and ninety-six thousand miles per hour;—11

“And this accords with what we know of the deposits on the drift. It came with terrific force. It smashed the rocks; it tore them up; it rolled them over on one another; it drove its material into the underlying rocks; it indented it into them \* \* \*. —12

“It was accompanied by inconceivable winds—the hurricanes and cyclones spoken of in many legends. We find the loose material of the original surface gathered up and carried into the drift-material proper; hence the drift is whirled about in the wildest confusion. It fell on the earth like a great snow storm driven by the wind. It drifted into hollows; thin or entirely lacking over the tops of hills; it formed tails, precisely as snow does on the leeward side of obstructions. Glacier-ice is slow and plastic, and folds around such impediments and wears them away; the wind does not. —13

“\* \* \* Try to grasp the meaning of all this

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MAP NO. 12—SHOWING GEOGRAPHICAL DISTRIBUTION OF THE GREAT GLACIAL DRIFT

description \* \* \* Look out at the scene around you. Here are trees fifty feet high. Imagine an instantaneous descent of granite sand and gravel sufficient to smash and crush these trees to the ground, to bury their trunks, and to cover the earth one hundred to five hundred feet higher than the elevation to which their tops reach! And this not alone here but in your garden, or over your farm, or over your township, or over your county, or over your state; but over the

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whole continent in which you dwell—in short, over the greatest part of the habitable world! —14

“But, lo! \* \* \* The world is on fire. The head of the comet sheds down fire. Its gases fall in great volumes on the earth; they ignite; amid the whirling and rushing of the debris, caught in cyclones, rises the glare of a titanic conflagration \* \* \* The heat increases. The rivers, the lakes, the ocean itself, evaporates. \* \* \* Gradually the heat begins to dissipate. This is a signal for tremendous electrical action. Condensation commences. The veil thickens. The Sun’s rays are shut out. It grows colder; more condensation follows. The heavens darken. Louder and louder bellows the thunder. \* \* \* The overloaded atmosphere begins to discharge itself. The great work of restoring the waters of the ocean to the ocean begins. It grows colder—colder—colder! Pouring rains turn into snow, and settle on all the uplands and north countries; snow falls on snow, gigantic snow

## MAKER, MAN AND MATTER

beds are formed which gradually solidify into ice. \* \* \* —15

“Steadily, steadily, steadily—for days, weeks, months, years—the rains and snows fall; and, as the clouds are drained, they become thinner and thinner, and the light increases. —16

“Day by day it grows lighter and warmer; the piled-up snows begin to melt. \* \* \* The mild, eternal summer of that age is gone. The battle between the snow and the ice-sheets continues \* \* \* A continual amelioration of climate has been going on since the Glacial Age.” —17

“In ages preceding the glacial period various events of a similar nature took place each adding vast quantities of material to the earth. Metals and chemical elements in gaseous state as well in liquid and solid form, from time to time were sprinkled upon its surface. Some of the underlying earth stratas of earlier periods are in part due to these visitations from out the skies. —18

## PAST, PRESENT AND FUTURE

“We have no reason to think that other visitations on a tremendous scale will not come upon this earth again. —19

“The cataclysms of which I have spoken,” Louis Figuier said, “surprised Europe at the moment of the development of an important creation. The whole scope of animated nature, the evolution of animals was suddenly arrested in that part of our hemisphere over which these gigantic convulsions spread, followed by the submersion of the entire continent. Organic life had scarcely recovered from the violent check, when a second and perhaps heavier blow assailed it. The northern and central parts of Europe, the vast countries which extended from Scandinavia to the Mediterranean and the Danube, were visited by a period of sudden and severe cold; the temperature of the polar region seized them. The plains of Europe, ornamented by the luxurious vegetation developed by the heat of a burning climate, the boundless pastures on which great herds of great elephants, the active horse, the robust hippopot-

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amus, and great carnivorous animals grazed and roamed, became covered with a mantle of ice and snow." —20



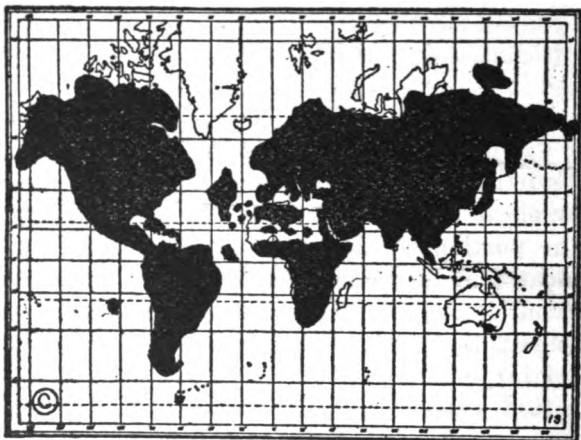
## ATLANTIS

### Chapter 12

“Atlantis was the continent on which the Fourth Root Race of man started. In its smallest state and now no longer existing, the portion we are most familiar with was located at the time, between the Latitude of about 48 and 24 degrees N. and Longitude 21, and 42 degrees W. This was the last remaining large portion of the continent, and the location where Poseidon first ruled as king many ages before the continent broke up and disappeared. He divided the continent, its islands and colonies among his ten sons to be ruled over. —1

“On a low lying mountain near the center of the continent he erected his palace and after his death gave rule over it to his son Atlas, from whom the name Atlantis comes, as well as the name Atlantic Ocean. The eastern side of the continent towards the “Pillars of Hercules” he gave to his next oldest son Gardeirus, and on around the eastern coast towards the north, and completely around the continent he gave to each of his other sons according to their age, a more or less equal portion of the continent to rule over,

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MAP NO. 13—ATLANTIS FROM 72,000 B. C. WHEN A GREAT CATASTROPHE TOOK PLACE, TO FINAL SUBMERGENCE OF THE "WHITE ISLANDS" OF ATLANTIS, 10,000 B. C.

together with islands and other possessions. These sons in the order of their age and location of their territories were as follows: Ampheres, Evaemon, Museus, Autochthon, Elaissippus, Nestor, Azaes and Diaprepes. —2

“The oldest son in each generation of each of these sons became king of his respective territory, and they formed what was the earliest known “League of Nations” that enabled their kingdoms to be ruled in harmony for thousands of years. During this time the

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population increased apparently without limit, and a great number of colonies were established in all parts of the world. —3

“Atlantis as one large island was located at this period off the coast of northern Africa, opposite the Mediterranean Sea, extending to the British Islands, and nearly half way between Europe and Bermuda. The surveys made by various governments in past years, clearly established its location which agrees with all earlier historical facts regarding it. As you remember Plato described Atlantis quite correctly when he said: —4

“In the island of Atlantis there was a great and wonderful empire, which had rule over the whole island and several others, as well as over parts of the continent; and, besides these, they subjected the part of Lybia within the Columns of Hercules as far as Egypt and of Europe as far as Tyrrhenia. The vast power thus gathered into one, endeavored to subdue at one blow our country and yours, (Greece and Egypt) and the whole of the land which was within the straits; and then, Solon, your country shone forth in the excellence of her virtue and strength among all mankind; for she was the first in courage and military skill, as

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the leader of the Hellenes. And when the rest fell off from her being compelled to stand alone, after having undergone the very extremity of danger, she defeated and triumphed over her invaders, and preserved from slavery those who were not yet subjected, and freely liberated all the others who dwelt within the limits of Hercules. But afterward there occurred violent earthquakes and floods, and in a single day and night of rain all her warlike men in a body sank into the earth, and the island of Atlantis in like manner disappeared and was sunk beneath the sea. \* \* \* —5

“\* \* \* On the side towards the sea and in the center of the whole island, there was a plain which is said to have been the fairest of all plains, and very fertile. Near the plain again, and also in the center of the island, at a distance of about fifty stadia there was a mountain, not very high on any side. In this mountain there dwelt one of the earth-born primeval men of that country whose name was Evenor, and he had a wife named Leucippe, and they had an only daughter who was named Clieito. \* \* \*

—6

“Now Atlas had a numerous and honorable family, and his eldest branch always main-

## PAST, PRESENT AND FUTURE

tained the kingdom, which the eldest son handed on to his eldest son for many generations; and they had an amount of wealth as was never before possessed by kings and potentates, and is not likely ever to be again, and they were furnished with everything which they could have, both in city and country. For, because of the greatness of their empire, many things were brought to them from foreign countries and the island itself provided much of what was required by them for the uses of life. In the first place they dug out of the earth whatever was to be found there, minerals as well as metal, and that which is now only a name and was then something more than a name— orichalcum— was dug out of the earth in many parts of the island, and with the exception of gold, was esteemed the most precious of metals among men of those days. There was an abundance of wood for carpenters' work, and sufficient maintenance for tame and wild animals. Moreover, there was a great number of elephants in the island, and there was provision for animals of every kind, both those which live in lakes and marshes and rivers, and also for those which live in mountains and on the plains, and therefore for the animal which is the largest and most voracious

## MAKER, MAN AND MATTER

of them. Also, whatever fragrant things there are in the earth, whether roots, or herbage, or woods, or distilling drops of flowers or fruits, grew and thrived in that land; and again, the cultivated fruit of the earth, both the dry edible fruit and other species of food which we call by the general name of legumes, and the fruit having a hard rind affording drinks, and meats, and ointments and good store of chestnuts and like, which may be used to play with, and fruits which spoil with keeping—and the pleasant kinds of desserts which console us after dinner, when we are full and tired of eating—all these that sacred island lying beneath the sun brought forth fair and wondrous in infinite abundance. —7

“All these things they received from the earth, and they employed themselves in constructing their temples and palaces and harbors and docks; and they arranged the whole country in the following manner: First of all they bridged over the zones of seas surrounding the ancient metropolis, and made a passage into and out of the royal palace; and then they began to build the palace in the habitation of the god of their ancestors. This they continued to ornament in successive generations, every king surpassing the

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one who came before him to the utmost of his power, until they made the buildings a marvel to behold for size and beauty. —8

“And beginning from the sea, they dug a canal three hundred feet in width and one hundred feet in depth, and fifty stadia in length, which they carried through to the outmost zone, making a passage from the sea up to this which became a harbor, and leaving an opening sufficient to enable the largest vessel to find ingress. Moreover, they divided the zones of land which parted the zones of sea, constructing bridges of such width as would leave a passage for a single trireme to pass out of one into another and roofed them over; and there was a way underneath for the ships, for the banks of the zones were raised considerably above the water. Now the largest of the zones into which a passage was cut from the sea was three stadia in breadth, and the zone of land which came next of equal breadth; but the next two, as well as the zone of water as of land, were two stadia and the one which surrounded the central island was a stadium only in width. The island in which the palace was situated had a diameter of five stadia. This, and the zones and the bridge which was the sixth part of a stadium in

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width, they surrounded by a stone wall, on either side placing towers, and gates on the bridges where the sea passed in. —9

“The stone which was used in the work was quarried from underneath the center of the island and from underneath the zones, on the outer as well as the inner side. One kind of stone was white, another black, and a third red; and, as they quarried they at the same time hollowed out docks double within having roofs formed out of the native rocks. —10

“Some of their buildings were simple, but in others they put together different stones, which they intermingled for the sake of ornament, to be a natural source of delight. The entire circuit of the wall which went around the outermost one, they covered with a coating of brass, and the circuit of the next wall they coated with tin, and the third which encompassed the citadel flashed with the red light of orichalcum. The palaces in the interior of the citadel were constructed in this wise; in the center was a holy temple dedicated to Clieito and Poseidon which remained inaccessible, and was surrounded by an enclosure of gold; this was the spot in which they originally begat the race of the ten princes, and thither they annually



## PAST, PRESENT AND FUTURE

brought the fruits of the earth in their season from all the ten portions and performed sacrifices to each of them. —11

“Here too, was Poseidon’s own temple, of a stadium in length and half a stadium in width and of a proportionate height, having a sort of barbaric splendor. All the outside of the temple with the exception of the pinnacle they covered with silver and the pinnacles with gold. In the interior of the temple the roof was ivory; adorned everywhere with gold and silver and orichalcum; and the other parts of the walls and pillars and floors they lined with orichalcum. In the temple they placed statues of gold; there was a god himself standing in a chariot—the charioteer of six winged horses—and of such size that he touched the roof of the building with his head; around him there were a hundred Nereids riding on dolphins for such was thought to be the number of them in that day. There were also in the interior of the temple other images which had been dedicated by private individuals. And around the temple on the outside were placed statues of gold of all of the ten kings and their wives; and there were many other great offerings both of kings and of private individuals, coming from both the city itself

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and the foreign cities over which they held sway. There was an altar, too; which in size and workmanship corresponded to the rest of the work, and there were palaces in like manner which answered the greatness of the kingdom and the glory of the temple. —12

“In the next place they used fountains both of cold and hot springs; these were very abundant, both kinds wonderfully adapted to use by reason of the sweetness and excellence of their waters. They constructed buildings about them, and planted suitable trees; also cisterns, some open to the heaven others which they roofed over to be used in winter as warm baths; there were the king’s baths, and the baths of private persons, which were kept apart; also separate baths for women, and others for horses and cattle, and to them they gave as much adornment as was suitable for them. The water which ran off they carried, some to the groves of Poseidon, where were growing all manner of trees of wonderful height and beauty, owing to the excellence of the soil. The remainder was conveyed by aqueducts which passed over the bridges to the outer gardens; and there were many temples, built and dedicated to many gods; also gardens and places for exercise, some for men and some set

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apart for horses, in both of the two islands formed by the zones and in the center of the larger of the two there was a race course of a stadium in width, and in length allowed to extend all around the island, for horses to race in. Also there were guard houses at intervals for the body-guards, the more trusted of whom had their duties appointed to them in the lesser zone, which was nearer the Acropolis; while the most trusted of all had horses given them within the citadel and about the person of the kings. The docks were full of triremes and naval stores, and all things were quite ready for use. Enough of the plan of the royal palace. —13

“Crossing the outer harbors, which were three in number, you would come to a wall which began at the sea and went all round; this was everywhere distant fifty stadia from the largest zone and harbor and enclosed the whole, meeting at the mouth of the channel towards the sea. The entire area was densely crowded with habitations; and the canal and the largest of the harbors were full of vessels and merchants coming from all parts, who, from their numbers, kept up a multitudinous sound of human voices and din of all sorts, day and night. The whole country was described as being very lofty and preci-

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pitous on the side of the sea, but the country immediately about and surrounding the city was a level plain, itself surrounded by mountains which descended towards the sea; it was smooth and even but of an oblong shape, extending in one direction three thousand stadia; and going up the country from the sea through the center of the plain two thousand stadia; the whole region of the island lies towards the south and is sheltered from the north. The surrounding mountains were celebrated for their number and size and beauty, in which they exceeded all that are now to be seen anywhere; having in them also many wealthy inhabited villages and rivers and lakes and meadows, supplying food enough for every animal, wild or tame, and wood of various sorts abundant for every kind of work. I will now describe the plain, which had been cultivated during many generations by kings. It was rectangular, and for the most part straight and oblong; and what it wanted of the straight line, followed the line of the circular ditch. —14

“The depth and width and length of the

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ditch was incredible and gave the impression that such a work in addition to so many other works, could hardly have been wrought by the hand of man. But I must say what I have heard. It was excavated to a depth of a hundred feet and its breadth was a stadium everywhere; it was carried around the whole length of the plain, and was ten thousand stadia in length. It received the streams which came down from the mountains, and winding round the plain, and touching the city at various points, was there let off into the sea. From above, likewise, straight canals of a hundred feet in width were cut in the plain; and again let off into the ditch towards the sea; these canals were at intervals of a hundred stadium and by them brought down the wood from the mountains to the city, and conveyed the fruits of the earth on ships, cutting transverse passages from one canal into another, and to the city. Twice in the year they gathered the fruit of the earth in winter having the benefits of the rains, and in summer introducing the water of the canals. —15

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“As to population, each of the lot in the plain had an appointed chief of men who were first for military service, and of the size of the lot was to be a square of ten stadia each way, and the total number of the lot was sixty thousand. —16

“And of the inhabitants of the mountains and of the rest of the country, there was also a vast multitude having leaders, to whom they were assigned according to their dwellings and villages. The leader was required to furnish for the war the sixth portion of a war-chariot, so as to make up a total of ten thousand chariots; also two horses and riders upon them, and a light chariot without a seat, accompanied by a fighting man on foot carrying a small shield, and having a charioteer mounted to guide the horse; also, he was bound to furnish two heavy-armed men, two archers, two slingers, three stone-shooters, and three javelin men who were skirmishers, and four sailors to make up a complement of twelve hundred ships. Such was the order of war in the royal city—that of the other nine governments was different in

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each of them, and would become wearisome to narrate. —17

“As to officers and honors, the following was the arrangement from the first: each of the ten kings, in his own division and in his own city, had the absolute control of the citizens, and in many cases of the laws punishing and slaying whomsoever he would. —18

“Now the relation of their governments to one another was regulated by the injunction of Poseidon, as the law had handed them down. These were inscribed by the first man on a column of orichalcum, which was situated in the middle of the island, at the temple of Poseidon, whither the people were gathered together every fifth and sixth years alternately, thus giving equal honor to the odd and even number. And when they were gathered together they consulted about public affairs, and inquired if any one had transgressed in anything, and passed judgment on him accordingly—and before they passed judgment they gave their pledge to one another in this wise. There were bulls who

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had the range of the temple of Poseidon, and the ten who were left alone in the temple after they had offered prayers to the gods that they might take the sacrifice which was acceptable to them, hunted the bulls without weapon, but with staves and nooses; and the bull which they caught they led up to the column; the victim was then struck on the head by them and slain over the sacred inscription. Now on the column, besides the law, there was incised an oath invoking mighty curses on the disobedient. When, therefore, after offering sacrifice according to their custom, they had burnt the limbs of the bull, they mingled a cup and cast a clot of blood for each of them; the rest of the victims they took to the fire, after having made purification of the column all round. Then they drew from the cup in golden vessels, and poured a libation on the fire, they swore that they would judge according to the laws on the column, and would punish any one who had previously transgressed, and that for the future they would not, if they could help, transgress any of the in-



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scriptions, would not command or obey any ruler who commanded them to act otherwise than according to the laws of their father Poseidon. This was the prayer which each of them offered up for himself and his family, at the same time drinking, and dedicating the vessel in the temple of the god; and after spending some necessary time at supper, when darkness came on and the fire about the sacrifice was cool, all of them put on most beautiful azure robes and sitting on the ground at night, near the embers of the sacrifice on which they had sworn, and extinguished all the fire about the temple, they received and gave judgment, if any of them had any accusation to bring against anyone; and when they gave judgment, at daybreak they wrote down their sentences on a golden tablet, and deposited them as memorials with their robes. There were many special laws which the several kings had inscribed about the temple, but the most important was the following: "That they were not to take up arms against one another, and they were all to come to the rescue if any one in any city

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attempted to overcome the royal house. Like their ancestors, they were to deliberate in common about war and other matters, giving the supremacy to the family of Atlas; and the king was not to have the power of life and death over any of his kinsmen, unless he had the assent of the majority of the ten kings \* \* \* \*” —19

# ATLANTIS

## POSEID

### Chapter 13

“The last remaining large portion of Atlantis to disappear was designated by various names such as Poseidon, White Island and Atlantis. The final small island, at the very tip of the southern part of Atlantis, a piece of land about the size of Ireland that disappeared in 7394 B. C., retained the name of Poseid (map No. 14). Its center is where Latitude 25 degrees N. and Longitude 40 degrees W. cross. —1

“The colonies of Atlantis during the thousands of years of its existence were to be found on the Atlantic shores of South America on the Gulf of Mexico, on the Pacific slope of South America, on the Amazon, on the Mediterranean, on the west coast of Africa, on the Baltic, the Black Sea and Caspian Sea where the population overflowed taking the arts and sciences of their native land and other influences with them. Probably the oldest of their colonies was that of Egypt whose civilization was a reproduction of that of Atlantis. —2

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“When the Third Root Race Continent Lemuria, began to disappear breaking up into smaller continents and islands, those who later became the inhabitants of Atlantis migrated towards the south and were living near what shortly became the final portion of Atlantis, a part of the original Lemuria, forced up from the bottom of the sea as the surrounding lands sunk. In this new land, those who escaped established their home. About 700,000 years elapsed between the sinking of the last portion of Lemuria and the first sinking of the continent of Atlantis.

—3

“Among the various historical personages of Atlantis it will be of interest to mention Asuramaya, a native Atlantean born during the early successful historical days of the continent. His fame as a “magician and astrologer and astronomer” spread to all parts of the existing world. —4

“Later King Thevatata known as the “demon king” assisted in making the Atlantean nation, a “nation of magicians.” He encouraged the misuse of the natural powers and laws of nature, that during this period were successfully applied by the Atlanteans for ulterior purposes. —5

“Phylos, one of the great men of the clos-

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ing period lived while the last large island still remained. He was born about 11,850 B. C. He rose from a humble mountain boy, to Director of Minerals, and discharged important foreign posts in a very creditable manner. He was one of their great scientific men as well as historians. During his time the population of Atlantis and its colonies was about 300,000,000 persons. —6

“One of the powerful Atlantean colonies was located on a number of islands in the Indian Ocean, whose ruler was Emperor Ravina. —7

“The principal astronomical work of Atlantis was called the *Surva Siddhanta*, the authorship of which is uncertain. —8

“We learn much from Phylos of the advance of the sciences, arts and culture of the time. He relates much of this in detail. Among other facts mentioned, is that during his time the week in Poseid consisted of eleven days, with two Sundays; the month consisted of three weeks and the year of eleven months, with leap years cared for in their proper place. —9

“The citizens of Atlantis during his time were all classed in social rank, each class or rank was identified by the color of the turbans worn. —10

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“He relates that for more than 4340 years before his time Poseid was practically free from wars. Prior to this time it maintained an army of about one million men and a navy of more than 1200 vessels. In their great library called the Agacoe Library, a complete account of the history of the country was preserved. He gives much interesting information regarding their great colonies in both North and South America, in eastern Europe as there was but little of western Europe at the time, and in parts of Asia and Africa. —11

“He says that in Poseid as he liked to call Atlantis of his time, the citizens enjoyed great freedom because of their limited monarchy. The general law of official succession presented to every male subject, a chance for preferment in office. Even the Emperor held an elective position, also his Ministers and the Council of Ninety, called the “Princes of the Realm.” —12

“The possession of the elective power was vested in the two great social divisions which embraced all classes of people of both sex. The great principle of the Poseid political fabric might be said to have been “an educational measuring-rod” for every ballot holder. These two major branches were known

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as the "Incala," or the priesthood, consisting of those who had graduated from the great law universities, and the "Xioqua," the scientists who had graduated from the great technical universities. Every citizen had the option of entering either course after having passed successfully the lower universities which were located in the district and cities of Numea, Terna, Idosa, Corosa and Marzeus and elsewhere. The last named place was the great art-manufacturing center of Atl and had a population of about 1,000,000 citizens. Seven years was the allotted time for the course in each university. —13

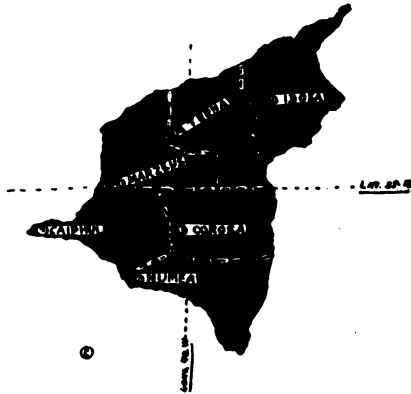
"Rare tropical plants and growth made Caiphul, the capital of Atlantis, a city of remarkable beauty, while its architecture of stone, was designed with an eye to beauty as well as utility. —14

"Their "Teka" or "Teki" was a gold coin valued at about \$2.67 of American money. —15

"They had museums, art galleries and structures for entertainment and education in many places throughout the empire. —16

"In the sciences they understood the use of electricity and the odic and other forces, that we have today, or have not as yet re-discovered how to make use of. The use of

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MAP NO. 14—ATLANTIS SHOWING POSEID, THE FINAL SOUTHERN REMNANT OF ATLANTIS THAT SUBMERGED 7394 B. C.

electrical power was general and all distributed by what we know today as wireless waves. It was used for power, light and other purposes. —17

“Their electric lamps were crystal cylinders or tubes, exhausted of air, which were fed constantly by wireless waves, giving off a continuous glow of light that was both bright and soft to the eyes. He said of them, “they were shaded, high tension, airless cylinder lamps that cast a soft glow.” —18

“The “vocaligraphs” and the “coloriveyant” were instruments furnishing spoken communication as well as heat at any time



## PAST, PRESENT AND FUTURE

or place, by the use of the wireless waves.

—19

“They had what we would call an “electric rifle” utilizing the wireless waves sent out over the earth by their power stations. These rifles exceeded in effectiveness the best guns we have ever succeeded in making. —20

“They had what they called a “Naim,” a combination telephone and “telephote” which by wireless waves enabled persons in any part of the world to talk with one another, as well as to see whatever the other instrument was pointing at, either a person or a scene. —21

“In this connection Phylos, predicted that in about thirteen thousand years (20th century A. D.) there would be developed what might be called an “electrostellarscope” which by utilizing ether waves, in combination with the improved telescope that should be developed about that time, astronomers would be able to see even the smallest kind of an object on the nearer planets, and discover many other planets in the great void that otherwise can not be seen by the best instruments of today. —22

“They also had what he called a “vocaligraph,” a machine upon which vocal messages were received from a distance and

## MAKER, MAN AND MATTER

automatically printed from conversation coming through the air from those in other locations; this was the news distributing system of his day, serving as newspapers. —23

“They had what they called “mineral locators” somewhat similar to the present day divining rod, but instead of depending upon some unknown power to help them locate what they sought; their instruments were always successful because worked out along sound scientific lines, and were operated by the electronic waves. —24

“Another interesting thing they had was what they called a “generator” that when set going, used electrical waves to produce condensation from the air that supplied an abundance of fresh, cool drinking water. The size of the instrument determined the quantity, but a very small portable machine was abundant for the needs of several persons. —25

“They were farther advanced in his day in the way of aerial transportation than we were up to a short time ago. They used neither gas nor wings on their machines, though they did at earlier periods. Understanding how to utilize the forces of nature, they overcame the “law of gravitation” which in reality they did not do, but they ap-

## PAST, PRESENT AND FUTURE

plied other principles that neutralized the effects of gravitation as required by them. These airships they called the "*valix*" and were made during his life time in four standard sizes for various purposes. The tremendous speed attainable by the largest "*valix*" permitted them to travel around the earth in twenty-four hours. The standard sizes for these "*valix*" were, the smallest about 25 feet long, the second largest about 80 feet long, the third was about 155 feet long and the fourth about 355 feet in length. During his life they were a government monopoly and were obtainable by the public in all parts of the empire. But at former periods these "*valix*" were privately owned, and in their early days were neither so powerful nor capable of performing the work desired, as when Phylos lived. They were also of different designs and known by different names, such as "*Telta Aeta*," a bird like machine and the "*Viwan*" which was much like the later "*Valix*." —26

"They developed a source of power similar in principle to radium, in most convenient form for use anywhere in their power plants or machines. It was a very powerful explosive in principle that produced (when its full possibilities were utilized) such power

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that a quantity small enough to carry in one's pocket, was sufficient to propel our present day largest ocean vessels across the ocean, or carry a train six thousand miles. —27

"Their transportation systems were uniform in equipment and construction in all cities. A description of the system in Cai-phul, the capital of the last large island of Atlantis is similar to that in all other cities at that time. —28

"On each side of every avenue was a broad tessellated pavement for pedestrians. A line of massive, bottomless stone vases in which ornamental shrubs and foliage stood upon the curb, and on either side of those was a metal rail placed at a height of about nine feet, and supported upon davits (similar to those from which ships swing life boats). At regular intervals other side rails crossed these main runners, rails capable of being raised or lowered to form a switch-junction, a simple lever effecting the process. These rails served as cross streets there being in comparatively few instances any paved streets underneath the rails, on any but the radiate avenues. On the maps of the City Department of Transit these main and cross rails looked like the web of a garden spider. For each transit district there were multi-

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tudes of carriages, having auto-odic mechanisms, whereby they were made to speed at tremendous swiftness with their passengers, but collisions could not occur as the conveying rods formed a double track." —29

"Regarding local legislation relative to capital and labor, it is of interest to note what he says on the subject. —30

"Our local enactments on the subject of industrial equity were complete and rather voluminous. While I care not to give in detail a reproduction of what may be termed labor laws, a few excerpts are worthy of place. It will be well to preface these with a short history of the enactment, and thus show how labor troubles were finally and equitably settled; —31

"On the "Maxin-stone" (a religious "unfed light"; glowing fire flaming up from a black cubical stone, called the "Maxin-stone" in the temple at Caiphul) was found the vital seed of settlement of the fearful menace embroiling labor and capital, to wit: —32

"When time those who work for hire shall be oppressed, and shall rise in wrath to destroy their oppressors—lo! let their hand be stayed, that they shall obey Me. I say unto them; harm not the person or the property of any man, not even though by that man

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they be oppressed. For are not all brothers and sisters? Are not all children of one Father, even the nameless Creator? But this I command; that they destroy oppression. Shall things which are less than man rule over and oppress their masters? Seek diligently my meaning." —33

"The students of ethics interpreted this command to mean that the oppressed industrial class should not harm the oppressing capitalists nor their property. The rich classes were perhaps as much the victim of circumstances as the poorer people; the remedy lay not in blind anarchy but in eradicating conditions. This was easy, the oppressed were a thousand to one of the oppressor. The majority of them held the elective franchise, and it was determined that as the government was the people's servant the proper method was to deal with the question at the polls, and not to employ violence against the rich. Therefore the call went forth among all the people to vote on the adoption of a code of industrial regulation and to vote its respectful submission to the Rai (Emperor). Of the many articles and sections, I shall mention only the following; —34

"No employer shall demand of any em-

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ployee any service outside legal hours of work without extra remuneration. —35

“Sec. 4. These hours shall not be less nor more than nine in number for physical labor in any period of twenty-four hours; nor less nor more than eight hours for sedentary employment chiefly requiring intellectual exertion. —36

“This statute allowed two parties to a labor contract to arrange to suit themselves when the working hours were to begin and end \* \* \* With reference to the wage matter the law was very clear. It held that as mankind was selfish by nature, that is, the lower nature, that he would operate on a basis of self aggrandisement. \* \* \* Hence if he should not be actuated by the sense of duty towards his fellowmen to treat that man right, when right was not dictated by might, then the law must compel him to be fair.” —37

“These laws were voted upon by the citizens of Atlantis, then went to the lawmakers who established a Department of Commissary to collect statistics concerning food products of commerce, also concerning all textile fabric necessary for clothing and in brief all articles necessary for the proper or special maintenance of individuals. From

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these statistical reports, was to be founded an estimate of the cost of all such necessities; books were reckoned as mental food, and the cost of these things for a year was calculated. Upon this calculation, days' wages were estimated by dividing the annual cost into the number of days. This rate was decided anew every ninety days, as the cost of the chief staples was found to fluctuate, hence the rate was not wholly stable, and the wages of any given three months term would probably differ from those of any previous quarter. Let me quote; —38

“Sec. VII. Art. V. Employers shall divide the gross profits of business upon the following plan: the wage, salary and emoluments of each employee shall be paid on the sum directed by the quarterly estimate of living cost determined by the Department of Commissary. From the remainder, the amount of ten parts in each hundred on the capital invested shall be set aside. This increment shall be and represent the employer's net profit. From the remaining income the running expenses shall be deducted, and of any sum thereafter remaining one half shall be invested to provide annuities for the sick and disabled, or assurance for the dependents of deceased employees. The remaining half



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shall be periodically distributed amongst employees on the basis of the various compensations. —39

“Sec. VIII. Art. V. The whole of a body of employees is only equal to the superintendent thereof. The superintendent is equal to all the underlings. Hence, employees, when not themselves managers of the business, shall pay to managers a salary equal to the combined wages of the subordinates.”

—40

“This social structure was not always ideal; all these socialistic and communistic laws had to be repealed in time as they did not prove practical in the long run. Human nature was too uncertain to permit the execution of theories that are not basically sound, which they found out several times in their history. —41

“\* \* \* A strange experiment they made in social life, but for its political origin it is the most interesting fact in their record. This refers to one of the lesser nations in the later days of Atlantis. Being continually worsted in wars with their Toltec neighbors, knowing themselves to be greatly outnumbered and desiring above all things an increase in population, laws were passed by which every man was relieved from the di-

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rect burden of maintaining his family. The State took charge of and provided for the children, and they were looked upon as its property. This naturally tended to increase the birth-rate among the Turanians, and the ceremony of marriage came to be disregarded. The ties of family life and the feelings of parental love were of course destroyed, and the scheme having been found to be a failure was ultimately given up. Other attempts to find socialistic solutions for commercial problems which still vex us, were tried and abandoned. —42

“Upon another subject let me quote him further. —43

“In our consideration of natural laws the philosophers of Poseid had come to the conclusive hypothesis and working theory, that the material universe was not a complex entity, but in its primality extremely simple. The glorious truth, was clear to them, that is, that “God is imminent in Nature.” To this they appended “To know God is to know all worlds whatever.” After centuries of experimenting and recording of phenomena, deductions, analyzing and synthetizing, these students had arrived at the final proposition that the universe—not here dwelling on their wondrous astronomical knowledge—

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was, with all its varied phenomena, created and continuously kept in operation by two primal force-principles. Briefly stated, these basic facts were, that matter and dynamic energy (which were God made externally manifest) could readily account for all things else. This conception holds that only One Substance existed as but One Energy, the one being God externalized, and the other His Life in action in His Body. This One Substance assumed many forms under the action of various degrees of dynamic force, because it was the basic principle, of all natural and all psychic, but not of spiritual phenomena allowed here to postulate, with which not a few of my friends will find themselves at least partially familiar, perhaps wholly so. Commencing with dynamic energy as first sensibly manifest on the example furnished by the simple vibration which may be outlined as follows; a very low rate of vibration may be felt; an increase of rate heard. For example, first we feel the pulsing of a tong (harp string), and then as the rate of vibration is increased we hear the sound. But substances of other sorts able to endure greater vibratory impulse, manifest under more intense action, following sound, first heat, then light. Now again, light varies in

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color. The first color produced is red, and thence by a constantly vibrating energy, orange, yellow, green, blue, indigo, violet, each spectrum-band being due to an exact and definite increase in the number of the vibrations. Succeeding the violet, further augmentations give pure white, more give gray, then more extinguished light, replacing it with electricity, and so on through an ever increasing voltage until the realm of vital or psychic force is attained. This may truly be regarded as going inward from those manifestations of nature, of God or the Creator, which are external; as going towards the internal from the externality. A very brief study will show thee that the laws of the physical world continue inward to their spiritual source; that they are, truly, but prolongations one of the other. But on entering into the realm of vibration whose door keeper is sound, we find that the One Substance vibrates in variant, but definite, dynamic degree, and that thence arise each and all of the diverse forms of matter; in short, the difference between any given substance, as gold and silver, iron and lead, sugar and sand, is not one of matter but of dynamic degree. In this dynamic affection the degree is no loose limitation, for if the vibrant rate is a

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shade variant, lower or higher than in any special material which may be under notice, the variation will be different in appearance and in its chemical nature; thus to proper substantial entities definite in enormous vibration per second, may be imparted and the resulting substance (for light is substantial) is, say, red light, (red light is stated to occur at 395,000,000,000, vibrations of that "ether" which by Phyllos is termed "the last form of matter below where matter ceased and MIND begins." And the highest visible vibration is placed by modern science at 970,000,000,000 vibrations, but Phyllos says; "vastly higher than the high purple range where light ceases ordinarily to be visible, the One Substance again vibrates visibly. As a synchronous harp string that responds to key of low C, for example, struck on another harp, will also respond to every C in the whole register, be it low, or middle, or high, so the One Substance responds at 831,000,000,000; at again, the next octave of vibration, and again at the next, where it becomes visible as the fatal "unfed light" called in Atal, the "Maxin" and again by the Tehim as the "Vis Mortuus.") but if one-eighth greater it will be orange, and if more or less, then the resultant must invariably be a

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reddish orange, orange yellowish, respectively. It thus appears that certain definite degrees exist as plainly as mileposts, and that these Major degrees are absolute. In other words, the One Substance is not as readily apt to be between these greater definitions as upon them, a fact which explains the tendency of composites, or intermediate affection to decompose into the definite, not simple elements; chemical compounds are not as stable as chemical primaries. —44

“Through this knowledge we found it possible to adjust weights (positiveness) to lack of weight (negativeness) so evenly that no “tug of war” was manifest. This achievement meant much. It meant aerial navigation without wings— \* \* \* through taking advantage of repulsion by levitation in overcoming strength to the attraction of gravitation. That, vibration of the One Substance governed and composed all realms, was a discovery which solved the problem of the conveyance of images of light pictures or forms, as well as of sound and heat,” just as the wireless does for us. —45

“The public buildings were made of great blocks of cut stone; the greatest of machinery was required for preparing and handling it. The great government buildings and pal-

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aces of the Emperor in the Capital City of Caiphul, were marvels of architecture and comfort, as well as the homes and residences most of which were built by the government and maintained by them being leased at a nominal rental to the people. Caiphul was a city of more than 2,000,000 inhabitants at this time, and was surrounded by a moat similar to that found at the original capital of Atlantis centuries earlier. The city was about five miles from the ocean, on the end of a promontory that ran out into the ocean, at the southern part of Atlantis, somewhat as the chalk cliffs of England. —46

“The first alphabet known to the world was developed in Atlantis, also the art of embalming human bodies. —47

“Phylos described various journeys he had made to different parts of the world. He made one trip to the colony of Atlantis that later became the United States. He had first visited one of the colonies in South America known as “Umusur,” which he described as follows: —48

“Successively we came to the narrow neck of land (Isthmus of Panama) to south Incalia (Mexico) and the immense plains (of the Mississippi). These latter formed the great cattle lands from whence Poseid drew

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most of its supplies of fresh-food (probably the buffalo early found in the United States.) We stopped to inspect a long extinct colony of Atlantis called Truma, originally established on a very large island (within a few miles of Carson City, Nevada) to examine the early inscriptions on the rocks, cut there by the inhabitants many thousands of years earlier, before the location became impossible for further habitation. —49

“Still farther north than this were large copper mines, whence we obtained much of our copper and some silver and other metals. A cold region was this, far cooler than it will probably be when the now retreating forces of the glaciers on whose edge it now lies, have gone (probably northern Michigan.) —50

“To the far west great plains, cold in winter. The great lake (probably former Pyramid Lake, Nevada) of fresh water, cold from glaciers on the northern shore, that floated icebergs. On the waters of Miti Sea (where most of Arizona was located) a large inland sea whose shores afforded locations for many towns, colonies from Atl, (doubtless the ruins found throughout Arizona, are from these settlements more than 10,000 years B. C.) —51



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**GREAT EARTH CRACK, ONE MILE DEEP, THAT DRAINED THE MILLERIAN SEA, THOUSANDS OF YEARS AGO, KNOWN AS THE GRAND CANYON.**

“More recent history shows that when Atlantis sank into the sea, other portions of the world suffered. The Miti Sea a remnant of the Millerian Sea covering what later became Arizona, suddenly disappeared. At the same time, the same upheaval opened the earth and produced the Grand Canyon, which allowed the Miti Sea to drain through it to the present Gulf of California. —52

“In 1865-6 Prof. Hayden discovered the Yellowstone region, and on the same expedition went as far west as the “Three Tetons” in what later became the state of Wyoming.

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These three mountains were the same mountains mentioned by Phylos on his journey to North America, one of which mountains he called "Pitachi Ui"—Prof. Hayden found at the top of this peak a roofless structure of granite slabs, within which, he said, "the granite detritus was of a depth indicating that for eleven thousand years it had been undisturbed." His inference was it had been constructed for at least that length of time.

—53

"Phylos stated elsewhere that it was constructed about the time he was born, a little earlier than the period estimated by Prof. Hayden. He said: —54

"Our valix alighted upon the ledge without the temple of Ui just as nightfall came on. It was very cold here so far north, and at such an altitude. But the priests within the heavy, well built edifice never suffered, for Atl, drawing upon Navas (forces of nature) had these forces at its call (for artificial heat, etc.) . The primary cause of our visit was our desire to pay devotion to Incal (the Sun) as he arose next morning. All

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night the brilliant beams of light from our ruby colored lanterns flashed the tidings, to such Poseide as might look our way, that a Royal valix was in the region. Next morning our vessel lifted and departed for the east, that we might visit our copper mines (in the Lake Superior region). We were conducted in electric trams through a labyrinth of galleries or tunnels. When we were about to leave a Government overseer of the mines presented us with various articles of tempered copper. To me he gave an instrument I have always prized highly on account of its fine temper, which keeps a keen edge, good enough to shave with and rarely requiring to be sharpened." —55

"The Atlanteans possessed an established order of priests; their religious worship was pure and simple. They lived under kingly benevolence; they had their courts, their judges, their records, their monuments covered with inscriptions; they had their mines, their foundries, workshops, looms, grist-mills, boats and sailing vessels, highways, aqueducts, wharves, docks and canals. They

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had processions, banners and triumphal arches for their kings and heroes; they built pyramids, temples, roundtowers, and obelisks; they practised religious ablutions; they knew the use of the magnet and of gunpowder. In short, as described by Donnelly, "They were of high civilization \* \* \* . We are told that Deva-Hahusha visited his colonies in farther India. An empire which reached from the Andes to Hindostan if not to China must have been magnificent indeed. In its markets must have been the maize of the Mississippi Valley, the copper of Lake Superior, the gold and silver of Peru and Mexico, the spices of India, the tin of Wales and Cornwall, the bronze of Iberia and amber of the Baltic, and wheat and barley of Greece, Italy and Switzerland." —56

"Atlantis covered all of the northern and southern regions of the Atlantic Ocean, portions of the north and south Pacific and had islands even in the Indian Ocean. In fact one could walk east from India to America on dry land by way of Alaska. —57

"High mountains grew; the Rockies and

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Andes were up then, and the Himalayas and Azores and Teneriffe Peak were part of another mountain range. Atlantis began to break up as you remember into seven great islands, the largest of which disappeared about 850,000 years ago. The small remnant of the last portion, known in modern times as Atlantis sank about 10,000 years B. C., leaving only a small island that followed in 7394 B. C. —58

“Africa rose first out of the ocean mud, long before France and the British Isles did, which was the fourth time in recent periods that the British Isles had sunk and emerged again. The Sahara Desert was a great sea; later Africa separated from Spain forming the Mediterranean Sea. In America, all the middle western states were covered with water; these were later drained by the Mississippi. South America gradually arose from the oceans and has been lifting itself ever since. —59

“The island of Atlantis, (indicated in the earlier Lemurian map as existing to the northwest of the extreme promontory of the

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continent of Africa and due west of the present coast of Spain,) was a center from which proceeded the distribution of fauna and flora to the various continents during long ages, is a most interesting fact. It will be seen that this island of Atlantis was the nucleus from the first to last, of the subsequent great continent of Atlantis. It existed as we see in these earlier Lemurian times. It was joined (in the 9th map period) to land which had previously formed part of the great Lemurian continent, and indeed, so many accretions of territory had been added that it might more appropriately be called a continent than an island. It was the great mountainous region of Atlantis at its prime, when Atlantis embraced great tracts of land which have now become North and South America. It remained the mountainous region of Atlantis in its decadence, and of Ruta in the Ruta and Daitya epoch and it practically constituted the island of Poseidonis—the last remnant of the continent of Atlantis. —60

“Haeckel, describing geographic changes, said, “Thus, ever since liquid water existed

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on the earth, the boundaries of water and land have eternally changed, and we may assert that the outlines of continents and islands have never remained for an hour, nay even for a minute, exactly the same, for the waves eternally break on the edge of the coast and whatever the land in those places loses in extent it gains in other places by the accumulation of mud, which condenses into solid stone and again rises above the level of the sea as new land. Nothing can be more erroneous than the idea of a firm and unchangeable outline of our continents, such as is impressed upon us in early youth by defective lessons in geography which are void of the geological basis." —61

"The sinking of the last portion of Atlantis was one of the greatest catastrophes happening to the modern world. As it was caused by internal conditions, it also affected many other parts of the world. —62

It is estimated the Fourth Root Race existed about 18,616,000 years B. C. The life of the continent of Atlantis roughly speaking covers about this same period of time. —63

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“The early Fourth Root Race is represented geologically by the Tertiary or Cenozoic Epoch some 3000 feet below the present surface of the earth. It corresponds to the Pliocene, Miocene, Oligocene or Eocene Period. Animal life was represented in the ruminants the three toed ancestor of the horse, true whales, man-like apes, huge planental mammals and serpents. Plant life was represented by trees, shrubs and herbs allied to existing subtropical species; leaf bearing plants and mammals.”

—64



## PRESENT FOURTH ROOT RACE

### Chapter 14

“The definite beginning of the *fourth sub-race* of the Fourth Root Race, was about 3,000,000 years B. C. The beginning of the *fourth sub-division* of the *fourth sub-race* was about 800,000 years B. C., about the time the semi-universal deluge known to geology as the first glacial period, occurred and which required more than 200,000 years to complete. It must be remembered that frequently as many as two distinct Root Races lived at the same time. That is, certain men of a given Root Race began to evolve into a higher type, both mentally and spiritually than others of the same Race. This assumed a sufficiently large representation among them in time, with the result that these advanced types began to evolve the next succeeding, and more highly developed Root Race of man. When a new Race, or the next Root Race became sufficiently general to be in the majority or to control, we term that as the period when that Root Race came into being, and during which it remains, until succeeded by a higher developed type of man both mentally and

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spiritually. As a given Root Race began in preceding existing Race periods, so would earlier Races continue into succeeding Race periods, some times even into several succeeding *sub-race periods*. So we consider the first selection of a new type of man for the beginning of the *fourth sub-race* of the Fourth Root Race, to have taken place about 3,000,000 years ago, though the Fourth Root Race was then in its prime and in full control, and has been for more than 15,000,000 years. As only remnants of the Third Root Race still remain, and as the Fourth Root Race is now in control, and rapidly increasing its development, we may consider that the Fourth Root Race has predominated since about 18,610,000 B. C. —1

“In this connection it will be of interest to refer to the race known as the Tasmanians, that lived near Australia, as probably among the last remnants of the Third Root Race on earth. The Bushmen also found in that same general part of the globe, were probably descendants of the same Third Root Race who escaped the great deluge of Lemuria when it disappeared. Representatives of the Third Root Race may possibly continue until the *fifth sub-race* has started  
—2

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“Those who will be the forerunners of the coming *fifth sub-race* which will begin some two million years or so hence are supposed to be on earth now. Some 18,400,000 years hence the Fifth Root Race itself will make its beginning. That will be followed by the Sixth and Seventh Root Races, being the last and highest development of man on earth, which by that time will be passing out of existence as a habitable world, if not as a material entity. —3

“The Aryan races, which are merely lesser divisions of the *fourth sub-race* of the Fourth Root Race will continue for about 427,000 years, while various “family races” such as the Semitic, are developing in their own special cycles now. —4

“In the early Fourth Root Race the final disappearance of all outward traces of the physical “third eye” in the forehead took place and man as we now know him physically today, began to complete his existence. He decreased in stature from about twelve to fifteen feet as found among the early Atlanteans in the early part of the Fourth Root Race, to our present five, six and seven foot man. In future races there is nothing to lead one to believe that man will increase again in stature, but instead a change of the

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physical and chemical elements in man will doubtless take place, until the physical and material qualities become less and less, and the ethereal and spiritual again predominate, as they originally did, finally losing all the physical qualities and material aspects, returning to the original "shadow" forms, or mere "swarms" of life elements or particles. As the physical body that houses the "swarms" or "shadow" form of man begins to disappear again, the "third eye," the "sixth sense" or ethereal understanding and intuition, or the "seventh sense," that of spiritual understanding will again come into the ascendancy, as mortal mind of material man passes out of existence and ceases to function. —5

"The five senses as we know them now, that of seeing, smelling, tasting, feeling and hearing are characteristic of present day man. Occasionally individuals show great "intuitiveness" which is the last evidence of the "third eye" that atrophied physically in man, and now evidenced as the Pineal Gland in the forehead, located between the eyes. Persons who are psychic, or have occult powers claim to possess a higher development of the Pineal Gland, really the "third eye." —6

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“From the early part of the Fourth Root Race when man’s endowment of mind and spiritual understanding were greatest with the latter predominating, there began a general evolution, until at the present time there is an equilibrium between brain, intellect and spiritual perception. As a Race, the Fourth Root Race has just crossed the “equatorial line” and spiritually is now in the ascendancy. However this is not the case with those early *sub-races* of the present Fourth Root Race or those still with us of the late Third Root Races, for they will not reach this period of intellectual or spiritual development during the present Fourth Root Race, but be left behind for slower development. It must be remembered that the physical body is but the irresponsible tool or organ for what may be called the psychic nature. When the physical body passes on, that “astral self,” some call it the human mind, or soul, continues to exist and develop in advancing forms of evolution towards higher spiritual power. “All through the history of the Races of Man,” as Steiner said, “there has been constant strife between the spiritual understanding and material sense. This struggle lasted until the physical “Fall of Man” in the Third Root Race and the spiritual fall in the Fourth Root

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Race when it reached its lowest point in the "mire of matter" and in "sin and disease." But from that time on there has been a constant reversion and change departing from the physical or animal nature as the Races progressed, back into the less material and ever increasing "spiritual" side of existence. We of today scarcely recognize or appreciate this, but those who have given sufficient study to the subject of man's evolution, following him through aeons of time and development from one great Race to another, and down the ages of earthly existence, see clearly the great changes which have continued to come to him and which, now that the great momentum has been established on the upward curve of the arc, can see clearly whence it is leading." —7

"Few men remained, some yellow, some brown and black, and some red, remained; the "moon colored" (ethereal silvery white, "shadow," or "swarm" men) were gone forever. —8

"The Fourth Race produced from the old

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stock (Third Race). It was ruled by divine kings. (Super-men). —9

“The (creators of men on earth, God’s representatives) wise men, re-descended and made peace with the Fourth Race and taught and instructed it. (Gave it mind and intellect and understanding.) —10

“As the Fourth Root Race has been definitely in existence for over 18,000,000 years, it is clear that the *three sub-races* of this great Fourth Root Race that have already gone, each averaged about 5,000,000 years of existence. As the *fourth sub-race* of the great Fourth Root Race is now well along in its development not many millions of years more will be required before the present *fourth sub-race* will cease and the *fifth sub-race* of the great Fourth Root Race will come into its own. It will require about the same general length of time for its complete evolution, or more than 5,000,000 years. The last or *seventh sub-race* of this great Fourth Root Race will not begin for about 13,000,000 years. When this period has been completed the present great Fourth Root Race will have

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passed out of existence and the following Fifth Root Race will come upon earth, to remain aeons of time and eventually give way to the Sixth and Seventh Root Races, the last and final evolution of man on this sphere.

—11

“There has been found to be a division, within each *sub-race* of each great Root Race, in which “group races” as they are called come into existence, continue and finally pass out of existence as racial or national groups, by some catastrophe or by absorption into other “family races.” So in the present *fourth sub-race* of the present great Fourth Root Race, we find that each of these several “group races” average about 800,000 years of existence. These sub-divisions of sub-races are again divided into seven parts we may call “family races” each existing about 120,000 years. The present European “family races” still have many thousands of years to run. This explains and accounts for the various national characteristics that are to be found today in the different races and nationalities, such as the



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Jewish race, the Japanese, Nordic-Anglo-Saxon, Semitic, and other families of mankind on earth today. —12

“It is interesting to note that Dr. Fowler claimed 57,000 years at least, as the age of the skeleton he found near New Orleans on the bank of the Mississippi River; doubtless a member of a comparatively modern “family race.” —13

“The intermarrying and overlapping of races and characteristics has always gone on and is now going on under our very eyes. Anglo-Saxon stock predominated in America and the United States. Within less than 300 years, it had become a nation apart, owing to the strong admixture of various nationalities. Every mixed race when uniform and settled, has been able to play the part of a primary (family) race in fresh crossings,” said de Quatrefages. “Mankind in the present state, has been formed certainly for the greater part, by the successive crossings of numbers of races at present undetermined.” —14

“Thus the Americans became in their first

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three centuries a "primary race" pro-tem, before becoming a race apart and separated from all other existing races. They were in short the germ of the *fifth sub-race* of the Fourth Root Race and became the pioneers of that race which must succeed in all its characteristics the Europeans of the 17th century of the *fourth sub-race* of the present Fourth Root Race. After that, they will launch into preparations for the *sixth sub-race*; until in consequence of cataclysms, the first of which will destroy what remained of Europe, and still later the whole Aryan race, and thus affect North America also, and most of the lands occupied within the confines of our continent and islands. But the Fifth Root Race will have first appeared on the stage of our present Fourth Root Race. —15

"The great semi-universal deluge that took place about 800,000 years B. C., continued in its effect until the Fourth Root Race was well established and advanced. —16

"When early investigators first began their research of the Root Races of man, they soon saw that there were questions that would

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have to be cleared up later on. From time to time ever since as discoveries have been made, corrections have resulted. Only recently one of the most important corrections of early data has come to light. The determination of the length of time that each Root Race has existed, and determination of future Root Races, based on cataclysmic changes, which always practically exterminated life on the earth each time is always followed by a redevelopment of the Race into a new one that is able to meet the new conditions. Therefore instead of our being in the Fifth Root Race as many in the past have been lead to believe, it is now clearly determined that we are in the first half of the *fourth sub-race*, of the Fourth Root Race, and it will be some 18,400,000 years more before the Fifth Root Race will come into its own. The former calculations only allowed about one and a half million years for the miscalculated Fifth Root Race, a self evident error, when many millions of years alone are really required for the same. However, the other general facts are not materially altered,

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**excepting dates and periods of time assigned to them, as based on former mistaken deductions." —17**

## **FOURTH ROOT RACE CONTINENTS**

### **Chapter 15**

“The Fourth Root Race Continent was first Atlantis, then America; as it is situated at the Antipodes it has Europe and Asia Minor almost co-eval with it. The sequence of continents follows the order of evolution of the Races, from the First to the Fourth, our Aryan root-race. So Europe and America must be called the Fourth Root Race continents. No account is taken of islands or peninsulas. Since the earliest destruction of the great Atlantis, the face of the earth has changed more than once. There was a time when the Delta of Egypt and Northern Africa belonged to Europe, as described by Blavatsky. This was before the formation of the Straits of Gibraltar, and the further upheaval of the continent materially changed the face of the map of Europe. The last serious change occurred some 10,000 years B. C., and was followed by the submergence of the last great island of the continent of Atlantis. —1

“Some of the descendants of the primitive Nagas, the wise men of Atlantis, peopled the Americas when a continent arose during the

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early days of Atlantis. At that time America was known by the name of Patala or the Antipodes. "The traditions and legends," said August Thierry, "and even the identity of the names of certain "medicine men" and priests who existed until recently in Mexico, were called Norgalas and Naguls as well as Nagulism, the name they gave to their form of "Devil Worship" as told by the missionaries." —2

"The United States as a nation, Phylos stated, would continue to exist for four and one half centuries of decades, 4500 years, when it would go through the process of internal decay, ceasing to exist as formerly. He placed the end of the United States as a nation as about the year 6900 A. D. In the meantime he stated it would become the greatest nation of modern times that history ever recorded, as we know to have been the case. Development of various stages of nationalization of thought, ideals and character was yet to come. After a period of centuries of successful existence, the works of avarice and sin would gnaw its vitals, and through natural material means history would repeat itself. —3

"A cataclysm will occur which will wipe from the face of the earth the majority of

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those living at the time. Such a cataclysm has recently happened as you know, just as it has happened many times in the past. The land from the peninsula of Lower California, north of the northern boundaries of the State of California, as well as some distance inland will remain above the waters, possibly one portion or another may be inundated for a short time as we have seen take place, but not all of this territory will be under water at the same time. Portions of California are among the oldest known lands that exist today upon this globe, and will remain so. Mount Shasta is one of the "holy mountains" of the early Atlanteans and in that mountain the headquarters of their spiritual Brotherhood still exists, according to their records. —4

"The Indians of California and Nevada had this curious legend: —5

"The natives of the vicinity of Lake Tahoe ascribed its origin to a great natural convulsion. There was a time, they said, when their tribe possessed the whole earth and were strong, numerous and rich; but a day came in which a people rose up, stronger than they, and defeated and enslaved them. Afterwards the Great Spirit sent an immense wave across the continent from the

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sea, and this wave engulfed both the oppressors and the oppressed, all but a very small remnant. Then the task-masters made the remaining people raise up a great temple, so that they of the ruling caste, should have a refuge in case of another flood, and on the top of this temple the masters worshiped a column of perpetual fire (the Maxin flame, of the Atlanteans). \* \* \* \* —6

“Full half a moon had not elapsed, however, before the earth was again troubled; this time with strong convulsions and thunderrings, upon which the masters took refuge in their great tower, closing the people out. The poor slaves fled to the Humboldt River and getting into canoes, paddled for life from the awful sight behind them; for the land was rolling like a troubled sea, and casting up fire, smoke and ashes. The flames went up to the very heavens and melted many stars, so that they rained down in molten metal upon the earth. \* \* \* The Sierra was mounded up from the bosom of the earth; while the place where the great fort stood, sank leaving only the dome on top exposed above the waters of Lake Tahoe.” —7

“It is said that the early Atlanteans possessed remarkable memories, and could remember clearly everything they ever saw or



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heard, and were always able to bring details of events or experiences before them as though in a picture. However they lacked reasoning power and ability to associate ideas and make deductions therefrom. —8

“The later Atlantean race lost this remarkable power of memory and in its place they began to develop reasoning powers and logic. This gave the *fourth sub-race* of the Fourth Root Race the advantage over the preceding sub-race and while memory was not universal, yet through association of ideas and use of the new power of imagination, from past experience they made deductions by reasoning, and formed conclusions impossible among the earlier Atlanteans. —9

“The Fourth Root Race is estimated to have existed up to the time of Christ, for a period of 18,610,000 years, according to all obtainable figures based on an analysis of the past. There is reason to believe it will be at least 18,400,000 years more before it goes out of existence as the dominating Race, to be succeeded by the future Fifth Root Race. —10

“The *fourth sub-race* of the Fourth Root Race, the present *sub-race* is represented geologically by the Quaternary Epoch about 600 feet below the earth surface. It cor-

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responds to the recent or Post Pliocene, the ice age or glacial epoch intervening. Animal life is represented by shell, bones and extinct animals; stone implements, used by savages, mammoth or woolly haired quadrupeds and man; plant life by existing plants in the arctic and temperate zones." —11

## **THE FUTURE CONTINENTS OF "NUMERICA" AND "NULANTIS"**

### **Chapter 16**

"The question has frequently been raised relative to the location of the oldest lands on earth. Facts that may not be fully understood offer a clue by which the best obtainable facts may be logically deduced. —1

"Leaving out the First and Second Continents at or near the North Pole, we drop down to about Latitude 40 degrees North, and as we travel around the globe we note three places existing on earth today, which have existed with slight changes from the earliest time. —2

"Our starting point is a portion of the western hemisphere including California, and portions of the land on every side of it. Going west about one third of the way around the globe, we find Japan. One portion or another of the present islands of Japan has been in existence about the same length of time as California. Traveling about one third farther, we come to Spain. Spain is the oldest land in the European section and with temporary changes has been above

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water the same general length of time as California and Japan. Spain, as you know, eventually became inhabited almost exclusively by the Jews, for as the chosen race, as they claim to be, they were led to settle there, almost to a man, giving up their homes in America, Russia and Europe generally. They, as a group, represent the largest class on earth at this time, as there has been submergence of most parts of the earth, they formerly lived in. —3

“Dropping down to the southern portion of the globe we find a parallel there, Easter Island off the western coast of South America, is as old as any land in that part of the world. Again going west about one third of the distance around the globe we find the Australian group, portions of which have existed for a similar length of time. Then going on around the globe again about one-third, we find the southern part of Africa existing for the same general length of time as the other two lands below the equator. —4

“This gives six projections of land that seem to have something primary about them, notwithstanding cataclysms affecting the land of which they have been a part, they have remained. They seem to be anchors for the continents of the past that have persisted

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in spite of all destruction and changes that have taken place on earth. —5

“These sub-poles of the earth, together with the original lands make seven bodies of land on earth that seem destined to remain above water for the remainder of time barring temporary inundations. California seems to represent the largest area of these seven. —6

“From the best information obtainable up to a century or so ago the Fifth Root Race Continent was expected to come to the surface in the Pacific Ocean. Investigation for many years has shown that volcanic eruptions were changing the floor of the ocean in many places. —7

“Scientific investigations have now determined that the next large continent will have its northern portion as part of or near Alaska, where very large islands have already arisen, and are being joined to one another, and will extend on the west at least to Japan and possibly on down to include the Philippines, then across the Pacific south of Hawaii towards Central America, and up the western coast of the United States which will be its eastern boundary. —8

“When this continent has completely

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arisen, which I have named "Numerica," much of the former land will have probably sunk beneath the sea. A smaller body of land has already arisen in the Atlantic. This may be only temporary. If it remains it will become part of the later Sixth Root Race Continent, which I am naming "Nulantis."  
—9

"The center, of the coming Sixth Root Race Continent, "Nulantis," has been defined by those who have been studying the subject, as being in South America. If that proves true, it is reasonable to assume, that the boundaries of that continent will be within the four points of land which have existed from earliest times. This places it between Easter Island on the southwest, the southern portion of Africa, another fixed land, Spain on the northeast and California on the northwest, all fixed lands, or sub-poles of this earth. These general boundaries are based upon claims that the center of that continent will occupy the center of the recent South American continent. Fixed lands or sub-poles, are always found in continents that have already existed. They seem to be an-

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chored as it were, to the internal structure of the earth's frame. —10

“Should this reasoning prove true, based upon what has already occurred in all parts of the globe, then there will be a vast ocean, probably covering Asia and much of the Pacific Ocean of today, as well as other parts of the globe. To what extent these apparently fixed lands may prove anchors for future continents cannot be definitely known. —11

(Map No. 15 shows the approximate boundaries for the Fifth Root Race Continent, “Numerica,” and the later Sixth Root Race Continent, “Nulantis.”) “You will be interesting in hearing a description of these lands. —12

“It is clearly evident in studying locations of past lands of this globe, that there is no hit or miss scheme in the laws of nature. What takes place is based upon some scientific plan of action which we have not as yet discovered. There is a reason why certain parts of the globe have had land above the water for given periods of time and why other portions have not. Likewise why those parts which have had land, have not retained them longer than they have. Lands have

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appeared, remained for a while then disappeared in ages past, and will continue to in the future. —13

“Excepting for the first and second continents close to the North Pole which we will not discuss now in the determination of other lands that have appeared and disappeared, we do know that portions of the continent of Lemuria are among the oldest existing lands. The main continent of Lemuria existed for a period of millions of years. According to all geological evidence of life, we may consider this period of time to be about one fifth of the time, that the lower forms of life will exist on this earth. As a matter of fact it began just about the time the earth cooled sufficiently to enable physical life to exist here, and continued until the entire continent of Lemuria had disappeared beneath the seas. —14

“Roughly speaking we may locate this land as existing from about the Meridian to about Longitude 150 degrees East, and from Latitude 40 degrees North, to about 50 degrees South. Of course land existed from time to time outside of these general boundaries and



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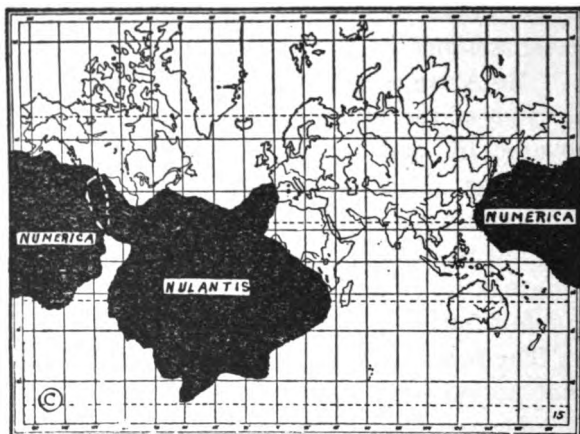
large bodies of water were located within these confines. —15

“The Atlantean period is the second great division of the surface of the globe that was covered by continents that remained above the water. This necessarily includes some of the Lemurian period, and that of the present age, but in itself it is sufficiently distinct and separate to enable us to define and distinguish it for our purpose. —16

“The boundaries of this great continent at that period were east from about Longitude 150 degrees East, towards the North American continent, crossing to where Europe and Africa were, on to about Longitude 50 degrees East; from about the equator on the South, to Latitude 50 degrees North. Portions of land in the Pacific broke up shortly and were severed from America, leaving an independent continent originally a portion of Atlantis, close to the Atlantic shore, which by some has been called the continent of *Pan*, that formed in the Lemurian period. —17

“The part of the continent of Atlantis no longer existing but lasting the greatest period of time, included most of North America and southern Europe and western Asia. This

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MAP NO. 15—LOCATION OF FUTURE FIFTH ROOT RACE CONTINENT "NUMERICA" AND SIXTH ROOT RACE CONTINENT "NULANTIS."

was the second great division of land, and existed and will continue to exist for approximately the same period of time as the major portions of Lemuria did. —18

"The lands found on the map of a century ago have been in existence only for a comparatively short period of time. They have in the main millions of years of existence. Portions of them will from time to time unexpectedly disappear or reappear as they have recently done, as the next group of

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lands begin to arise that will form the next and future continents. —19

“It is evident that all sections of the globe excepting at the poles should have land above the waters for approximately the same length of time. Such portions of the globe as have not yet had land for their share of time, may yet expect it. —20

“In studying the eruptive conditions of the lands and ocean bed of the earth it was long ago determined by the *British Association for the Advancement of Science*, and others that in many places in the Pacific Ocean new lands are rising due to volcanic activity and adjustment of the earth’s surface, and that these conditions have been going on for a considerable period of time. New islands and areas have arisen or come to the surface and others are gradually doing so. —21

“In studying portions of the earth that have not yet been favored by land, for long periods of time, and eliminating general sections possessing it for the greatest length of time—two principal locations remain on the globe which future lands will occupy. —22

“We find that Lemuria was anchored, so to speak, to four points of fixed land, four

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sub-poles that have been above water almost continuously since land arose. These lands were Australia, Japan, Spain and Southern Africa. The second great division of lands, that of the Atlantean period, was also anchored to fixed lands or sub-poles—Spain and California. —23

“From the lands coming to the surface in the Pacific ocean at the present period, we can without other means, assume that they will be finally attached to certain fixed lands, or sub-poles, as all former great continents or land groups have been, thus complying with the law of continents. We see California as the eastern coast and Japan close to the western boundary, though the western coast may be on the present Asiatic continent; both Japan and California being fixed lands or sub-poles for the new rising continent to anchor to, as it emerges from the waters of the Pacific. It will, however, require thousands of years for the new lands to complete their development. This land has started to rise in the northern Pacific close to Alaska. Running down towards Japan it will possibly extend as far south as the Philippines, swinging east to include Hawaii,

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and over to include California, up the western coast of the United States to the starting point, near Alaska. It is estimated that the approximate length of this continent will be about 4000 miles. —24

“When the next continent (Numerica) has had its day, only a relatively small portion of the earth’s surface will remain that has not had its share of land above water for its proportionate period of time. There is a very positive feeling among certain investigators, that the approximate center of the last large land (Nulantis) that will come to the surface, following the gradual disappearance of the lands that are now rising in the Pacific (Numerica), will be close to the center of South America. That seems entirely reasonable from a study of the areas on the globe’s surface unused for land purposes for their proportionate period of time. If that proves to be true, we may look for Easter Island off the western coast of South America to be close to its more or less southwestern boundary, for Easter Island is a fixed land or sub-pole. From there it will probably trace its western shore up to and include California, also a fixed land though it may extend far-

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ther north than that. Then eastward to and possibly including the fixed land of Spain, and southward to include the fixed lands of Southern Africa, thence westward again toward Easter Island. Not unlikely land will extend down and include the south pole for the final continents on earth, in which case it will have covered the entire surface of the globe with land, giving it equality with the North Pole lands, which may or may not exist at that time. —25

“A careful study of the globe will show then that there remains scarcely a spot upon it that has not shared its responsibilities in supporting and sustaining life on this globe. —26

“In analyzing backwards to obtain a basis for reasoning forward, there seems to be a belief that as mankind is advancing mentally and spiritually, and has been since the time of Lemuria, the race of mankind to develop on the next continent (Numerica) will be so much farther advanced; that by its close it

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will have begun to cast aside its material aspect to a great extent, and will have taken on a more decided ethereal development. If this is the case we may look for similar development such as the human race made preceding the continent of Lemuria and later developing upon it, but in reverse order. Instead of the ethereal body of men becoming more and more material as it did to begin with the line of reasoning clearly indicates that in future ages the reverse will take place. Instead of the ethereal man becoming more and more material, as he was prior to the time of Lemuria, ethereal and spiritual development will come into the ascendancy. Man is in a state of evolution. —27

“Then man will develop along lines requiring less and less of the material, on the sixth continent (Nulantis) during its later ages. Whether there is a great land on earth or not, will be of secondary importance, for during this period of millions of years if conclusions prove true, man will cast aside his

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physical body having no further physical need for it. He will be as nearly astral as when he first came to this globe. The final continent will find man, as invisible and ethereal in form and life, and again passing whether to another sphere for further development or where! who can tell \* \* \*.

—28



## AGE OF THE WORLD

### Chapter 17

“There have been so many tremendous catastrophes on earth during the millions of years of its existence that to attempt to classify and group them would be impossible in limited space. A few will be mentioned that have been of marked significance to mankind because of their effects upon the entire life of this globe. The conditions and environments under which life continued in many instances entirely made over old types. Thus far there have been three major catastrophes, astronomical as to primary cause, which have affected the earth independent of other causes on earth, that have brought about catastrophes as well. The same causes producing these major catastrophes here, will, as ages pass, produce three more of an equally revolutionary nature. Each of those following the first, has been less and less severe. —1

“Without going into a lengthy scientific discussion of the causes producing these catastrophes, it may be said that the planetary system in which this earth and sun with

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its other planets move, is of itself but a part of a greater planetary system, wherein at pre-determined periods of time calculable astronomically, spheres in our planetary system come into more direct influence with the forces of the larger planetary systems of which ours is but a small part. As each of the spheres in our smaller system, as well as each in similar, smaller systems contained in the larger system, comes under the influence of the central planetary system and its sun, a phenomenal agitation of the ether or electrical force is produced. Electrical forces act directly upon this earth as well as upon each of the other spheres, and bring about changing conditions producing upheavals within the earth that affects it from without. So in ages past, the earth has since its existence as a habitable globe, been visited three times with dire results. Three more similar visitations are in store for it, calculated astronomically, but these will occur in future ages. The calculations relative to past and future are sufficiently clear to warrant setting them down with considerable accuracy. It is unnecessary to work out complete figures relating to future cataclysms, only general periods of time interest us. —2

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“The earth existed in its formative period before life came to it, for 4,320,000,000 of our years. —3

“The first great division of the race of mankind on earth existed for a period of about 575,877,000 years before the first major cataclysms occurred, the greatest we shall ever experience. In the early formative state of the earth, it was unsettled physically. Great quantities of vapor and gases were contained in it of a combustible or antagonistic nature and hung about it in such quantities, that when the earth at the end of the period of the first division of man kind, came within the powerful astronomical influences of the greater planetary system, the ether or electrical forces developed phenomenal agitation of these gases, setting fire to, and exploding great pockets of these antagonistic gases sufficiently confined within the forming crust of the earth, and consumed vast amounts of the gases about it. These reactions disturbed much of the earth’s forming surface, producing disruptive action of a different type from that of today, which has never since been equalled upon earth. This affected practically all forms of life then attempting to

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manifest in advanced stages. Ages passed and under changed conditions the earth became normal for its state of development and life again advanced under its new environments, thriving until ages later when the second major cataclysm occurred. —4

“The second great division of the race of mankind, developed following the first major cataclysm and existed for a period of about 518,400,000 years. But the new conditions of life changed types and altered much of what had existed in the preceding period. At the close of this second period the second great cataclysm took place. It was caused by the same general conditions, and produced very much the same results on earth, only the amount of gas was less than before and the resulting havoc was relatively smaller. Life now beginning to manifest physically was again practically wiped out and the new conditions again developed other changes in types and habits of existence and manifestation. —5

“The third great division of mankind on

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earth developed, following this second major cataclysm, and continued for ages. It lasted for a period of about 542,988,000 years when the third great cataclysm came to the earth, for similar reasons and with similar results to life, excepting, its effect was less disastrous as the gases continued to decrease. Following this catastrophe, life renewed itself under altered aspects producing radical changes in type and habits of its existence.

—6

“The fourth great division of mankind began following this third catastrophe and existed physically for a period of about 18,616,000 years to the Birth of Christ. This fourth great division of mankind is still on earth and will continue for a period of about 18,400,000 years more before it will be wiped out. At that time the earth will again come within a planetary influence of the larger planetary system, bringing about similar results as in former cataclysms, but with lessening severity as the gases in and about

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the earth are rapidly lessening as time passes. —7

“Since the earth first evolved to the Birth of Christ about 6,275,800,000 years have elapsed. Since the First Root Race of man first came to earth, to the Birth of Christ, about 1,655,882,000 years have elapsed. It is estimated astronomically that the earth will continue to exist as a habitable sphere, for a period of about 13,764,000,000 years. —8

“The fifth great division of mankind following the next major cataclysm will develop under new conditions and environments continuing for a period of about 518,900,000 years when the fifth major cataclysm will practically wipe life from the earth, again redeveloping. The change in man and life in the fifth great period will be marked, developing in reverse order from that in which it developed in preceding periods. By the close of this division, man physically will have begun to throw off much of the material nature and the ethereal will begin to manifest itself,

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and in the next two great divisions, mankind will eventually return to the same condition in which life came to the earth. —9

“Following the fifth great catastrophe to the earth, the sixth great division of mankind will evolve and continue for a period of about 545,000,000 years, when the final astronomical cataclysm will take place on earth and the great sixth division of mankind will be succeeded by the seventh. —10

“Following the sixth major cataclysm the seventh and last great division of mankind will develop and continue for a period of about 11,000,000,000 years. At the close of the sixth division of mankind he will have practically thrown aside all his material and physical nature and body, and be ethereal in substance and requirements. In the seventh division of mankind he will become entirely ethereal, physical life and conditions will mean nothing during this last period on earth. While he will inhabit the earth he will require neither material sustenance nor

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protection, and as there will no longer be a physical body to house his ethereal self, therefore there will no longer be death on earth for him. As he finally reaches the completed state of his evolution, he will leave this earth as a life germ, or "swarm" as Edison called it, and go elsewhere, possibly for further evolution and development. —11

"As you remember, Madison A. Buck confirmed this for he gave these matters much exhaustive study scientifically and astronomically. —12

"The great catastrophes mentioned above are merely the major ones. In the past there have been thousands of other events of varying degrees of intensity. From minor shocks which have shaken large portions of land sending them into the sea and from volcanic outbursts that have wrought havoc over tremendous areas of the earth's surface to and including minor adjustments gradually resulting in infinitesimal damage to small portions of the earth with limited loss of life. I



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will not attempt to enter into details regarding these lesser events, aside from that already mentioned. —13

“Lord Kelvin, the great English scientist, as you probably remember, in his essays, gave his estimates of the age of various periods of the earth, which correspond to a remarkable degree with these figures astronomically determined. His estimates of 400,000,000 years since the earth cooled enough to allow life as we know it to exist agrees exactly with the figures I have given. Others of the highest standing in the past who have estimated the earth’s age, while not always in perfect agreement, have in most cases approached very close to these figures. Prof. John W. Gregory of Glasgow, as far back as the year 1921 estimated the earth’s substance to be not less than 8,000,000,000 years old. This he estimated from the amount of salt in the earth, and known periods of time to produce certain fixed quantities of it. Lord Rayleigh, another English scientist in the year 1923 basing his conclu-

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sions on the rate of decomposition of the radio-elements, stated the age of the habitable earth, to be about the same period as given by Lord Kelvin." —14

## WHAT WOULD HAPPEN IF A COMET SHOULD STRIKE THE EARTH

### Chapter 18

“There has been much speculation among scientists and laymen regarding results, if our Earth were to be struck by a large comet or another planet. The size of the colliding body would to a great degree determine the effect. The next question would be whether the visitor from the sky was a live, burning body or one of the dead worlds found in the heavens, such as the moon and other extinct globes. If the size in either case were sufficient, our Earth would naturally be shattered into fragments. If the visitor were relatively smaller than our Earth then doubtless it would be smashed upon our surface. Harm to us would result according to the force of the impact, varying from a severe jarring to splitting a great opening in the earth. If the visitor was a burning ball of fire, added danger from heat and combustion would probably consume all that was combustible upon earth, including all physical forms of life.

—1

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“Prof. William Henry Knight, who at the time as President Emeritus of the Astronomical Society of Los Angeles, described forcefully what might be expected in the burning up of a great planet, or even our own Earth, when he said: —2

“Many years ago an unusually bright star appeared in the heavens which in answer to the question, What Would Happen in the Nova Cygni Sublime Stellar Conflagration Near the Southern Cross in the Constellation Cygnus, in the Incineration of That Planet and Its Inhabitants, he replied to as follows: —3

“The astronomer notes a series of correlated facts concerning a certain class of events in the celestial spheres. He uses that wonderful intellectual faculty imagination—in forming conjectures as to the nature and causes of those events. He sorts out the conjectures and formulates an hypothesis. He modifies the hypothesis till all the observed facts conform to it, and then establishes a theory. Observation, imagination, conjectures, and hypothesis, were successfully employed in establishing the Copernican theory of the solar system, the theory of light-waves

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produced in an all-pervading ether. The theory of chemical elements and affinities, and the theory of cosmical and biological evolution. —4

“For the purpose of this account let us give play to our imagination and indulge in one of the many possible conjectures concerning the new star which recently flamed out in the constellation Cygnus, and whose splendor is now rapidly fading, and will soon be only telescopically visible. —5

“Away out in the profound depths of space, on the edge of that mighty aggregation of one hundred million suns—the Milky Way—so inconceivably remote that its light, traveling at the rate of 186,000 miles per second, has occupied two hundred years in its swift journey to the earth, there was a great sun comparable with our own sun in size, and moving like our own sun, at the rate of twelve miles per second as it was threading its way among the stars in its neighborhood, astronomically speaking. Let us, for convenience call this bright heavenly body Lucifer. —6

“In another quarter of those distant heavens another star, as large as Jupiter which

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is 1300 times larger than our earth, was flying with the tremendous velocity of 50 miles per second along an independent course. But their paths seemed to be converging. Was there a possibility that the vagrant star would plunge through the magnificent solar system governed by Lucifer, and possibly collide with some of its planets or satellites?

—7

“A planet similar in size and biological development, and distant from the central orb as our earth is from the sun, was revolving round Lucifer, and its astronomers noted with great interest a faint new star in their sky. For weeks and months it continued to grow brighter and brighter, with but slight change in its course—an indication that it was making a direct approach towards Lucifer, and then scientific curiosity gave place to alarm and dreadful apprehension. —8

“Nearer and nearer the vagrant star came, now rivalling the most brilliant stars in the nightly firmament, and later shining forth in the full light of day. A thousand computers were at work calculating the rate of its approach and the precise path it would pursue. Would it dash into Lucifer and produce a

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catastrophe destructive to the nearer planetary worlds, or would it clear the central luminary and pass swiftly but harmlessly by?  
—9

“Opinions were divided as to the outcome! One class pointed to what they regarded a mathematical certainty that there was not one chance in many millions that two great worlds would actually collide, and insisted that these two worlds were not destined to meet such a fate, but the new star now flying along its blazing path at the tremendous rate of 165 miles per second, would surely escape the central luminary, and, its course slightly deflected by the attractive power of the mighty central orb, it would speed harmlessly by. —10

“But the other class, prompted by more cautious instincts considered the adverse side of the question. Suppose the new star should actually dash into their Lucifer, what would be the result! Here again opinions were divided. The optimists thought there would be a magnificent outburst of Lucifer flames, well worth watching and studying, but attended with no serious inconvenience on the planet; while the pessimists insisted,

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and their views predominated that sufficient heat would be engendered to destroy all life on their mundane sphere, and to its inhabitants this dire event would be the end of the world. —11

“At length the new star, speeding with accelerated velocity was within one hundred million miles of Lucifer, and rushed flaming by the planet not more than fifteen million miles away, leaving a touch of its hot breath as it rushed to its doom. Meantime the astronomers on the planet were kept busy—taking hourly observations, comparing notes, and refining their calculations for greater precision, and presently the date, hour and very moment of the collision was definitely fixed. —12

“The star was now rushing to its fiery goal at the rate of 15,000,000 miles a day, and on the 16th day of the month at 2:11 P. M., would make its tremendous plunge into the awful furnace depths of Lucifer. But, while the catastrophe would be instantaneous and overwhelming, while the two great worlds would be shattered into fragments and these fragments would be melted and converted into fiery vapor whose tongues of



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flame would reach out many millions of miles in every direction, yet, there would be an interval after the collision before the fierce outburst of flames would reach and envelop the planet and bury it in the general catastrophe. —13

“In the early sixties an ocean steamer was storm-bound off the Oregon Coast and driven on the rocks. The passengers were terrified and frantic. The captain calmed them with sensible words. He said that the vessel would hold out about four hours, when the tide would rise and release it, and it would then sink with all on board. But all must die at some time and as their present fate was inevitable, all should face it with resignation and dignity. His words and cool demeanor had the desired effect. Mr. Nesbit, editor of the San Francisco Bulletin, was on board and calmly wrote a story of the wreck, the interval of suspense and the remarks of his companions. This narration, sealed in a bottle, floated ashore, and gave to the world a graphic report of the thrilling scene where a ship’s passengers and crew faced certain death with sublime courage and equanimity. —14

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**“So on this noble planet, which through millions of years has been developing from chaos to a habitable globe, on this planet which was revolving around Lucifer, a great sun on the confines of the Milky Way, the astronomers, scientific men and journalists, fully realizing their impending fate, calmly viewed the progress of the menacing star, and resolved to observe and record the behavior of the two mighty celestial bodies before, at, and after, the impact of their tremendous masses. Yes, they would contemplate the scene as a sublime spectacle vouchsafed to the denizens of no other world in the Universe for many aeons to come. And they would enclose these records in hastily prepared metallic receptacles and bury them in deep mines and caverns for the enlightenment of future generations that would perhaps, in the course of astronomical ages, re-people the revived planet. Their minds were filled with the grandeur of the promised spectacle, rather than with the certainty of their fate—a universal cremation. —15**

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“At length, the fateful day arrives. The inhabitants of the planet, after a restless, feverish night, rise pale and haggard, and mechanically engage only in absolutely necessary duties of the day, casting, now and then, momentary glances towards Lucifer and the star, which are now separated by an insignificant interval. —16

“Business is practically suspended. Smoked glasses are in the hands of anxious little groups. A kindly tone prevails in their intercourse with each other. Deadly fear of their impending fate on one hand, and hope that the catastrophe will be averted on the other, alternately prevail in the same breast. —17

“The awful hour approaches. Intense anxiety and suppressed emotion are depicted upon every countenance. Some, though fully conscious of the impending danger are calm and philosophical; others, giving way to their over-wrought feelings, are hysterical and

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even maniacal. Still others intellectually unable to grasp the situation, wander about with a vacant stare, trying to comprehend the nature of the forebodings of their fellows. —18

“The cataclysm is predicted for 2:11 P. M. precisely. All the clocks and watches have been accurately regulated for the day. The hour hand has passed the numerical 11 on the dial. The minute hand is closing upon the hour hand. They join, and in one minute more the fate of the world will be decided. Not so; the now impatient and expectant world are reminded that an interval of eight minutes is required for light to traverse the distance between Lucifer and the planet. It is eight minutes of awful anxiety and suspense. Meantime the unappraised have turned from the scene with a sense of relief and momentary dawn of hope. —19

“But the hope is of transitory duration, for look! It is precisely 2:19 P. M. and great flashings are seen to project from Lucifer on

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all sides, and simultaneously intense ether disturbances render all telegraphs and telephone lines useless. The atmosphere is supercharged with electricity. Wider and wider extend the awful flames of Lucifer as he blazes forth with blinding effulgence, inconceivably grand. How soon will these fiery darts reach the planet! Meantime, the little world continues to rotate on its axis and the terrible vision sinks below the horizon, leaving an unwonted glow in the western heavens long after Lucifer disappears. —20

“Happily with darkness and the absence of the dread spectacle comes a temporary sense of doubt as to immediate danger, and a feeling of relief and reaction from the intense mental strain of the previous day. The morning dawns, but much earlier than its wont, for tongues of flame dance in the eastern sky. At last, Lucifer himself, an immense ball of fire, of insufferable brightness with a disc a hundred times its normal size,

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peers above the horizon and the intolerable heat drives every person to the best shelter he can find. Every moment it becomes hotter and hotter; every moment thousands of beings succumb to the increasing heat and perish. —21

“At length, amid indescribable anguish, the houses and trees and all inflammable objects leap into flames and a general conflagration ensues. A few who have crept into mines and caves merely prolong their agony, and presently the fate of their brothers on the surface is theirs, for the entire exterior shell of the planet is incinerated. —22

“After the magnificent outburst of flames caused by the dire impact of a wandering star with Lucifer had reached their utmost limit, after the inflammable gases and vapors had spent their first fierce energies in the grand stellar bonfire, the rapid radiation of heat from the enlarged periphery of the newly developed sun caused a rapid subsidence of its energies, and in the course of a few months the temporary giant of that por-

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tion of the Milky Way in which it was pursuing its course, our magnificently brilliant temporary sun Lucifer, resumed its former estate and lustre, to modestly shine an inconspicuous member of the Galaxy during the countless ages of its future uneventful destiny. —23

“But what of the planet, whose plant and animal life were consumed in that fearful conflagration? It will roll on for many ages, a blackened sphere, but the oceans which had been lifted into clouds of hot steam, will return to their beds, the tempered rays of the sun and the newly cooled atmosphere will resume their life giving functions, and erosion, chemical action, and nature’s kindly work, will again mantle the hills with living green, the vales will be peopled with happy denizens and the process of evolution will refill the revived planet with bright intelligence. —24

“Thus this transformation of a charred earth into a beautiful inhabited globe will consume a period of millions of years, but

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that period is only a moment in the great eternity. In His sight a thousand years is as one day and a day is as a thousand years."

—25



## **END OF THE WORLD**

### **Chapter 19**

**“Astronomy teaches many facts regarding condition in the heavens. The earth is a sphere like other spheres in the great universe of space, and so long as it continues to be guided and controlled by similar laws as other spheres we may look for similar results. —1**

**“Planets, stars and spheres as well as other visible bodies in the heavens, show varying degrees of development and differing conditions. While the knowledge of exact conditions upon most of these bodies is yet to be discovered, logical theories have been built up regarding them and comparison enables one to obtain some understanding of conditions that may be expected upon this earth as time passes. —2**

**“The moon, one of the closest bodies to this earth has been brought very near to us by the modern telescope and photography and enlarged photographs in fine detail have been made, which when arranged in their proper order present a picture of the moon**

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that is more than one hundred feet in diameter. The mountains, valleys and craters which in the past have been speculations, based entirely upon theory, show these deductions and surmises to have been entirely correct. —3

“Various theories have been advanced as to the ultimate end of our globe. While some are more popular than others nothing absolute is known. The picture that I shall present may in time come to be accepted, as others have. What could be more logical, than that this earth should in time gradually dry up as the moon has, the remaining waters sinking within the bowels of the earth, and the atmosphere about the earth changing because of loss of vitality by the earth and a weakening of the attraction of gravity? Centrifugal force constantly throws elements which have been held to the earth by gravity, farther and farther away from it, until they finally reach a point where the attractions of the earth can no longer hold them. —4

“As this earth attraction weakens and decreases, it finally reaches the point where large masses of matter formerly of tremendous weight when the attraction of gravity

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was normal, now no longer require any special strength to toss high into the air, and it may be, if they can be thrown far enough into the lessening atmosphere, they will reach a point where centrifugal force will hold them above the earth as it balances evenly with the faint remaining force of gravity. —5

“The point may be reached where gravity no longer exists on this earth, then there will be a gradual falling away from it of loose elements and as this increases it will be only a matter of time before the few remaining portions, some large, some small will no longer be held together, but will travel through space, first in the line of the earth’s attraction, slowly separating, then gradually one at a time falling by the way, disappearing into space as they travel here and there. —6

“On the other hand, if the fires within the earth do not entirely burn out, and if the earth is knocked from its course by a wandering comet or world, it will as a free agent without law or order travel in one direction or another, burning more and more brightly because of new conditions and its rate of

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speed, until it either burns itself out and disintegrates, or strikes another planetary body and is shattered to pieces. Possibly in its flights it will shower nearby spheres or newly forming worlds with masses of its elements, until in time it is entirely dispersed. —7

“All physical life will have disappeared before the earth reaches the end of its existence. But life, invisible to mortal eyes may continue to hover about it for ages.”—8

---

### THEN WHAT!

“Dr. Hood, that was a remarkable journey we have just taken, highly instructive and most entertaining. Let me see if I have it all clearly in mind now. —1

“First we saw the earth forming by electrons or “lines of force,” “projected” in the ether for that purpose. Gases and vapors formed, and in time condensed as the heat lessened, the elements of higher temperature condensing first, followed by elements of lower and lower temperature until there remained practically nothing in vaporous form but the lightest gases, air and water vapors; then rain fell, and in due course the earth was covered with water. Then internal heat burst-

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ing great openings in the hardening crust, formed land above the waters which became harder and firmer as the internal heat decreased and lessened. Then "ethereal" "thought forms" of life, or "swarms" of life came to this globe, first in invisible form. As ages passed they became more and more condensed and absorbed the material elements about them, until they developed into materially manifested forms of physical life. —2

"At first these forms of life possessed only instinct; as time passed the higher form of life, man, developed intelligence and mind which distinguished him from the animals about him. These first ethereal forms of man were without sex. As he became more and more physical and material he began to develop sex instinct, and to reproduce his kind, developing various forms of sex manifestation, finally becoming hermaphrodite, then separating into two separate sexes as we now know him. —3

"Man in his first state on earth needed no mind for he had ethereal perception of all necessary knowledge. This was followed in the second great period by intuition as he became more and more material and less ethe-

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real. Ethereal understanding or perception was replaced by more material conditions. In the third great period ethereal perception rapidly left him, and intuition became balanced with instinct as he developed the physical and animal nature. In the fourth great period ethereal understanding practically left him and intuition became of greater value. He became endowed with mind and intellect. This he used jointly with the intuition he still retained. This reached the highest state of development in the late third and early *fourth sub-races* of the fourth great period when he intuitively knew the laws of nature and the universe. His memory retained for instant use all that had ever come to his attention. But he lacked the power of reasoning and association of ideas which developed shortly after, as the intuitive faculties began to die out, and the "third eye" ceased to function. In the present *fourth sub-race* of the present great fourth period, man's intelligence and mind have reached their highest stage of development. As the fifth and following great periods follow, a return of intuition will result, but no lessening of the intellect or pow-

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ers of reasoning. This will give him the greatest mental capacity he has ever known, and will continue until he begins to cast aside his physical body replacing it with ethereal understanding and perception as in the first great period. —4

“As man in the third great period became material he reached the lowest point, in the physical “fall of man.” As his mind developed he gradually recovered from it. In the present *sub-race* of the present great period he reached the spiritual “fall of man,” the Adam and Eve period about 5,300 years B. C. the lowest point he could reach intellectually through misapplying the forces and laws of nature. From that period on he has been constantly ascending in spiritual development and evolution. This will continue until the end of the seventh great period of man on earth when he will again cast aside his physical body that houses the ethereal or “shadow” form of life, and the “swarm” of life will pass on to other worlds or stages of consciousness. —5

“I gather from all that I have seen that we of today are merely the materially manifested forms in which the life elements de-

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velop and improve in passing along the *Thread of Life*, and when the physical body is cast aside, the "swarm" of life continues as before manifesting again and again until the end of its period of time on this earth, when it will take up its course elsewhere. The death of the material or physical body means nothing for it is nothing in the great course of events, more than the dust of the earth about us. —6

"Again I gather that the permanent spiritual idea proceeds from the Creator. "Swarm" life or "essence of life" manifested its first step materially on earth as the "ethereal shadow form." That this "ethereal" manifestation is no more permanent than the physical body that later contains it. That the "ethereal" man then become more dense by becoming clothed in his "astral" body, which is even less permanent than its earlier state, and that the "astral" body which is not visible to ordinary sight, next manifested itself in the physical body. —7

"As I understand it the "astral" body corresponds to the human mind or soul of man, consequently is not permanent, and should not be confused with the spiritual idea of



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man, which is eternal and unending. —8

“As man in the fifth, sixth and seventh great periods of his existence, throws aside his physical and animal natures, the spiritual nature will again begin to manifest itself. When this takes place the material body will cease to house man and he will become “astral” again as he advances towards the “ethereal” state; later the “ethereal” passes out of existence and only the life germ, the “swarm” the perfect idea of man will continue to exist. —9

“As the physical, “astral” and “ethereal” are but temporary manifestations and abodes of the “swarm” of life essence, each of these degrees of manifestation are temporary, therefore not permanent and everlasting; not real in the sense of eternal permanency. —10

“Again it is clear to me that from the beginning of life on this earth, there has been a struggle for supremacy between the spiritual forces on one side, and the material forces on the other. The spiritual lost its hold when ethereal man began to lose his identity, and the astral man, later the physical man assumed control, but the spiritual is regaining the ascendancy again, and is grad-

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ually controlling the physical and material. It will eventually overcome these forces, eliminating therefrom its grasp and possession of life. When that period has been reached, "swarm" life will be indifferent to the existence of the material world. It will have accomplished its turn and be ready for further advancement, finally awakening from its dream of life in matter." —11

"You are right," said Dr. Hood, "I am glad you have seen the one important thing that is back of life, the true spiritual idea of man and the universe, for that alone is permanent which is real and eternal. All temporary material manifestation of life is not permanent and has consequently no reality in eternity. The "mist of matter" is what befogs our understanding of truth and reality. —12

"This will give you much to ponder over, and when you grasp its full significance, you will have far more comprehension and understanding of the infinite and finite." —13

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