

No. 29.

February, 1896.

TRANSACTIONS
OF THE
London Lodge
OF
THE THEOSOPHICAL SOCIETY.

ATLANTIS

A GEOGRAPHICAL, HISTORICAL, AND ETHNOLOGICAL SKETCH.

Being the substance of an Address delivered at a Meeting
of the London Lodge, on the 21st January, 1896, by
W. Scott-Elliot.

Atlantis.

A Geographical, Historical and Ethnological Sketch.

THE general scope of the subject before us will best be realized by considering the amount of information that is obtainable about the various nations who compose our great Fifth or Aryan Race.*

From the time of the Greeks and the Romans onwards volumes have been written about every people who in their turn have filled the stage of history. The political institutions, the religious beliefs, the social and domestic manners and customs have all been analyzed and catalogued, and countless works in many tongues record for our benefit the march of progress.

Further, it must be remembered that of the history of this Fifth Race we possess but a fragment—the record merely of the last family races of the Keltic sub-race, and the first family races of our own Teutonic stock.

But the hundreds of thousands of years which elapsed from the time when the earliest Aryans left their home on the shores of the central Asian Sea to the time of the Greeks and Romans, bore witness to the rise and fall of innumerable civilizations. Of the 1st sub-race of our Aryan Race who inhabited India and colonized Egypt in prehistoric times we know practically nothing, and the same may be said of the Chaldean, Babylonian, and Assyrian nations who composed the 2nd sub-race—for the fragments of knowledge obtained from the recently deciphered

*There will be seven Root Races during our current cycle of planetary evolution. The Adamic, Hyperborean, Lemurian, Atlantean, Aryan and two yet to come. Each Root Race will have seven sub-races and each of these seven family races. For example: 4th Root Race—Atlantean, 7th Sub-race—Mongolian, 7th Family Race—Japanese.

hieroglyphs or cuneiform inscriptions on Egyptian tombs or Babylonian tablets can scarcely be said to constitute history. The Persians who belonged to the 3rd or Iranian sub-race have it is true, left a few more traces, but of the earlier civilizations of the Keltic or 4th sub-race we have no records at all. It is only with the rise of the last family shoots of this Keltic stock, viz., the Greek and Roman peoples, that we come upon historic times.

In addition also to the blank period in the past, there is the blank period in the future. For of the seven sub-races required to complete the history of a great Root Race, five only have so far come into existence. Our own Teutonic or 5th sub-race has already developed many nations, but has not yet run its course, while the 6th and 7th sub-races, who will be developed on the continents of North and South America, will have thousands of years of history to give to the world.

In attempting, therefore, to summarize in a few pages information about the world's progress during a period which must have occupied at least as great a stretch of years as that above referred to, it must be realized how slight a sketch this must inevitably be.

A record of the world's progress during the period of the Fourth or Atlantean Race must embrace the history of many nations, and register the rise and fall of many civilizations.

Catastrophes, too, on a scale such as have not yet been experienced during the life of our present Fifth Race, took place on more than one occasion during the progress of the Fourth.* The destruction of Atlantis was accomplished by a series of catastrophes varying in character from great cataclysms in which whole territories and populations perished, to comparatively unimportant landslips such as occur on our own coasts to-day. When the destruction was once inaugurated by the first great catastrophe there was no intermission of the minor

*There is a planetary configuration, an environmental construction, associated with each Root Race. This can be seen in the maps as well as in the other life forms, vegetable and animal, which coexist with a particular Root Race.

landslips which continued slowly but steadily to eat away the continent. Four of the great catastrophes stand out above the rest in magnitude. 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. The third—about 80,000 years ago—was a very great one. It destroyed all that remained of the Atlantean continent, with the exception of the island to which Plato gave the name of Poseidonis, which in its turn was submerged in the fourth and final great catastrophe of 9,564 B.C.

Now the testimony of the oldest writers and of modern scientific research alike bear witness to the existence of an ancient continent occupying the site of the lost Atlantis.

Before proceeding to the consideration of the subject itself, it is proposed cursorily to glance at the generally known sources which supply corroborative evidence. These may be grouped into the five following classes:

First, the testimony of the deep-sea soundings.

Second, the distribution of fauna and flora.

Third, the similarity of language and of ethnological type.

Fourth, the similarity of religious belief, ritual, and architecture.

Fifth, the testimony of ancient writers, of early race traditions, and of archaic flood-legends.

In the first place, then, the testimony of the deep-sea soundings may be summarized in a few words. Thanks chiefly to the expeditions of the British and American gunboats, "Challenger" and "Dolphin" (though Germany also was associated in this scientific exploration) the bed of the whole Atlantic Ocean is now mapped out, with the result that an immense bank or ridge of great elevation is shewn to exist in mid-Atlantic. This ridge stretches in a south-westerly direction from about fifty degrees north towards the coast of South

America, then in a south-easterly direction towards the coast of Africa, changing its direction again about Ascension Island, and running due south to Tristan d'Acunha. The ridge rises almost sheer about 9,000 feet from the ocean depths around it, while the Azores, St. Paul, Ascension, and Tristan d'Acunha are the peaks of this land which still remain above water. A line of 3,500 fathoms, or say, 21,000 feet, is required to sound the deepest parts of the Atlantic, but the higher parts of the ridge are only a hundred to a few hundred fathoms beneath the sea.

The soundings too showed that the ridge is covered with volcanic *débris* of which traces are to be found right across the ocean to the American coasts. Indeed the fact that the ocean bed, particularly about the Azores, has been the scene of volcanic disturbance on a gigantic scale, and that within a quite measurable period of geologic time, is conclusively proved by the investigations made during the above named expeditions.

Mr. Starkie Gardner is of opinion that in the Eocene times the British Islands formed part of a larger island or continent stretching into the Atlantic, and "that a great tract of land formerly existed where the sea now is, and that Cornwall, the Scilly and Channel Islands, Ireland and Brittany are the remains of its highest summits" (*Pop. Sc. Review*, July, 1878).

Second.—The proved existence on continents separated by great oceans of similar or identical species of fauna and flora is the standing puzzle to biologists and botanists alike. But if a link between these continents once existed allowing for the natural migration of such animals and plants, the puzzle is solved. Now the fossil remains of the camel are found in India, Africa, South America and Kansas: but it is one of the generally accepted hypotheses of naturalists that every species of animal and plant originated in but one part of the globe, from

which centre it gradually overran the other portions. How then can the facts of such fossil remains be accounted for without the existence of land communication in some remote age? Recent discoveries in the fossil beds of Nebraska seem also to prove that the horse originated in the Western Hemisphere, for that is the only part of the world where fossil remains have been discovered, showing the various intermediate forms which have been identified as the precursors of the true horse. It would therefore be difficult to account for the presence of the horse in Europe except on the hypothesis of continuous land communication between the two continents, seeing that it is certain that the horse existed in a wild state in Europe and Asia before his domestication by man, which may be traced back almost to the stone age. Cattle and sheep as we now know them have an equally remote ancestry. Darwin finds domesticated cattle in Europe in the earliest part of the stone age, having long before developed out of wild forms akin to the buffalo of America. Remains of the cave-lion of Europe are also found in North America.

Turning now from the animal to the vegetable kingdom it appears that the greater part of the flora of the Miocene age in Europe—found chiefly in the fossil beds of Switzerland—exist at the present day in America, some of them in Africa. But the noteworthy fact about America is that while the greater proportion are to be found in the Eastern States, very many are wanting on the Pacific coast. This seems to show that it was from the Atlantic side that they entered the continent. Professor Asa Gray says that out of 66 genera and 155 species found in the forest east of the Rocky Mountains, only 31 genera and 78 species are found west of these heights.

But the greatest problem of all is the plantain or banana. Professor Kuntze, an eminent German botanist, asks, "In what way was this plant" (a native of tropical Asia and Africa)

"which cannot stand a voyage through the temperate zone, carried to America?" As he points out, the plant is seedless, it cannot be propagated by cuttings, neither has it a tuber which could be easily transported. Its root is tree-like. To transport it special care would be required, nor could it stand a long transit. The only way in which he can account for its appearance in America is to suppose that it must have been transported by civilized man at a time when the polar regions had a tropical climate! He adds, "a cultivated plant which does not possess seeds must have been under culture for a *very long period* it is perhaps fair to infer that these plants were cultivated as early as the beginning of the Diluvial period." Why, it may be asked, should not this inference take us back to still earlier times, and where did the civilization necessary for the plant's cultivation exist, or the climate and circumstances requisite for its transportation, unless there were at some time a link between the old world and the new?

Professor Wallace in his delightful *Island Life* as well as other writers in many important works, have put forward ingenious hypotheses to account for the identity of flora and fauna on widely separated lands, and for their transit across the ocean, but all are unconvincing, and all break down at different points.

It is well known that wheat as we know it has never existed in a truly wild state, nor is there any evidence tracing its descent from fossil species. Five varieties of wheat were *already cultivated* in Europe in the stone age—one variety found in the "Lake dwellings" being known as Egyptian wheat, from which Darwin argues that the Lake dwellers "either still kept up commercial intercourse with some southern people, or had originally proceeded as colonists from the south." He concludes that wheat, barley, oats, etc., are descended from various *species now extinct*, or so widely different as to escape identifica-

tion in which case he says: "Man must have cultivated cereals from an enormously remote period." The regions where these extinct species flourished, and the civilization under which they were cultivated by intelligent selection, are both supplied by the lost continent whose colonists carried them east and west.

Third.—From the fauna and flora we now turn to man.

Language.—The Basque language stands alone amongst European tongues, having affinity with none of them. According to Farrar, "there never has been any doubt that this isolated language, preserving its identity in a western corner of Europe, between two mighty kingdoms, resembles in its structure the aboriginal languages of the vast opposite continent (America) and those alone" (*Families of Speech*, p. 132).

The Phoenicians apparently were the first nation in the Eastern Hemisphere to use a phonetic alphabet, the characters being regarded as mere signs for sounds. It is a curious fact that at an equally early date we find a phonetic alphabet in Central America amongst the Mayas of Yucatan, whose traditions ascribe the origin of their civilization to a land across the sea to the east. Le Plongeon, the great authority on this subject, writes: "One-third of this tongue (the Maya) is pure Greek. Who brought the dialect of Homer to America? or who took to Greece that of the Mayas? Greek is the offspring of the Sanscrit. Is Maya? or are they coeval?" Still more surprising is it to find thirteen letters out of the Maya alphabet bearing most distinct relation to the Egyptian hieroglyphic signs for the same letters. It is probable that the earliest form of alphabet was hieroglyphic, "the writing of the Gods," as the Egyptians called it, and that it developed later in Atlantis into the phonetic. It would be natural to assume that the Egyptians were an early colony from Atlantis (as they actually were) and that they carried away with them the primitive type of writing which has thus left its traces on both

hemispheres, while the Phœnicians, who were a sea-going people, obtained and assimilated the later form of alphabet during their trading voyages with the people of the west.

One more point may be noticed, viz., the extraordinary resemblance between many words in the Hebrew language and words bearing precisely the same meaning in the tongue of the Chiapenecs—a branch of the Maya race, and amongst the most ancient in Central America. A list of these words is given in *North Americans of Antiquity*, p. 475.

The similarity of language among the various savages races of the Pacific islands has been used as an argument by writers on this subject. The existence of similar languages among races separated by leagues of ocean, across which in historic time they are known to have had no means of transport, is certainly an argument in favour of their descent from a single race occupying a single continent, but the argument cannot be used here, for the continent in question was not Atlantis, but the still earlier Lemuria.

Ethnological Types.—Atlantis as we shall see is said to have been inhabited by red, yellow, white and black races. It is now proved by the researches of Le Plongeon, De Quatrefages, Bancroft and others that black populations of negroid type existed even up to recent times in America. Many of the monuments of Central America are decorated with negro faces, and some of the idols found there are clearly intended to represent negros, with small skulls, short woolly hair and thick lips. The Popul Vuh, speaking of the first home of the Guatemalan race, says that "black and white men together" lived in this happy land "in great peace," speaking "one language." (See Bancroft's *Native Races*, p. 547.) The Popul Vuh goes on to relate how the people migrated from their ancestral home, how their language became altered, and how some went to the east, while other travelled west (to Central America).

Professor Retzius, in his *Smithsonian Report*, considers that the primitive dolichocephalæ of America are nearly related to the Guanches of the Canary Islands, and to the population on the Atlantic seaboard of Africa, which Latham comprises under the name of Egyptian-Atlantidæ. The same form of skull is found in the Canary Islands off the African coast and the Carib Islands off the American coast, while the colour of the skin in both is that of a reddish-brown.

The ancient Egyptians depicted themselves as red men of much the same complexion as exists to-day among some tribes of American Indians.

"The ancient Peruvians," says Short, "appear from numerous examples of hair found in their tombs to have been an auburn-haired race."

A remarkable fact about the American Indians, and one which is a standing puzzle to ethnologists, is the wide range of colour and complexion to be found among them. From the white tint of the Menominee, Dakota, Mandan and Zuni tribes, many of whom have auburn hair and blue eyes, to the almost negro blackness of the Karos of Kansas and the now extinct tribes of California, the Indian races run through every shade of red-brown, copper, olive, cinnamon, and bronze. (See Short's *North Americans of Antiquity*, Winchell's *Pre-Adamites*, and Catlin's *Indians of North America*; see also *Atlantis*, by Ignatius Donnelly who has collected a great mass of evidence under this and other heads.) We shall see by and by how the diversity of complexion on the American continent is accounted for by the original race-tints on the parent continent of Atlantis.

Fourth.—Nothing seems to have surprised the first Spanish adventurers in Mexico and Peru more than the extraordinary similarity to those of the old world, of the religious beliefs, rites, and emblems which they found established in the new. The Spanish priests regarded this similarity as the work of the devil.

The worship of the cross by the natives, and its constant presence in all religious buildings and ceremonies, was the principal subject of their amazement; and indeed nowhere—not even in India and Egypt—was this symbol held in more profound veneration than amongst the primitive tribes of the American continents, while the meaning underlying its worship was identical. In the west, as in the east, the cross was the symbol of life—sometimes of life physical, more often of life eternal.

In like manner in both hemispheres the worship of the sun-disk or circle, and of the serpent, was universal, and more surprising still is the similarity of the word signifying "God" in the principal languages of east and west. Compare the Sanscrit "Dyaus" or "Dyaus-pitar," the Greek "Theos" and Zeus, the Latin "Deus" and "Jupiter," the Keltic "Dia" and "Ta," pronounced "Thyah" (seeming to bear affinity to the Egyptian Tau), the Jewish "Jah" or "Yah" and lastly the Mexican "Teo" or "Zeo."

Baptismal rites were practised by all nations. In Babylon and Egypt the candidates for initiation into the Mysteries were first baptized. Tertullian in his *De Baptismo* says that they were promised in consequence "regeneration and the pardon of all their perjuries." The Scandinavian nations practised baptism of new-born children; and when we turn to Mexico and Peru we find infant baptism there as a solemn ceremonial, consisting of water sprinkling, the sign of the cross, and prayers for the washing away of sin (see Humboldt's *Mexican Researches* and Prescott's *Mexico*).

In addition to baptism, the tribes of Mexico, Central America and Peru resembled the nations of the old world in their rites of confession, absolution, fasting, and marriage before priests by joining hands. They had even a ceremony resembling the Eucharist, in which cakes marked with the Tau (an Egyptian

form of cross) were eaten, the people calling them the flesh of their God. These exactly resemble the sacred cakes of Egypt and other eastern nations. Like these nations too, the people of the new world had monastic orders, male and female, in which broken vows were punished with death. Like the Egyptians they embalmed their dead, they worshipped sun, moon, and planets, but over and above these adored a Deity "omnipresent, who knoweth all things . . . invisible, incorporeal, one God of perfect perfection" (see Sahagun's *Historia de Nueva Espâna*, lib. vi.).

They too had their virgin-mother goddess, "Our Lady" whose son, the "Lord of Light," was called the "Saviour," bearing an accurate correspondence to Isis, Beltis and the many other virgin-goddesses of the east with their divine sons.

Their rites of sun and fire worship closely resembled those of the early Kelts of Britain and Ireland, and like the latter they claimed to be the "children of the sun." An ark or argha was one of the universal sacred symbols which we find alike in India, Chaldea, Assyria, Egypt, Greece and amongst the Keltic peoples. Lord Kingsborough in his *Mexican Antiquities* (vol. viii. p. 250) says: "As among the Jews the ark was a sort of portable temple in which the deity was supposed to be continually present, so among the Mexicans, the Cherokees and the Indians of Michoacan and Honduras, an ark was held in the highest veneration and was considered an object too sacred to be touched by any but the priests."

As to religious architecture, we find on both sides of the Atlantic that one of the earliest sacred buildings is the pyramid. Doubtful as are the uses for which these structures were originally intended, one thing is clear, that they were closely connected with some religious idea or group of ideas. The identity of design in the pyramids of Egypt and those of Mexico and Central America is too striking to be a mere coincidence.

True some—the greater number—of the American pyramids are of the truncated or flattened form, yet according to Bancroft and others, many of those found in Yucatan, and notably those near Palenque, are pointed at the top in true Egyptian fashion, while on the other hand we have some of the Egyptian pyramids of the stepped and flattened type. Cholula has been compared to the groups of Dachour, Sakkara and the step pyramid of Médourn. Alike in orientation, in structure, and even in their internal galleries and chambers, these mysterious monuments of the east and of the west stand as witnesses to some common source whence their builders drew their plan.

The vast remains of cities and temples in Mexico and Yucatan also strangely resemble those of Egypt, the ruins of Teotihuacan having frequently been compared to those of Karnak. The "false arch"—horizontal courses of stone, each slightly overlapping the other—is found to be identical in Central America, in the oldest buildings of Greece, and in Etruscan remains. The mound builders of both eastern and western continents formed similar tumuli over their dead, and laid the bodies in similar stone coffins. Both continents have their great serpent-mounds; compare that of Adams Co., Ohio, with the fine serpent-mound discovered in Argyleshire, or the less perfect specimen at Avebury in Wilts. The very carving and decoration of the temples of America, Egypt and India have much in common, while some of the mural decorations are absolutely identical.

Fifth.—It only remains now to summarize some of the evidence obtainable from ancient writers, from early race traditions, and from archaic flood-legends.

Aelian in his *Varia Historia* (lib. iii. ch. xviii.), states that Theopompus (400 B.C.) recorded an interview between the King of Phrygia and Silenus, in which the latter referred to the existence of a great continent beyond the Atlantic, larger than Asia, Europe and Libya together.

Proclus quotes an extract from an ancient writer who refers to the islands in the sea beyond the Pillars of Hercules (Straits of Gibraltar), and says that the inhabitants of one of these islands had a tradition from their ancestors of an extremely large island called Atlantis, which for a long time ruled over all the islands of the Atlantic Ocean.

Marcellus speaks of seven islands in the Atlantic, and states that their inhabitants preserve the memory of a much greater island, Atlantis, "which had for a long time exercised dominion over the smaller ones."

Diodorus Siculus relates that the Phœnicians discovered "a large island in the Atlantic Ocean beyond the Pillars of Hercules several days' sail from the coast of Africa."

But the greatest authority on this subject is Plato. In the *Timæus* he refers to the island continent, while the *Critias* or *Atlantius* is nothing less than a detailed account of the history, arts, manners and customs of the people. In the *Timæus* he refers to "a mighty warlike power, rushing from the Atlantic sea and spreading itself with hostile fury over all Europe and Asia. For at that time the Atlantic sea was navigable and had an island before that mouth which is called by you the Pillars of Hercules. But this island was greater than both Libya and all Asia together, and afforded an easy passage to other neighbouring islands, as it was likewise easy to pass from those islands to all the continents which border on this Atlantic sea.

There is so much of value in the *Critias* that it is not easy to choose, but the following extract is given, as it bears on the material resources of the country: "They had likewise everything provided for them which both in a city and every other place is sought after as useful for the purposes of life. And they were supplied indeed with many things from foreign countries, on account of their extensive empire; but the island afforded them the greater part of everything of which they stood in need.

In the first place the island supplied them with such things as are dug out of mines in a solid state, and with such as are melted: and orichalcum, which is now but seldom mentioned, but then was much celebrated, was dug out of the earth in many parts of the island, and was considered as the most honourable of all metals except gold. Whatever, too, the woods afforded for builders the island produced in abundance. There were likewise sufficient pastures there for tame and savage animals; together with a prodigious number of elephants. For there were pastures for all such animals as are fed in lakes and rivers, on mountains and in plains. And in like manner there was sufficient aliment for the largest and most voracious kind of animals. Besides this, whatever of odoriferous the earth nourishes at present, whether roots, or grass, or wood, or juices, or gums, flowers or fruits—these the island produced and produced them well."

The Gauls possessed traditions of Atlantis which were collected by the Roman historian, Timagenes, who lived in the first century, B.C. Three distinct peoples apparently dwelt in Gaul. First, the indigenous population (probably the remains of a Lemurian race), second, the invaders from the distant island of Atlantis, and third, the Aryan Gauls (see *Pre-Adamites*, p. 380).

The Toltecs of Mexico traced themselves back to a starting-point called Atlán or Aztlán; the Aztecs also claimed to come from Aztlán (see Bancroft's *Native Races*, vol. v. pp. 221 and 321).

The Popul Vuh (p. 294) speaks of a visit paid by three sons of the King of the Quiches to a land "in the east on the shores of the sea whence their fathers had come," from which they brought back amongst other things "a system of writing" (see also Bancroft, vol. v. p. 553).

Amongst the Indians of North America there is a very general legend that their forefathers came from a land "toward the

sun-rising." The Iowa and Dakota Indians, according to Major J. Lind, believed that "all the tribes of Indians were formerly one and dwelt together *on an island* . . . towards the sunrise." They crossed the sea from thence "in huge skiffs in which the Dakotas of old floated for weeks, finally gaining dry land."

The Central American books state that a part of the American continent extended far into the Atlantic Ocean, and that this region was destroyed by a series of frightful cataclysms at long intervals apart. *Three* of these are frequently referred to (see Baldwin's *Ancient America*, p. 176). It is a curious confirmation that the Kelts of Britain had a legend that part of *their* country once extended far into the Atlantic and was destroyed. *Three catastrophes are mentioned in the Welsh traditions.*

Quetzalcoatl, the Mexican Deity, is said to have come from "the distant east." He is described as a white man with a flowing beard. (N.B.—The Indians of North and South America are beardless.) He originated letters and regulated the Mexican calendar. After having taught them many peaceful arts and lessons he sailed away *to the east* in a canoe of serpent skins (see Short's *North Americans of Antiquity*, pp. 268-271). The same story is told of Zamna, the author of civilization in Yucatan.

The marvellous uniformity of the flood legends on all parts of the globe, alone remains to be dealt with. Whether these are some archaic versions of the story of the lost Atlantis and its submergence, or whether they are echoes of a great cosmic parable once taught and held in reverence in some common centre whence they have reverberated throughout the world, does not immediately concern us. Sufficient for our purpose is it to show the universal acceptance of these legends. It would be needless waste of time and space to go over these flood stories one by one. *Suffice it to say, that in India,*

Chaldea, Babylon, Media, Greece, Scandinavia, China, amongst the Jews and amongst the Keltic tribes of Britain, the legend is absolutely identical in all essentials. Now turn to the west and what do we find? The same story in its every detail preserved amongst the Mexicans (each tribe having its own version), the people of Guatemala, Honduras, Peru, and almost every tribe of North American Indians. It is puerile to suggest that mere coincidence can account for this fundamental identity.

The following quotation from Le Plongeon's translation of the famous Troano MS., which may be seen in the British Museum, will appropriately bring this part of the subject to a close. The Troano MS. appears to have been written about 3,500 years ago, among the Mayas of Yucatan, and the following is its description of the catastrophe that submerged the island of Poseidonis:—"In the year 6 Kan, on the 11th Muluc in the month Zac, there occurred terrible earthquakes, which continued without interruption until the 13th Chuen. The country of the hills of mud, the land of Mu was sacrificed: being twice upheaved it suddenly disappeared during the night, the basin being continually shaken by volcanic forces. Being confined, these caused the land to sink and to rise several times and in various places. At last the surface gave way and ten countries were torn asunder and scattered. Unable to stand the force of the convulsions, they sank with their 64,000,000 of inhabitants 8060 years before the writing of this book."

But enough space has now been devoted to the fragments of evidence—all more or less convincing—which the world so far has been in possession of. Those interested in pursuing any special line of investigation are referred to the various works above named or quoted.

The subject in hand must now be dealt with. Drawn as they have been from contemporary records which were com-

plied in and handed down through the ages we have to deal with the facts here collected are based upon no assumption or conjecture. The writer may have failed fully to comprehend the facts, and so may have partially misstated them. But the original records are open for investigation to the duly qualified, and those who are disposed to undertake the necessary training may obtain the powers to check and verify.

But even were *all* the occult records open to our inspection, it should be realized how fragmentary must be the sketch that attempts to summarize in a few pages the history of races and of nations extending over at least many hundreds of thousands of years. However, any details on such a subject—disconnected though they are—must be new, and should therefore be interesting to the world at large.

Among the records above referred to there are maps of the world at various periods of its history, and it has been the great privilege of the writer to be allowed to obtain copies—more or less complete—of four of these. All four represent Atlantis and the surrounding lands at different epochs of their history. These epochs correspond approximately with the periods that lay between the catastrophes referred to above, and into the periods thus represented by the four maps the records of the Atlantean Race will naturally group themselves.

Before beginning the history of the race, however, a few remarks may be made about the geography of the four different epochs.

The first map* represents the land surface of the earth as it existed about a million years ago, when the Atlantean Race was at its height, and before the first great submergence took place about 800,000 years ago. The continent of Atlantis itself, it will be observed, extended from a point a few degrees east of Iceland to about the site now occupied by Rio de Janeiro, in South America. Embracing Texas and the Gulf of Mexico,

*These maps are available at the end of the book. The physical maps are 15¼"x19" in size.

the Southern and Eastern States of America, up to and including Labrador, it stretched across the ocean to our own islands—Scotland and Ireland, and a small portion of the north of England forming one of its promontories—while its 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, are also shown on this map. The remains of the still older Hyperborean continent which was inhabited by the Second Root Race, are also given, and like Lemuria, coloured blue.

As will be seen from the second map the catastrophe of 800,000 years ago caused very great changes in the land distribution of the globe. The great continent is now shorn of its northern regions, and its remaining portion has been still further rent. The now growing American continent is separated by a chasm from its parent continent of Atlantis, and this no longer comprises any of the lands now existing, but occupies the bulk of the Atlantic basin from about 50° north to a few degrees south of the equator. The subsidences and upheavals in other parts of the world have also been considerable—the British Islands for example, now being part of a huge island which also embraces the Scandinavian peninsula, the north of France, and all the intervening and some of the surrounding seas. The dimensions of the remains of Lemuria it will be observed, have been further curtailed, while Europe, Africa and America have received accretions of territory.

The third map shows the results of the catastrophe which took place about 200,000 years ago. With the exception of the rents in the continents both of 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 quotation already given from the sacred book of the Guatemalans—three great ones only being there mentioned. The Scandinavian island however, appears now as joined to the mainland. The two islands into which Atlantis was now split were known by the names of Ruta and Daitya.

The stupendous character of the natural convulsion that took place about 80,000 years ago, will be apparent from the fourth map. Daitya, the smaller and more southerly of the islands, has almost entirely disappeared, while of Ruta there only remains the relatively small island of Poseidonis. This map was compiled about 75,000 years ago, and it no doubt fairly represents the land surface of the earth from that period onwards till the final submergence of Poseidonis in 9564 B.C., though during that period minor changes must have taken place. It will be noted that the land outlines had then begun to assume roughly the same appearance they do to-day, 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.

Some reference to the very mystical subject of the Manus* is a necessary preliminary to the consideration of the origin of a Root Race. In Transaction No. 26, of the London Lodge, reference was made to the work done by these very exalted Beings, which embraces not only the planning of the types of the whole Manvantara, but the superintending the formation and education of each Root Race in turn. The following quotation refers to these arrangements: "There are also Manus whose duty it is to act in a similar way for each Root Race on each Planet of the Round, the Seed Manu planning the improvement in type which each successive Root Race inaugurates

*“He is called Vaivasvata Manu, and is the Manu of the fifth root-race. He is the ideal man or thinker, and sets the type for our Aryan race, having presided over its destinies since its inception nearly **one hundred thousand years ago**. Other Manus have come and gone and His place will be, in the relatively near future, taken by someone else. He will then pass on to other work of a more exalted kind. The Manu, or the prototype of the fourth root-race, works in close cooperation with Him, and has His centre of influence in China. He is the second Manu that the fourth root-race has had, having taken the place of the earlier Manu at the time of the final stages of Atlantean destruction. He has remained to foster the development of the race type, and to bring about its final disappearance. The periods of office of all the Manus overlap, but there remains no representative of the third root-race upon the globe at this time. Vaivasvata Manu has His dwelling place in the Himalaya mountains, and has gathered around Him at Shigatse some of those immediately connected with Aryan affairs in India, Europe and America, and those who will later be concerned with the coming sixth root-race. The plans are prepared for ages ahead, centres of energy are formed thousands of years before they will be required, and in the wise fore-knowledge of these Divine Men nothing is left to sudden eventuation, but all moves in ordered cycles and under rule and law, though within karmic limitations.

“The work of the Manu is largely concerned with government, with planetary politics, and with the founding, direction, and dissolution of racial types and forms. To Him is committed the will and purpose of the Planetary Logos. He knows what is the immediate objective for this cycle of evolution over which He has to preside, and His work concerns itself with making that will an accomplished fact. He works in closer cooperation with the building devas than does His Brother, the Christ, for to Him is given the work of setting the race type, of segregating the groups out of which races will develop, **of manipulating the forces which move the earth's crust**, of raising and lowering continents, of directing the minds of statesmen everywhere so that racial government will proceed as desired, and conditions be brought about which will produce those needed for the fostering of any particular type. Such a work can now be seen demonstrating in North America and Australia.”

Initiation Human and Solar by Alice A. Bailey, pp. 41-43.
This book may be download here:
<https://alliancesforhumanity.com/books/IHS.pdf>, 1MB.

and the Root Manu actually incarnating amongst the new Race as a leader and teacher to direct the development and ensure the improvement."

The way in which the necessary segregation of the picked specimens is effected by the Manu in charge, and his subsequent care of the growing community, may be dealt with in a future Transaction. The merest reference to the mode of procedure is all that is necessary here.

It was of course from one of the sub-races of the Third Root Race on the continent which is spoken of as Lemuria*, that the segregation was effected which was destined to produce the Fourth Root Race.

Following where necessary the history of the Race through the four periods represented by the four maps, it is proposed to divide the subject under the following headings:

1. Origin and territorial location of the different sub-races.
2. The political institutions they respectively evolved.
3. Their emigrations to other parts of the world.
4. The arts and sciences they developed.
5. The manners and customs they adopted.
6. The rise and decline amongst them of religious ideas.

The names of the different sub-races must first be given—

1. Rmoahal.
2. Tlavatli.
3. Toltec.
4. First Turanian.
5. Original Semite.
6. Akkadian.
7. Mongolian.

Some explanation is necessary as to the principle on which these names are chosen. Wherever modern ethnologists have discovered traces of one of these sub-races, or even identified a small part of one, the name they have given to it is used for the

- High resolution copies of these maps are available here:
<https://alliancesforhumanity.com/books/L1.jpg>, 6.9MB.
<https://alliancesforhumanity.com/books/L2.jpg>, 6.8MB.
The physical maps are 15"x18¼" in size. A book by the same author which discusses Lemuria is available here:
<https://alliancesforhumanity.com/books/LemuriaM.pdf>, 1MB.
It includes these 2 maps.

sake of simplicity, but in the case of the first two sub-races there are hardly any traces left for science to seize upon, so the names by which they called themselves have been adopted.

Now the period represented by Map No. 1 shows the land surface of the earth as it existed about one million years ago, but the Rmoahal race came into existence between four and five million years ago, at which period large portions of the great southern continent of Lemuria still existed, while the continent of Atlantis had not assumed the proportions it ultimately attained. It was upon a spur of this Lemurian land that the Rmoahal race was born. Roughly it may be located at latitude 7° north and longitude 5° west,* which a reference to any modern atlas will show to lie on the Ashanti coast of to-day. It was a hot, moist country, where huge antediluvian animals lived in reedy swamps and dank forests. The fossil remains of such plants are to-day found in the coal measures. The Rmoahals were a dark race—their complexion being a sort of mahogany black. Their height in these early days was about ten or twelve feet—truly a race of giants—but through the centuries their stature gradually dwindled, as did that of all the races in turn, and later on we shall find they had shrunk to the stature of the "Furfooz man." They ultimately migrated to the southern shores of Atlantis, where they were engaged in constant warfare with the sixth and seventh sub-races of the Lemurians then inhabiting that country. A large part of the tribe eventually moved north, while the remainder settled down and intermarried with these black Lemurian aborigines. The result was that at the period we are dealing with—the first map period—there was no pure blood left in the south, and as we shall see it was from these dark races who inhabited the equatorial provinces, and the extreme south of the continent, that the Toltec conquerors subsequently drew their supplies of

*See second Lemurian map.

slaves. The remainder of the race, however, reached the extreme north-eastern promontories contiguous with Iceland, and dwelling there for untold generations, they gradually became lighter in colour, until at the date of the first map period we find them a tolerably fair people. Their descendants eventually became subject, at least nominally, to the Semite kings.

That they dwelt there for untold generations is not meant to imply that their occupation was unbroken, for stress of circumstances at intervals of time drove them south. The cold of the glacial epochs of course operated alike with the other races, but the few words to be said on this subject may as well come in here.

Without going into the question of the different rotations which this earth performs, or the varying degrees of eccentricity of its orbit, a combination of which is sometimes held to be the cause of the glacial epochs, it is a fact—and one already recognized by some astronomers—that a minor glacial epoch occurs about every 30,000 years. But in addition to these there were two occasions in the history of Atlantis when the ice-belt desolated not merely the northern regions, but, invading the bulk of the continent, forced all life to migrate to equatorial lands. The first of these was in process during the Rmoahal days, about 3,000,000 years ago, while the second took place in the Toltec ascendancy about 850,000 years ago.

With reference to all glacial epochs it should be stated that though the inhabitants of northern lands were forced to settle during the winter far south of the ice-belt, there yet were great districts to which in summer they could return, and where for the sake of the hunting they encamped until driven south again by the winter cold.

The place of origin of the Tlavatli or 2nd sub-race was an island off the west coast of Atlantis. The spot is marked on

the 1st map with the figure 2. Thence they spread into Atlantis proper, chiefly across the middle of the continent, gradually however tending northwards towards the stretch of coast facing the promontory of Greenland. Physically they were a powerful and hardy race of a red-brown colour, but they were not quite so tall as the Rmoahals whom they drove still further north. They were always a mountain-loving people, and their chief settlements were in the mountainous districts of the interior, which a comparison of Maps, 1 and 4 will show to be approximately conterminous with what ultimately became the island of Poseidonis. At this first map period they also—as just stated—peopled the northern coasts, whilst a mixture of Tlavatli and Toltec race inhabited the western islands, which subsequently formed part of the American continent.

We now come to the Toltec or 3rd sub-race. This was a magnificent development. It ruled the whole continent of Atlantis for thousands of years in great material power and glory. Indeed so dominant and so endowed with vitality was this race that intermarriages with the following sub-races failed to modify the type, which still remained essentially Toltec; and hundreds of thousands of years later we find one of their remote family races ruling magnificently in Mexico and Peru, long ages before their degenerate descendants were conquered by the fiercer Aztec tribes from the north. The complexion of this race was also a red-brown, but they were redder or more copper-coloured than the Tlavatli. They also were a tall race, averaging about eight feet during the period of their ascendancy, but of course dwindling, as all races did, to the dimensions that are common to-day. The type was an improvement on the two previous sub-races, the features being straight and well marked, not unlike the ancient Greek. The approximate birthplace of this race may be seen, marked with the figure 3, on the first map. It lay near the west coast of Atlantis about latitude

30° North, and the whole of the surrounding country, embracing the bulk of the west coast of the continent, was peopled with a pure Toltec race. But as we shall see when dealing with the political organization, their territory eventually extended right across the continent, and it was from their great capital on the eastern coast that the Toltec emperors held their almost world-wide sway.

These first three sub-races are spoken of as the "red races," between whom and the four following there was not at first much mixture of blood. These four, though differing considerably from each other, have been called "yellow," and this colour may appropriately define the complexion of the Turanian and Mongolian, but the Semite and Akkadian were comparatively white.

The Turanian or 4th sub-race had their origin on the eastern side of the continent, south of the mountainous district inhabited by the Tlavatli people. This spot is marked 4 on Map No. 1. The Turanians were colonists from the earliest days, and great numbers migrated to the lands lying to the east of Atlantis. They were never a thoroughly dominant race on the mother-continent, though some of their tribes and family races became fairly powerful. The great central regions of the continent lying west and south of the Tlavatli mountainous district was their special though not their exclusive home, for they shared these lands with the Toltecs. The curious political and social experiments made by this sub-race will be dealt with later on.

As regards the original Semite or 5th sub-race ethnologists have been somewhat confused, as indeed it is extremely natural they should be considering the very insufficient data they have to go upon. This sub-race had its origin in the mountainous country which formed the more southerly of the two north-eastern peninsulas which, as we have seen, is now represented by Scotland, Ireland, and some of the surrounding seas. The

site is marked 5 in Map No. 1. In this least desirable portion of the great continent the race grew and flourished, for centuries maintaining its independence against aggressive southern kings, till the time came for it in turn to spread abroad and colonize. It must be remembered that by the time the Semites rose to power hundreds of thousands of years had passed and the 2nd map period had been reached. They were a turbulent, discontented race, always at war with their neighbours, especially with the then growing power of the Akkadians.

The birthplace of the Akkadian or 6th sub-race will be found on Map No. 2 (marked there with the figure 6), for it was after the great catastrophe of 800,000 years ago that this race first came into existence. It took its rise in the land east of Atlantis, about the middle of the great peninsula whose south-eastern extremity stretched out towards the old continent. The spot may be located approximately at latitude 42° North and longitude 10° East. They did not for long, however, confine themselves to the land of their birth, but overran the now diminished continent of Atlantis. They fought with the Semites in many battles both on land and sea, and very considerable fleets were used on both sides. Finally about 100,000 years ago they completely vanquished the Semites, and from that time onwards an Akkadian dynasty was set up in the old Semite capital, and ruled the country wisely for several hundred years. They were a great trading sea-going, and colonizing people, and they established many centres of communication with distant lands.

The Mongolian or 7th sub-race seems to be the only one that had absolutely no touch with the mother-continent. Having its origin on the plains of Tartary (marked No. 7 on the second map) at about latitude 63° North and longitude 140° East, it was directly developed from descendants of the Turanian

race, which it gradually supplanted over the greater part of Asia. This sub-race multiplied exceedingly, and even at the present day a majority of the earth's inhabitants technically belong to it, though many of its divisions are so deeply coloured with the blood of earlier races as to be scarcely distinguishable from them.

Political Institutions.—In such a summary as this it would be impossible to describe how each sub-race was further subdivided into nations, each having its distinct type and characteristics. All that can be here attempted is to sketch in broad outline the varying political institutions throughout the great epochs of the race.

While recognizing that each sub-race as well as each Root Race is destined to stand in some respects at a higher level than the one before it, the cyclic nature of the development must be recognized as leading the race like the man through the various phases of infancy, youth, and manhood back to the infancy of old age again. Evolution necessarily means ultimate progress, even though the turning back of its ascending spiral may seem to make the history of politics or of religion a record not merely of development and progress but also of degradation and decay.

In making the statement therefore that the 1st sub-race started under the most perfect government conceivable, it must be understood that this was owing to the necessities of their childhood, not to the merits of their matured manhood. For the Rmoahals were incapable of developing any plan of settled government, nor did they ever reach even as high a point of civilization as the 6th and 7th Lemurian sub-races. But the Manu who effected the segregation actually incarnated in the race and ruled it as king. Even when he no longer took visible part in the government of the race, Adept* or Divine rulers were, when the times required it, still provided for the infant commu-

*“A Master, or human being who, having traversed the path of evolution and entered upon the final stage of the path, the Path of Initiation, has taken five of the Initiations, and has therefore passed into the Fifth, or Spiritual kingdom, having but two more Initiations to take.” *Initiation Human and Solar* by Alice A. Bailey, p. 215

There are actually nine Initiations which can be taken within our solar system. The first seven may be taken upon our planet.

The 4th kingdom is the human, the 3rd the animal, 2nd vegetable, 1st mineral. There are three others, the 5th, 6th and 7th.

nity. As students of Theosophy know, our humanity had not then reached the stage of development necessary to produce fully initiated Adepts. The rulers above referred to, including the Manu himself, were therefore necessarily the product of evolution on other systems of worlds.*

The Tlavatli people showed some signs of advance in the art of government. Their various tribes or nations were ruled by chiefs or kings who generally received their authority by acclamation of the people. Naturally the most powerful individuals and greatest warriors were so chosen. A considerable empire was eventually established among them, in which one king became the nominal head, but his suzerainty consisted rather in titular honour than in actual authority.

It was the Toltec race who developed the highest civilization and organized the most powerful empire of any of the Atlantean peoples, and it was then that the principle of hereditary succession was for the first time established. The race was at first divided into a number of petty independent kingdoms, constantly at war with each other, and all at war with the Lemurio-Rmoahals of the south. These were gradually conquered and made subject peoples—many of their tribes being reduced to slavery. About one million years ago, however, these separate kingdoms united in a great federation with a recognized emperor at its head. This was of course inaugurated by great wars, but the outcome was peace and prosperity for the race.

It must be remembered that humanity was still for the most part possessed of psychic attributes, and by this time the most advanced had undergone the necessary training in the occult schools, and had attained various stages of initiation—some even reaching to Adeptship. Now the second of these emperors was an Adept, and for thousands of years the Divine dynasty ruled not only all the kingdoms into which Atlantis was divided

*If interested see page 386, and the Venus chain in the Index, of *A Treatise on Cosmic Fire* by Alice A. Bailey. You must delve into planetary globes, rounds, chains and schemes. They came from our scheme but a different chain.

but the islands on the west and the southern portion of the adjacent land lying to the east. When necessary, this dynasty was recruited from the Lodge of Initiates, but as a rule the power was handed down from father to son, all being more or less qualified, and the son in some cases receiving a further degree at the hands of his father. During all this period these Initiate rulers retained connection with the Occult Hierarchy* which governs the world, submitting to its laws, and acting in harmony with its plans. This was the golden age of the Toltec race. The government was just and beneficent; the arts and sciences were cultivated—indeed the workers in these fields, guided as they were by occult knowledge, achieved tremendous results; religious belief and ritual was still comparatively pure—in fact the civilization of Atlantis had by this time reached its height.

After about 100,000 years of this golden age the degeneracy and decay of the race set in. Many of the tributary kings, and large numbers of the priests and people ceased to use their faculties and powers in accordance with the laws made by their Divine rulers, whose precepts and advice were now disregarded. Their connection with the Occult Hierarchy was broken. Personal aggrandisement, the attainment of wealth and authority, the humiliation and ruin of their enemies became more and more the objects towards which their occult powers were directed: and thus turned from their lawful use, and practised for all sorts of selfish and malevolent purposes, they inevitably led to what we must call by the name of sorcery.

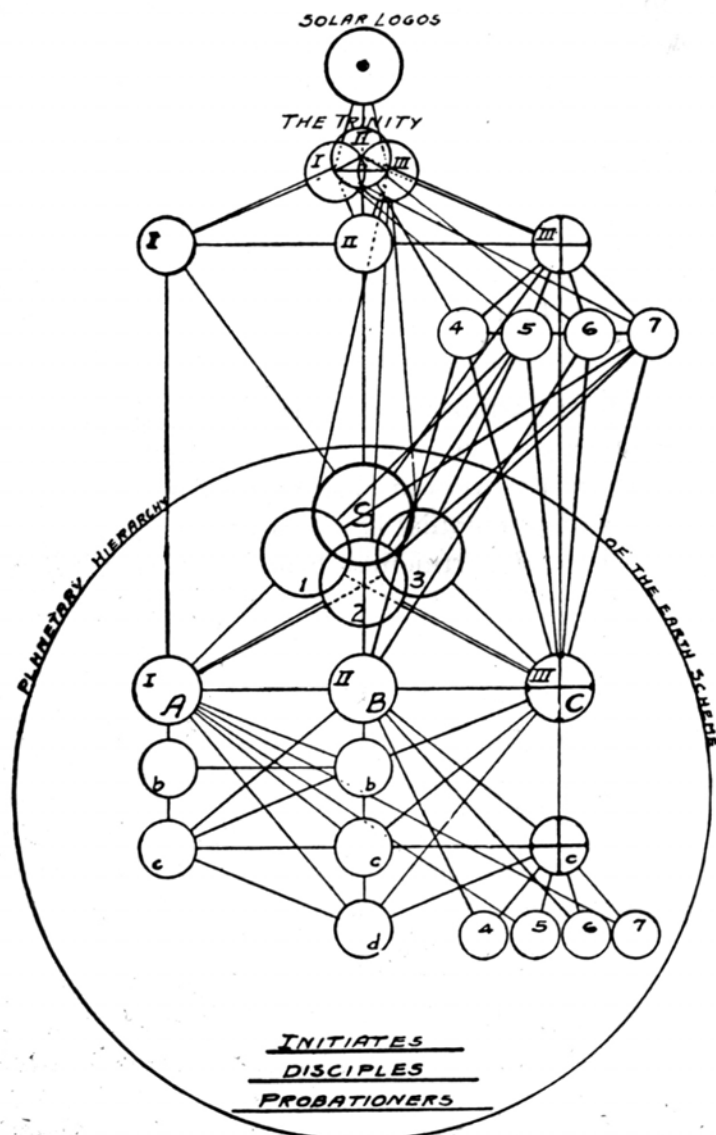
Surrounded as this word is with the odium which credulity on the one hand and imposture on the other have during many centuries of superstition and ignorance gradually caused it to be associated, let us consider for a moment its real meaning, and the terrible effects which its practice is ever destined to bring on the world.

*“That group of spiritual beings on the inner planes of the solar system who are the intelligent forces of nature, and who control the evolutionary processes. They are themselves divided into twelve Hierarchies. Within our planetary scheme, the earth scheme, there is a reflection of this Hierarchy which is called by the occultist the Occult Hierarchy. This Hierarchy is formed of chohans, adepts, and initiates working through their disciples and, by this means, in the world. (See diagram page 48.)” 49 & xiv as well.

Initiation Human and Solar by Alice A. Bailey p. 218.

A Chohan has taken the 6th Initiation.

SOLAR AND PLANETARY HIERARCHIES



"This diagram is an outline of a portion of the Hierarchy at the present moment, and gives only the outstanding Figures, in connection with human evolution. A similar diagram from the standpoint of the deva evolution would be differently arranged." (The connecting lines indicate force currents)

KEY TO DIAGRAM OF SOLAR AND PLANETARY HIERARCHIES THE SOLAR HIERARCHY

The Solar Logos.

The Solar Trinity or Logoi

- I The Father.....Will.
- II The Son.....Love-Wisdom.
- III The Holy Spirit....Active Intelligence.

The Seven Rays

Three Rays of Aspect.
Four Rays of Attribute.

- I. Will or Power....II. Love-Wisdom....III. Active Intelligence
- 4. Harmony or Beauty.
- 5. Concrete Knowledge.
- 6. Devotion or Idealism.
- 7. Ceremonial Magic

THE PLANETARY HIERARCHY

S. Sanat Kumara, the Lord of the World.
(The Ancient of Days.
The One Initiator).

The Three Kumaras.
(The Buddhas of Activity.)
1 2 3

The reflections of the 3 major and 4 minor Rays.

The 3 Departmental Heads.

- I. The Will Aspect..... II. The Love-Wisdom Aspect. III. Intelligence Aspect.
- A. The Manu. B. The Bodhisattva. C. The Mahachohan.
- (The Christ. The World Teacher.) (Lord of Civilisation)
- b. Master Jupiter. b. A European Master.
- c. Master M—. c. Master K.H. c. The Venetian Master
- d. Master D.K. 4. The Master Serapis.
- 5. Master Hilarion.
- 6. Master Jesus.
- 7. Master R—.

Four grades of initiates.

Various grades of disciples.

People on the Probationary Path.

Average humanity of all degrees.

the tributary kings also remained loyal to him, but most transferred their allegiance to the new emperor reigning at the old capital. These, however, did not long remain faithful. Constant assertions of independence were made by the tributary kings, and continual battles were fought in different parts of the empire, the practice of sorcery being largely resorted to, to supplement the powers of destruction possessed by the armies.

These events took place about 50,000 years before the first great catastrophe.

From this time onwards things went from bad to worse. The sorcerers used their powers more and more recklessly, and greater and greater numbers of people acquired and practised these terrible "black arts."

Then came the awful retribution when millions upon millions perished. The great "City of the Golden Gates" had by this time become a perfect den of iniquity. The waves swept over it and destroyed its inhabitants, and the "black" emperor and his dynasty fell to rise no more. The emperor of the north as well as the initiated priests throughout the whole continent had long been fully aware of the evil days at hand, and subsequent pages will tell of the many priest-led emigrations which preceded this catastrophe, as well as those of later date.

The continent was now terribly rent. But the actual amount of territory submerged by no means represented the damage done, for tidal waves swept over great tracts of land and left them desolate swamps. Whole provinces were rendered barren, and remained for generations in an uncultivated and desert condition.

The remaining population too had received a terrible warning. It was taken to heart, and sorcery was for a time less prevalent among them. A long period elapsed before any new powerful rule was established. We shall eventually find a Semite dynasty of sorcerers enthroned in the "City of the

Golden Gates," but no Toltec power rose to eminence during the second map period. There were considerable Toltec populations still, but little of the pure blood remained on the mother continent.

On the island of Ruta however, in the third map period, a Toltec dynasty again rose to power and ruled through its tributary kings a large portion of the island. This dynasty was addicted to the black craft, which it must be understood became more and more prevalent during all the four periods, until it culminated in the inevitable catastrophe, which to a great extent purified the earth of the monstrous evil. It must also be borne in mind that down to the very end when Poseidonis disappeared, an Intitiate emperor or king—or at least one acknowledging the "good law"—held sway in some part of the island continent, acting under the guidance of the Occult Hierarchy in controlling where possible the evil sorcerers, and in guiding and instructing the small minority who were still willing to lead pure and wholesome lives. In later days this "white" king was as a rule elected by the priests—the handful, that is, who still followed the "good law."

Little more remains to be said about the Toltecs. In Poseidonis the population of the whole island was more or less mixed. Two kingdoms and one small republic in the west divided the island between them. The northern portion was ruled by an Intitiate king. In the south too the hereditary principle had given way to election by the people. Exclusive race-dynasties were at an end, but kings of Toltec blood occasionally rose to power both in the north and south, the northern kingdom being constantly encroached upon by its southern rival, and more and more of its territory annexed.

Having dealt at some length with the state of things under the Toltecs, the leading political characteristics of the four following sub-races need not long detain us, for none of them

reached the heights of civilization that the Toltecs did—in fact the degeneration of the race had set in.

It seems to have been some sort of feudal system that the natural bent of the Turanian race tended to develop. Each chief was supreme on his own territory, and the king was only *primus inter pares*. The chiefs who formed his council occasionally murdered their king and set up one of their own number in his place. They were a turbulent and lawless race—brutal and cruel also. The fact that at some periods of their history regiments of women took part in their wars is significant of the last named characteristics.

But the strange experiment they made in social life which, but for its political origin, would more naturally have been dealt with under "manners and customs," is the most interesting fact in their record. Being continually worsted in war with their Toltec neighbours, knowing themselves to be greatly outnumbered, and desiring above all things increase of population, laws were passed, by which every man was relieved from the direct 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 amongst the Turanians, and the ceremony of marriage came to be disregarded. The ties of family life, and the feeling of parental love were of course destroyed, and the scheme having been found to be a failure, was ultimately given up. Other attempts at finding socialistic solutions of economical problems which still vex us to-day, were tried and abandoned by this race.

The original Semites, who were a quarrelsome marauding and energetic race, always leant towards a patriarchal form of government. Their colonists, who generally took to the nomadic life, almost exclusively adopted this form, but as we have seen they developed a considerable empire in the days of the second

map period, and possessed the great "City of the Golden Gates." They ultimately, however, had to give way before the growing power of the Akkadians.

It was in the third map period, about 100,000 years ago, that the Akkadians finally overthrew the Semite power. This 6th sub-race were a much more law-abiding people than their predecessors. Traders and sailors, they lived in settled communities, and naturally produced an oligarchical form of government. A peculiarity of theirs, of which Sparta is the only modern example, was the dual system of two kings reigning in one city. As a result probably of their sea-going taste, the study of the stars became a characteristic pursuit, and this race made great advances both in astronomy and astrology.

The Mongolian people were an improvement on their immediate ancestors of the brutal Turanian stock. Born as they were on the wide steppes of Eastern Siberia, they never had any touch with the mother-continent, and owing, doubtless, to their environment, they became a nomadic people. More psychic and more religious than the Turanians from whom they sprang, the form of government towards which they gravitated required a suzerain in the background who should be supreme both as a territorial ruler and as a chief high priest.

Emigrations.—Three causes contributed to produce emigrations. The Turanian race, as we have seen, was from its very start imbued with the spirit of colonizing, which it carried out on a considerable scale. The Semites and Akkadians were also to a certain extent colonizing races.

Then, as time went on and population tended more and more to outrun the limits of subsistence, necessity operated with the least well-to-do in every race alike, and drove them to seek for a livelihood in less thickly populated countries. For it should be realized that when the Atlanteans reached their zenith in the Toltec era, the proportion of population to the square mile

on the continent of Atlantis probably equalled, even if it did not exceed, our modern experience in England and Belgium. It is at all events certain that the vacant spaces available for colonization were very much larger in that age than in ours, while the total population of the world, which at the present moment is probably not more than twelve hundred to fifteen hundred millions, amounted in those days to the big figure of about two thousand millions.

Lastly, there were the priest-led emigrations which took place prior to each catastrophe—and there were many more of these than the four great ones referred to above. The initiated kings and priests who followed the "good law" were aware beforehand of the impending calamities. Each one, therefore, naturally became a centre of prophetic warning, and ultimately a leader of a band of colonists. It may be noted here that in later days the rulers of the country deeply resented these priest-led emigrations, as tending to impoverish and depopulate their kingdoms, and it became necessary for the emigrants to get on board ship secretly during the night.

In roughly tracing the lines of emigration followed by each sub-race in turn, we shall of necessity ultimately reach the lands which their respective descendants to-day occupy.

For the earliest emigrations we must go back to the Rmoahal days. It will be remembered that that portion of the race which inhabited the north-eastern coasts alone retained its purity of blood. Harried on their southern borders and driven further north by the Tlavatli warriors, they began to overflow to the neighbouring land to the east, and to the still nearer promontory of Greenland. In the second map period no pure Rmoahals were left on the then reduced mother-continent, but the northern promontory of the continent then rising on the west was occupied by them, as well as the Greenland cape

already mentioned, and the western shores of the great Scandinavian island. There was also a colony on the land lying north of the central Asian sea.

Brittany and Picardy then formed part of the Scandinavian island, while the island itself became in the third map period part of the growing continent of Europe. Now it is in France that remains of this race have been found in the quaternary strata, and the brachycephalous, or round-headed specimen known as the "Furfooz man," may be taken as a fair average of the type of the race in its decay.

Many times forced to move south by the rigours of a glacial epoch, many times driven north by the greed of their more powerful neighbours, the scattered and degraded remnants of this race may be found to-day in the modern Lapps, though even here there was some infusion of other blood. And so it comes to pass that these faded and stunted specimens of humanity are the lineal descendants of the black race of giants who arose on the equatorial lands of Lemuria well nigh five million years ago.

The Tlavatli colonists seem to have spread out towards every point of the compass. By the second map period their descendants were settled on the western shores of the then growing American continent (California) as well as on its extreme southern coasts (Rio de Janeiro). We also find them occupying the eastern shores of the Scandinavian island, while numbers of them sailed across the ocean, rounded the coast of Africa, and reached India. There, mixing with the indigenous Lemurian population, they formed the Dravidian race. In later days this in its turn received an infusion of Aryan or Fifth Race blood, from which results the complexity of type found in India to-day. In fact we have here a very fair example of the extreme difficulty of deciding any question of race upon merely physical evidence, for it would be quite possible to have

Fifth Race egos incarnate among the Brahmans, Fourth Race egos among the lower castes, and some lingering Third Race among the hill tribes.

By the fourth map period we find a Tlavatli people occupying the southern parts of South America, from which it may be inferred that the Patagonians probably had remote Tlavatli ancestry.

Remains of this race, as of the Rmoahals, have been found in the quaternary strata of Central Europe, and the dolichocephalous "Cro-Magnon man"* may be taken as an average specimen of the race in its decadence, while the "Lake-Dwellers" of Switzerland formed an even earlier and not quite pure offshoot. The only people who can be cited as fairly pure-blooded specimens of the race at the present day are some of the brown tribes of Indians of South America. The Burmese and Siamese have also Tlavatli blood in their veins, but in their case it was mixed with, and therefore dominated by, the nobler stock of one of the Aryan sub-races.

We now come to the Toltecs. It was chiefly to the west that their emigrations tended, and the neighbouring coasts of the American continent were in the second map period peopled by a pure Toltec race, the greater part of those left on the mother-continent being then of very mixed blood. It was on the continents of North and South America that this race spread abroad and flourished, and on which thousands of years later were established the empires of Mexico and Peru. The greatness of these empires is a matter of history, or at least of tradition supplemented by such evidence as is afforded by

* Students of geology and palæontology will know that these sciences regard the "Cro-Magnon man" as prior to the "Furfooz," and seeing that the two races ran alongside each other for vast periods of time, it may quite well be that the individual "Cro-Magnon" skeleton, though representative of the second race, was deposited in the quaternary strata thousands of years before the individual Furfooz man lived on the earth.

magnificent architectural remains. It may here be noted that while the Mexican empire was for centuries great and powerful in all that is usually regarded as power and greatness in our civilization of to-day, it never reached the height attained by the Peruvians about 14,000 years ago under their Inca sovereigns, for as regards the general well-being of the people, the justice and beneficence of the government, the equitable nature of the land tenure, and the pure and religious life of the inhabitants, the Peruvian empire of those days might be considered a traditional though faint echo of the golden age of the Toltecs on the mother-continent of Atlantis.

The average Red Indian of North or South America is the best representative to-day of the Toltec people, but of course bears no comparison with the highly civilized individual of the race at its zenith.

Egypt must now be referred to, and the consideration of this subject should let in a flood of light upon its early history. Although the first settlement in that country was not in the strict sense of the term a colony, it was from the Toltec race that was subsequently drawn the first great body of emigrants intended to mix with and dominate the aboriginal people.

In the first instance it was the transfer of a great Lodge of Initiates. This took place about 400,000 years ago. The golden age of the Toltecs was long past. The first great catastrophe had taken place. The moral degradation of the people and the consequent practice of the "black arts" were becoming more accentuated and widely spread. Purer surroundings for the White Lodge were needed. Egypt was isolated and was thinly peopled, and therefore Egypt was chosen. The settlement so made answered its purpose, and undisturbed by adverse conditions the Lodge of Initiates for nearly 200,000 years did its work.

About 210,000 years ago, when the time was ripe, the Occult

Lodge founded an empire—the first "Divine Dynasty" of Egypt—and began to teach the people. Then it was that the first great body of colonists was brought from Atlantis, and some time during the ten thousand years that led up to the second catastrophe, the two great Pyramids of Gizeh were built, partly to provide permanent Halls of Initiation, but also to act as treasure-house and shrine for some great talisman of power during the submergence which the Initiates knew to be impending. Map No. 3 shows Egypt at that date as under water. It remained so for a considerable period, but on its re-emergence it was again peopled by the descendants of many of its old inhabitants who had retired to the Abyssinian mountains (shown in Map No. 3 as an island) as well as by fresh bands of Atlantean colonists from various parts of the world. A considerable immigration of Akkadians then helped to modify the Egyptian type. This is the era of the second "Divine Dynasty" of Egypt—the rulers of the country being again Initiated Adepts.

The catastrophe of 80,000 years ago again laid the country under water, but this time it was only a temporary wave. When it receded the third "Divine Dynasty"—that mentioned by Manetho—began its rule, and it was under the early kings of this dynasty that the great Temple of Karnak and many of the more ancient buildings still standing in Egypt were constructed. In fact with the exception of the two pyramids no building in Egypt predates the catastrophe of 80,000 years ago.

The final submergence of Poseidonis sent another tidal wave over Egypt. This too, was only a temporary calamity, but it brought the Divine Dynasties to an end, for the Lodge of Initiates had transferred its quarters to other lands.

Various points here left untouched have already been dealt with in the *Transaction of the London Lodge*, "The Pyramids and Stonehenge."*

*May be downloaded here:

<https://alliancesforhumanity.com/books/TPAS.pdf>

The Turanians who in the first map period had colonized the northern parts of the land lying immediately to the east of Atlantis, occupied in the second map period its southern shores (which included the present Morocco and Algeria). We also find them wandering eastwards, and both the east and west coasts of the central Asian sea were peopled by them. Bands of them ultimately moved still further east, and the nearest approximation to the type of this race is to-day to be found in the inland Chinese. A curious freak of destiny must be recorded about one of their western offshoots. Dominated all through the centuries by their more powerful Toltec neighbours, it was yet reserved for a small branch of the Turanian stock to conquer and replace the last great empire that the Toltecs raised, for the brutal and barely civilized Aztecs were of pure Turanian blood.

The Semite emigrations were of two kinds, first, those which were controlled by the natural impulse of the race: second, that special emigration which was effected under the direct guidance of the Manu; for, strange as it may seem, it was not from the Toltecs but from this lawless and turbulent though vigorous and energetic sub-race that was chosen the nucleus destined to be developed into our great Fifth or Aryan Race. The reason, no doubt, lay in the Mânasic* characteristic with which the number five is always associated. The sub-race of that number was inevitably developing its physical brain power and intellect, although at the expense of the psychic perceptions, while that same development of intellect to infinitely higher levels is at once the glory and the destined goal of our Fifth Root Race.

Dealing first with the natural emigrations we find that in the second map period while still leaving powerful nations on the mother-continent, the Semites had spread both west and east—west to the lands now forming the United States, and thus accounting for the Semitic type to be found in some of the

*Mentality, mind.

Indian races, and east to the northern shores of the neighbouring continent, which combined all there then was of Europe, Africa and Asia. The type of the ancient Egyptians, as well as of other neighbouring nations, was to some extent modified by this original Semite blood; but with the exception of the Jews, the only representatives of comparatively unmixed race at the present day are the lighter coloured Kabyles of the Algerian mountains.

The tribes resulting from the segregation effected by the Manu for the formation of the new Root Race eventually found their way to the southern shores of the central Asian sea, and there the first great Aryan kingdom was established. When the Transaction dealing with the origin of a Root Race comes to be written, it will be seen that many of the peoples we are accustomed to call Semitic are really Aryan in blood. The world will also be enlightened as to what constitutes the claim of the Hebrews to be considered a "chosen people." Shortly it may be stated that they constitute an abnormal and unnatural link between the Fourth and Fifth Root Races.

The Akkadians, though eventually becoming supreme rulers on the mother-continent of Atlantis, owed their birthplace as we have seen in the second map period, to the neighbouring continent—that part occupied by the basin of the Mediterranean about the present island of Sardinia being their special home. From this centre they spread eastwards, occupying what eventually became the shores of the Levant, and reaching as far as Persia and Arabia. As we have seen, they also helped to people Egypt. The early Etruscans, the Phœnicians, including the Carthaginians and the Shumero-Akkads, were branches of this race, while the Basques of to-day have probably more of the Akkadian than of any other blood which flows in their veins.

A reference to the early inhabitants of our own islands may

appropriately be made here, for it was in the early Akkadian days, about 100,000 years ago, that the colony of Initiates who founded Stonehenge landed on these shores—"these shores" being, of course, the shores of the Scandinavian part of the continent of Europe, as shown in Map No. 3. The initiated priests and their followers appear to have belonged to a very early strain of the Akkadian race—they were taller, fairer, and longer headed than the aborigines of the country, who were a very mixed race, but mostly degenerate remnants of the Rmoahals. As readers of the *Transaction of the London Lodge* on the "Pyramids and Stonehenge," will know, the rude simplicity of Stonehenge was intended as a protest against the extravagant ornament and over-decoration of the existing temples in Atlantis, where the debased worship of their own images was being carried on by the inhabitants.

The Mongolians, as we have seen, never had any touch with the mother-continent. Born on the wide plains of Tartary, their emigrations for long found ample scope within those regions; but more than once tribes of Mongol descent have overflowed from northern Asia to America, across Behring's Straits, and the last of such emigrations—that of the Kitans, some 1,300 years ago—has left traces which some western savants have been able to follow. The presence of Mongolian blood in some tribes of North American Indians has also been recognized by various writers on ethnology. The Hungarians and Malays are both known to be offshoots of this race, ennobled in the one case by a strain of Aryan blood, degraded in the other by mixture with the effete Lemurians. But the interesting fact about the Mongolians is that its last family race is still in full force—it has not in fact yet reached its zenith—and the Japanese nation has still got history to give to the world.

Arts and Sciences.—It must primarily be recognized that our

own Aryan race has naturally achieved far greater results in almost every direction than did the Atlanteans, but even where they failed to reach our level, the records of what they accomplished are of interest as representing the high water mark which their tide of civilization reached. On the other hand, the character of the scientific achievements in which they did outstrip us are of so dazzling a nature, that bewilderment at such unequal development is apt to be the feeling left.

The arts and sciences, as practised by the first two races, were, of course, crude in the extreme, but we do not propose to follow the progress achieved by each sub-race separately. The history of the Atlantean, as of the Aryan race, was interspersed with periods of progress and of decay. Eras of culture were followed by times of lawlessness, during which all artistic and scientific development was lost, these again being succeeded by civilizations reaching to still higher levels. It must naturally be with the periods of culture that the following remarks will deal, chief among which stands out the great Toltec era.

Architecture and sculpture, painting and music were all practised in Atlantis. The music even at the best of times was crude, and the instruments of the most primitive type. All the Atlantean races were fond of colour, and brilliant hues decorated both the insides and the outsides of their houses, but painting as a fine art was never well established, though in the later days some kind of drawing and painting was taught in the schools. Sculpture on the other hand, which was also taught in the schools, was widely practised, and reached great excellence. As we shall see later on under the head of "Religion" it became customary for every man who could afford it to place in one of the temples an image of himself. These were sometimes carved in wood or in hard black stone like basalt, but among the wealthy it became the fashion to have their statues cast in one of the precious metals, aurichalcum, gold or silver. A very fair

resemblance of the individual usually resulted, while in some cases a striking likeness was achieved.

Architecture, however, was naturally the most widely practised of these arts. Their buildings were massive structures of gigantic proportions. The dwelling houses in the cities were not, as ours are, closely crowded together in streets. Like their country houses some stood in their own garden grounds, others were separated by plots of common land, but all were isolated structures. In the case of houses of any importance four blocks of building surrounded a central courtyard, in the centre of which generally stood one of the fountains whose number in the "City of the Golden Gates" gained for it the second appellation of the "City of Waters." There was no exhibition of goods for sale as in modern streets. All transactions of buying and selling took place privately, except at stated times, when large public fairs were held in the open spaces of the cities. But the characteristic feature of the Toltec house was the tower that rose from one of its corners or from the centre of one of the blocks. A spiral staircase built outside led to the upper stories, and a pointed dome terminated the tower—this upper portion being very commonly used as an observatory. As already stated the houses were decorated with bright colours. Some were ornamented with carvings, others with frescoes or painted patterns. The window-spaces were filled with some manufactured article similar to, but less transparent than, glass. The interiors were not furnished with the elaborate detail of our modern dwellings, but the life was highly civilized of its kind.

The temples were huge halls resembling more than anything else the gigantic piles of Egypt, but built on a still more stupendous scale. The pillars supporting the roof were generally square, seldom circular. In the days of the decadence the aisles were surrounded with innumerable chapels in which were enshrined the statues of the more important inhabitants. These

side shrines indeed were occasionally of such considerable size as to admit a whole retinue of priests whom some specially great man might have in his service for the ceremonial worship of his image. Like the private houses the temples too were never complete without the dome-capped towers, which of course were of corresponding size and magnificence. These were used for astronomical observations and for sun-worship.

The precious metals were largely used in the adornment of the temples, the interiors being often not merely inlaid but plated with gold. Gold and silver were highly valued, but as we shall see later on when the subject of the currency is dealt with, the uses to which they were put were entirely artistic and had nothing to do with coinage, while the great quantities that were then produced by the chemists—or as we should now-a-days call them alchemists—may be said to have taken them out of the category of the precious metals. This power of transmutation of metals was not universal, but it was so widely possessed that enormous quantities were made. In fact the production of the wished-for metals may be regarded as one of the industrial enterprises of those days by which these alchemists gained their living. Gold was admired even more than silver, and was consequently produced in much greater quantity.

Education.—A few words on the subject of language will fitly prelude a consideration of the training in the schools and colleges of Atlantis. During the first map period Toltec was the universal language, not only throughout the continent but in the western islands and that part of the eastern continent which recognized the emperor's rule. Remains of the Rmoahal and Tlavatli speech survived it is true in out-of-the-way parts, just as the Keltic and Cymric speech survives to-day among us in Ireland and Wales. The Tlavatli tongue was the basis used by the Turanians, who introduced such modifications that an entirely different language was in time produced; while the

Semites and Akkadians, adopting a Toltec ground-work, modified it in their respective ways, and so produced two divergent varieties. Thus in the later days of Poseidonis there were several entirely different languages—all however belonging to the agglutinative type—for it was not till Fifth Race days that the descendants of the Semites and Akkadians developed inflectional speech. All through the ages, however, the Toltec language fairly maintained its purity, and the same tongue that was spoken in Atlantis in the days of its splendour was used, with but slight alterations, thousands of years later in Mexico and Peru.

The schools and colleges of Atlantis in the great Toltec days, as well as in subsequent eras of culture, were all endowed by the State. Though every child was required to pass through the primary schools, the subsequent training differed very widely. The primary schools formed a sort of winnowing ground. Those who showed real aptitude for study were, along with the children of the dominant classes who naturally had greater abilities, drafted into the higher schools at about the age of twelve. Reading and writing, which were regarded as mere preliminaries, had already been taught them in the primary schools.

But reading and writing were not considered necessary for the great masses of the inhabitants who had to spend their lives in tilling the land, or in handicrafts, the practice of which was required by the community. The great majority of the children therefore were at once passed on to the technical schools best suited to their various abilities. Chief among these were the agricultural schools. Some branches of mechanics also formed part of the training, while in outlying districts and by the sea-side hunting and fishing were naturally included. And so the children all received the education or training which was most appropriate for them.

The children of superior abilities, who as we have seen had

been taught to read and write, had a much more elaborate education. The properties of plants and their healing qualities formed an important branch of study. There were no recognized physicians in those days—every educated man knew more or less of medicine as well as of magnetic healing. Chemistry, mathematics and astronomy were also taught. The training in such studies finds its analogy among ourselves, but the object towards which the teachers' efforts were mainly directed, was the development of the pupil's psychic faculties and his instruction in the more hidden forces of nature. The occult properties of plants, metals, and precious stones, as well as the alchemical processes of transmutation, were included in this category. But as time went on it became more and more the personal power, which Bulwer Lytton calls *vril*, and the operation of which he has fairly accurately described in his *Coming Race*, that the colleges for the higher training of the youth of Atlantis were specially occupied in developing. The marked change which took place when the decadence of the race set in was, that instead of merit and aptitude being regarded as warrants for advancement to the higher grades of instruction, the dominant classes becoming more and more exclusive allowed none but their own children to graduate in the higher knowledge which gave so much power.

In such an empire as the Toltec, agriculture naturally received much attention. Not only were the labourers taught their duties in technical schools, but colleges were established in which the knowledge necessary for carrying out experiments in the crossing both of animals and plants, were taught to fitting students.

As readers of Theosophic literature may know, wheat was not evolved on this planet at all. It was the gift of the Manu who brought it from another globe outside our chain of worlds. But oats and some of our other cereals are the results of

crosses between wheat and the indigenous grasses of the earth. Now the experiments which gave these results were carried out in the agricultural schools of Atlantis. Of course such experiments were guided by high knowledge. But the most notable achievement to be recorded of the Atlantean agriculturists was the evolution of the plantain or banana. In the original wild state it was like an elongated melon with scarcely any pulp, but full of seeds as a melon is. It was of course only by centuries (if not thousands of years) of continuous selection and elimination that the present seedless plant was evolved.

Among the domesticated animals of the Toltec days were creatures that looked like very small tapirs. They naturally fed upon roots or herbage, but like the pigs of to-day, which they resembled in more than one particular, they were not over cleanly, and ate whatever came in their way. Large cat-like animals and the wolf-like ancestors of the dog might also be met about human habitations. The Toltec carts appear to have been drawn by creatures somewhat resembling small camels. The Peruvian llamas of to-day are probably their descendants. The ancestors of the Irish elk, too, roamed in herds about the hill sides in much the same way as our Highland cattle do now—too wild to allow of easy approach, but still under the control of man.

Constant experiments were made in breeding and cross-breeding different kinds of animals, and, curious though it may seem to us, artificial heat was largely used to force their development, so that the results of crossing and interbreeding might be more quickly apparent. The use, too, of different coloured lights in the chambers where such experiments were carried on were adopted in order to obtain varying results.

This control and moulding at will by man of the animal forms brings us to a rather startling and very mysterious subject. Reference has been made above to the work done by the

Manus. Now it is in the mind of the Manu that originates all improvements in type and the potentialities latent in every form of being. In order to work out in detail the improvements in the animal forms, the help and co-operation of man were required. The amphibian and reptile forms which then abounded had about run their course, and were ready to assume the more advanced type of bird or mammal. These forms constituted the inchoate material placed at man's disposal, and the clay was ready to assume whatever shape the potter's hands might mould it into. It was specially with animals in the intermediate stage that so many of the experiments above referred to were tried, and doubtless the domesticated animals like the horse, which are now of such service to man, are the result of these experiments in which the men of those days acted in co-operation with the Manu and his ministers. But the co-operation was too soon withdrawn. Selfishness obtained the upper hand, and war and discord brought the Golden Age of the Toltecs to a close. When instead of working loyally for a common end, under the guidance of their Initiate kings, men began to prey upon each other, the beasts which might gradually have assumed, under the care of man, more and more useful and domesticated forms, being left to the guidance of their own instincts naturally followed the example of their monarch, and began to prey upon each other. Some indeed had actually already been trained and used by men in their hunting expeditions, and thus the semi-domesticated cat-like animals above referred to naturally became the ancestors of the leopards and jaguars.

One illustration of what some may be tempted to call a fantastic theory, though it may not elucidate the problem, will at least point the moral contained in this supplement to our knowledge regarding the mysterious manner in which our evolution has proceeded. The lion it would appear might have

had a gentler nature and a less fierce aspect had the men of those days completed the task that was given them to perform. Whether or not he is fated eventually "to lie down with the lamb and eat straw like the ox," the destiny in store for him as pictured in the mind of the Manu has not yet been realized, for the picture was that of a powerful but domesticated animal—a strong level-backed creature, with large intelligent eyes, intended to act as man's most powerful servant for purposes of traction.

The "City of the Golden Gates" and its surroundings must be described before we come to consider the marvellous system by which its inhabitants were supplied with water. It lay, as we have seen, on the east coast of the continent close to the sea, and about 15° north of the equator. A beautifully-wooded park-like country surrounded the city. Scattered over a large area of this were the villa residences of the wealthier classes. To the west lay a range of mountains, from which the water supply of the city was drawn. The city itself was built on the slopes of a hill, which rose from the plain about 500 feet. On the summit of this hill lay the emperor's palace and gardens, in the centre of which welled up from the earth a never-ending stream of water, supplying first the palace and the fountains in the gardens, thence flowing in the four directions and falling in cascades into a canal or moat which encompassed the palace grounds, and thus separated them from the city which lay below on every side. From this canal four channels led the water through four quarters of the city to cascades which in their turn supplied another encircling canal at a lower level. There were three such canals forming concentric circles, the outermost and lowest of which was still above the level of the plain. A fourth canal at this lowest level, but on a rectangular plan, received the constantly flowing waters, and in its turn discharged them into the sea. The city

extended over part of the plain, up to the edge of this great outermost moat, which surrounded and defended it with a line of waterways extending about twelve miles by ten miles square.

It will thus be seen that the city was divided into three great belts, each hemmed in by its canals. The characteristic feature of the upper belt that lay just below the palace grounds, was a circular race-course and large public gardens. Most of the houses of the court officials also lay on this belt, and here also was an institution of which we have no parallel in modern times. The term "Strangers' Home" amongst us suggests a mean appearance and sordid surroundings, but this was a palace where all strangers who might come to the city were entertained as long as they might choose to stay—being treated all the time as guests of the Government. The detached houses of the inhabitants and the various temples scattered throughout the city occupied the other two belts. In the days of the Toltec greatness there seems to have been no real poverty—even the retinue of slaves attached to most houses being well fed and clothed—but there were a number of comparatively poor houses in the lowest belt to the north, as well as outside the outermost canal towards the sea. The inhabitants of this part were mostly connected with the shipping, and their houses though detached were built closer together than in other districts.

It will be seen from the above that the inhabitants had thus a never-failing supply of pure clear water constantly coursing through the city, while the upper belts and the emperor's palace were protected by lines of moats, each one at a higher level as the centre was approached.

Now it does not require much mechanical knowledge in order to realize how stupendous must have been the works needed to provide this supply, for in the days of its greatness

the "City of the Golden Gates" embraced within its four circles of moats over two million inhabitants. No such system of water supply has ever been attempted in Greek, Roman or modern times—indeed it is very doubtful whether our ablest engineers, even at the expenditure of untold wealth, could produce such a result.

A description of some of its leading features will be of interest. It was from a lake which lay among the mountains to the west of the city, at an elevation of about 2,600 feet, that the supply was drawn. The main aqueduct which was of oval section, measuring fifty feet by thirty feet, led underground to an enormous heart-shaped reservoir. This lay deep below the palace, in fact at the very base of the hill on which the palace and the city stood. From this reservoir a perpendicular shaft of about 500 feet up through the solid rock gave passage to the water which welled up in the palace grounds, and thence was distributed throughout the city. Various pipes from the central reservoir also led to different parts of the city to supply drinking water and the public fountains. Systems of sluices of course also existed to control or cut off the supply of the different districts.

From the above it will be apparent to any one possessed of some little knowledge of mechanics that the pressure in the subterranean aqueduct and the central reservoir from which the water naturally rose to the basin in the palace gardens, must have been enormous, and the resisting power of the material used in their construction consequently prodigious.

If the system of water supply in the "City of the Golden Gates" was wonderful, the Atlantean methods of locomotion must be recognised as still more marvellous, for the air-ship or flying-machine which Keely in America, and Maxim in this country are now attempting to produce, was then a realized fact. It was not at any time a common means of transport.

The slaves, the servants, and the masses who laboured with their hands, had to trudge along the country tracks, or travel in rude carts with solid wheels drawn by uncouth animals. The air-boats may be considered as the private carriages of those days, or rather the private yachts, if we regard the relative number of those who possessed them, for they must have been at all times difficult and costly to produce. They were not as a rule built to accommodate many persons. Numbers were constructed for only two, some allowed for six or eight passengers. In the later days when war and strife had brought the Golden Age to an end, battle ships that could navigate the air had to a great extent replaced the battle ships at sea—having naturally proved far more powerful engines of destruction. These were constructed to carry as many as fifty, and in some cases even up to a hundred fighting men.

The material of which the air boats were constructed was either wood or metal. The earlier ones were built of wood—the boards used being exceedingly thin, but the injection of some substance which did not add materially to the weight while it gave leather-like toughness, provided the necessary combination of lightness and strength. When metal was used it was generally an alloy—two white-coloured metals and one red one entering into its composition. The resultant was white-coloured, like aluminium, and even lighter in weight. Over the rough framework of the air-boat was extended a large sheet of this metal which was then beaten into shape and electrically welded where necessary. But whether built of metal or wood their outside surface was apparently seamless and perfectly smooth, and they shone in the dark as if coated with luminous paint.

In shape they were boat-like, but they were invariably decked over, for when at full speed it could not have been convenient, even if safe, for any on board to remain on the upper deck.

Their propelling and steering gear could be brought into use at either end.

But the all-interesting question is that relating to the power by which they were propelled. In the earlier times it seems to have been personal *vril* that supplied the motive power—whether used in conjunction with any mechanical contrivance matters not much—but in the later days this was replaced by a force which, though generated in what is to us an unknown manner, operated nevertheless through definite mechanical arrangements. This force, though not yet discovered by science, more nearly approached that which Keely in America is learning to handle than the electric power used by Maxim. It was in fact of an etheric nature, but though we are no nearer to the solution of the problem, its method of operation can be described. The mechanical arrangements no doubt differed somewhat in different vessels. The following description is taken from an air-boat in which on one occasion three ambassadors from the king who ruled over the northern part of Poseidonis made the journey to the court of the southern kingdom. A strong heavy metal chest which lay in the centre of the boat was the generator. Thence the force flowed through two large flexible tubes to either end of the vessel, as well as through eight subsidiary tubes fixed fore and aft to the bulwarks. These had double openings pointing vertically both up and down. When the journey was about to begin the valves of the eight bulwark tubes which pointed downwards were opened—all the other valves being closed. The current rushing through these impinged on the earth with such force as to drive the boat upwards, while the air itself continued to supply the necessary fulcrum. When a sufficient elevation was reached the flexible tube at that end of the vessel which pointed away from the desired destination, was brought into action, while by the partial closing of the valves the current rushing through the

eight vertical tubes was reduced to the small amount required to maintain the elevation reached. The great volume of the current, being now directed through the large tube pointing downwards from the stern at an angle of about forty-five degrees, while helping to maintain the elevation, provided also the great motive power to propel the vessel through the air. The steering was accomplished by the discharge of the current through this tube, for the slightest change in its direction at once caused an alteration in the vessel's course. But constant supervision was not required. When a long journey had to be taken the tube could be fixed so as to need no handling till the destination was almost reached. The maximum speed attained was about one hundred miles an hour, the course of flight never being a straight line, but always in the form of long waves, now approaching and now receding from the earth. The elevation at which the vessels travelled was only a few hundred feet—indeed, when high mountains lay in the line of their track it was necessary to change their course and go round them—the more rarefied air no longer supplying the necessary fulcrum. Hills of about one thousand feet were the highest they could cross. The means by which the vessel was brought to a stop on reaching its destination—and this could be done equally well in mid-air—was to give escape to some of the current force through the tube at that end of the boat which pointed towards its destination, and the current impinging on the land or air in front, acted as a drag, while the propelling force behind was gradually reduced by the closing of the valve. The reason has still to be given for the existence of the eight tubes pointing upwards from the bulwarks. This had more specially to do with the aerial warfare. Having so powerful a force at their disposal, the warships naturally directed the current against each other. Now this was apt to destroy the equilibrium of the ship so struck and to turn it upside down—a situation sure to be

taken advantage of by the enemy's vessel to make an attack with her ram. There was also the further danger of being precipitated to the ground, unless the shutting and opening of the necessary valves were quickly attended to. In whatever position the vessel might be, the tubes pointing towards the earth were naturally those through which the current should be rushing, while the tubes pointing upwards should be closed. The means by which a vessel turned upside down might be righted and placed again on a level keel, was accomplished by using the four tubes pointing downwards at one side of the vessel only, while the four at the other side were kept closed.

The Atlanteans had also sea-going vessels which were propelled by some power analogous to that above mentioned, but the current force which was eventually found to be most effective in this case had a denser appearance than that used in the air-boats.

Manners and Customs.—There was doubtless as much variety in the manners and customs of the Atlanteans at different epochs of their history, as there has been among the various nations which compose our Aryan race. With the fluctuating fashion of the centuries we are not concerned. The following remarks will attempt to deal merely with the leading characteristics which differentiate their habits from our own, and these will be chosen as much as possible from the great Toltec era.

With regard to marriage and the relations of the sexes the experiments made by the Turanians have already been referred to. Polygamous customs were prevalent at different times among all the sub-races, but in the Toltec days while two wives were allowed by the law, great numbers of men had only one wife. Nor were the women—as in countries now-a-days where polygamy prevails—regarded as inferiors, or in the least oppressed. Their position was quite equal to that of the men, while the aptitude many of them displayed in acquiring the vril-power

made them fully the equals if not the superiors of the other sex. This equality indeed was recognised from infancy, and there was no separation of the sexes in schools or colleges. Boys and girls were taught together. It was the rule, too, and not the exception, for complete harmony to prevail in the dual households, and the mothers taught their children to look equally to their father's wives for love and protection. Nor were women debarred from taking part in the government. Sometimes they were members of the councils, and occasionally even were chosen by the Adept emperor to represent him in the various provinces as the local sovereigns.

The writing material of the Atlanteans consisted of thin sheets of metal, on the white porcelain-like surface of which the words were written. They also had the means of reproducing the written text by placing on the inscribed sheet another thin metal plate which had previously been dipped in some liquid. The text thus graven on the second plate could be reproduced at will on other sheets, a great number of which fastened together constituted a book.

A custom which differs considerably from our own must be instanced next, in their choice of food. It is an unpleasant subject, but can scarcely be passed over. The flesh of the animals they usually discarded, while the parts which among us are avoided as food, were by them devoured. The blood also they drank—often hot from the animal—and various cooked dishes were also made of it.

It must not, however, be thought that they were without the lighter, and to us, more palatable, kinds of food. The seas and rivers provided them with fish, the flesh of which they ate, though often in such an advanced stage of decomposition as would be to us revolting. The different grains were largely cultivated, of which were made bread and cakes. They also had milk, fruit and vegetables.

A small minority of the inhabitants, it is true, never adopted the revolting customs above referred to. This was the case with the Adept kings and emperors and the initiated priesthood throughout the whole empire. They were entirely vegetarian in their habits, but though many of the emperor's counsellors and the officials about the court affected to prefer the purer diet, they often indulged in secret their grosser tastes.

Nor were strong drinks unknown in those days. Fermented liquor of a very potent sort was at one time much in vogue. But it was so apt to make these who drank it dangerously excited that a law was passed absolutely forbidding its consumption.

The weapons of warfare and the chase differed considerably at different epochs. Swords and spears, bows and arrows sufficed as a rule for the Rmoahals and the Tlavatli. The beasts which they hunted at that very early period were mammoths with long woolly hair, elephants and hippopotami. Marsupials also abounded as well as survivals of intermediate types—some being half reptile and half mammal, others half reptile and half bird.

The use of explosives was adopted at an early period, and carried to great perfection in later times. Some appear to have been made to explode on concussion, others after a certain interval of time, but in either case the destruction to life seems to have resulted from the release of some poisonous vapour, not from the impact of bullets. So powerful indeed must have become these explosives in later Atlantean times, that we hear of whole companies of men being destroyed in battle by the noxious gas generated by the explosion of one of these bombs above their heads, thrown there by some sort of lever.

The monetary system must now be considered. During the first three sub-races at all events, such a thing as a State

coinage was unknown. Small pieces of metal or leather stamped with some given value were, it is true, used as tokens. Having a perforation in the centre they were strung together, and were usually carried at the girdle. But each man was as it were his own coiner, and the leather or metal token fabricated by him, and exchanged with another for value received, was but a personal acknowledgment of indebtedness, such as a promissory note is among us. No man was entitled to fabricate more of these tokens than he was able to redeem by the transfer of goods in his possession. The tokens did not circulate as coinage does, while the holder of the token had the means to estimate with perfect accuracy the resources of his debtor by the clairvoyant faculty which all then possessed to a greater or less degree, and which in any case of doubt was instantly directed to ascertain the actual state of the facts.

It must be stated, however, that in the later days of Poseidonis, a system approximating to our own currency was adopted, and the triple mountain visible from the great southern capital was the favourite representation on the State coinage.

But the system of land tenure is the most important subject under this heading. Among the Rmoahal and Tlavatli, who lived chiefly by hunting and fishing, the question naturally did not arise, though some system of village cultivation was recognized in the Tlavatli days.

It was with the increase of population and civilization in the early Toltec times that land first became worth fighting for. It is not proposed to trace the system or want of system prevalent in the troublous times anterior to the advent of the Golden Age. But the records of that epoch present to the consideration, not only of political economists, but of all who regard the welfare of the race, a subject of the utmost interest and importance.

The population it must be remembered had been steadily

increasing, and under the government of the Adept emperors it had reached the very large figure already quoted; nevertheless poverty and want were things undreamt of in those days, and this social well-being was no doubt partly due to the system of land tenure.

Not only was all the land and its produce regarded as belonging to the emperor, but all the flocks and herds upon it were his as well. The country was divided into different provinces or districts, each province having at its head one of the subsidiary kings or viceroys appointed by the emperor. Each of these viceroys was held responsible for the government and well-being of all the inhabitants under his rule. The tillage of the land, the harvesting of the crops, and the pasturage of the herds lay within his sphere of superintendence, as well as the conducting of such agricultural experiments as have been already referred to.

Each viceroy had round him a council of agricultural advisers and coadjutors, who had amongst their other duties to be well versed in astronomy, for it was not a barren science in those days. The occult influences on plant and animal life were then studied and taken advantage of. The power, too, of producing rain at will was not uncommon then, while the effects of a glacial epoch were on more than one occasion partly neutralized in the northern parts of the continent by occult science. The right day for beginning every agricultural operation was of course duly calculated, and the work carried into effect by the officials whose duty it was to supervise every detail.

The produce raised in each district or kingdom was as a rule consumed in it, but an exchange of agricultural commodities was sometimes arranged between the rulers.

After a small share had been put aside for the emperor and the central government at the "City of the Golden Gates," the produce of the whole district or kingdom was divided among

the inhabitants—the local viceroy and his retinue of officials naturally receiving the larger portions, but the meanest agricultural labourer getting enough to secure him competence and comfort. Any increase in the productive capacity of the land, or in the mineral wealth which it yielded, was divided proportionately amongst all concerned—all, therefore, were interested in making the result of their combined labour as lucrative as possible.

This system worked admirably for a very long period. But as time went on negligence and self-seeking crept in. Those whose duty it was to superintend, threw more and more responsibility on their inferiors in office, and in time it became rare for the rulers to interfere or to interest themselves in any of the operations. This was the beginning of the evil days. The members of the dominant class who had previously given all their time to the state duties began to think about making their own lives more pleasant. The elaboration of luxury was setting in.

There was one cause in particular which produced great discontent amongst the lower classes. The system under which the youth of the nation was drafted into the technical schools has already been referred to. Now it was always one of the superior class whose psychic faculties had been duly cultivated, to whom the duty was assigned of selecting the children so that each one should receive the training, and ultimately be devoted to the occupation, for which he was naturally most fitted. But when those possessed of the clairvoyant vision, by which alone such choice could be made, delegated their duties to inferiors who were wanting in such psychic attributes, the results ensuing were that the children were often thrust into wrong grooves, and those whose capacity and taste lay in one direction often found themselves tied for life to an occupation which they disliked, and in which, therefore, they were rarely successful.

The systems of land tenure which ensued in different parts of the empire on the breaking up of the great Toltec dynasty were many and various. But it is not necessary to follow them. In the later days of Poseidonis they had, as a rule, given place to the system of individual ownership which we know so well.

Reference has already been made, under the head of "Emigrations," to the system of land tenure which prevailed during that glorious period of Peruvian history when the Incas held sway about 14,000 years ago. A short summary of this may be of interest as demonstrating the source from which its groundwork was doubtless derived, as well as instancing the variations which had been adopted in this somewhat more complicated system.

All title to land was derived in the first instance from the Inca, but half of it was assigned to the cultivators, who of course constituted the great bulk of the population. The other half was divided between the Inca and the priesthood who celebrated the worship of the sun.

Out of the proceeds of his specially allotted lands the Inca had to keep up the army, the roads throughout the whole empire, and all the machinery of government. This was conducted by a special governing class all more or less closely related to the Inca himself, and representing a civilization and a culture much in advance of the great masses of the population.

The remaining fourth—"the lands of the sun"—provided not only for the priests who conducted the public worship throughout the empire, but for the entire education of the people in schools and colleges, for all sick and infirm persons, and finally, for every inhabitant (exclusive, of course, of the governing class for whom there was no cessation of work) on reaching the age of forty-five, that being the age arranged for the hard work of life to cease, and for leisure and enjoyment to begin.

Religion.—The only subject that now remains to be dealt with is the evolution of religious ideas. Between the spiritual aspiration of a rude but simple race and the degraded ritual of an intellectually cultured but spiritually dead people, lies a gulf which only the term religion, used in its widest acceptance, can span. Nevertheless it is this consecutive process of generation and degeneration which has to be traced in the history of the Atlantean people.

It will be remembered that the government under which the Rmoahals came into existence, was described as the most perfect conceivable, for it was the Manu himself who acted as their king. The memory of this divine ruler was naturally preserved in the annals of the race, and in due time he came to be regarded as a god, among a people who were naturally psychic; and had consequently glimpses of those states of consciousness which transcend our ordinary waking condition. Retaining these higher attributes, it was only natural that this primitive people should adopt a religion, which, though in no way representative of any exalted philosophy, was of a type far from ignoble. In later days this phase of religious belief passed into a kind of ancestor-worship.

The Tlavatli while inheriting the traditional reverence and worship for the Manu, were taught by Adept instructors of the existence of a Supreme Being whose symbol was recognized as the sun. They thus developed a sort of sun worship, for the practice of which they repaired to the hill tops. There they built great circles of upright monoliths. These were intended to be symbolical of the sun's yearly course, but they were also used for astronomical purposes—being placed so that, to one standing at the high altar, the sun would rise at the winter solstice behind one of these monoliths, at the vernal equinox behind another, and so on throughout the year. Astronomical observations of a still more complex character connected with

the more distant constellations were also helped by these stone circles.

We have already seen under the head of emigrations how a later sub-race—the Akkadians—in the erection of Stonehenge, reverted to this primitive building of monoliths.

Endowed though the Tlavatli were with somewhat greater capacity for intellectual development than the previous sub-race, their cult was still of a very primitive type.

With the wider diffusion of knowledge in the days of the Toltecs, and more especially with the establishment later on of an initiated priesthood and an Adept emperor, increased opportunities were offered to the people for the attainment of a truer conception of the divine. The few who were ready to take full advantage of the teaching offered, after having been tried and tested, were doubtless admitted into the ranks of the priesthood which then constituted an immense occult fraternity. With these, however, who had so outstripped the mass of humanity, as to be ready to begin the progress of the occult path, we are not here concerned, the religions practised by the inhabitants of Atlantis generally being the subject of our investigation.

The power to rise to philosophic heights of thought was of course wanting to the masses of those days, as it is similarly wanting to the great majority of the inhabitants of the world to-day. The nearest approach which the most gifted teacher could make in attempting to convey any idea of the nameless and all-pervading essence of the Kosmos was necessarily imparted in the form of symbols, and the sun naturally enough was the first symbol adopted. As in our own days too the more cultivated and spiritually minded would see through the symbol, and might sometimes rise on the wings of devotion to the Father of our spirits, that

"Motive and centre of our soul's desire,
Object and refuge of our journey's end "

while the grosser multitude would see nothing but the symbol, and would worship it, as the carved Madonna or the wooden image of the crucified one is to-day worshipped throughout Catholic Europe.

Sun and fire worship then became the cult for the celebration of which magnificent temples were reared throughout the length and breadth of the continent of Atlantis, but more especially in the great "City of the Golden Gates"—the temple service being performed by retinues of priests endowed by the State for that purpose.

In those early days no image of the Deity was permitted. The sun-disk was considered the only appropriate emblem of the godhead, and as such was used in every temple, a golden disk being generally placed so as to catch the first rays of the rising sun at the vernal equinox or at the summer solstice.

An interesting example of the almost unalloyed survival of this worship of the sun-disk may be instanced in the Shinto ceremonies of Japan. All other representation of Deity is in this faith regarded as impious, and even the circular mirror of polished metal is hidden from the vulgar gaze save on ceremonial occasions. Unlike the gorgeous temple decorations of Atlantis however, the Shinto temples are characterized by an entire absence of decoration—the exquisite finish of the plain wood-work being unrelieved by any carving, paint or varnish.

But the sun-disk did not always remain the only permissible emblem of Deity. The image of a man—an archetypal man—was in after days placed in the temples and adored as the highest representation of the divine. In some ways this might be considered a reversion to the Rmoahal worship of the Manu. Even then the religion was comparatively pure, and the occult fraternity of the "Good Law" of course did their utmost to keep alive in the hearts of the people the spiritual life.

The evil days, however, were drawing near when no altruistic idea should remain to redeem the race from the abyss of selfishness in which it was destined to be overwhelmed. The decay of the ethical idea was the necessary prelude to the perversion of the spiritual. The hand of every man fought for himself alone, and his knowledge was used for purely selfish ends, till it became an established belief that there was nothing in the universe greater or higher than themselves. Each man was his own "Law, and Lord and God," and the very worship of the temples ceased to be the worship of any ideal, but became the mere adoration of man as he was known and seen to be. As is written in the *Book of Dzryan*, "Then the Fourth became tall with pride. We are the kings it was said; we are the Gods. . . . They built huge cities. Of rare earths and metals they built, and out of the fires vomited, out of the white stone of the mountains and of the black stone, they cut their own images in their size and likeness, and worshipped them." Shrines were placed in temples in which the statue of each man, wrought in gold or silver, or carved in stone or wood, was adored by himself. The richer men kept whole trains of priests in their employ for the cult and care of their shrines, and offerings were made to these statues as to gods. The apotheosis of self could go no further.

It must be remembered that every true religious idea that has ever entered into the mind of man, has been consciously suggested to him by the divine Instructors or the Initiates of the Occult Lodges, who throughout all the ages have been the guardians of the divine mysteries, and of the facts of the supersensual states of consciousness.

Mankind generally has but slowly become capable of assimilating a few of these divine ideas, while the monstrous growths and hideous distortions to which every religion on earth stands

as witness, must be traced to man's own lower nature. It would seem indeed that he has not always even been fit to be entrusted with knowledge as to the mere symbols under which were veiled the light of Deity, for in the days of the Turanian supremacy some of this knowledge was wrongfully divulged.

We have seen how the life and light giving attributes of the sun were in early times used as the symbol to bring before the minds of the people all that they were capable of conceiving of the great First Cause. But other symbols of far deeper and more real significance were known and guarded within the ranks of the priesthood. One of these was the conception of a Trinity in Unity. The Trinities of most sacred significance were never divulged to the people, but the Trinity personifying the cosmic powers of the universe as Creator, Preserver, and Destroyer, became publicly known in some irregular manner in the Turanian days. This idea was still further materialized and degraded by the Semites into a strictly anthropomorphic Trinity consisting of father, mother and child.

A further and rather terrible development of the Turanian times must still be referred to. With the practice of sorcery many of the inhabitants had, of course, become aware of the existence of powerful elementals*—creatures who had been called into being, or at least animated by their own powerful wills, which being directed towards maleficent ends, naturally produced the elementals of power and malignity. So degraded had then become man's feelings of reverence and worship, that they actually began to adore these semi-conscious creations of their own malignant thought. The ritual with which these beings were worshipped was blood-stained from the very start, and of course every sacrifice offered at their shrine gave vitality and persistence to these vampire-like creations—so much so, that even to the present day in various parts of the world, the

*I have been looking for a good definition for the terms Deva(s) and Elemental(s). The book *A Treatise on Cosmic Fire* contains a great deal on both but it is dispersed over many pages so as to give the student a broad picture as to their place in the greater whole.

Like us the Devas are evolving, moving away from manifested existence, but their evolutionary technique is significantly different from ours. A point is reached along both paths where a relative equality is attained and dialog becomes possible but prior to this we would not be able to relate to each other nor appreciate the others point of view.

We evolve by using form as a means by which we gain in experience, expand our awareness, or consciousness, into greater and greater measures of inclusiveness. The same can be said for a planetary or solar life.

The Devas evolve via increase response to vibratory impacts. These impacts are the initiating impulses which dictate what sort of form is to be built. The Devas are the great Builders whether the form be that of an atom, an ant or a solar system. How does a single cell develop into a complex human body? Who/What controls the building process? DNA, I don't think so.

We use the form so as to achieve evolutionary development. They evolve by developing the ability to increasing respond to greater and greater, more refined, vibratory impacts leading to the building of more complex forms which are used by other entities for their evolution.

There is an intimate relationship between are two evolutions. We are mutually dependent upon one another.

The Elementals are the actual building material used by the Devas. They are the living essence out of which all form are built. They are on the involutionary arc, moving towards an increasing measure of material manifestation. They are lower on the ladder of evolution then is an atom of hydrogen which is also a form through which a life is evolving.

They are many grades, levels and differentiations to be found in all three groups.

A sorcerer has developed the ability to control some of the lower Devas. With their aid he can manipulate the Elementals and create some very unpleasant forms which have a calculated type of awareness associated with them.

A White Magician works *with* the Devas, they cooperate. A sorcerer *uses* those that he can.

elementals formed by the powerful will of these old Atlantean sorcerers still continue to exact their tribute from unoffending village communities.

Though inaugurated and widely practised by the brutal Turanians, this blood-stained ritual seems never to have spread to any extent among the other sub-races, though human sacrifices appear to have been not uncommon among some branches of the Semites.

In the great Toltec empire of Mexico the sun-worship of their forefathers was still the national religion, while the bloodless offerings to their beneficent Deity, Quetzalcoatl, consisted merely of flowers and fruit. It was only with the coming of the savage Aztecs that the harmless Mexican ritual was supplemented with the blood of human sacrifices, which drenched the altars of their war-god, Huitzilopochtli, and the tearing out of the hearts of the victims on the summit of the Teocali may be regarded as a direct survival of the elemental-worship of their Turanian ancestors in Atlantis.

It will be seen then that as in our own days, the religious life of the people embraced the most varied forms of belief and worship. From the small minority who aspired to initiation, and had touch with the higher spiritual life—who knew that good will towards all men, control of thought, and purity of life and action were the necessary preliminaries to the attainment of the highest states of consciousness and the widest realms of vision—innumerable phases led down through the more or less blind worship of cosmic powers, or of anthropomorphic gods, to the degraded but most widely extended ritual in which each man adored his own image, and to the blood-stained rites of the elemental worship.

It must be remembered throughout that we are dealing with the Atlantean race only, so that any reference would be out of place that bore on the still more degraded fetish-worship that

even then existed—as it still does—amongst the debased representatives of the Lemurian peoples.

All through the centuries then the various rituals composed to celebrate these various forms of worship were carried on, till the final submergence of Poseidonis, by which time the countless hosts of Atlantean emigrants had already established on foreign lands the various cults of the mother-continent.

To trace the rise and follow the progress in detail of the archaic religions, which in historic times have blossomed into such diverse and antagonistic forms, would be an undertaking of great difficulty, but the illumination it would throw on matters of transcendent importance may some day induce the attempt.

In conclusion, it would be vain to attempt to summarize what is already too much of a summary. Rather let us hope that the foregoing may lend itself as the text from which may be developed histories of the many offshoots of the various sub-races—histories which may analytically examine political and social developments which have been here touched on in the most fragmentary manner.

One word, however, may still be said about that evolution of the race—that progress which all creation, with mankind at its head, is ever destined to achieve century by century, millennium by millennium, manvantara by manvantara, and kalpa* by kalpa.

The descent of spirit into matter—these two poles of the one eternal substance—is the process which occupies the first half of every cycle. Now the period we have been contemplating in the foregoing pages—the period during which the Atlantean race was running its course—was the very middle or turning point of this present manvantara.†

The process of evolution which in our present Fifth Race has now set in—the return, that is, of matter into spirit—had

“The period which intervenes between the evolution of the Universe in some form or other, (Srishti), and its dissolution (Prakritapralaya), when all the discrete products of nature (Prakriti) are withdrawn into their indiscrete source (Mulaprakriti), constitutes the whole period of 100 years of Brahmâ’s age, as it is allegorically called, and is known as the *Maha Kalpa*.

“One day out of this long life of Brahmâ is called *Kalpa*; and a *Kalpa* is that portion of time which intervenes between one conjunction of all the planets on the horizon of Lanka, at the first point of Aries, and a subsequent similar conjunction. A *Kalpa* embraces the reign of fourteen Manus, and their sandhies (intervals); each Manu lying between two sandhies. Every Manu’s rule contains seventy-one *Maha Yugas*,—each *Maha Yuga* consists of four Yugas, viz, Krita, Treta, Dwapara, and Kali; and the length of each of these four Yugas is respectively as the numbers 4, 3, 2 and 1.

“The number of sidereal years embraced in the foregoing different periods are as follows:—

				Mortal years
360 days of mortals make a year	...	...	...	1
Krita Yuga contains	...	...	...	1,728,000
Treta Yuga contains	...	...	...	1,296,000
Dwapara Yuga contains	...	...	...	864,000
Kali Yuga contains	...	...	...	432,000
The total of the said four Yugas constitute a Maha Yuga	...	...	...	4,320,000
Seventy-one of such Maha Yugas form the period of the reign of one Manu	...	...	...	306,720,000
The reign of 14 Manus embraces the duration of 994 Maha Yugas which is equal to	...	...	...	4,294,080,000
Add <i>Sandhis</i> , i.e., intervals between the reign of each Manu; which amount to 6 Maha Yugas equal to	...	...	...	25,920,000
The total of these reigns and interregnums of 14 Manus is 1,000 Maha Yugas, which constitute a <i>Kalpa</i> . i.e., one day of Brahma,—equal to	...	...	...	4,320,000,000
As Brahma’s night is of equal duration, one day and night of Brahma will contain	...	...	...	8,640,000,000
360 of such days and nights make one year of Brahma, equal to	...	...	...	3,110,400,000,000
100 of such years constitute the whole period of Brahma’s age i.e., Maha Kalpa	...	...	...	311,040,000,000,000

“That these figures are not fanciful, but are founded upon astronomical facts, has been demonstrated by Mr. Davis, in an essay in the *Asiatic Researches*; and this receives further corroboration from the geological investigations and calculations made by Dr. Hunt, formerly President of the Anthropological Society and also in some respects from the researches made by Professor Huxley.

“Great as the period of the Maha Kalpa seems to be, we are assured that *thousands and thousands of millions of such Maha Kalpas* have passed, and as many more are yet to come. (Vide Brahma-Vaivarta and Bhavishyre Puranas; and Linga Purana, ch. 171, verse 107, &c.) and this in plain language means that

the Time past is infinite and the Time to come is equally infinite. The Universe is formed, dissolved, and reproduced, in an indeterminate succession (Bhagavata-gita VIII. 19).”

The Theosophist, Vol VII, pp. 115-116

†“A period of activity as opposed to a period of rest, without reference to any specific length of cycle. Frequently used to express a period of planetary activity and its seven races.”

Initiation Human and Solar, p. 221.

A planetary existence has the following structure:

1st you have a planetary Scheme which is composed of 7 Chains. Each Chain is composed of 7 Globes round which the life of that Chain circulates, periodically anchoring itself in one of the Globes. 7 times this life will circulate round the Chain animating each Globe for a period of time then move on to the next. Inactivity, a period of rest, then ensues, similar to the condition which Mercury and Mars are currently in. Each circulation through the 7 Globes is called a Round. The manvantara referred to by the author is our current Round.

Our planet is part of the Earth Scheme, is within the 4th Chain and is the 4th Globe, the densest, most material Globe in the Chain. We are in the 4th Round with the 5th Root Race, and its 5th sub-race, dominating most global affairs. We shall see what China has in mind. 4th Root Race, 7th sub-race.

On page 27, bottom of the page, these existences are from the 2nd Chain, called the Venusian Chain, of our Earth Scheme. The 4th Chain is called the Earth Chain. So we are part of the Earth Chain within the Earth Scheme.

Our Moon is what is left of the 4th Chain, 3rd Round, 4th Globe. Much of its material went into the building of our planet. If I remember correctly the top 3 layers were taken. Other material was supplied from elsewhere. The Moon is considerably older than our planet. The Moon is in the process of disintegration and will eventually disappear. It was at one time a living, thriving, planet whose life was prematurely terminated due to mistakes made. All of its life, including its humanity, was eventually transferred here once conditions permitted. There are two fundamental components to our humanity, those who Individualized here, 18.6 million years ago, and those who Individualized on the Moon. They are the more advanced members of our humanity.

To Individualize means to acquire ones own Soul. In the animal kingdom one Soul is responsible for a number of individual animals. That is not the case with humans. We each have our own Soul.

***By Universe a Solar System is meant.

in those days revealed itself in but a few isolated individual cases—forerunners of the resurrection of the spirit.

But the problem, which all who have given the subject any amount of consideration must have felt to be still awaiting a solution, is the surprising contrast in the attributes of the Atlantean race. Side by side with their brutal passions, their degraded animal propensities, were their psychic faculties, their godlike intuition.

Now the solution of this apparently insoluble enigma lies in the fact that the building of the bridge had only then been begun—the bridge of Manas, or mind, destined to unite in the perfected individual the upward surging forces of the animal and the downward cycling spirit of the God. The animal kingdom of to-day exhibits a field of nature where the building of that bridge has not yet been begun, and even among mankind in the days of Atlantis the connection was so slight that the spiritual attributes had but little controlling power over the lower animal nature. The touch of mind they had was sufficient to add zest to the gratification of the senses, but was not enough to vitalize the still dormant spiritual faculties, which in the perfected individual will have to become the absolute monarch. Our metaphor of the bridge may carry us a little further if we consider it as now in process of construction, but as destined to remain incomplete for mankind in general for untold millenniums—in fact, until Humanity has completed another circle of the seven planets and the great Fifth Round is half way through its course.

Though it was during the latter half of the Third Root Race and the beginning of the Fourth that the Manasaputra descended to endow with mind the bulk of Humanity who were still without the spark, yet so feebly burned the light all through the Atlantean days that few could be said to have attained to the powers of abstract thought. On the other hand the

functioning of the mind on concrete things came well within their grasp, and as we have seen it was in the practical concerns of their every-day life, especially when their psychic faculties were directed towards the same objects, that they achieved such remarkable and stupendous results.

It must also be remembered that Kama, the fourth principle, naturally obtained its culminating development in the Fourth Race. This would account for the depths of animal grossness to which they sank, whilst the approach of the cycle to its nadir inevitably accentuated this downward movement, so that there is little to be surprised at in the gradual loss by the race of the psychic faculties, and in its descent to selfishness and materialism.

Rather should all this be regarded as part of the great cyclic process in obedience to the eternal law.

We have all gone through those evil days, and the experiences we then accumulated go to make up the characters we now possess.

But a brighter sun now shines on the Aryan race than that which lit the path of their Atlantean forefathers. Less dominated by the passions of the senses, more open to the influence of mind, the men of our race have obtained, and are obtaining, a firmer grasp of knowledge, a wider range of intellect. This upward arc of the great Manvantaric cycle will naturally lead increasing numbers towards the entrance of the Occult Path, and will lend more and more attraction to the transcendent opportunities it offers for the continued strengthening and purification of the character—strengthening and purification no longer directed by mere spasmodic effort, and continually interrupted by misleading attractions, but guided and guarded at every step by the Masters of Wisdom, so that the upward climb when once begun should no longer be halting and uncertain, but lead direct to the glorious goal.

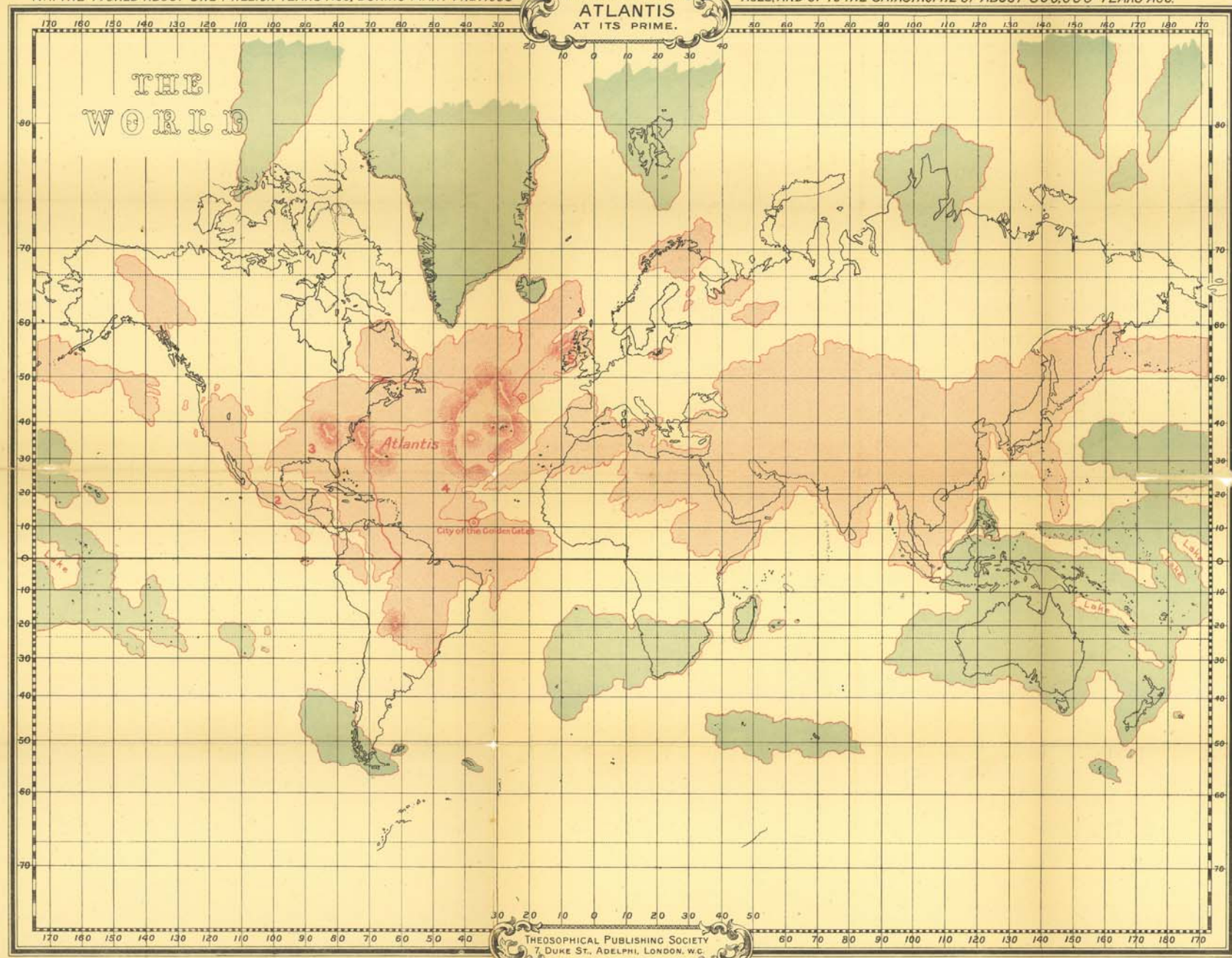
The psychic faculties too, and the godlike intuition, lost for a time but still the rightful heritage of the race, only await the individual effort of re-attainment, to give to the character still deeper insight and more transcendent powers. So shall the ranks of the Adept instructors—the Masters of Wisdom—be ever strengthened and recruited, and even amongst us to-day there must certainly be some, indistinguishable save by the deathless enthusiasm with which they are animated, who will, before the next Root Race is established on this planet, stand themselves as Masters of Wisdom to help the race in its upward progress.

Nº 1. THE WORLD ABOUT ONE MILLION YEARS AGO, DURING MANY PREVIOUS

AGES, AND UP TO THE CATASTROPHE OF ABOUT 800,000 YEARS AGO.

ATLANTIS
AT ITS PRIME.

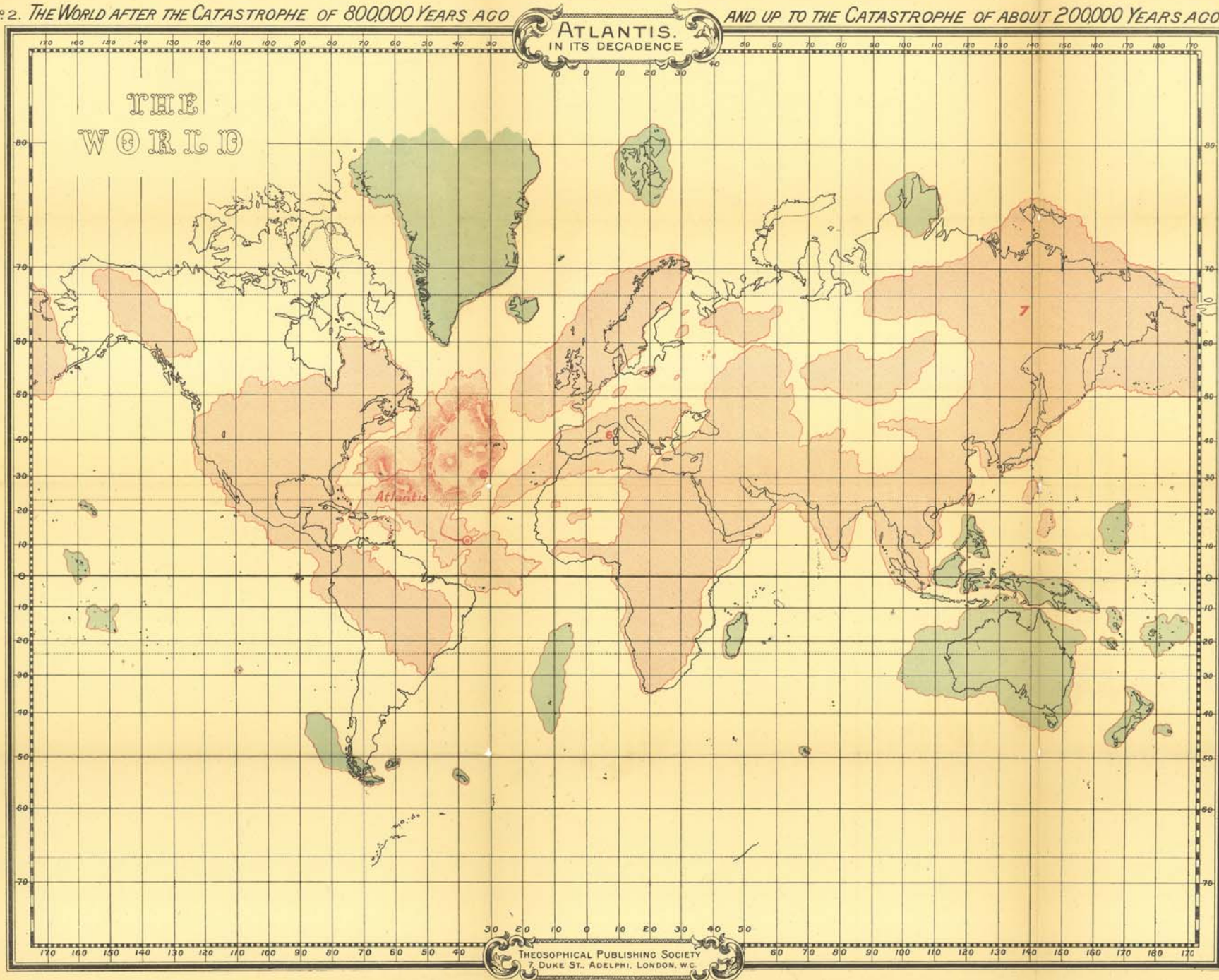
THE
WORLD



THEOSOPHICAL PUBLISHING SOCIETY
7, DUKE ST., ADELPHI, LONDON, W.C.

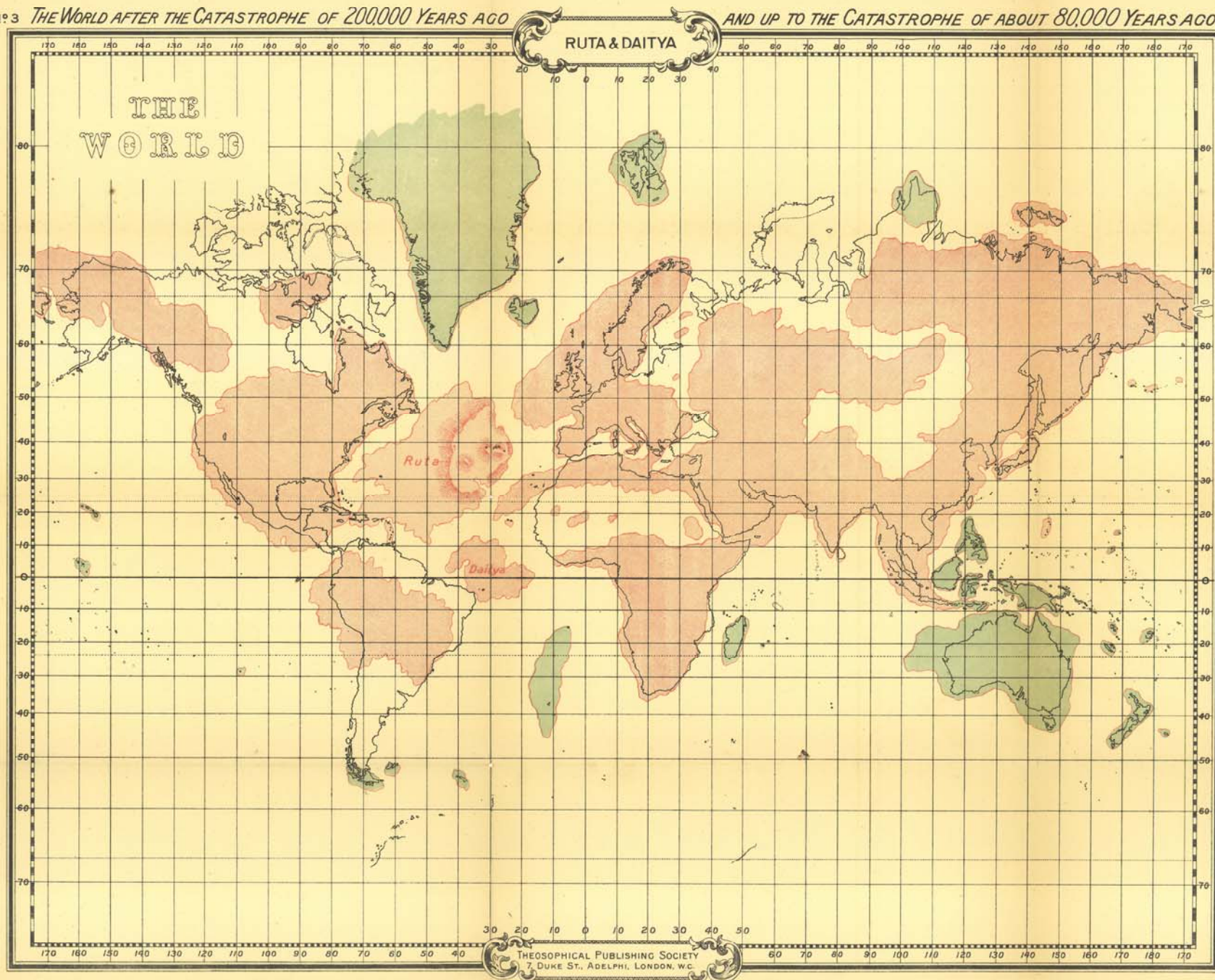
Nº 2. *THE WORLD AFTER THE CATASTROPHE OF 800,000 YEARS AGO*

AND UP TO THE CATASTROPHE OF ABOUT 200,000 YEARS AGO.



Nº 3 *THE WORLD AFTER THE CATASTROPHE OF 200,000 YEARS AGO*

AND UP TO THE CATASTROPHE OF ABOUT 80,000 YEARS AGO.



Nº4. *THE WORLD AFTER THE CATASTROPHE OF 80,000 YEARS AGO*

AND UP TO THE FINAL SUBMERGENCE OF POSEIDONIS IN 9,564 B. C.

