An underwater scene featuring two divers in the center, surrounded by coral reefs. A bright light source from above creates a vertical beam of light and a trail of bubbles. The overall color palette is dominated by deep blues and greens.

OTTO MUCK

**THE
SECRET
OF
ATLANTIS**

Otto Muck

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FOREWORD

Atlantis - The Enigma

Dreams Found Experiences Questions assumptions

Thus, I saw that scene: several amphorae embedded, side by side, held against the wall of the boat. Were still wet, had been ill from the sea. Two of amphorae appeared intact - after a few millennia! - Were still closed, sealed. I thought that contain olive oil or wine, which should already be much spoiled. The diver in his black clothes, rubber, raised the body and showed something even more precious: the head of a young Greek, in bronze, covered by green skating. The orbits of the eyes were not empty, the white of the eye was the mother of pearl, inlaid, and rainbow, brown, clipped from a shell, and glossy black, the pupil, was obsidian, volcanic glass. Beside the head was a piece mechanical, mashed and yet fully anyway, also covered with green skate, a wheel similar to a large clock. I remember the feeling I tried to include those objects, I felt admiration for the head and precious joy to identify the mechanical part, functional. However, also experienced a bit of irritation, because obviously I came late, missed the timing of the withdrawal of these objects of ocean bottom. Besides, I have my external regret this, because then the diver turned to me. With a significant gesture, he opened his hand and showed me a small gold bar, make no word, but to make me realize that, for him, all the rest was of little importance, without comparable value. Instead of the stamp, specifying the weight and fineness of gold bar, symbols discern it seemed weird that I know. One way or another, one small bar of gold made me remember a ceremony of launching cornerstone, when usually buried some coins and a newspaper of the day. What tremendous chance, out of range! This way, - so I thought - once the chofre, we were able to penetrate the very heart of the real city of Basel, in treasure, saved the Temple of Poseidon. I tried to fix the time and date of the event and with the movement I made to look ^ my watch, I have agreed. Were little more than 5h, and I was to get up at 5 and a half. The day before, on April 17, 1972, colleagues and I landed the vessel, the Isle of You; ship our luggage and our equipment to Fira, where dealing rooms, previously reserved in the hotel "Atlantis." The window see the Caldera, the bay of blue waters, once the main Santorim crater on the volcano whose center designed a new cone, the island Nea Kameni. Year after year, there transhipped the magma fluid and fiery, as reminiscent of times remotíssimos the volcano made the earth tremble, arguing that awful rash that, according to a theory much discussed, would have caused the disappearance of Atlantis.

As for the dream which woke up, their inspirations details were not "extra-sensory" but the memory alive of impressions taken, a short time ago in Athens and previously elsewhere. The amphorae on board were related to Jacques-Yves Cousteau, who met in 1953 in Munich, there when he presented his book and film "SILENCERS THE WORLD." We talked about the "aqualung", lung water he invented, which is to be brought back and to allow full freedom of movement and action during the dive, we talk about the depths of delirium, the possibility of treasure-hunters and archeology

underwater. To complete the radio interview, I asked if the Cousteau could never have thought to seek traces of Atlantis. He replied, in very diplomatic way, already thought about this, but stressed that involve delicate issue that, once we leave in the center of disputes waged between scientists and technicians. However, it seems, Cousteau has not lost sight of the problem of Atlantis. Now even as I write this preface, get on my desk a note from German television, saying, "Jacques-Yves Cousteau, the underwater research of 65 years, will address the ATLANTIC project. The Aegean Sea, mainly in the region of Santorim, his team of 30 divers will search for the remains of the legendary Atlantis and explore the theories of Atlantis, raised by Jürgen Spanuth (Heligoland), admitted as a supposed "places of finding" the Azores Islands, Bimini (Florida), Lanzarote (Islas Islands) and the Atlas mountains in Morocco. "

As for the other parts recovered and exposed in the boat with which I dreamed, I was able to see them, just before, at the National Museum in Athens. The couple, from embedded eyes, was recovered by divers, the cata of sponges, the wreck of a wreck, found a 60m deep, facing the Greek island of Anticitera. There was also found that gear, the "machine Anticitera" which, on the occasion of my visit, was not exposed to public visitation, but at my request, was brought to a depot for a small room, where I had occasion to see it. Until now, it was also found another piece, this is a kind of clock mechanism, the pine nuts are clearly identifiable, in the master wheel-there are 240 teeth, worked with high accuracy. It might be an instrument to record the route and speed of the ship. An entry located the source of the machine in the century that preceded the birth of Christ. This is further evidence of the fact remains imperfect as our knowledge concerning the antiquity. Until now, little or nothing was known of a civilization capable of producing mechanisms of this species. Even where this technique, really, back in time? Which had its origin and was developed, originally? As the symbols in the small bar of gold, seen in my dream, made me remember the famous disk of Festo, a disc of clay of 16 cm in diameter, displayed in the museum of Heracles, on the island of Crete in armored glass window. The symbols on the disc are not recorded a burin but stamped. The production of such stamps in anticipation of the invention of printing characters, from Gutenberg, the purpose is to edit the text, in series. This is a visual writing, not yet deciphered. So far not found another similar piece. Could have been a schedule for the crews of ships in use among the maritime nations, a sort of book of illustrations and reading for sailors, is that a reasonably plausible proposal for the solution to the puzzle. Other scholars saw that piece natural rhythmic articulation of the text of a poem in two stanzas of ten verses each, perhaps the magical-religious plot. Also, could be related to the Atlantis, as the symbol stamped what attracts attention is the head of a man, covered with a feathered hat, this is the "crown of rays." Jürgen Spanuth, the pastor of combatant Bordelum in North Frisia, located in Atlantis near Helgoland and posits the "great migration" of the peoples of the North, under macaréus catastrophic, at which have reached the borders of Egypt. Spanuth refers to frescoes of Medinet Habu, the temple of the palace of Ramses III (1200-1168 BC), in front of Luxor. Those frescoes show the pharaoh in battle with the warriors of maritime nations, bearing those same "wreaths of lightning", highly decorative. Also, the rowers, whose image appears on a knife, to the Bronze Age, found in Bremen, Federal Germany, bearing in your head the same ornament, which also appears in Scandinavian offices. Spanuth considers this fact as important evidence. So strange, the play found in Bremen shows an entire ship, mounted with the "ray", giving the impression of a fire Santelmo stylized.

It was in 1969 that J.V. Luce, professor in Dublin, raised the possibility of Atlantis has

been located in the Aegean. His book "ATLANTIS - Legend and Reality" was prefaced by Sir Mortimer Wheeler, one of the great names of Archeology, who wrote: "In 1909, a young scientist from Belfast outside the bright idea, saying that the country of the Atlantic, and wrapped into mysterious legends, it is reminiscent of a great kingdom, superb, from Minos, on the Island of Crete, whose splendor was then to be known for our modern world, thanks to the work of Sir Arthur Evans and other pioneers. " The young scientist, mentioned by Sir Mortimer was K. T. Frost, in time, their chances went almost unnoticed. Moreover, Sir Mortimer Wheeler believes teachers and Athenians Marinatos Galanopoulou key figures, to "give the current reporting timetable and contribute primarily to the restoration of its global aspect." Meanwhile, Spiridon Marinatos, inspector-general of Greek antiquities, has been famously successful in its work on the Isle of You - Santorim. Near Akrotiri in the south of the island, managed to dig minóica a city that, like Pompeii, was buried under masses of lava and other volcanic products of projection, responsible for its perfect condition. However, there were no bones, and coins, jewelry or any precious transportable, presumably, the residents received notice by the earthquake and had left the city when the disaster occurred. The plaster fell from walls and broken into a thousand pieces, was joined by archaeologists and the most beautiful frescoes, thus reconstituted, were taken to the National Museum in Athens. Thus, again a room decorated with lilies and couples of swallows, bearing images of other kids fighting in the box, African antelopes, monkeys, blue. In that environment, the prof. Marinatos granted me an interview for television. He spoke in German and spoke this quote: "You know that after the Holy Scriptures, the greatest number of books was published on the Atlantis. The Atlantis is the issue that electrify the masses and the general public and people cultured. Therefore, I would assume that the explosion and destruction of the small island of Santorim gave rise to the creation of legend, who speaks in the sunset of an island wide, rich and superb. The island of Crete was eliminated, along with Santorim, Crete and the Egyptians had in mind. Everything else, an island real, real, with all its political institutions and technical facilities, appeared in the fantasy of Plato, he was always an idea, indeed the very word "idea" and it is world of ideas is a Platonic concept. It was Plato who created the idea of an ideal state and also the idea of Atlantis. " Later, after taking the microphone from his hands, asked the prof. Marinatos would not be valid if the search for Atlantis in other places in the regions of Heligoland, or in the Azores archipelago. "Why not?" replied, "The islands of the people happy and there will be found there and, perhaps, be found the remains of civilizations disappeared. Near the Azores? Also there could be found to Atlantis, a part of paradise lost. Maybe one day, I even write a book about Atlantis. " Prof. Marinatos did not realize your dream, because in October 1974, the scientist died, the 73 years of age, his death was accidental and occurred shortly before the end of the season of excavations near Akrotiri, where was hit by the fall of the wall minóico a palace, whose excavation was under his direction.

On the day following the interview with Prof. Marinatos, was received by Prof. Galanopoulou Angelos, who directs the Center earthquakes, located in the top of a small hill at the foot of the Acropolis. He apologized for his English, which would not give for an interview before the TV cameras, but gently, put it at our disposal. During the interview, Prof. Galanopoulou proved to be much more decisive about the links, just outlined by Marinatos between the eruption of Santorim and the narrative of Plato, in which our interviewees saw the incentive, the ignition spark, the same material for a parable. Galanopoulou for the second hypothesis in 1960, the volcanic island of Tera-

Santorini is identical to the island empire of Atlantis, and for him, where there was, around 1500 BC to Atlantis disappeared. Galanopoulou discussed very frankly with the "weak points" of his theory, of which only two are listed below. He thinks it could deal with a misunderstanding, when Plato speaks of Atlantis one of the regions outside the Mediterranean. It is said that the "Pillars of Hercules" Gibraltar should not be, but the southern tip of the Peloponnese, the Cape of Matapan and Cape of Maléia. The Platonic passage in the narrative, saying that the disappearance of Atlantis would have been 9000 rather than 900 years before Solon, could have been interpreted in wrong way, including, over time, by the Solon. Maybe he read the wrong way of Egyptian symbols and misinterpreted what the Egyptian priest told him. Until today these problems persist arithmetic, because in Europe milharo are a billion (1,000,000,000) when, in the U.S., this represents a billion. Also, Jürgen Spanuth considers certainly fail to affirm the Egyptian priest, concerning the "citizens" who lived nine millennia ago, saying that "in ancient literature, the fantasy datings are frequent." However, this does not prove the fact of being accepted to foot the bill, only those portions of the Platonic narrative that fit perfectly in a particular theory, everything that does not fit into certain concepts have been explained as a misunderstanding or error. Because of this, I could not refrain from expressing some reservations about the Professor.

Galanopoulou when, after the interview, he fired me. Later learned that, meanwhile, the teacher herself has distanced the theory would have it raised, at the time, did not reveal anything that, because of the difficult otherwise I would have presented her with a book, exposing his theses, and I delivered with a personal dedication.

Galanopoulou's ideas were confirmed and supported by James W. Mavor, a renowned engineer and oceanographer, which came in the Aegean with the "Alvin," the American ship that managed to find and retrieve an H bomb, lost off the Spanish coast. However, neither Mavor that in 1969, described his two expeditions in the book "Journey to Atlantis" and so on was based on the assumptions of Galanopoulou and recent results of the excavations, directed by Marinatos, managed to present a proof concrete. Spanuth, in turn, criticized the very works of Luce and Mavor, accusing them of "gross typographical errors," many interpretations unacceptable, faulty data and erroneous statements, which completely invalidate the "sensation of the year," arguing that "Atlantis would be found in the Aegean." And, again, Jürgen Spanuth states the following regarding the location of Atlantis, "as described by Plato, the island empire would be" the mouth of big rivers "(Weser, Elbe, Eider) protected by" a cliff very high and steep, coming from the sea, which stone was red, white and black (Helgoland), where the Atlantide have found ore bronze, pure bronze and (probably) amber. The hill that, according to Plato, is located exactly 50 stages (= 9.2 km) behind the cliff, would not be the "submarine hill, called 'bottom of stone', where 30 years ago, were discovered the remains of a German sanctuary. There is, once the imperial city of Basel." E

Spanuth summarizes: "So the story of Atlantis is not an account of the golden era of civilization minóica, but the golden era of Nordic civilization of the Bronze Age, leading to around 1250 BC, with disasters, which caused migration of large parts of the Germanic peoples, forced to leave the lands of Northern Germany, Denmark and Scandinavia. The story of Atlantis is a Germania to the Bronze Age."

Moreover, if interpreted literal data Platonic, giving the location of Atlantis, then it should be sought in areas outside the Mediterranean, and Gibraltar ("outside the Pillars of Hercules"), ie in the Atlantic Ocean. However, Spanuth notes that the Atlantic Ocean (as called by Athanasius Kircher at the beginning of the seventeenth century, precisely because of there being a supposed state of Hawaii) should not be

confused with the okeanos the Atlantic Sea of authors of antiquity. For them, the okeanos was not the sea between Europe and Africa, on the one hand, and the two Americas, the other, but the sea within which sought Atlas, which held the sky on his shoulders, and the second Greek texts, this was always the North Sea (a country of amber).

Also Adolf Schulten, the famous German archaeologist, born in the city of Erlangen, who dedicated all his life to search for old Spain, sought the addition of Atlantis Columns of Hercules, but a relatively small distance from Gibraltar, near Seville, in mouth of the Guadalquivir River. Once in that area, at any point was located Tartessos that, years on end, was the object of his excavations, one of the richest cities of antiquity, which, according to archaeologist Schulten, is identical to the Atlantis of Plato. Atlas was the name of the oldest king of Atlantis, and in the local vernacular, the twin brother of Atlas was called Gadir, which is related to Cadiz. Many details mentioned by Plato on the Atlantis and referring to the port, the channel leading to the open sea, find explanation in the place of the delta formed by the mouth of the Guadalquivir River. Also the great fortune of Tartessos (= Atlantis), from the mountains of Andalusia silver and copper mines at Rio Tinto, with zinc alloy, with the bronze, it would fit in these theses. Unfortunately, Schulten, who early in this century carved the Iberian Numancia and the seven camps of Cippião (185-129 BC), failed to find Tartessos. Perhaps the ancient Tartessos of Seville is today and, one day, the works of earthworks for the cutting of a new skyscraper will bring to light the Atlântida desired by Schulten.

Of course, the source of all the theories and assumptions is the following question: is the story of Atlantis a historical report, with any scrollwork poetic, like the Homeric Iliad, based on which Heinrich Schliemann was in search of Troy? Or it would be free literary invention, a tale, a story, specifically disclosed by Plato and made circular in the four corners of the world? However, Plato explicitly emphasizes the authenticity of his narrative, but this could be just the trick to increase the impact of what is narrated.

Also, give thought to the fact that Aristotle, the famous pupil of Plato, Atlantis was deemed as a poetic fiction, because: "The man who has dreamed dreamed also fade the image." In little time later (about 300 BC) of Cantor Only commented Platonic narrative and said, word for word, is the historical truth. Apparently, the commentator noted personally Egyptian sources, he says, the reports are still there, the Pillars, to be read by those who wanted to read them. So if this were the case, inscriptions on monuments should be taken literal? For many times, stories passed through generations by oral tradition, even if inadvertently, have to be changed? And there are rare times that the messages, intended for posterior, transmit facts adulterated, embellished, manipulated by propaganda. It was in Egypt where the "History" has been obliterated, altered, invented, omitting losses up, sublime is weak pharaohs, returning not, it is striking images and names of predecessors, so that, for all time, be forgotten. Despite the way as you evaluate the credibility of the texts, to which Plato refers, all the speculation about the enigma of Atlantis concentrated focus on these two poles: the narrative of Plato would be a mere invention, or a report facts?

Only those who take a report of facts might expect, real and effectively to find Atlantis. Undoubtedly, these claims come in the ambitious dreams of Spanish and Portuguese navigators. In this sense must also be understood from the word lapidary J. O. Thomson, saying that in a sense, Plato can be considered as "the discoverer of America." Thus, a "History of the Indians, dating from some 60 years after the discovery of America by Christopher Columbus, set out the idea of the transatlantic

continents represent the Atlantis. Why would have appeared shortly after the proposal to call such a continent of Atlantis? At a later date, it is speculated about the identity of the Canary Islands or the Azores with the Atlantis and the possibility of this was that the bridge on which the civilizations were found on both sides of the Atlantic Ocean. Also, it would have been to Atlantis to launch these civilizations. Athanasius Kircher (1601-1680), the Jesuit scholar who studied the hieroglyphs and the magic lantern, to find Atlantis in the region of the island of São Miguel in the Azores archipelago. Some two centuries later (in 1882), the American Ignatius Donnelly over the skein of yarn that same point, believes that the Dolphins called Dorsal, lifting underwater in the Azores, Atlantis would be missing. In less than 100 years, the work of Donnelly, "ATLANTIS - THE WORLD ANTEDILUVIAL" - Atlantis, the antediluvian world - came to be at least 50 editions. The author had the special gift of advertising, he was a member of the U.S. Congress, twice candidate is, but uselessly, for the post of vice president of the USA. Its "discovery", claiming that in fact the works of Shakespeare were produced by Sir Francis Bacon, had global repercussions. This characterizes the person bold enough, the high intelligence and strength of imagination of Donnelly. However, although this might be right the basic idea and that he held positions in the back of the Atlantis Dolphin, however, until the days of this argument remains valid today. With what Donnelly has a flavor of romance, without substantial basis, and acquires various forums with the terminology of today's natural sciences, with the options offered by modern ocean research.

In 1954, Otto H. Muck published his first book on the Atlantis, two years later, was published the second work "ATLANTIS - DIE WELT DER VOR SINTFLUT" - Atlantis, the world before the flood. Muck to the back of the Dolphins fell to a depth of 3,000 m by virtue of a cosmic catastrophe, which also did the Atlantis of Plato disappear. Also, samples of soil from the ocean bed in the Azores were interpreted by the Swedish Oceanologica Petterson to, unequivocally, that entire area has been underwater since 20 million years at least. ("The theory of the Azores is dead, ultimately."). Not that Otto Muck capitulated. He brought to the forum of debates, never stopped, a whole series of new viewpoints, often surprising, which I do not anticipate me. In any case, it is a pleasure to follow your argument, just the points to be considered with reservation, for which were not, or rather, not yet conclusive evidence. The author was a fascinating man, and is also his fascinating book. Otto Heinrich Muck was born in Vienna in 1892 and, after the First World War studied at Polytechnic University in Munich. Graduated with Sommerfeld, who was also master of Heisenberg *. Sommerfeld, Heisenberg second was the man who, along with Niels Bohr, more influence in my life. " During the Second World War, worked in Muck Peenemünde, with the rocket team, was one of the inventors of "Schnorchel" for submarines. Over the years, some 2,000 Muck registered trademarks, of which about 40 went to the construction of ships for the transport of methane gas, the Greek shipowner Niarchos. Muck advised multinational industries, was a very high technical level and at the same time, dedicated to arts, be graphic artist of great talent. Died at 64 years, on November 7, 1956. The curriculum vitae of a man out of the ordinary, always in motion, notes the presence of cool ideas in his work on the Atlantis, which still presents a sequence of facts, susceptible of proof, which the imagination of the inventor and filmmaker gives sober the possible and probable, according to their category. The building at first edition quickly sold out and in season, has not had the deserved effect has now been reissued, including in this edition, new and functional, the report of new experiences and results of latest research.

Nowadays, cooperation between the various disciplines of natural sciences, often allows to solve archaeological problems and the easiest way conclusive that in times past, when there was cooperation between professional and amateur archaeologists. Thus, the test with carbon 14 to determine the age of biological material, with relative success, in 1960, the American scientist Libby won the Nobel Prize for developing this method. Thus, remains of charcoal from the cave of Lascaux, famous for its cave paintings of the Ice Age, 16,000 years ago revealed that, there was a large fire. Without doubt, the carbon 14 dating was formed in "authority" modern, but proved to be failure more than once. Furthermore, the indices of a geological and mineralogical accuse inaccuracies and more. How many times it became necessary to correct dating prehistoric! I remember a visit to the museum in Malta, where I wanted to take note of the dates displayed in showcases, the director of the museum said, lamenting: "This is now almost overcome. We no more can stay up to date." Therefore, it should use a certain amount of skepticism you look close a thread on an archaeological dating to the terse comment, saying that "it was decided a long time ago, so final, irrevocable." This was the great physician Rudolf Virchow who, with all the weight of his knowledge and his experience, flatly denied the authenticity of the Altamira cave paintings, dating from the Ice Age, which had just then being discovered. Similarly, it was quite a negative attitude of Virchow, when Fuhlrott, modest master-of-school, who discovered and correctly interpreted the skull of the Neandertal man, sent to the eminent professor, to ask her opinion about it. In both cases, the authority was wrong and official denial perfectly valid at the time, today presents itself as unfair prejudice, short-sighted. Thus, the arguments of the past are overcome by always new discoveries and speculations that, over time, enrich our knowledge. But even today, much still remains open, the daily meeting of proof and check in tough fight for the authenticity and validity of assumptions. Therefore, it might be possible that the recorded narrative, transmitted by the Egyptians and disclosed by Plato, covering more than reminiscent of the one event of a disaster? Where is evident in the metamorphosis of a tradition, with characters and events changing places. It would be perfectly acceptable that the story of Atlantis is not only and exclusively the traditions hitherto known. Marinatos believed in a "traditional legend of the Aegean"; Spanuth view the report of a Atlântida Germania Age of Bronze. Could well be that both were with the right and at the same time, they were wrong, if, one day, the Atlantis be found both here and there. Possibly, the memory of that "end of world" must be assessed under the background of a tradition much older, about ten times older, a real event in cosmic dimensions of decisive influence in the cultural evolution of mankind.

If we consider as valid the dating presented by Plato, according to the files shown to Solon by Egyptian priests, that universal cataclysm, of which the man just kept vague memory, in fact had happened nine millennia and not nine centuries before the time of Solon; then the Atlantis, in fact, had then disappeared, swallowed by the waves of the Atlantic Ocean. In this respect, the "continent" of Atlantis, located in the work of Muck in the Azores, acquire new angles. Certainly, it is not coincidence when this new image of Atlantis appeared at the same time - some 40 years ago - in which the man managed to disintegrate the atom and thereby discover new and dangerous fire - a decade ago - the foot of the Moon soil . In assessing the history of mankind in this view, understand better what Antoine de Saint-Exupéry wrote in 1934: "It is not difficult to understand and know well how and why the man, where pilgrims, the lack deals with such gardens that have been prepared by nature because they live only for a short time for a geological period, for a happy day. " The human civilization, said

Exupéry "is a veneer of gold, and thin, about to explode with a volcanic eruption, to be washed by the waters of a sea in training, to be buried under a storm of sand."
Ernst von Khuon

INTRODUCTION

It is not always easy to distinguish between poetry and reality, in the case of complex issues about when and where started the history of mankind, the influence that has, or what remains still remembers his early days and key.

Probably, man can never say what is life, from which. The evolution of Homo sapiens from the animal world, and this was confirmed also proves the conditioning of humans on Earth, from whose fate ultimately share.

Some portions of the paths towards humanity can be explained by the man, the Earth, the geology, especially in times of transition and cataclysms. Moreover, are almost exclusively those times to leave to posterity the remains of what once existed. Often, such evidence led to a recasting of the timetable for humanity and gave new meaning to old traditions and myths.

In the mid-50s, it was proved by all scientific disciplines, from archeology to ethnology, which is 10,500 years ago, there was a sudden shift of the magnetic poles of Earth. Also the North Pole, geographic, until about 8500 BC in the southern regions of Greenland, suddenly, moved into 3,500 kilometers and came to be in its current location. The figure of the page. 18 illustrates, schematically, the abrupt departure that, at the time, earned by a universal cataclysm.

With the simultaneous displacement of the axle land, created a new geological situation that, today, marks the beginning of the contemporary period. It is not here explain this phenomenon, called the removal of poles, is a migration of the poles, or the delgadíssima earth crust has shifted, with a sudden push. On the basis of tests with carbon 14, this date has been confirmed in numerous studies to date. Since the early 60s, U.S., Ireland, England and Northern Germany, the method of Geiger counter provided sensational dating, highlighting the period around 8500 BC as the date on Geology magna later.

The report by Richard MacNeish, president of the American Society of Archeology, published in 1971 in the journal "Scientific American", is the most important publications on the subject. According to that report, the existence of human life in Ayacucho, Peru, can be proved from 25,000 years ago. Moreover, the research revealed that since 60,000 years in those regions Peruvian, the cycles of rise and decline of temperature was so clearly contrary to that of as occurring in North America. While North America has cold, the Peruvian highlands - modern - lived periods of heat, but the U.S. in those areas where the soil was tundra, were recorded periods of heat. These conditions prevailed up to about 8500 BC

Since then, advances of glaciation in the South American continent and the formation of glaciers in the Andes, which began at the time, do not correspond to more similar phenomena recorded during, say, from Wisconsin, North America, which also ended in 8500 BC approximately.

[00]

It seems that South America experienced its own geological fate, however, clarify the question remains whether this destination is explained only in the removal of poles.

Thus, other factors also contributed, such as those responsible for lifting the port city of Tiahuanaco, now situated at 3,000 m above sea level.

In these last 15 years, could prove that, among other things, there are eleven millennia ago, the current Arctic Sea was completely free of ice. The same applies to the northern areas, the central and eastern Siberia. Then, suddenly, came to the ice within 24 hours, huge forest cover.

In turn, the directions of ocean currents is of decisive importance, therefore, always strongly influenced areas of glaciation. Since some years, the Paleogeofísica can say that at the end of the Ice Age, the Gulf Stream took different paths of those who currently take, and going further south, at the center of Portugal, at most.

Therefore, the Gulf would have circulated in the Atlantic Ocean?

Also for Paleolingüística, the "flaw in the timber of the Earth" has left its traces, as "human experience" as masterful and moving presentation of R. Fester in his work "Sprache - EIN PROTOKOLL DER VORZEIT?" - Language - a protocol of Prehistory?

A sudden and violent, as seen in the quality of archaeological findings, testified that the man is 10,500 years ago was forced to start over from point zero and recover almost all things in your life. Except what is broadcast by the legends, myths of all peoples, representing the major cosmogony of the world, know about the disasters was lost as the tradition of generations later became unintelligible. For example, it is known that the ancient chronicles, less than 10% were retained until the present time. Indeed, the excavations and traditions show that the astronomical and scientific knowledge of the Babylonians, Egyptians, of the Latin American peoples and their legacy was by earlier civilizations, the trail is lost in the shadows of time.

For now, the science can only register the puzzles unsolved, which should continue as legends, to advance progress reaching process them. Despite the constant and major efforts to clarify it, to this day, still in the process of legend all that happened in times past to the advent of the Hittite kingdom, until the time of cave paintings in the Sahara and in Southeast Europe. Strictly speaking, works of art, the walls of the caves, still waiting for interpretation. However, the oldest epic of humanity, the Epic of Gilgamés, speaks of an intermediate period, covering no less than four millennia.

Between the time of cave paintings of Cro-Magnon and modern man's is a division, a mystery to be unveiled by the Archeology and Ethnology. But what happened in remotísimos times and still without explanation, becomes pawn in the hands of hidden forces, gods or ancestors, to that end, is worth up to requirements or guaranteed by the Archaeological Geology, by way of evidence. Laws of nature are abolished and, in a state of trance, the "psychic" Cayce viewing the Atlantis, which in 1968/69 was "discovered" at sea, off the coast of Andros and Bimini. Surely this discovery relates to pre-historic buildings, now located in more than 100 m below sea level. Sometimes, however, that in the last ten millennia, the waters of the melting of vast glaciation in North America, Northern and Central Europe did rise in sea level from 100 to 200 m. By way of speculation, it is perfectly legal in those pest seek the cradle of humanity, with the fascinating name of Atlantis, that since those early days, he went from mere vestige of the greatest disaster of historical times, since antiquity has left us descriptions of countries missing that in his time were centers of advanced civilizations. Also, the rays reach the unacceptable, to the point of return for the existing laws of nature on Earth, the descriptions of the "Triangle of Death", near the Bermuda, Puerto Rico and Florida, supposedly "driven by powerful forces, emanating from an advanced civilization of the submerged continent of Atlantis, which are still active "and speaking

of" energy sources, active until today, created by a civilization much older and different from us. " (Charles Berlitz: "The triangle of Bermuda", 1975, London, Vienna).

Indeed, for decades disappear in that area, aircraft and ships, without a trace, in past centuries, it disappeared from the Spanish boats, carrying silver and minerals. The sea of lost ships "as is called in Spain, it has its peculiarities, but offers no" door or window to another dimension in space and time, through which may pass without effort, extraterrestrial beings, possession of proper scientific training. "

This singularity is even measurable, since in the Earth's magnetic field, this area is the most unstable, limits in which the magnetic needle temporarily stop responding. This peculiarity may be related to Atlantis, but in a different way than suggested by all the speculation made so far. On land, the causes of the oscillations of magnetic needle always been linked to the occurrence of deposits of iron or nickel, at any time in any such deposits must have occurred in the triangle of Ber-seedlings. In that area, the profile of the deep ocean reveals two features, namely: some underwater cliffs of more than 7,000 m of oval and several kilometers in diameter.

Supposed that they had suffered local impacts caused by the collapse of planetoid fragmented, say the group Adonis, which opened craters, meanwhile submerged under its weight and its velocity of fall, these fragments of the asteroid would have entered the ocean bed, entering it deeply, but without reaching the magma fluid.

The Earth is akin to a generator. A magnetic field is generated not only by a magnet, in the form of bar, also a coil, which passes an electric current, can generate an external magnetic field, similar. When you place a coil around an iron core, the magnetic effect is considerably enhanced. To be connected to current, the iron becomes, instantly, into a powerful magnet. Breaking up the flow of current, the magnetic field drops itself in that same instant and iron core ceases to acknowledge any measurable residual magnetism. The cranes of scrap working under this principle. Today, in the current phase of scientific progress, it is assumed that the effect for the Earth, above, is maintained and comes from depths of about 2900 km, is caused by the dynamo effect, ie by rotating moments different between the core and inner core foreign land, more cumbersome. Therefore, a magnetic field is not generated, but varies the effect of self-excitation, with the core land, trapped under pressure, serving as a core of iron sweet, surrounding the Earth. In equatorial areas, the north-south magnetism is relatively weak, in contrast, the turbulence within the Earth is much stronger (second P. Kaiser). Thus, the earth crust is similar to a turbine wheel, which transmits its energy to various liquids which, in turn, provide impetus to the core rotating earth, by its internal friction. Obstacles arise in this process, causing setbacks electrical systems in the area between the fluid outer core and internal, as are several gyroscopic systems to handle, surrounding each other. However, external nucleus of the Earth, these forces make to be coordinated in large part by terrestrial rotation.

Also, do not yet know the degree of conductivity in the depths, the velocity of movement of the currents of convection and penetrate far inland in the mantle, or the length of cycles of electric flows. In any case, are being influenced by the gyroscopic system of the Earth, which can either generate another additional polar routes and directions of electric conduction, as effects side, especially near the equator.

For the geophysical processes above-exposed, the sun is the best object of research. It was only in the early 70s at the latest, that the problems of electric and magnetic fields inside the globe deserve the attention of geophysical research, and since then have met considerable notions. When electric current spurious reach earth crust, it is understood what happens when a powerful current that reaches the nuclei of iron and nickel,

above, or even come to link them together. In fractions of seconds, a local magnetic field of tremendous intensity, is generated above the deposits of iron and nickel, at depths from 15,000 to 20,000 m, the largest of the Earth, magnetic field that attracts each and every object containing iron or nickel which, inapelavelmente, going to the bed of the ocean, the more than 7,000 m deep. Even developing aircraft speed are powerless to save itself from the energy field, certainly changing, with power to influence it in daylight, it polarized. This polarization requires a medium, such as a quartz glass, or keelson, covered with glass, the aircraft of older models. At that moment, the light vibrates in one direction, overshadowed the sun and the sea, just a diffuse light. This is explaining the latest messages sent to board aircraft disappeared, shortly before being overthrown by the powerful magnetic forces of attraction, which are falling into the sea. These energies represent only fractions of land and energy are absolutely real and true; crumble with the speed of a thunderbolt.

Moreover, the fall of the nuclei of iron and nickel, igneous, must have caused the formation of huge gaps in depths of about 20 to 25 km. In a burst of "bubble" in the sea, then come tremendous swirls, producing its adverse effects on navigation. The swirls that bring everything and take to the depths and the known phenomenon of "water pants," just have a question, especially when you do not exclude the possibility of formation of gas within the vacuum, caused by high temperatures recorded at the time of collapse and that are under great pressure.

In such incidents do not force any works of Atlantis, but act solely and exclusively the physical laws of nature, in proportions exceeding any and all imagination. The studies made in recent years in the computing centers in Vienna (Austria) and Iena (East Germany), treated fields of energy, created by possible displacement of the earth crust, which far exceeds the capability of those who, perhaps, may arise in the Triangle of Death. Moreover, there in the area of the Earth, is the key to the explanation of the tremendous cataclysm, suffered by the man, the deluge that destroyed Atlantis and a nearly all its living creatures.

In recent years, the Atlantis has always to be discovered, especially by North American researchers have found that, now as the city of Tartessos in the delta formed by the mouth of the Guadalquivir River, now in Santorim, respectively, will, in waters Greece. In the latter case was discovered the center of civilization minóica, disappeared in 1500 BC during a volcanic eruption that led to the bottom of the Mediterranean. However, the authors of the various theories, finding the Atlantis, always had to recognize the falsity of his ideas that never came to invalidate, or in its principles, nor in its content, the tradition, more than twice as ancient.

Plato tells the Atlantis

Plate I. Plato, Aristocles (427-347 BC)

All that we know of Atlantis is contained in the two famous dialogues of Plato, called by the Pythagorean Timeu and Criteria, the young, maternal brother of Plato, they are the direct continuation of the Platonic works in ten volumes, entitled "Policy".

Plato (427-347 BC), of noble Athenian family, in his youth wrote tragedies; Socrates made it the philosophy for 8 years and was its master. After the death of Socrates, Plato went to Megara, where he sought Euclid, then to Cyrene and Egypt, then to southern Italy and Sicily, where he received the teachings of Pythagoras. After a period

of adventure, and prisoner lived as slaves, Plato returned to Athens, after 387 BC, founded the Academy there, after a few more trips in Sicily, he devoted himself entirely to the teaching of philosophy.

Timeu, a native of Locri in southern Italy, Pythagoras, researcher and scholar of the nature of the stars, the second part (not mentioned here) of the dialogue that bears his name, he describes the fundamental thesis of the Pythagorean cosmogony. In his capacity as follower of Socrates, Timeu is a historical character and not invented, adhoc, by Plato.

Criteria, the young, great-grandson of Drópides, grandson of criteria, the old, - who knew the Egyptian report, sent by Solon - mother and brother of Plato, a renowned statesman, conservative, guiding spirit of the "thirty tyrants", also known as poet, orator and philosopher, follower of Socrates. He died at the battle of Muníquiacom over 90 years of age (403 BC).

To meet the requirements of an ideal state as expressed in works by Socrates, teacher of Plato, Atlantis provides a narrative of the classic, historic, and consists of a state, once it really exists, and set in his time and in its place. The talks took place about at a party held in Piraeus, in honor of Bend, goddess Thrace, and were fought between Socrates, Criteria, the Young, Timeu, and fourth Hermócrates anonymous partner, presumably the very Plato.

During these talks, critical told "a very strange story, but true", as qualified by the wise Solon, which, once, had brought to Egypt to Greece. It was the story of an ancient and glorious country, located in the Hellenic peninsula, which the Greeks at the time of Plato know all tradition. Also, an elderly priest of Sais, a large city in the delta of the Nile, I learned from wonderful things about it. First, the priest noted that all are young Hellene of mind, because lack of knowledge based on venerable traditions, as well as any message given by time. "The cause of this is as follows: many people were destroyed and those aniquilações occurred in several ways, are still occurring, the biggest disasters are caused by fire and water, children, other causes mil. As also to your people, once, phaeton, son of Hélio⁸, having towed the car of the father, unknowingly guide you, did that burn everything on Earth, when he fell, fulminated by lightning. This is counted as if it were a fable, but the real crux of the story is the orbital aberration of the stars in the sky, orbiting the Earth and the destruction by fire of all that lives on Earth, which is repeated at long intervals of time. Well that, with such disasters, people living in tops of the mountains and highland regions, drought, suffered more than the living by the sea.

Socrates (470-399 BC) Greek philosopher, aware of his vocation education, taught to their fellow citizens in the streets and squares of Athens. Left no writings. What we know him and his teachings has been transmitted to us by Plato and his disciples Xenofonte. The essence of his theories, that the correct attitude is not based on objective institutions such as customs, the state, the religion, but rational thinking, put it in conflict with existing state institutions. He was accused of atheism and condemned to drink hemlock.

Bender, traces of the Moon Goddess, identified with Diana, the main party, the bendídias was celebrated annually, according to the rite dionisíaco in Piraeus before the panatenéias in the month of targélia. Lm high view of religious significance such virgin goddess, equivalent to Artemis-Diana, the story of Atlantis, offered in tribute to the deity, acquires greater weight and authenticity.

Hermócrates, son of Hermon of Syracuse, celebrated as military chief and, according Xenofonte, disciple of Socrates, also historical character.

Solon (639-559 BC), of noble strain Attica, began life as a commercial browser, won Salamis for the Athenians, in combat against mégaros, then gave a new constitution to Athens, which partly offset the difference between eupátrida the nobility and people, in 571 out of Athens, traveled to Egypt and visited the colleges 1á priests in Heliopolis and Sais; went to Cyprus and recommended to the king Filocipros the transfer of your city, Aipéia for a more favorable location, the King followed the advice of Solon and called the place of soil, in honor of adviser. In 563, Solon went to Sardis, visited Crois and in 561, returned to Athens, where in 560, Pisistrato was absolute sovereign. In the last years of his life, Solon, surrounded by respect and esteem generates, withdrew from the public life. From his numerous poems, famous at the time, only fragments are preserved. Lost is the story of Plutarch, confirming the notes for a narrative of Solon of Atlantis, however, remained unfinished.

Phaeton, son of Helio, not souve drive the car of the sun and caused a terrible fire on earth, reached by the lightning of Zeus, fell in Eridan, the tears, cried for his sister, turned into amber. Possibly, this is reminiscent of, saved by the people of Western Europe, the fall of the celestial body that caused the catastrophe of Atlantis.

For us the Nile is the Savior in all things, it also saves us from this disaster, the overflow of his bed. Also, when the gods, to cleanse the Earth, sending a flood, the people of the mountains, the herds of cattle and sheep, are saved, while the inhabitants of cities are carried by rivers to the sea. In our country does not happen or this or that, the water falls from above on the land, us, nature has made things so that everything emerges from the bottom up. For this and for these reasons, has kept us all that is considered the oldest, but it is true that everywhere, in which the excess heat or cold does not stop, there is a human generation, sometimes less, sometimes larger. But what of beauty, great or remarkable happened with you, us or elsewhere, was recorded here in the temples, and so it was retained. In your land and the other, it was again recently, with deeds and all other things necessary for your state. And after the usual number of years, the flood back to punish you, like a disease and saves only the uninformed and ignorant among you, for your people to rejuvenate and become strong, as was at first, because anything you know here, or what, in ancient times, it happened in your land. At least what thou, O Solon, just to talk about the sequence of your generation, it is little different from a childhood story, first because you only remember a deluge on the earth, but many flood occurred, and then you do not know that the best and most beautiful human generation lived in your land, from which you descend and all your modern state, thanks to a small tribe that survived the cataclysm. All that I was hidden, because many generations of sobrevevintes passed through this world, leave with nothing written.

Well, once was so, O Solon, before the city-state, now inhabited by the Athenians, having suffered the worst destruction by water, it has the best institutions, both in regard to military defense, as to all its legislation. Moreover, she made the award of the noblest and the most perfect, existing on Earth and what we know. "

"So, you you had the best laws, and further, administration of a high level, while you are distinguished among all men for your skills and high skills, according to the children or disciples of the gods. So many are worthy of admiration the achievement of your city-state, here recorded. However, one of those made it out the other, by their greatness and excellence. Because the scriptures describe as, once, your city-state won

magna that forces from outside Atlantic Ocean, entered in your land, and in its arrogance, is proposed to war against all of Europe and Asia. At that time, the sea was still navigable. Before the mouth that you used to call the "Pillars of Hercules", was a island, whose extent was greater than Libya and Asia together, and, from there, it was then possible to cross to the other islands and those islands, for the whole continent, in front and around that sea, the which, adjust title takes its name. All that is within the mouth of which we are speaking, it seems to be only with a bay with a narrow channel of entry, but that sea, in fact, deserves to be called the sea and the land surrounding the of continent. That island, Atlanta, was installed a large and wonderful real power, sovereign throughout the island as well as other islands and mainland that, moreover, ruled there were vast areas of land, located inside, namely from Libya to Egypt and Europe to Tirrenia.

Once, the great power tried to conquer in one huge military campaign, both your and our land and your city-state was shown to be sovereign, before the eyes of all peoples, showing their bravery and energy. Well, surpassing everyone with his courage and military efficiency, the first, leading all the Helena and then abandoned by others, alone and supreme in danger, your city-state has managed to beat the enemy and erect monuments of victory, while still managed to ensure that those who were defeated have not been. Released without any rancor, all of the many people, inhabiting the land within the limits of Hercules. However, later, when survivor tremendous earthquakes and terrible floods in the course of one day and one night ill, died in that land all your generation value, and the island of Atlantis disappeared, plunged to the bottom. Therefore, the sea is no longer navigable in those areas and not allow the passage of more ships, unable to move, by masses of mud, of great height, arising from the sinking of the island. "

During the talks held over several days, outlined a critical and lively image of the island of Atlantis, its luxuriant vegetation, without par, its people and its cities superb, especially its capital with the actual castle, on the basis of if at all details in reports received from the Egyptians and transmitted by Solon the criteria, the Old, as follows: "From coast to the center of the island is an extended plain, from which they would have been the most beautiful and best of all. By this plain, but toward the center at a distance of about 50 stages (= about of 9 km), had a mountain of strands flat on all sides. That was a mountain man, originally sprouted from soil, to name Euenor in company of his wife, Leucipa, they had one daughter, the name Clito. When the girl entered the marriageable age, their parents died. Poseidon fall in love her and she joined. He broke in all its around the mountain, on whose top the girl lived, then to have it securely fenced, to so, put your back in small bands and increasing, sea and land, two of land and three of sea water, with the same distance from one to another at all points, thus, the mountain in the center of the island has become inaccessible to people outside, because, at that time still had not ships or navigation. In turn, Poseidon installed on the island, situated in the center, with all the ease that it in its capacity of God, doing well the ground water of two springs, one cold, one hot and forth soil enough food and variety. The children he led for five times, twins, who created and then to divide the whole island of Atlantis into ten parts, gave the firstborn of the oldest pair of twins to address maternal and the surrounding land, the best and most extensive, and the king appointed the other, which set as arcontes, because each conferred sovereignty on many people and land.

Also gave names to all, the oldest and King gave it the name of the whole island and the sea, which is called the Atlantic, as the name of the firstborn, then king, was Atlas.

The second born, twin brother after he gave the name of Gadeiro, in the vernacular, and Eumelo in Hellenic language, set it as sovereign lands located in the extreme tip of the island, towards the Pillars of Hercules, to the Current Gadeiro of land, called the region second, probably derived its name from King. The second pair of twins, one called Anferes and one of Euaimon; the third gave the name of Mneseas, who was born first and Autochthonous that was then, with the fourth, gave the name of Elasipo who came first and Mestor, it was then, finally, with the fifth, gave the name of Azaes the first born and Diapapes, it was then. These and their descendants, lived there for many generations, as sovereign of the sea and many islands, as has been spoken of vast territories and large people, from within, covering his kingdom is the land that extends to the Egypt and Tirrenia.

Atlas was the ancestral strain of a large and noble, and as always the eldest son sent to the kingdom of their older children, it retained its power over many generations. He also held enormous wealth in abundance, superior to those in any other kingdom past, contemporary or future because of what they had there would be needed in both cities, as in the rest of the country. A lot of them came out as a tribute, however, in most cases, the island itself has pledged its support to them. There were all of the metals to be extracted from the earth, cough or fusible solid, including those types that are known today only by name, but then were not just a name, such as iron ore, found in deposits obtained from various points of the island and that for many people, then the more appreciated after the gold. There was abundance of everything that the forest produces for the craft activity, and for feeding domestic animals and wildlife, there also existed a species of elephants, "proliferating in large numbers. So in addition to extensive pasture for all animals that live in swamps in the ponds, the lakes, both in the mountains, as in the plains, there was also support for that kind which, by its nature, is the largest in size and consumes larger amount of food. Also, the island and has remained perfectly , all that the earth produces aromatic, were roots, herbs, trees, resins, flowers or fruits. produced, also the fresh fruit and nut, which serves the food, and all others for our plates of food, which generally call for vegetables and fruit that grows like a tree and provides drinks, food and oil for anointing. Still gave the fruit of orchard, difficult maintenance, created for our entertainment and our recreation, plus all the fruit to be served dessert, to whet the appetites of people saciados already tired to eat. This was in huge quantities that island that, over time, has spread divine, beautiful and admirable under the lights of Helium. While the earth to provide all its inhabitants, built these temples and royal palaces and ports and shipyards and built throughout the country, do the following:

They began by placing circles of bridges on the water, involving the primitive heart, in order to establish a path of access to the royal palace. However, at the outset, the royal palace built in the place of abode of the goddess Clito and their ancestors, from the descending downward, with each trying to overcome is his predecessor in the embellishment of the palace, to make it remarkable, by the grandeur and beauty of their works. Opened a channel from the sea, 3 pletros (= about 90m) wide, 100 feet (= about 30m) deep and 30 stages (= approximately 9km) long, this channel is extended to the landfill and later opened an entrance to the passage of vessels, thus, enabling the navigation and the boats have come in place, like an estuary. And, similarly, the landfill also drilled from the circles of water, toward the bridge, enough to move a vessel from one to another, these passages were covered for vessels passing underneath, then, for both the landfill had time enough. However, the largest of the circles of water, which penetrates the ocean waves, had a width of 3 stages (= 540m) and the site was adjacent

to that width, the next two circles of water had a width of 2 stages (= 360 m) and surrounding landfill was that wide. The ring of water surrounding the island was located in the center of the width of a stage (= 180 m), while the island with the royal palace had a diameter of 5 stages (= about 900 m). Like the rings of water and the bridge, a wall of stone around the central island, a pletro (= about 30 m) wide, in all its circumference, the wall was trimmed from the towers and bridges had gates, by the sea. Moreover, they dig under the rock of the island, situated in the middle of the circle of water and under the internal and external areas of the landfill. The stones were dug, sometimes red, sometimes black, and within yards of excavation installed double, protected by the rock. Erected buildings of a single color, and color, playing with the different types of stones, mixing them and emphasizing their natural beauty. The wall around the circle of extreme water was coated with iron, to that end, become liquid, equal to the anointing oil and the internal wall was washed zinc and the walls around the palace have a coating, made of crude ore and shining like fire.

As part of the acropolis, the royal palace had the following distribution: the center was the temple, dedicated to Poseidon and Clito, whose interior the people had no access. This temple was surrounded by crates of gold and erected on site where the original generation of ten children was conceived and given real light. Each year, there were brought to the sacrifices due to the two ancient rituals from all ten regions of the country. Even the temple of Poseidon was a stage (= 180 m) long, 3 pletros (= 30 m) in width and height proportional to those dimensions, the effigy of the god was something barbaric appearance. In all its outside, the temple was coated with zinc, except in the towers, which was coated with gold. Inside the temple, the lining of ivory, was decorated in gold, silver and crude ore, all the more, the walls, columns, the floors were covered with raw ore. There also raised this with gold, representing the deity, in a car, driving six winged horses and playing with your head on the ceiling. Hundreds of nereidas, mounted on dolphins, around the deity, because at that time people believed it existed in such numbers. In addition, there are many others that, donated by citizens. On the outside of the temple, golden images showed any progeny real, women and all those born of the original dozen kings, as well as citizens, residents of the city itself and others, outside, his subjects and vassals. Nor was the altar in their size and grandeur to the execution of works in its collection. The royal palace had furniture and ornaments, consistent with the magnificence of the kingdom and the splendor of the temple.

The sources, a cold water and another of hot water - which gave so much water in abundance, as, by its nature and due to its convenience and excellence, and is optimally provided for use - were used as follows: across the built around their houses, made of cotton crops, and irrigated and installed water tanks, some of these tanks were under the open sky, in other covered area, used for hot baths during the winter. Baths had reserved the royal family, citizens, women and even drinking fountains for horses and other beasts of burden, with each group with their respective premises. The filtered water was captured and taken to the woods of Poseidon, where, thanks to the excellence of the soil, there were several species of trees, of great beauty and height, were taken from there by channels, by the extreme circles of water, near the bridges. That place had so many shrines, dedicated to various deities, as gardens and gymnasiums for sports, both reserved for men as for horses, all those works and facilities are on the two landfills, forming an island. In the center of the largest landfill, there were, among others, a formidable track racing, the width of a stage (= 180 m), following the circular wall throughout its length. On both sides of the track were the

homes of the lance, as their number. The men were charged with greater confidence the custody of the inner circle, closest to the palace, others, whose loyalty proved exceeded that of all others, remained inside the palace itself, where he lived. The yards were full of vessels, largely trimmed of all necessary equipment. The residence of the king was installed like this: after passing the three circles of water, outside, came to a wall, that the sea stood at a distance of 50 stades (= about 9 km) of the circle of extreme water external walls that move in a circle and in this same area, involving the mouth of the channel in the sea. This whole area was densely populated, full of homes, while the square of embarkation and disembarkation, and the large port could barely contain the number of vessels and merchants from all parties that, with their cries, his racket and his constant shuttle, causing intense movement, day and night. Thus, the city hall and the old residence was thus once were as described and are now remembered. Now, trying to meet the reporting of physical conditions, natural that country and its internal distribution. First, all that area was described as climbing, steep, reaching the sea and high altitude. All the plain around the city, it involved, would have been surrounded by mountains, which extend to the sea, this flat, oval in shape, covering an area that, in either direction, was 3000 stadia (= about of 540 km) and in transverse direction, rising from the sea, media 2000 stadiums (= approximately 360 km) was opened to the south, but north, was protected against the winds. At the time, the mountains surrounding the plain were much praised, because in quantity, proportion and beauty beyond the currently known and for shelter, and many densely populated places, rivers, lakes and meadows, pastures offering the wild and domestic animals, and as long and thick forests, with the most varied species of trees, providing raw material for works of all kinds in general and in particular. Was the following to build this plane as it was kept for a long time in the reign of many kings. The original scheme was a quadrilateral elongated, largely cut off by fences and what remained was completed, following the path of the surrounding ditch. As for its depth, width and length, although the data seemed unbelievable, there must have been, among other works, a work of huge dimensions, by the hand of man. Well, but tell that meets heard about it. The ditch would have pletro (= about 30 m) deep, a stage (= about 180 m) wide, in all its extent, and involved the entire plain, its length would be 10,000 stadia (= about 1800 km). That ditch was raised that the rivers down the slopes of the mountains surrounding it and the whole plain and reached the city on both sides, which was sold on the water sea. This giant ditch, straight channels, typically 30 m, approximately wide, left to its top, entering the plains and back to the words that led to the sea, the distance between these channels was 100 stadia (= 18 km) . Thus, transporting the wood from the mountains to the city, as well as all other products of the station, which carried on vehicles after they have completed the system of cross links between channels and the city. And were two harvests per year, in winter, used the water of Zeus, in summer the water which the land was needed and that the channels. The quota of men ready for war and who lived on the plains, was determined in that each clergy had a master, each clergy was ten times ten stades (10 stades = 1.8 km) and all the clergy together, amounted sixty thousand; the inhabitants of the mountains and the rest of the country were regarded as representing a huge mass popular, but according to their villages and sites, those clergy, they were subordinate to their masters. Also, it was determined that in the event of war, the captain had to give the sixth part of a chariot of war, ie the whole ten thousand, two horses with riders, a car pulled by two horses, with no seat, taking a warrior, who descended to put into fighting and one man to mount the horse, three heavily armed men, two archers

and pitchers, three more pitchers of stones and spears, carrying small arms for each of the first mentioned and four boatmen for the crew of 1,200 ships of war. This was the military organization of the kingdom, while the other nine kingdoms, with each different from the other, would take far too long and describe them here.

From the beginning, the civil administration and honorary positions were held as follows: each of the ten kings ruled the kingdom of which it had, he established most of the laws, punished and killed according to his will. However, sovereignty and community among the ten kings were subject to the will of Poseidon as the law stipulates and the inscription, written by primitive ancestors on a column of raw ore, which is built on the island, in the sanctuary of Poseidon. Beyond went to every fifth, alternately, every sixth year, to be provided equal opportunity for participation to the odd and even number. At these meetings deliberated about community issues examined and if someone transgresses the law, for, if so, punish him. When they were held for trial, it gave the kings, each other, guarantee the following prior: as in the sanctuary of Poseidon bulls grazing freely in number ten, the kings, after invocation of divinity, rogando to get his bull, began the hunt, so, using only sticks and strings, refraining from using the iron. The bull that pegavam, was taken to the column and there sacrificed on the entry. In addition to the column were entered laws, there was still recorded an oath, in answer to the harsh curses kings disobedient. After having offered sacrifice on all members of the bull, as the ritual prescribed by its laws, filled a pot and put on a drop of clotted blood for each king this while, to clean the column across its back, playing fire in the other remains of the animal sacrificed. Then pegavam chalices of gold, who filled the pot with the liquid to the fire with him regarem while passing juravam trial, under the laws listed in the column and to punish those who had infringed any of the commandments, for the period of time in present and the future never to transgress them freely, and not to govern, not subject to another sovereign, is not observed the laws of the father. After the ceremony, during which each king taking the oath for himself and his children, drank the mixture of pot and had the chalice in the sanctuary of Poseidon, they had a meal and take care of other things needed. When the night descended, involving all in its mantle of darkness and the fires of the sacrifices were to die out, the kings present wore costumes of blue, navy, black, of extreme and rare beauty. At night, sitting on the floor, surrounded by the glow of the fires of sacrifice, to which had finished taking the oath, waiting for the extinction of all fires in the sanctuary, then the kings saw themselves, each other when someone was accused of have infringed the law. By dawn the day, formed the ruling on a tombstone of gold, which, along with their costumes, it was saved in memory of the trial. Besides these, there were many other laws, governs the duties real, whose main objectives were for the kings never fought amongst themselves, but are providing assistance, when in any of the kingdoms, someone tried to destroy real strain, and example of their ancestors, always taking together all the resolutions relating to wars and other companies, getting in all moments, the absolute supremacy reserved for noble strain Atlantis. Also, no king would have the power of life and death over any of your relatives, unless more than half of the ten sovereigns agree with their decision. This power of such magnificence and substance, which then reigned in that land, there was instituted by God for the following reasons, as they say: for many generations, while the divine nature was still active in his heart, the kings followed the law and demonstrated behavior friendly to their relatives divine. Because they were truly magnificent in nature, combining the gentleness with superiority, as proven in cases of accidents and, in the mutual dealings, and because of this, have little value to anything

else, except the individual capacity and felt that there the abundance of gold and other riches, as only as a load to carry, without, of drunken excesses due to their possessions, losing the self and fell into error, but with all the sobriety knew precisely evaluate everything it only flourished because of the friendship between them, coupled with the individual capacity, but would be ruined with greed and the desire of overvaluation, which would make the friendship with the lapse capability. Thanks to this mindset of continuous action and divine nature, all made with them and went very well, as just reported. However, when the few, the divine nature was weakened because of the frequent mixing their blood with the blood of many fatal human nature and came to prevail in them, then began to become unable to live with their wealth and became kind of bad.

In the eyes of people able to understand them, they were full of defects, as had the Sanhá to destroy the most beautiful among the most valuable things, but for the others, unable to conceive a life led to true happiness, the kings were both happy and more perfect the more obsessed and more eagerness sought unjustified profits and power. However, the god of gods, Zeus, governing according to the eternal laws and fully acknowledged the sorry state in which they found that race, once so capable, and decided to punish her for this, called all the deities, in their sublime address situated in the center of the cosmos, where everything can be seen that in the course of time, participated in the process of development and when there were gathered, he said ...":
The Dialogue ends here.

[OBJ]

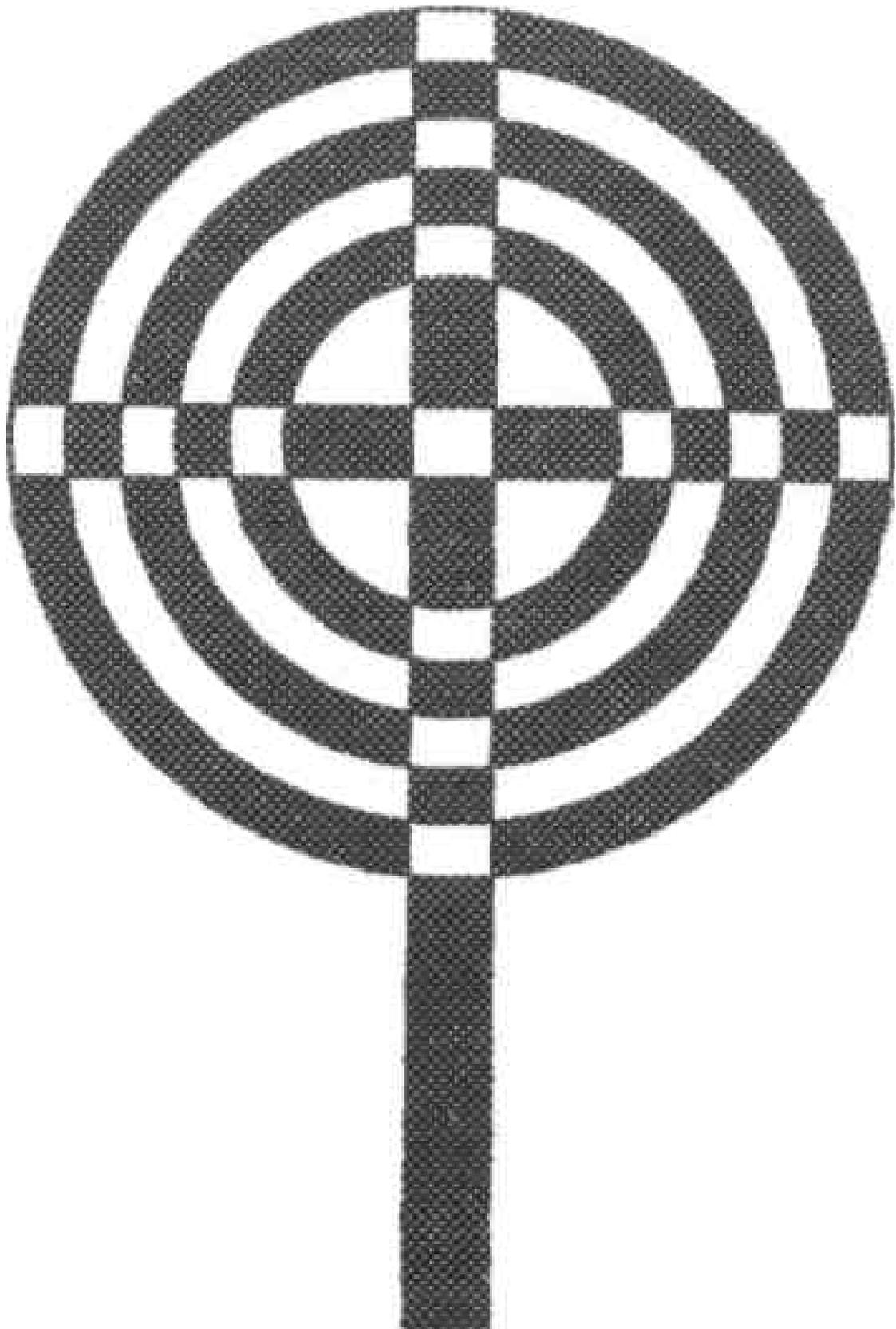


Fig.1 The cross of Atlantis, ancient symbol, if repeated in a circle of stones and blocks of pre-historic sacrifices. Shows the three circular walls around the city island, cut by waterways. The axis of the cross represents the major channel of entry. Atlantis was never a totally forgotten.

Legend or Reality

What, for two millennia, Plato reported on the Atlantis, it is little more than 20 printed pages. So far, this has been the subject of 25,000 books, translated into almost all languages of the civilized world. Clearly, the original text of Solon is the most fertile contribution to universal literature. However, among the many who discuss the Atlantis, there are few who know the two reports mentioned above, almost no one read those words text containing one of the traditions most surprising of all time. Despite the 25,000 books written to elucidate the enigma of Atlantis, the problem remains unsolved and forever new. Nothing has to decrease its charm. However, neglect is the part of the problem relating to the Natural Sciences. The almost universal literature knows no other matter, non-religious, which for so long and attract much interest so deeply marks the literature of different eras.

Customary to speak in the Atlantic, without thinking much about the origin of the word. From which its name? In other places of the world jumps the eyes, for example, the Indian and the south, the Indian Ocean, looking at the map and find the Persian Gulf, near the pole is the Arctic Sea in the Arctic region, in Eastern Europe, bathing the Baltic countries are the Baltic and northern Europe, is the North Sea. Everywhere around the globe, where a sea derives its name from a land, that is beside it. The Atlantic Ocean is the only exception, although there is the sea, no land from which derives its name. In this respect, the informant of Plato made the following terse and accurate comment: "... However, later, when survivor tremendous earthquakes and terrible floods in the course of one day and one night ill, then disappeared across the land Your generation values, the example of how the island of Atlantis disappeared, plunged to the bottom".

Long, the Atlantis is completely destroyed, disappeared, it left not even the smallest trace. She has the charm of a melody that was lost in the air. She no longer anything tangible, palpable, but a distant echo. Two and a half millennia separate us from Athens at the time of Plato. What Solon learned of Atlantis by Drópidés, brings us back in time in over nine millennia. However, in contrast to the reigns of the first mythical emperors and kings of Babylon and China, or the biblical patriarchs, in the case of Atlantis is a chronology right, susceptible of examination and tests. The date is at least as authentic as is the majority of dating historical or prehistoric. From earliest times, when there was a link between Atlantis and the flood. Although already surpassed the old theory that the flood waters of Atlantis would have taken to the bed of the ocean, which derives its name, as we shall see below, the same cataclysm tellurian, causing the flood, also destroyed Atlantis. Since Woolley found the twelve meters under the sand of the desert in Mesopotamia, that layer of alluvial mud of 2.5 m thick and entirely free of any archaeological find, which is the practical demonstration of the description given by the Sumerians of flood reports the mockery about the deluge fell in some degrees. The earth kept the testimony of flood, like as the sea kept the Atlantis.

One way or another, until today, among the descendants of the peoples of the regions punished by the flood, the idea remains alive, the memory of everything that happened, in fact, was a reality. This idea finds its confirmation, the true eco-literary in the narrative of Atlantis, by Plato, which is an indication suscinta in nothing exaggerated, although incomplete, of past grandeur.

Remains whether the story of Atlantis by Plato, it is poetry or reality. Absent any evidence of the land, which the Atlantic Ocean derived its name, have been a submerged island or a continent that, subsequently, changed its name. In this regard,

there are diametrically opposed views, on one hand there is the belief, based on sensitivity, on the other hand, the unconditional rejection, the skepticism.

What are the tangible facts?

The belief that Atlantis existed, really, is based on the presence of an authentic text, supported by documents, which include saying anything that was contrary to the laws of logic, or impossible to be proved by the Natural Sciences.

This belief is confronted with the argument, which Plato had invented the story of Atlantis was supposed to produce an interesting story, an attractive plot for their ideas of political conservative in order to make them more pleasant to read and the impact stronger. Well - so be argued - that there is a fine thing narrative frankly unbelievable and difficult coadunável with certain concepts of Natural Sciences.

Ultimately, this divergence of views on the Atlantis, crystallized in the question, legend or fact, that over millennia still in debate, is reduced to the following question, is or is not real reporting done by Plato?

Cited the two dialogues, "Timeu" and "critica", is true of all that was broadcast on the Atlantis. Nobody doubts that, indeed, are the work of Plato. There is good reason to date them in the final version, the last years of the life of Plato, presumably, from 348 BC

This assumption was right or wrong, you can not deny the existence of a tradition recognized to be real, historically, until 348 BC, that is, more or less 2400 years back in time. However, this tradition leads to be only the prologue to history. The narrative itself goes back to time of the most primitive and remote, the much earlier times and those of the Sumerians Acad, surpassing the pre-dynastic Egypt until the beginning of the fifth geologic period, the Holocene, which began with the last stage of glaciation and runs to this day.

Plato wrote his narrative not the first person singular, the narration is done through the mouth of the old criteria, which in turn refers to another character, more aged and venerable, the Solon, the wise legislator of Athens. It is said that Solon had left his friend Drópides, great grandfather of criteria, annotations to serve as the basis for a poem of great size. If, at any time, these documents have existed, today are missing. Neither Solon was the author of this narrative that, according to him, learned from an elder, clerk of the church and of salts which, in turn, referred the documentary material and older, the texts in hieroglyphs saíticos. Those texts would have given the report of the glory of the sunset and the island of Atlantis, and have lived for more than nine millennia ago. The authenticity of the original texts is demonstrated by another statement valid.

The Proclear philosopher who lived between 485 and 412 BC, wrote a detailed commentary to the dialogue "Timeu" of Plato. That comment, reported that a Hellene Proclear of Crantor name, came to Sais, where the temple of Neita would have seen the whole column covered with hieroglyphics, recording the history of Atlantis. These hieroglyphs it would have been deciphered by experts and, as stated, he, Crantor then heard, was in perfect agreement with the content of the story of Atlantis by Plato, to whose words had full knowledge.

Also, when Prof. Dr. Otto, Egyptology, Hamburg, says that absent an Egyptian story known by us, the story of Atlantis, and that neither the Egyptian literature mentions the name Atlantis, this is not worth as convincing argument, as this story could well appear to have one of many lost texts, like the hieroglyphics on the column in the temple of salts which, according to the testimony of Proclear, Crantor saw long after it had been seen by Solon. Maybe the mud of the Nile covers the cities of the Nile delta, also

obscure this document invaluable. If evidence were found Egyptian, they show, above all suspicion, the authenticity of the tradition of Atlantis, as stated by Plato himself. Also, after counting in critical dialogue "Timeu" its very funny story, but true, the struggle of the peoples inhabiting both sides of the Pillars of Hercules, he addressed the following question to simposiarca Socrates:

"Therefore, O Socrates, whether the subject remains in it, in your mind, or whether, beyond this, we must still look for another."

And Socrates replied:

"O criteria, which would prefer to adopt the theme of this place, which seems to be the best indicator, both in view of sacrifice, today offered to the goddess of the family, as the great advantage of not represent an idealized myth, but a history true! "

Who insist on saying that it is a myth, Plato alleges a deliberate lie. No, for all we know, Plato played its role of mediator so objectively. This impression becomes even clearer with the examination of the text, to answer the question, whether Plato, even if so wished, could have invented everything we sent, the title of a report of Solon.

A highly significant portion of the text, we already know, so clearly answered this question decisively. Hey you, repeated below, due to their importance:

"... In view of the mouth that you used to call the Pillars of Hercules, there was an island, whose extent was greater than Libya and Asia together, and from there, it was then possible to cross to the other islands, and those islands, for the whole continent, in front of that sea and surrounding it, which adjust title takes its name. "

This section gives a vivid and clear image of the area west of the Atlantic Ocean, as it was before the sunset of the island of Atlantis. The island itself is located well to the east, toward the southern Europe and the west are the islands and, behind these islands, is the continent, around the whole wide ocean. Although apocryphal, this description gives, in a few lines, image mapping, authentic and real, the regions west of the Atlantic, namely the peripheral areas of North America, with its numerous islands, the Bermuda, Bahamas and the Antilles, and, behind the curve of dense barrier islands, is the huge continent, with its wide surface.

[OB]

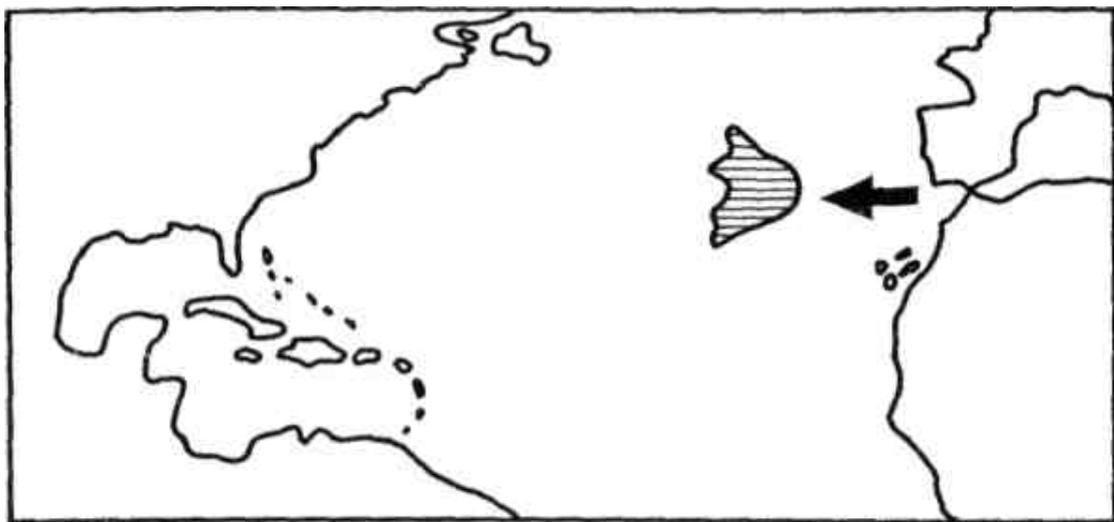


Figure 2: The problem. Plato says: "Faced with the mouth that you used to call the Pillars of Hercules, there was an island, whose extent was greater than that of Asia and Libya combined, and from there, it was then possible to cross to the other islands and

in those islands, for the whole continent, located front and sea surrounding it, which a fair title, takes its name. All that is within the mouth of which we are speaking, it is only a bay, with a narrow channel of entry, but the fact that sea should be called the sea and the land surrounding the of continent. " The diagram shows the approximate location map of the island of Atlantis, according to Platon.

The title of what Plato would have invented this "the background color" for their political ideas? What would have imagined islands, even more distant than the legendary island itself, and behind those islands and a continent?

However, this is not everything. The most unique, most exciting of this detail is in fact the narrative does not provide the topography of a sea-of-fables of fairies, but a description absolutely certain, realistic. For a description of an imaginary place, the author could have chosen from a number of versions, without thinking. However, why Plato adopted that version just that in a few lines, setting the actual conditions? Plato had their knowledge of criteria, the Younger, who in turn receive them from his grandfather, criteria, the Old, which, through Drópides had opportunity to know the notes made by Solon, during their journey through Egypt. And Solon reported what he heard in Egypt of notable and not surprising and could have been invented for him. There is another argument of weight, to be named to the authenticity of this part of the Platonic tradition. Mention are two data that Plato could hardly have found by chance, but neither could hit the description of the Atlantic Ocean, west of the island of Atlantis.

If the timing Platonic, with about nine millennia before the trip to Egypt in Solon, is correct, the Atlantis should have had its golden age at the end of the Quaternary period, ie when large bodies of water were frozen and covered large areas continental and the sea level was 100 to 200 m below the present. Plato certainly could not have come to know this phenomenon "EUSTAT" and therefore all the more remarkable is the fact that the narrative refer to today's Attica, such as representing only one-over land that, previously, there are extended with its mountains, hills and high plains fertile. When looking at Figure 3, there is the explanation and proof that "it was also authentic and worthy of credit what was said about our country," as the nature of critical reporting. This diagram shows the coastal strip, as is currently and how it was in the Quaternary period, to accompany it, we can state that today's Attica "in its entirety, it appears that as a spur from the continent, extends sea . At that time and especially in the current Athens, Attica was much wider, linked by bridges of land to the Peloponnese and Evia; EUSTAT due to the lowering of sea level, recorded at the time, the mountains were almost 100 m higher now, so that the hill of the Acropolis, now 156 m above sea level, then had some 250 m tall and impressive as, indeed, much higher. The treatment plans, currently bottom, once, were the fertile plains, platonic mentioned in the report, although the author could not know this detail, nor guess it by chance.

This was verified the authenticity of the sources also for that part of the narrative Platonic regard to regions that at the end of pliocene, were inhabited by proto-Athenians, also so called by mistake, and which later became known as Attica.

[OBJ]

Figure 3. Today's maritime region, with the coastline in thick line.

[OBJ]



It can give the people a cultural level that comparable to that described by Plato? He describes a civilization bucolic, provincial, and the guards' houses were made of wood and clay, the walls around you were palisades or stone mammoth document. This corresponds exactly to the idea of contemporary man of Aurignac as being transmitted by the latest research. Already in those days remotísimos houses were built of wood, long, surprisingly large, as Gert von Natzmer reports in his book "Die Kulturen der VORZEIT" - The Pre-Historic Civilizations (Safari, 1955):

"Poles of wood decaying leaves on the ground its moldy residues, almost indestructible ... Thus it was possible to prove the existence of houses of wood that tens of millennia became powder. The arrangement of holes for the poles enables the plant the house until the completion of the roof, supported by poles ... since it is known that the people of hunters, tens of millennia ago, inhabiting the Eastern Europe, occupying the land from the south of Russia to Austria, and raised large buildings of wood, each 40 m long, divided into many places, with their own place reserved for the stove. Obviously, such "long houses" were a large family or a clan, composed of several smaller families, who living under one roof. The structure of these houses suggests that its builders would have used axes of stone, afiadísimos, since only thus could have been working the wood properly. However, yet there were no such tools among the peoples of hunters prehistory. Also, according to overcome theories meanwhile, have been nomads, where now revealed that the owners of those homes took inactiveness. Finally, their home community have yet to conclude the existence of a social order,

because only in that order would be sable the development of existential technique that should have owned ... They make the surprising findings demonstrate that neither was so primitive the life of prehistoric man, as used imagine it until recently. "

The description given on the basis of findings over all doubt, confer, and surprising way, with the story of Plato on the habits and life of so-called proto-Athenians.

The man-hunter of civilization Aurignac had a social order structured and clearly defined. It also said the proto-ancient Athenians were integrated into the primary system of four castes, namely priests, warriors, craftsmen and peasants. The warriors and the priests lived together, on the hill of the city, in houses of wood, simple and spacious, with luxury next to the temples, also simple, the gods of their worship. Probably, in the days of the Roman conquest, the unions, queruscos and naarvala us still inhabiting such places, moreover, Herodotus gave similar reports of appointments, other primitive people.

It is the sedentary people who build houses long, in this condition, the practice horticulture and agriculture, the primitive division of labor has changed the class of peasants. Those not living on top of the hill, but close to the fields that grow crops, or on the plains, as Plato describes the proto-Athenians.

The construction of large sections of wood requires craftsmanship. The peasant and the artisan, which complement each other, are inseparable from one another. This gives another detail reported by Plato on their proto-Athenians, saying that the peasants and craftsmen lived together, the "Lower City", probably inhabited the same house long, as were reconstructed in Southwestern Europe, with based on the findings dating plistoceno.

There is another detail to attention. Houses long as the seat of a large family, closed in itself, constitute evidence of a true matriarchal way of life, which is part of the worship of the goddess-mother. Know is archaic worship of such images, dating from the end of the Stone Age, such as the Venus of Brassempuy and Venus of Willendorf, to mention only these two. And Plato attests that those proto-Athenians worship a god-mother, as a "temple of effigy, bearing arms." Mor-in the temple, the images of that proto-Athenian and a proto-Hefesto stood side by side. This could discern the preliminary phase of a poster ginococrazia among the natives of the Amazon. But this evidence also gives the message Platonic, rather strange that, in proto-Athens, "both women, as men participated in military activities." The same happened with the people of farmers and hunters Aurignac of contemporary civilization. It is there that the community places on top of the hill was inhabited not only by armed men, but also by women so weapons, it is therefore true warrior families, integrated in your clan, like how can presumed to be the inhabitants of the houses long, Aurignac type. Thus, adding up pebble after pebble and avoid any prejudice, comes to a few intelligible prehistoric life, which fits perfectly with the Platonic story, describing the proto-Athenians, as the contemporary hunters "appointments" of Aurignac were representatives of a civilization modest, rural, but with high ethical level, describing it, by law, and civilized. Gert von Natzmer them talk to right:

"Strictly speaking, the description" man of the Stone Age "almost lacks substance. It does not say at all, he was a" primitive man. "Up to two millennia before the Christian era, the peoples of North and Central Europe still lived in the Stone Age. In essence, this also applies to the civilized nations of Central and South America, during the Spanish conquest. The raw material used by a people in its past, is not alone , valid criterion to assess the extent of its cultural development ... "

However, as Plato reports, that proto-civilization Attica prehistoric disappeared during

a single night of terrible rain, earthquakes and many bodies of water, which led it and always have to dive in the past. It was nothing of real, everything, including the fertile land on the hill of the castle, was washed by the waters, and since then is gone. The cataclysm nor spared the Cyclopean walls around the shrine and places long fortified. However, at this time, the question arises whether perhaps that night of horror, during which the earthquake and the bodies of the runoff led to its original acropolis, was identical to that which caused the disappearance of Atlantis? Those bodies of water, falls on the proto-Attica, would have been that the flood, as are the legends of many peoples, destroyed vast stretches of land? This has raised a question to be examined later.

Done here in the examination section of the text referring to the proto-Athenians. On objective evidence sufficient to prove that the partial report of Plato provides key details and susceptible of examination, which can not be freely invented, either guessed correctly. It proved the authenticity of their sources. Alright what Plato says, it transmits, and faithfully, real facts.

For both, are of special importance to the discoveries made in Eastern Europe, which revealed entirely new aspects of the degree of civilization of man the end of the Stone Age. Timely return to the subject.

However, that will effectively Solon was in Egypt?

Thanks to the biography of Solon, written by Plutarch, have some data on their travels. He traveled for ten years, from 571 to 561 BC First, he went to Egypt to Heliopolis and Sais; from there brought the story of the Atlan-taken. Then visit the King Filocipro, Cyprus, the visit is documented by the fact that the Cypriot city of SAAP had its name changed to Solo, in honor of the visitor. From there followed for Crois, in Sardis, in Lydia, in 561 and returned to Athens. Already the following year lost his position in public life and was replaced by Pisistrato; involuntary leisure in the last two years of his life, seems to have made notes of his journey, perhaps to serve as the basis for a literary work of greater size. He died with 80 years of age, in 559 BC Thus, the chronic critical that refers to date of 560 BC With this begins the Hellenic tradition of Atlantis, recognized by history, it is better documented than are many other facts , accepted and recognized by the official historiography.

Life Beyond the Ocean

In 1836 were discovered huge indecipherable characters in the Gávea Rock in Rio de Janeiro. The top of this impressive mountain as a huge bearded man's head, a helmet, as reported A. Braghin, people called it the "giant Atlas." Thanks to research carried out by a Brazilian archaeologist, Bernardo da Silva Ramos, we may assume that it is a Phoenician characters. They are rather difficult of access, 840 m altitude, with the following translation of the text, thus constituted:

BADEZIR, CITY OF SHOOTING Fenice, first son of Baal-JETH

Today, it is known that in 856 BC, Badezir succeeded his father on the throne of actual shooting. Also in other places, in underground vaults of Niteroi, Campos and Tijuca, such traces were found. On an island on the coast of Paraíba stones were found mammoth document of an old castle, with huge saguões, long corridors and galleries. According to some experts, all these findings would be relics left by the Phoenicians, but some disputes such assertions.

If, almost two millennia before the viking Leif, the nickname Felizardo, have it done, Phoenician sailors had brought on the American continent, so I knew it, and well,

hiding this fact. Why? Of course, only had circulated the rumor of the existence of vacant land, there where the sink popular belief supposed to be only pest of Perséfone, goddess of hell, many adventurers have been drawn from antiquity and the interests of navigation would have been seriously harmed Phoenician .

The Phoenicians of the ninth century BC - 300 years before Solon's travel to Egypt - have keep secret as to their offspring in times of Solon, and now they remember all that was to be hidden, then the other side of the ocean, or does Badesir left without return? In any case, there the year 500 BC, Hanoi, of Carthage, took his famous expedition to the Sea and West Africa, one hundred years before, commanded the Pharaoh Neco the circumnavigation of Africa, with ships manned by Phoenician sailors, not Egyptian without any reference was made to the fact that for centuries the great enigma of the South Atlantic has been unveiled. Both these expeditions not left the coast and fell into oblivion. Neither Solon could have provided the data necessary to invent the plot of Atlantis and the mainland in front. Moreover, no one doubted the ability to circumnavigate the earth disk, along its back. This event was in perfect agreement with the design of the contemporary world, as existing at the time of Herodotus and illustrated by Fig.4. Amid the Mediterranean, in the center of the earth disc and, thus, the universe was the Olympus, "home of the venerable Olympic gods," with the disc extending to land on all sides, with its edges cut into peninsulas and surrounded the ocean.

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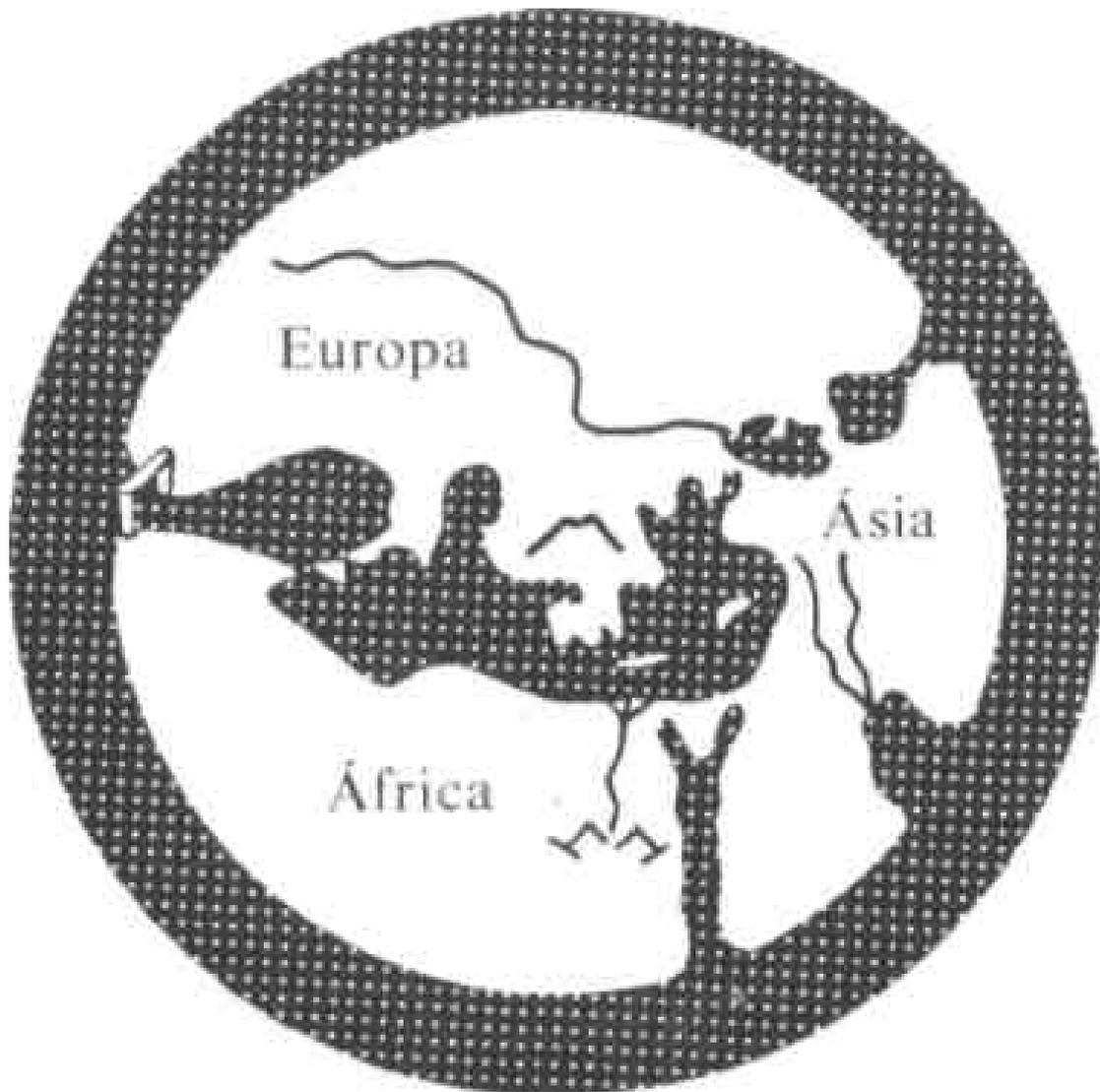


Figure 4. This was the world seen by Herodotus.

The image of the Old World, at the time of Herodotus (484-424 BC), or after Solon and before Plato was essentially similar to the older concept of the world of Chaldeans, shows the Earth as a plane disc of approximately spherical shape in the midst of ocean, which is invaded. The Olympus and address of the celestial deities, was the center of the world. To the west, the land ended disk in Columns of Hercules, to the north, the land of the Cimmerian and arimaspos; east, of the Hindus, who inhabited the lands beyond the Persians, to the south, in the Ethiopian. The Nile was born in the mountains of Croft and Mofti (where today is the first cataract). The Danube River through Europe, to the land of the Celts. The Caspian Sea, above the Black Sea, was connected to the ocean. To the west, beyond Okeanos (Ocean) were the stops Perséfone, queen of darkness, anywhere to the north or northwest, hyperborean lived the fabulous, the "men-of-beyond-the-north". In this image the world had not the great continent beyond the Atlantic, but despite this, the Platonic narrative is historically the first message of Atlantis.

The ocean separating the illuminated world, life, the pest of the dead, immersed in the

penumbra. The XI Corner "Odyssey" describes how strongly the fantasy of mythical Hellene viewed the pest, in the extreme west of the ocean at the end of the river bottom, submerged in the black night. This was also the belief of Plato and Solon, all of Hellena, including Aristotle, the realistic. They all believed in that realm of the dead in the west, as believed, piamente in the palace of Poseidon, the crystalline depths of the sea.

However, what Solon brought from Egypt and became the core of the Platonic story of Atlantis, frankly and openly contradicts the traditional concept. The description of the western Atlantic is not mythical in nature, but expressly realistic. A modern map would not give a more concise and accurate description. Furthermore, no Hellenic thinker could never have imagined that the other side of the ocean there is a continent with humans, live. The picture outlined above in early dialogue is a non-Hellenic reportedly because, besides contradicting the concepts of geographical classical antiquity, yet is opposed to the idea cosmo-logic, the basic time, which is of greater importance.

The cosmology of the mythical Hellene has its origin in models Sumerians, Babylonians. The fig. 5 outlines the concept, as follows: the world, full of heavenly air, is situated in the heavenly city, crystal, which in turn floats on water sky. The tower is supported by the zodiac, divided into twelve compartments, with the mountains of the birth and the Sunset. Equal to a glass ball, is full of bitter water of the lake, called by the Greeks of okeanos. The Babylonians moved the center of the world for its zigurato for the "Tower of Babel" in the sky above was divided into three segments, and below, the city of the dead, with seven walls and addresses of the underground.

To the west, where the sun plunges into the sea, the Hellene imagined the beginning of the underground world, there was no way to take those pest, you would be only the boat of Charon. Never a Hellene could have suspected the existence of land in those parts of the world. However, also the Phoenicians and the Babylonians had considered sacrilege to mere speculation in respect of land and human beings, live in the pest than the earth disk.

At the end of antiquity, especially in the city of Alexandria and other major capital cities, were imposed schools learned that after Encyclopedia Encyclopedia filled with all the knowledge available at the time. Hierarchies were scientific, with sacrosanct dogmas, quite equal to those of our present. One of these dogmas was the eternal existence of the disc land in the middle of the ocean, home of the living; outside its scope was nothing, beyond the realm of the dead. In view of these concepts, we can assess how it must have been difficult for Solon and Plato register that passage of dialogue, perhaps because of this they both took so long to resolve to leave it in writing. In advance was to be expected that would be rejected by contemporaries. Only a few had the courage to accept it, among these were the Teopompo and historiographer Herodotus, the geógrafoPosseidônioe the naturalist Pliny, the courageous attitude of these men brings to them both as evidence of the authenticity of the Platonic texts. Since the discovery that distant continent, west of the barrier island, formed in the western Atlantic, described by Plato, it is known how they were to the right.

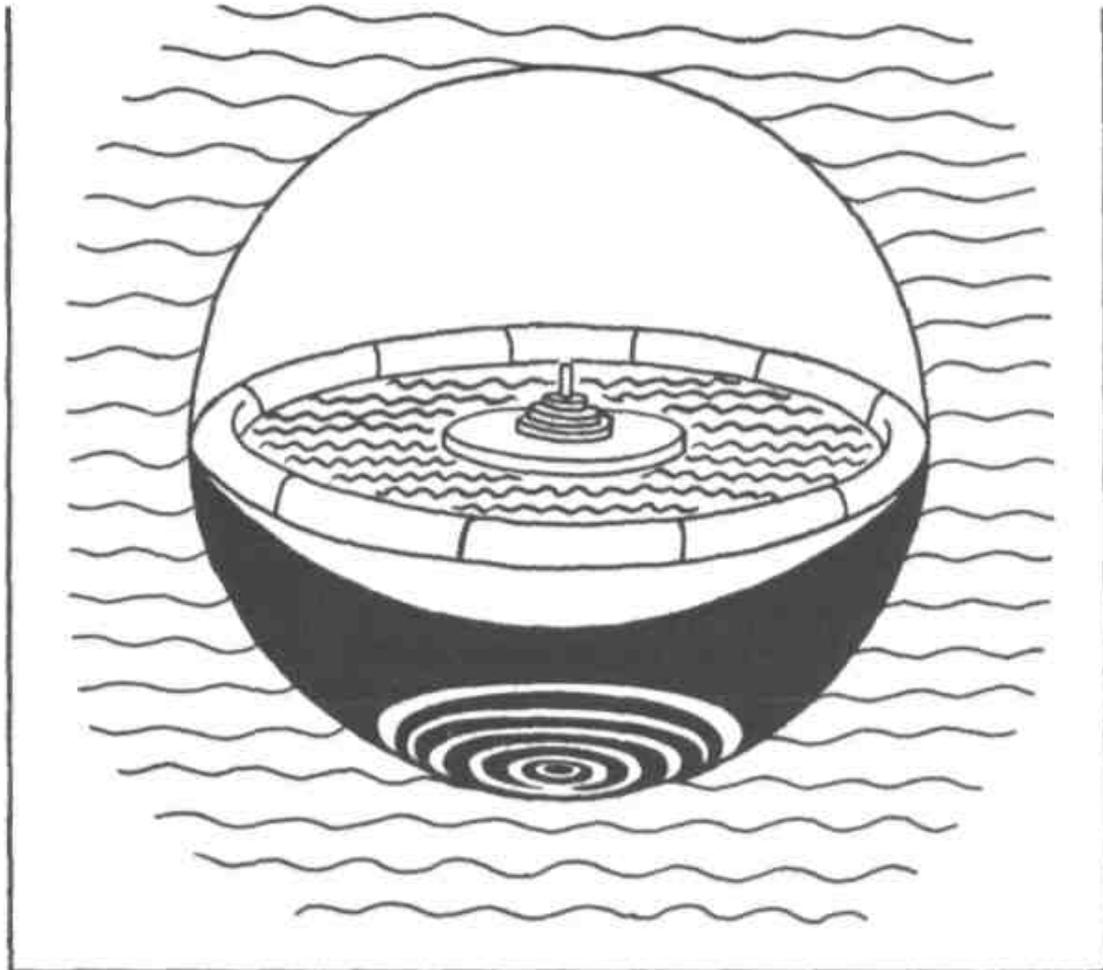


Fig.5. Scheme of the cosmos Sumerian-Babylonians

The world, full of heavenly air, resting on the crystalline celestial citadel, which floats in the celestial waters. The heavenly city, supported the zodiac, is like a cup, full of bitter sea, in which the disk floats land. Above the disk, the sky shines: below, extends to the dead city, with the addresses of the ground, immersed in eternal darkness.

Existence before the creation?

In commenting on Proclear dialogue "Timeu" and Crantor testifying about the narrative of Solon, the tradition of Atlantis suffers sudden solution of continuity. Besides these testimonies, there is no essential respect.

Only Herodotus (11, 184) left a brief note on the geographical Atlas in Northwest Africa, as the column that supports the sky and gave its name to the inhabitants of that region. The Atlantes, as they were called by Herodotus, not live to eat and not have dreams. Only the dead to eat anything alive and no longer have dreams. The Atlantis, with all its inhabitants, is the past.

Also, Elia also reports provided by a Teopompo of Chios, saying that the West would be a distant mysterious continent, especially those mentioned in the narrative Platonic, inhabited by Merope and governed by a mythical queen, Merope, daughter of the Libyan giant Atlas, which, already in the myth of Hercules, argues the globe.

Pompônio Mela and Pliny also reported the arrival of a boat, lots of men in red skin,

thick lips, elongated skull and curved nose, aquiline, diverted from its course and that would have supposedly crossed the Atlantic. Perhaps the onset sudden, unexpected, those messengers of a world away, Pliny and Mela was converted into fans of Plato. It is all that is about and it seems very little for a period of 900 years. The Middle Ages is one full vacuum to the tradition of Atlantis. This in no way surprising, considering that there are two reasons of weight, for this lack of interest (Board 2).

First, the great Aristotle condemned, so irrevocable, the Platonic Atlantis, this was a decision of great importance, because the monks, copiers of classical texts, Aristotle considered as absolute authority, the greatest sage of antiquity. Furthermore, missing data to adequately examine and assess the basis of little expressive Aristotelian defense and, therefore, the trial of Aristotle came to be passed on, without major repairs, and Plato has created reputation for doctrinaire.

The second and more important reason to reject the Middle Ages the story of Atlantis was the narration itself, which, in addition to counter the geographical design of the contemporary world, and little different from the current in antiquity, which gave no room for any idea of a country the west, sinned by an anathema even more serious. The dialogue of critical mentions a date, even vague, but just the mere mention. The great war between the men inside and outside the Pillars of Hercules would have hatched some nine millennia before the visit of Solon salts, ie, according to today's chronology, around 9600 BC As we know, that war ended with the terrible earthquake that also destroyed the island of Atlantis.

But also the Middle Ages had its own calendar, which began with the absolute top of the world, the Day of Creation. Was taken from the Bible and therefore had all the weight of a divine revelation. At the time, was all that the Bible was taken strictly literal. The Jewish people had their years from the date of creation of the world. According to the chronology supplied by the Genesis, the world was created in 5508 BC No doubt it was allowed that time, regarded as revelation, and therefore was sacrosanct.

Arose, then the fact of a disappointing report immemorial, has called into doubt by the wise Aristotle, to mention a date for more than four millennia before the creation of the world. In this report, the center of the Atlantic there was a highly civilized island in a season in which the Earth was not only "empty and deserted, but had not yet been established. In view of frank contradiction with canons of Scripture, there was only one possible reaction: condemn those texts.

Today, it is easy to discuss the matter. No longer teaches more than in all its parts, the Bible should be taken literal and currently comprises the Hebrew date of creation of the world in a different well.

The Search of Atlantis, in recent times

The man who forced the frame of the table representing the Earth as it was conceived in Antiquity and Middle Ages, was the Genoese Christopher Columbus, the service of Spain, which called for Cristóbal Colón To many of his contemporaries he was a fool, to defend fanaticism with the idea, mock the experts, that the more you penetrate west direction, finally "come from behind", it would be possible to reach the extreme periphery of East Asia, China and Japan and, with that round, come to Islands Moluccas, the islands of spices so appreciated. Undoubtedly, this project was interesting for the Spanish because the sea was there in the field of competitors, the Portuguese, because the land through several Arab countries, whose passage was

subject to heavy taxes, as a toll. However, neither the idea in Portugal convinced Christopher Columbus was taken seriously, despite the fact that closing a real and genuine threat to the monopoly of its trade with the East, if and when they come to be accepted by others. Thus, no one gave credit to the words of the Genoese, who had long had to look who fund their desired business *arriscadíssima* through the globe. It is the years. One man supported Christopher Columbus and encouraged not to lose their courage during that long period of waiting, was the Florentine Toscanelli, whose advice and assistance of the Genoese very high value due thank, including the collection of data available at the time . It is known that the efforts of the genial spirit, irrequieto, obsessed with the idea of crossing the seas, were inspired, among others, in the mythical geography of antiquity and travel reports, *superfantasiosos* of Cosmas Indicopleutes. The roadmap, "from Lisbon and pursuing ever-west direction, the Antilles, to Cipangu (Japan)" was one of Toscanelli letters, addressed to Colombo, however, the map which accompanied that letter was lost. Anyway, Christopher Columbus, who never falter in its efforts, managed to be received by Isabel de Castile queen and ended up signing with him the contract of Granada, which the crown equipped three caravels for the intrepid explorer in the season with 46 years of age. On August 3, 1492, Christopher Columbus set sail from Paços. Certainly, none of those present at the outset of the small expedition could have imagined the consequences of this tremendous adventure, even ignored by the Colombo. When, after months of uncertainty, waiting and almost despair, on 12 October of that year, Columbus anchored off the coast of Guanahani, in Watling Island, the Bahamas group, nor did he have rediscovered the idea that that ancient New World, 1800 years ago, was located and described in the narrative of the Platonic Atlantis, accused by scholars of antiquity, who have the text.

In 1496, Christopher Columbus discovered the American continent at the mouth of the Rio Orinoco, when they had the certainty of having contributed in Cipangu (Japan), or Catai (China), it confused with flocks of flamingos majestic processions of Buddhist monks. Neither at the time of his death Colombo idea was that, unlike the east coast of Asia, he reached the eastern outskirts of a new continent, the New World. Certainly, there are few times that a mistake was genial season, marked by the same Christopher Columbus.

However, since then, the door was open to the west and up discoveries followed, one after another.

In 1502, the Genoese admiral designed the giant shadow over Central America, began to spread the exciting tales of Eldorado, the king covered with gold, which rallied the adventurers in search of gold. In 1521, Fernando Cortes is devoted conqueror of the powerful kingdom of the Aztecs, when taken Tenochtitlán. In 1553, Francisco Pizarro conquered Peru, country of the Incas. Then, suddenly, the land of the remote west end revealed visual field of the West and became tangible, palpable. In 1569, Mercator published his map the world, which, in comparison with the globe of Martin Behaim of 1490, and shows the amazing progress made by the Geography in only eight decades. At the same time, the search of Atlantis woke from its sleep of more than a millennium. Already in 1553, Spain's Francisco López de Gomara, the first to write a history of the West Indies, newly discovered, referred to the Platonic foretaste, as the topography of the west Atlantic, which, surprising way, had his confirmation in fact , thereby justifying and brilliantly, the Platonic narrative, then defamed like mad and heretical. Gomara was of the opinion that the new continent, America, or was the island of Atlantis itself, or that continent end, behind the west Atlantic, announced by Plato.

This thesis found supporters among remarkable men, but often disagree on its exact location.

In his work "NEW ATLANTIS", Francis Bacon of Verulam designated Brazil as the continent of Atlantis mentioned in the narrative; Janus Joannes Bircherod adopted this version. The strange book entitled "Mundus subterraneus", authored the Jesuit priest Athanasius Kircher, published in 1665, deserves special mention. The author viewed the Azores Islands in the tops of submerged mountains of Atlantis and produced an amazingly accurate map of the island of Atlantis, pear-shaped, with the shaft pointing to the southwest. Remains how Kircher, without having the results of modern oceanic measurements of the profile, would have reached this result, however, should respect their intuitive understanding of the Platonic text which, in addition to your fantasy, was the only element to guide you in studies (Fig. 3).

While Kircher, thanks to them the original text, achieving remarkable results and durables, other researchers, for missing the one point, lost in the maze of speculation. It started, then a tragicomic chapter of the recent research of Atlantida. Olaus Rudbeck thought to have rediscovered Atlantis Sweden; Bartoli, Italy, Georg Caspar Kirchmaier viewed it in South Africa, while Silvain Bailly imagined in the cold of pest Spitzbergen in the Arctic. For Delisle de Sales, the Atlantis was in Caucasian-Armenian plateau; Baer chose to Asia Minor; Balch, the island of Crete. Godron, Elgee and later the Count Byron de Prorok, said that would be located in the oasis of Hoggar, while Leo Frobenius opted Iorubalândia. The renowned archaeologist Adolf Schulten identified Spain with the Atlantic and Indian Tarshish as the real Poseidonia, Richard Hennig, Netolitzky and others adopted this argument. However, other researchers sought by Atlantis in the Atlas mountains in North Africa. Herrmann believed to have found the right place in Sirte and others were searching the island of Ceylon. Since then, everywhere, in Helgoland, the fantasy of men sought by Atlantis, but the place was looking less that stated by Plato.

Moreover, when some people joined the original text: Cadet, Bori of St. Vincent, Tourenfort, Latreille, the famous Buffon, Lamettrie, Zanne and Germain and Heinrich Schliemann, the great discoverer of Trojan-amateur's opinion Schliemann, a renowned researcher and often successful, has special weight, exceeding that of a hundred people ultracépticas, or a thousand fantastic, given the speculation surface.

For over 60 years, the case Schliemann "has to make headlines. On 20 October 1912, his grandson, Dr. Paul Schliemann, published in the "NEW YORK AMERICAN" a sensational article on a legacy that would have been left by his famous grandfather. That legacy would have been part of a bronze bowl, found by the grandfather with the fabulous "Treasure of Priam" and that, so amazing, it would have a bearing Phoenician inscription, saying: "of Cronos, king of Atlantis." But Schliemann had found Grandfather in archaic dual layer I-II, in Troy, head of owl vessels, equal to that in 1883 he had seen in a collection of precious of Tiahuanaco, then displayed in the Louvre in Paris. And according to Schliemann Neto, those vessels containing platelets square of silver metal. Apparently, these elements formed the basis for the thesis of Dr. Paul Schliemann, because by then disappeared in Russia, and the development of which still use two old Egyptian papyrus, supposedly discovered by his grandfather in St. Petersburg, attesting Egypt as a colony of Atlantis. Nor, Schliemann Neto forgot the door of the lions, in Mycenae, which was found the inscription saying that the first temple was built by the Salt Misor, ancestor of all Egyptians, who was the grandson of a priest Atlantic, the which, in company of the beautiful daughter of King Cronos, fled the land that King and went to the margins of the proto-Nile (Fig. 4).

In contrast to the details of the Platonic tradition, susceptible to examination and verification, everything is as legendary as is the message of Herodotus, speaking in Atlantis, closed in the mountains of Atlas, which sleep a sleep without dreams, or the legend of the god that Crono - such as the Emperor-Barba Roxa Kyffhäuser of the mountain - was sleeping in the cozy interior of a cave on the island of Atlantis. Moreover, the French researchers were devoting special efforts to the elucidation of Atlantis. Among them should highlight the scholarly priest Moreux, he concentrated his studies in the field of Natural Sciences, hitherto neglected, with its "four arguments" coordinated appreciable and convincing reasons, but can not be considered as evidence of Platonic reality of the island. Of equal value are the studies by Lewis Spence, on the basis of findings of lava, it is located no more than 13,000 years back the date of the cataclysm that killed the Atlantis. This is according to timing summary given by Plato, but Spence would have preferred to back, also the timing, especially in time, probably to support his theory of migration waves, starting from Atlantis, and why Europe was colonized. It is worth mentioning again, the presentation summary of the subject, made by A. Braghin, in his book "THE SHADOW OF ATLANTIS - The Shadow of Atlantis - in theory launched by previous researchers, as the Count of Carli and that the Atlantis would have been destroyed with the fall of a comet or meteor that the same time caused the flood. Elsewhere it to matter, with more details.

In this context, it should speak of the theories raised in the result of investigations made regarding the inexplicable series of disasters to vessels and aircraft, said occurred in the Bermuda Triangle. Charles Berlitz's book "The OF BERMUDA TRIANGLE", quoted in the Introduction, speaks of remarkable findings, made plain in the Bahamas in that area, so mysterious, the disaster continues, which until now was not found an explanation. Berlitz writes about these findings: "Since 1968 until now and especially in the vicinity of Bimini were underwater installations, such as impressing works of buildings, made of huge massive monoliths, placed one over the other and could be considered as roads, terraces, port works or walls collapsed. In one way or another, they remember the stone buildings in the pre-Inca in Peru, Stonehenge and the sanctuaries in the walls ciclópicas Greece minóica. The age of the rocks is uncertain, although the tests with carbon 14 datassem of approximately 12,000 BC fossil roots of the mangrove cover. The most famous of those findings is the "Bimini road", or "wall of Bimini," discovered in 1968 by Dr. H. Manson Valentine in cooperation with the diver Jacques Mayol, Harold and Robert Angove Clim. From beginning to be observed from the surface ocean, the sea with exceptionally smooth and transparent, Dr. Valentine was impressed with that finding, he described as an extensive paving of stones flat, rectangular and multangular of various size and thickness, of course finished and embedded in each other to form a whole, which certainly was artistic. In another part of that book, Berlitz, writes:

"Flights of recognition, made since 1968, confirmed the existence of other notable works and, of course, by the hand of man, both in the sand banks of the Bahamas, as on the seabed in the vicinity of Cuba, Haiti and Santo Domingo. It is reported that some buildings, then along the sea, have the appearance of pyramids or huge buildings, with domes. One of them, in the region of Bimini, measures 55 x 43 I well could be the basis of a pyramid; other similar is the largest pyramids, the temples and terraces. In Cuban waters, a whole complex of "ruins" submarine, now located, awaiting the operation. "

Berlitz repeats the previous hypothesis and frequently raised, that the structures underwater plateau in the Bahamas indicate the presence of Atlantis. Apparently, this

theory contradicts the Platonic narrative, however, this contradiction is only apparent, since the look more in depth the Platonic text, can not fail to note that he describes the island as being of greater extent than that of Libya and Asia (Minor) together and it could target board with the other islands, and those located opposite to the continent. The liberal interpretation of the platonic reporting allows the conclusion that Atlantis was the set of a large island and many smaller islands in the west of the "Pillars of Hercules", so the Straits of Gibraltar, extending up to the east coast of America . According to Plato, all those islands perished "during a single day and one night unchancy ill."

It is not overvalue of indiscriminate way, the recent past, to assign greater importance to the results obtained by search of Atlantis in the past two centuries, considering them superior to those obtained in the last two millennia. Moreover, it was only in the nineteenth century that the narrative of Plato risen to a new life.

Similar fate was reserved for another researcher meritorious, Ignatius Donnelly, the author of famous work "ATLANTIS, THE WORLD ANTEDILUVIAL" - Atlantis, the antediluvian world. In order that the value of their work is now properly assessed, it remember how little material susceptible of exact tests, the researchers had at their disposal. In view of this, the more command respect his attempts to find new arguments in the context of Natural Sciences. He developed the idea, perfectly acceptable, a plateau, meanwhile immersed, linking Europe, Africa and the New World and allowing the passage of animal and plant species between these three continents. Donnelly expôs como tal planalto poderia ter impedido a entrada de correntes marítimas tropicais no Atlântico Norte; especulou que não existia a Corrente do Golfo enquanto existiu a Atlântida. Moreover, this idea is being advocated recently, although the various titles, by Prof.. Enqvist, Göteborg, and by Dr. Rene Malaise, Stockholm, both of Sweden. The latter is the author of a book interesting and very original, published in 1950 under the title "ATLANTIS, en geologisk verklighet" - Atlantis, a geological reality. Indeed, elsewhere we have to address the issue of "the Gulf and glaciation in the North West Europe."

Is of particular importance to the work of Prol. Hans Pettersson "ATLANTIS und Atlantik. - The Atlantis and the Atlantic. In it the author, a renowned oceanographer, leader of two expeditions and owner of vast experience, enough to draw the following conclusion:

"The question whether, in fact, existed in the Atlantic island of any great territorial extension, recently disappeared, seems to be totally negative response, nor appear out of the question the idea that, in times as remote as ten to twenty millennia before our was of major disasters, causing changes in the level land, had been on top, or near the dorsal central Atlantic, so at the time when our continent was populated by man of the beginning of the Stone Age ... "

So here is the trial of goal Pettersson, given the quality of Oceanography. But then, Pettersson, the scientist, is making a subjective trial, stating his belief in what they believe their colleagues, archaeologists and philosophers:

"Certainly, the narrative of magnificence and riches of Atlantis, with its sovereign and warriors, their trade and their campaigns of conquest, the temple of Poseidon, with the roof of ivory and gold, protected by the ring of canals and circular walls, all what is legend, the greatest poetic work of the thinkers of antiquity, Plato. "

Well - here Pettersson is wrong! Examine in depth the pros and cons of the old Aristotelian statement, saying only that Plato would have invented the Atlantis, and that examination, we find that Plato could not have invented everything that counted.

Moreover, remains far more comfortable repeating an old argument and even surpassed, that of recognizing the counter-revolutionary argument.

Geology Mitica?

Until today, in one way or another, nearly all geologists continue to reject the theory of Atlantis. This rejection is not so much as the idea of any time and anywhere in the Atlantic would have existed absent land today. Names such as Gondwana and Lemur played its role in scientific debates, but never and nowhere existed in an ocean of Gondwana or Lemur, while we have before us in the Atlantic Ocean, to which it gives its Atlantis and so apparent ill will. The reason for this is in fact the mythical island had disappeared so suddenly. And it is precisely this sudden disappearance that contradicts the standards of a century here, the geology fleugmática, gradually, the teachings of Lyell, on the lonely end of tiny forces today, influencing changes in the earth's surface. Perhaps the objections were minor against a continent-bridge, Atlantic, argument based on arguments which, over the millennia, have slowly sunk into the sea, to disappear entirely. However, the idea of a great island has disappeared "during a single day and one night unchancy ill" is contrary to the doctrine of Lyell as to be rejected unanimente - and with it the whole theory of Atlantis. The counter-arguments say the following: If the island of Atlantis there was some evidence that there should have been found, but were not. Moreover, the island could not have disappeared just like that. Islands of large territory not usually do this. Never was such geological changes size. Volcanic eruptions, historically proven, such as Monte Pelée and Cracatoa, local effects and visual result, clearly visible. Lowering the soil, large scale, as recorded on the coast of Holland, do not happen in high seas. Although islets, atolls and coral banks, may arise and disappear as suddenly as occurred in some unstable regions, for example under the Pacific, a large island, covering an area of at least 200,000 km², is solid and heavy enough to suffer such sudden disappearance. Recognition of the Platonic texts, including the passage announcing the sinking of Atlantis catastrofal, therefore represents a repetition of the lessons irresponsible catastrophe, released by Cuvier and his school, whose doctrines, with the discovery of Lyell, have been given as interest - only history.

Currently, the predominant idea is more or less the following: although the doctrine of Sir Charles Lyell prevail on normal geological occurrences, do not exclude the possibility of rare disasters, for exception confirming the rule. In turn, the theory of Atlantis requires only a convulsion of the earth, and then the possibility to have ceased to be so vehemently denied for the same as it was a few decades ago. Furthermore, this possibility is consistent with the theory of convection, the theory of tectonic plates, and in particular the doctrine of accommodation Continental, established by Alfred Wegener. This revolutionary theory was raised almost seven decades ago and with it the theory of Atlantis came into conflict. Therefore, it must explain the theory of Wegener and geophysical databases, which are:

The earth we live in is not covered by a single plastic layer, formed of fragments, but a mantle in various strata. This was already aware of Eduard Suess, who introduced the technical terms, since in normal use of "Sima", to the substrate silicon and rich in magnesium, and "SIAL" in the continental strata, higher-rich silicon and aluminum, floating in the substrate of Simon, the more dense and viscous-plastic in which they move slowly, as the glaciers into the sea. The removal of secular tectonic plates of America, Europe and Greenland, advocated by Alfred Wegener, has had his

confirmation by the results obtained with the modern technique of measurement. This removal caused the gradual enlargement of the Atlantic; otherwise, the Atlantic Ocean should have smaller width. Wegener said that in the early Tertiary period, the current Old and New Worlds were not separated by a large pit of water, but would constitute only a primitive continent, full, and that only later was divided into individual plates. This idea recalls, and much, the old design of the disc mythical land, surrounded by oceans, as Figs. 4 and 5. In a comparison between the concept of world-Sumerian Babylonians (Fig. 5) and the layout of tectonic plates, prepared by Wegener, it impresses as a detailed repetition of the first, held at a later date. Of course, in its layout, Wegener could only put the southern continental plates in places where he thought they should be placed and where not, in fact, they were. Thus, the plate immediately Brazilian borders with Africa, but pursuing the line toward North schematic according Wegener, there would be found any traces of a turf intermediary, Atlantic (Fig. 6).

The concept of Wegener, the existence of Atlantis have been simulated only by a land bridge, pre-Tertiary, between the European plate and Canadian turf. When then - despite the reasons - the great tectonic plates moved away from one another, this land bridge was lost, then this would have been the origin of the legend of the submerged continent.

Do with it was denied the Platonic narrative, or again she would have gone into shock with a new theory?

The theory of Alfred Wegener on continental displacement is one of the most brilliant designs of today's Geophysics. Its acceptance by colleagues is cause for satisfaction, only because it broke the dogmatic rigidity which, for decades, held the theoretical geology. The question of whether it is correct to the theory of Wegener, saying that once the continental plates would have been a full disc, is a subject of debate for geologists and cosmologists, the issue of the Atlantic has nothing to do with this. Probably, at times much earlier to the tertiary period, North America and Europe, in fact, were interconnected.

[OB]

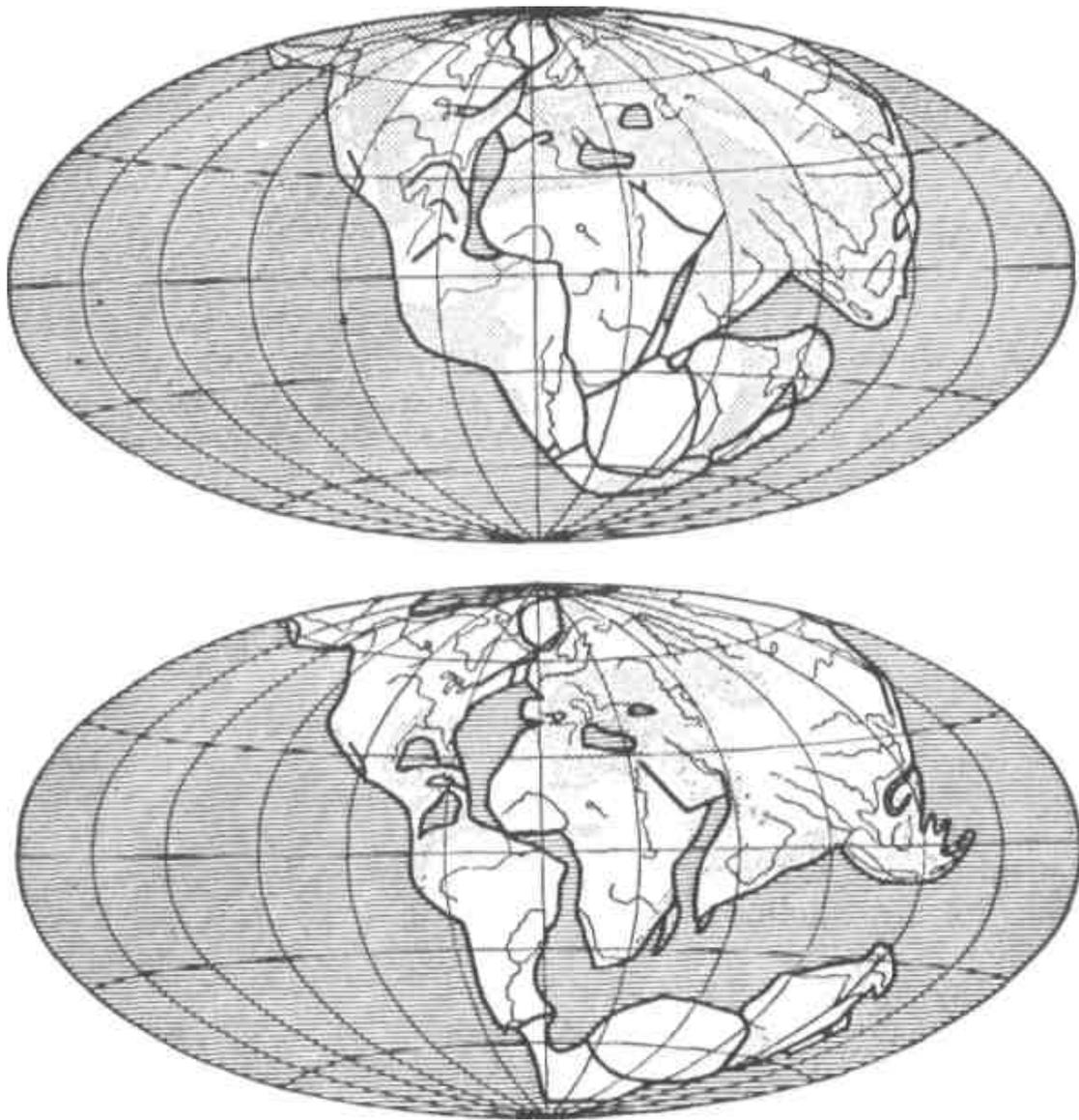


Figure 6. Map of the Atlantic, in the lower tertiary, according to Alfred Wegener.

The Atlantic did not exist, the tectonic plates, strongly deformed and embedded, in each other, stood side by side. In the scheme Wegemer (See the figure above) there was no room for Atlantis.

Regarding the problem of Atlantis matter, however, the question: where has the demarcation line? Even a genius such as Wegener only managed to assume the details of the location of that line, without, however, can rediscover, and even less to prove its effective evolution. Want or not want, Wegener also had to use a certain amount of free will to draw the lines of demarcation, thus, was bound to make mistakes inevitable about its accuracy, which, because of the small scale of their maps, and could bring in several hundred kilometers.

First of all, Wegener thought important to demonstrate that once the eastern edge of North America and Western Europe combined board in the way of how to combine to make acceptable the revolutionary assertion that, in fact, were related between them. Therefore, their schematic maps show a line just about right, not a maybe, really, but

evolved as it should have evolved if the two edges continental, indeed, had combined to the point of a fit in the other. Strictly speaking, this represents a schematic anticipation of an outcome still to be proven and, therefore, in principle, affect the argument.

A civilization, Florescent over twelve millennia?

Also the researchers of antiquity, together with geologists, reject the theory of Atlantis. Although Alexander von Humboldt had emphasized the striking similarity between monuments found on both sides of the Atlantic, it does not get any other conclusion, beyond a vague possibility of missing a land bridge between the Old and New World, or the idea conceived by Alfred Wegener.

Particularly and especially archaeologists reject the passages speaking of the Platonic text in a civilization advanced, supposedly thriving in Atlanta, more than twelve millennia. For them, the descriptions of a dense population, many of the great splendor of royal palaces, the magnificence of the temples, the massive walls, with its sparkling coating, and zinc ores, the wide channels and the facilities of irrigation, they are only exaggeration mythical, fabulous details, which, a priori, invalidate the whole story in it and subtract the last remnants of credibility. However, with this, went unnoticed by the realistic description of the topography of the western Atlantic, which, in turn, certifies the authenticity of intrinsically Platonic narrative.

In turn, the rejection by the archaeologists is also based on a scientific doctrine that says is out of question the existence of an advanced civilization, as described by Plato, in time of twelve millennia ago.

Well, start with a dense population, large, to be assessed on the basis of data provided by Plato on the organization of the army Atlantis, namely: the 480,000 foot soldiers, knights 120,000, 160,000 men to drive cars to 60,000 cars and heavy light, 240,000 sailors, adding nearly a million men carrying weapons.

With a rural population that, like the modern Chinese, and know the agricultural machines and only depended on his skill and manual effort fathoms for the execution of their tasks, the percentage of men in arms may not have been great, failing to harm the crops and, thus, create problems with the supply of foodstuffs. On basis of these considerations, the Atlantis must have counted at least twenty, but, presumably, forty million people.

As reported by Plato, only the great plains to the south of the island, covering an area of some 200,000 km², its "climate of the Azores" was highly favorable and their fertility should be equal to the islands of the archipelago of probe, where, before the arrival of Europeans, from 200 to 300 persons per square kilometer, were tired and quiet living, despite the lack of agricultural machinery and example of that until today, is with China and India. Therefore, the comparison suggests a number density of the order of at least forty, or perhaps up to sixty million people in the southern plains, which offered broad support, requiring so-only methods of irrigation, careful treatment crops and frequent transplantation of plant shoots. If Atlantis existed and was inhabited by an industrious people of peasants, that these were always well irrigate all crops in the field, then absence reason to doubt the Platonic narrative, describing the forces warriors of the island and the number of its inhabitants, indirectly deducted there.

Now, then, to the pompous walls, surrounding the city real. People rich in metals such as the Babylonians, Egyptians, Incas and Aztecs, nothing would have to find those extraordinary works of art. Just remember the dazzling splendor found in the tomb of

the young pharaoh Tutancâmon, very little significant figure in the metal coatings zigurate of Babylon, whose magnificence Herodotus speaks with full knowledge of the facts, then to have it covered, and the teocalli, covered with gold and silver in ornaments and precious stones, the Aztecs and toltecas, and also the temples of the Sun, built by the Incas. And despite this, in the case of Atlantis, is put into question what, so inofismável, was found with other people, even with the Peruvian, enshrined by history as the people who preceded the Age of Metal. " The pre-Hispanic Central America was less rich in gold, their highly civilized peoples continued to work the stone of fire, as was first worked by men Palaeolithic, or chips and polishing it. They were a true tale the treasures of gold, silver and jewels won by Fernando Cortes in Tenochtitlán. The Sierra Morena Spanish, rich in precious metals continues, the island of Madeira, directly to the mountains of Atlantis submerged. Also there must have been shafts of gold and silver, as well as rich deposits of minerals, like as there was there. This thesis is not hampered by the sterility of the mountains in the Azores, because the tops of mountains that now emerge on the surface ocean, were then the height of 3 to 4 thousand meters, and the mountains of the Azores current representing the highest peaks of mountains submerged and therefore are too high to close veins of metal, whose existence can be assumed in most strata located below and which are now immersed in the ocean. The example given by Old Mexico attests that a Palaeolithic civilization essentially equal to the Aztecs during the Spanish conquest, was perfectly capable of working precious metals and mineral enriched. Although they had not found the remains of furnaces for melting Atlantic, it is easy to prove that in ancient times, ovens, melting of natural breeze, were constructed and used in places where less is suspected that they were. Are the furnace to melt the legendary King Solomon, in which the copper was cast for the "sea of metal, the metal altar", the "metal seats, containers, shovels and basins, and for" Jachin and Good ", the two imposing columns, erected before the entrance of the temple. In 1940, an expedition excavated the North American industrial, large size, in Wadi el-Araba, a desert valley in the southern Neguev, near vast occurrences of iron ore and malachite in the midst of huge hills formed by the slag and copper molds for casting, inofismavelmente identifiable as such. Nelson Glueck, the chief of the expedition, surprised by their findings, raised the question: why these industrial parks have been located in the region exposed to storms, from the North, instead of a few hundred meters to the south, which would have been protected by hills, which still had fresh water springs? The excavations themselves charged with the answer, namely: "In the center of a rectangular muramento is a large building. The green color of its walls can recognize, easily, in order to help: it was a furnace of fusion. The walls of bricks of clay bearing openings, arranged in two rows . The smoke and a technically perfect system channels air throughout the complex. On the whole, the building represents a perfect fusion furnace, modern type, designed on the principle that a century ago, reappeared in our industry, under the name of Bessemer furnace! The smoke and chimneys are in exact north-south direction, as the winds and storms in the Wadi el-Araba played the role of bellows. It was well that worked, three millennia ago : today, the fusion furnaces operate with compressed air ... "(Dr. Werner Keller: " und die Bibel HAT Doch Recht "- The Bible was right," Melhoramentos Editions, 1973). Thus, a primitive people, owner of a technical, relatively rudimentary stage, was able to build such furnaces for melting, which are known, used to melt the copper, which has seen the supposed nature, recognize and use the aid it offered free of charge. Factors were so important, only the individual skill and intuition, which prevailed over

the technical means available to men of those times, or it was a good course, possession of which depend on the degree of civilization and before can be found in early stages of cultural evolution, when man is still closely connected to nature, than a later, more advanced.

Furthermore, it should be noted that the ridge of the mountains of Atlas, the volcano, claiming the sky, the object of divine worship and whose crater, when in eruption where the magma fluid transhipped, the Atlantic had constantly before the eyes of a primitive model gigantic fusion furnace, built by the very nature! Therefore, they should have just held that "intuition" as a gift, innate, enabling them to find the fundamental principle of a furnace for melting, accessible to other people, so only by rough tracks of technical progress.

However, even considering all these data, also seem legitimate doubts as to the traditional dating of periods of "early" from the Metal Ages. According to the dictates of the current stage of our progress, we can say that post-glacial in Europe and at the same time, the Near East, there was hardly metals before 4000 BC, the copper must have happened before 3000 BC and bronze, presumably around 2000 BC

Comparison of artifacts, relatively rudimentary and the beginning of the Mesolithic period, such as hooks and harpoons, microlites geometric, badly finished, swords, tools to scratch and punch, made of horn and bones of reindeer and used in civilizations Tardenoisiana and Capsiana with products of high quality end of civilization Magdaleniana, such as strip-shaped leaf of laurel, spearhead, saw blade, microlites, as well as hooks and harpoons of bone and horn, finishing neat shows before a setback in Mesolithic artifacts of preparation, for purposes of dating the Palaeolithic period. This clearly contradicts the prevailing idea of progress of continuous cultural development. Therefore, the Mesolithic period is now considered as "gap", regression, time interval between two cultural, markedly different, which was the period of the glacial upper Palaeolithic, the Neolithic and post-glacial. This setback only if cultural explains as a result of interference in the natural evolution, expressed in parts found in archaeological excavations. Moreover, the archaeological findings do not confirm the hypothesis of continuous cultural development, without solution of continuity, but rather the opposite: the effects of a profound interference in daily life, with a simultaneous change in the glacial climate in the post-glacial. These two synchronous processes not only may, but shall be made in reciprocal causal relationship. In this respect, the change of climate and the factors that led to represent the cause of interference in the life of the day to day, as evidenced by artifacts dating from that era - and not vice versa. The truth is that such a change of climate as to cause the retreat of continental glaciers ancient, deeply affect the living conditions of people of that time of transition. Equally certain is that the cause of a transition of such proportions, changing and incisive way, the climate of the whole earth may not have been a common phenomenon, but probably a disaster.

If there was such a disaster - and, if so, those findings represent a first proof positive that negative - it may well have eradicated the legacy of a previous advanced civilization, Neolithic, and that complete eradication may have been the point of the modern research pre considered as a historic-almost nothing that it remains in archaeological findings. Also for this event, the days of today that could provide a proof. Please God, if only theoretical. Suppose that a war survivor atomic bombs and hydrogen, carbon and cobalt to destroy life in the most part, in today's major centers of civilization, the cities would be destroyed and all documents, recording on paper the contemporary knowledge and progress, would be burnt ... What would happen then?

Then, after the disaster, the few survivors in remote areas, spared apocalyptic horror that would have the huge task of starting all over again, on the wreckage of the past, starting from point zero. Many millennia have passed and scientists in the distant future just got to

compare the findings, remnants of that time of disaster, long forgotten, with other findings, dating to the centuries that followed it. Scientists said the initial findings and then more advanced than the latter, but still do not consider as evidence for that in a past so remote and that it is for us the present, there would be something called advanced civilization. Probably, despite our current technical progress, of which all traces would be erased, the trial of our present time does not differ much in that now and we decided on the time of the end of Palaeolithic period.

For while the seabed is still guarding its secrets. It is a minimal chance of recovering metal products or other evidence of a civilization disappeared, through the underwater search. It would be the same as getting a shot in a fly, in a dark room because it is not known with sufficient accuracy, where the search and would begin to fear that the ash and lava were covering with a layer thick and hard, what is being sought, would go in search of a prehistoric Pompeii, to 3,000 m below sea level.

Indeed, so far not found any trace of the legendary treasure of silver, gold or oricalco, but few were the searches undertaken for this purpose. Despite this, H. Pettersson says in his book said "ATLANTIS und Atlantik" - Atlantis and Atlantic, that something was found, saying: "A vague indication in this direction was the finding of a single link in a thin stream of copper, recovered from the mud at the bottom the sea by a station in Monaco, the South West of Santa Maria (one of the Azores islands, the N. A.) ... " Also this finding is coincidental to integrate the archaeological evidence, which, for purposes of the Palaeolithic period, certified a culture more advanced stage than is usually assumed, in accordance with our current concepts ultralineaes concerning the progress of civilizations.

Therefore, the proof of the existence of a large island in the Atlantic and the catastrophic loss, it will be of greater importance. Is the Atlantic were a civilized people?

The massive construction works, described by Plato, could serve as a cornerstone of this thesis. Back to primitive times the origin of giant constructions made on land, in the valley of the Mississippi River and other U.S. regions, such as Monmouths, configuration animalesca, snakes, jaguars, in sizes of hills and mountains. No idea of who would have built, but there. Its existence can not be called into question, as neither of the island of the Atlantic, with all its submerged huge works.

Also, work on earthworks and irrigation made in China, Insulndia, India and Peru, also showed examples of an original technique of construction, however, fail to receive proper attention. The conformations of sandy-clay loam in China, rice in the empires of Southeast Asia, everything was done by the hand of man, without any mechanical device. Also there, apparently without effort and without fanfare, the primitive technique moved billion cubic meters of earth and continues to move them.

Plato reports of what works on land, executed in Atlantis, it is of tasks, from earliest times, for rural communities, employing means and methods of the most primitive and continuing to use them. What there is nothing exaggerated. So, what is impressive and commands respect the proportions are not quantitative, but the mental skills and vocations. Those irrigation systems and pipe reveal a simply great design. With a minimum of expenditure is obtained by a maximum of success, and it is precisely this

which certifies the degree of mental progress, cultural and civilization, and drapes achieved by implementing such works. However, this also corresponds to the planning of everything mentality totally dedicated to the life of rustic primitive times. If that concept were able to achieve huge, then they are at exactly this field of activities vital. The fertile land was the first raw material from which the man was served to his works great. Therefore, the first cultures arose in the alluvial land of the Nile, the Euphrates and Tigris, the Mississippi, there where the original material of construction existed in great abundance.

Nobody could doubt that the vast plain of Atlantis had this precious material in quantities equal to those in other countries primitive but best known of the first human civilizations.

A light coming to the West?

At the time of humanism, the ancient Greco-Roman was considered the most advanced ancient civilizations. Then, we discovered the Ancient Egypt and the even more ancient civilizations of Mesopotamia, the "onionskin" the hill of Troy, the palaces of Minos in Crete, and so on. Always had to learn again, anew. However, in what was always a point peaceful, unchanging: the place where ancient civilizations flourished all these is in eastern Europe. The fact also the sun of human civilization was born in those regions, emerges as an act of cultural memory and easy to understand. However, it really a law, or just an illusion?

In several places around the globe and were still found to be evidence from these schema. They include setting up the huge mountain animals in the valley of the Mississippi, as well as the civilization of wood and bone in Novaya Zemlya, the enigmatic works on the banks of Lake Titicaca and many others. Nobody knows the secrets kept by the virgin forests of Mato Grosso, the jungles toltecas and imensidões green along the Amazon River. Does this fit the idea, proclaiming that those regions of the west end of light penetrated the eastern civilization?

There evidence showing that, exactly, between 20,000 and 10,000 years before our era, emerged in the European species of human evolution clearly superior. This is the man of Cro-Magnon, Homo sapiens of diluvial, whose restoration is being attempted in the plank and set the 8th

The findings of bones and artifacts that allow us to conclude the existence of human beings in primitive times, are increasing and so remarkable, in large valleys, leading the East to West, the river Guadalquivir, Tagus and Douro, Charente, Dordogne and Garonne, all leading in the Atlantic. From which these new forms?

In the years of 1969/70 found in Tierra del Fuego the "tomb of Pall Aike", closing a skeleton of more than 10,000 years old, for the first time, was recognized a man of Cro-Magnon and so certified the presence of human kind in South America also Assumed that such natural human being of Europe, these findings should proliferate toward the European center. However, what happens is exactly the opposite, because it dominates the man of Neandertal prototype of a real European. Thus, the man of Cro-Magnon can only have arrived in the west, the Atlantic by sea, must have landed at the mouth of rivers, and climbing them, entered the heart of Europe.

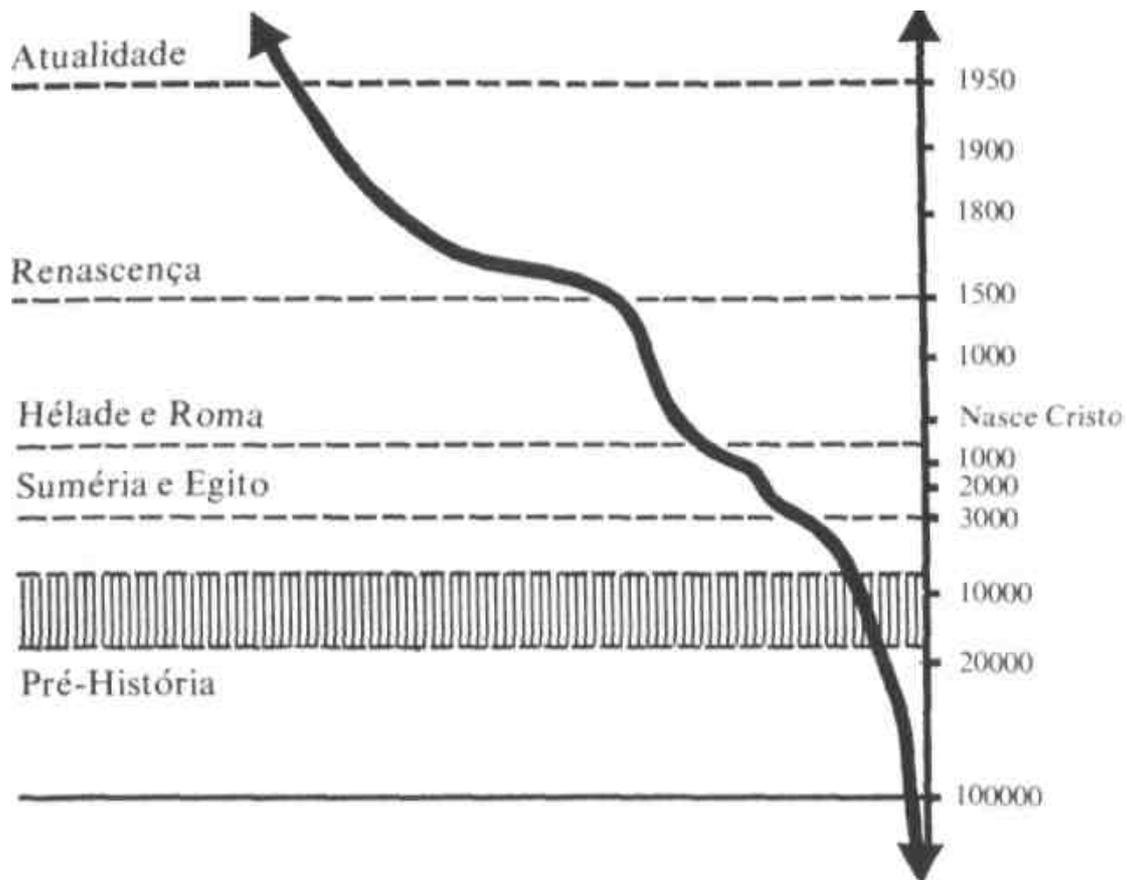


Fig 7. A hypothetical curve of cultural evolution, according to the theory of evolution shows, approximately, the official doctrine of cultural evolution of mankind. Begins with the point zero in time ahead of time, with the supposed origin of man from the animal. The civilizations of the Sumerians and the Kingdom of Ancient Egypt, Greece and Rome, the Renaissance, epoch in cultural progress. Since then, civilization is the evolution curve upward. Of course, the thesis of an advanced civilization in Atlantis (see dashed range between 20,000 and 10,000) is not consistent with this conceptualization. However, is that official curve shows a situation of fact?

The Figure 8 illustrates the hypothetical migration routes, marked by the graves of Cro-Magnon man, totally different than the man of Neandertal and by findings of weapons, finished with more care and far more significant effect, with which well could have forced a withdrawal to the Alpine redoubt, the last, so the lower arms of the invaders. This process, continued over the millennia, can be reconstituted with reasonable degree of probability, based on the findings made in the soil. They prove the argument that the man of Cro-Magnon came from the West and not the East, where the sun rises, however, is assuming that Western descent, it must be concluded by its origin from a country in west Europe .

The attempt to reconstitute reveals a remarkable similarity to Cro-Magnon man of the Indian; equal to the latter, also the Cro-Magnon era of high structure, building strong, muscular, an athletic type, in constant motion. To judge by the many findings from their giant bones, representatives of human kind should have been red-skins for excellence, embodied the prototype of the American Indian.



Figure 8. The European colonization of the Southwest. On-line features: limits of the continental shelf. Thick line, continuing: current coastline. The arrows indicate the direction followed by the migration of man from Cro-Magnon, from the river deltas and penetrating into the interior of the continent, as evidenced by findings of bones and other pieces, dating from Upper Palaeolithic. All immigrants came from the west, the Atlantic, of Atlantis, in cave paintings appear as red-skinned men - "proto-Indians."

From where the proto-Indian came to Europe diluvial?

Thus, there are only two possibilities: either came from North and Central America, to 4,000 km away, or come from Atlantis, the only 1500 km on the European continent. Moreover, Plato describes how supposedly, under the Atlantis, just those regions where, later, was still being done and the largest number of findings of the Cro-Magnon man. If those early settlers had come from Atlantis to Europe at the time largely under the glaciation, then the traces of their culture, those left pest European, not at all be considered as representing the degree of civilization reached in the island of Atlantis, for what within the European continent was only a pale reflection of the culture Atlantis. However, at the time, then all life evolved around the activities of hunting, taking advantage of the abundance of hunting in the virgin forests, for example as was later used by white pioneers in North American prairies. They resemble

mammoth of the indiscriminate killing of herds of bisões in the Americas.

Also, does the existence of primitive hunting peoples who, until now, living the Australian deserts, the virgin forests of Central Africa, Ceylon, Borneo and the banks of the Amazon, would conclude that their conditions of life were found in all the rest the world? This conclusion would be wrong understood only when taken by individuals who never went out of its natural reserves and never had contact with more advanced civilizations.

Moreover, it would be wrong to assume that the early findings Europe, dating from the end of Quaternary period, were decisive for the rest of the world. They do not constitute valid evidence to counter the possibility of being higher than the degree of civilization in the land, which the man of Cro-Magnon came to Europe in comparison with what it found.

Who has had the privilege to see and admire the beautiful cave paintings, the end of the Palaeolithic period, should be surprised by the strength of their artistic expression, the perfection of its representation, and the magic of the general impression, conveyed by them. Do the authors of these works of art, often equalized, would have been forest? But his talents had not finished there. The famous spearhead, in the form of a leaf of laurel, Magdaleniana civilization, the wedges and the knife blades, and finishing of neat setup, cut, manually, the stones of fire, yet do not represent the products of a process of polishing semimecânico, adopted in the Stone Age, but works created in a very skilful and intelligent processing of raw stone. Moreover, the degree of skill and intuition necessary to create those pieces may well be judged by those who try to imitate with their own hands, which made the alleged forestry, ten to twenty millennia ago. This practical process of reliving the past remote allows a proper assessment and safe.

When the caravels of Christopher Columbus drop anchor off the coast of Guanahani, there were a primitive civilization of "forestry docile." However, when the conquerors of Fernando Cortes found in coastal areas, the periphery of civilization Totonaca, and a short distance from there, the plateau of Anahuac, an advanced civilization, they were astonished with the flowering of these crops that far, exceeded the they knew in their homeland in Spain and Portugal. The barbarians were they, the conquerors, not Indians, the won. Similar differences should have existed between the life of pioneers, led by the few settlers of Atlantis, Europe, or the men whose bones, found in Cro-Magnon, gave name to a kind man, on the one hand, and splendor in the heart cultural Atlantis, evoking the riches of Tenochtitlán and Babylonia, on the other side.

Also, you could deny the existence on the islands of Java and Bali, there arise long before the first white man, an indigenous civilization, primitive in their technical aspect, but advanced in its spiritual aspects, psychological and artistic, when concurrently in the neighboring island of Borneo prevailing customs of barbaric hunters-to-head? Then the man continued during the hunter and collector, as happened in Europe at the end of glaciations, there, in the center of Indonesian civilization, flourished a civilization similar to that allegedly would have blooming in Atlanta and produced stunning works, flood of charm to all who came to meet them.

Therefore, if to judge on a point target, the lack of findings, demonstrating immediately, to worship in caves in southern France and Spain, which the installation and decoration, dating back to times much more remote and could well have continued in that state, can not be regarded as an argument against the existence, in Atlanta, what, in vain, is being sought in the peripheral areas of Europe.

Remains a mystery involving the conditions under which indigenous cultures have to

evolve, it is rare phenomena, subject to certain place. Oswald Spengler noted, and with fairness, the nature of vegetative development. By its own standards, flourishing in a specific location that offers the exact and peculiar conditions, which require for their existence singular and specific.

Moreover, advanced civilizations are luxury products; its flowering requires abundance, because the shortage wilt and die. They are the wealth condition of the soil. Evolved and blossomed in this environment, preferably in places of dense vegetation, largely guaranteeing the livelihood of its people and producing more than necessary. We find them in the Nile valley, fertilized and watered by the sacred river, the alluvial lands, the fertile Euphrates and Tigris rivers, the landscape of sandy-clay loam of China, at last, always and only in areas of lush vegetation, Viçosa.

Europe and the stages of glaciation was not part of those regions. A narrow strip of fertile their land was located between the southern alpine glaciers and vast icy expanse to the north, down to 52 ° latitude. And even this small band was still all wet with the waters of melting, accumulated in ponds, puddles and swamps, so far as is demonstrated by the Siberian tundra, a representative landscape of Europe in the stages of glaciation. Although it was ideal for hunting, European soil was not suitable for horticulture and the works of construction, and therefore gave rise to a culture of hunters, but failed to produce an advanced civilization, which is a prerequisite sedentary people, done a fertile ground. The findings made in soil confirm this diagnosis.

Different conditions prevailed in Atlantis. There was all concentrated in a generous nature could offer a privileged country: ideal climate, favorable location, in a sea of warm water, strong sunlight, abundant rainfall and, consequently, fertility almost tropical.

Reality, Yes - Legend, No!

Evidence in the field of Natural Sciences, accurate evidence for effects still susceptible of registration and control, and whose origin may not be other, than the existence of a huge island in the middle Atlantic, the possibility of characterizing, in our Nowadays, Platonic resuscitate the narrative, such as real tragedy of humanity.

So far, the demonstration of the exclusivity of the cause, condition required, adjust title, which was lacking for the arguments presented. This statement could well be the existence of the large island, but also on other factors, such as a continent-bridge, a remote country.

Therefore, the exclusivity of the cause must be characterized in a well-defined. Since there is a point in favor of such a definition: the main topographic data of the Platonic narrative had confirmation surprising, with the rediscovery of America. Indications of Plato, for locations, locations and dimensions, is all confidence. Plato described Atlantis as a large an island of vast extent, for both, Alfred Wegener introduced the technical term for turf mainland. This is a fact of decisive importance. Otherwise, it is a relatively small island, like one of many cubes scattered in the Pacific Ocean, from the beginning, would be equal to zero, the chances of it Reencontrá or present evidence of his supposed existence. In regions subject to seismic tremors, the coming and subsequent disappearance of volcanic islands are routine phenomena, and to both the Pacific became pro-verbial. However, in the Atlantic near the island of Fernando de Noronha, in Brazilian waters, emerged in 1931 that two islets disappeared however in good time, before they become subject to dispute the powers concerned. Atlantis has

also been equal to such an island, or that Sabrina Island in the 80s of last century, was of the waves for a few hours later, to make disappear, it would be totally useless any attempt to begin to find it .

Also, an island is a large chunk ground and more stable. If it raises above the waves and is not just a shallow shoal water and if the location permits, it can influence characteristic, and long lasting effects on the sea around you. And the dip in the ocean, it produced a tuck it could hardly go unnoticed in the context of terrestrial geology.

To better understand these linkages met first, a question seemingly primitive but important, namely: what is an island, under the geological point of view?

An island is a fragment of turf, a segment, once desprendido the edges of large tectonic plates, the hard granite, according to the movements of removal, exercised by those boards and therefore lower than that usually present thickness of the turf. While the large chunk, and plate tectonics, penetrates up to 40 to 60 km in the substrate of Sima, dense and viscous-plastic and, according to Alfred Wegener's moves to slow secular, away from the horizontal direction in the little islands Sima is deeper in, getting on its surface. To stay within the terminology of Wegener, if the cubes float in the Sima, like glaciers into the sea, islands float like corks there. Therefore, due to its volume rather than mass, the islands accompany fluctuations in the level of Sima, so much more rapid and significant, than do the large tectonic plates, massive, heavy and motion ultralento. Depending on specific conditions, an island would sink, but a continent can not simply dive to the bottom.

Strictly speaking, those islands of type Sabrina or two of those, no name, emerged and disappeared in the vicinity of Fernando Noronha, and are not pieces of balled and therefore should not be called islands, but represent the peaks, temporarily raised, a submarine volcano, or any other increase in the substrate of Sima, the ocean bed. The Atlantis, in turn, was a real island, a chunk of relatively low thickness, presumably desprendido double plate tectonics, Eurasia, where, early in the third period, the board moved away towards east.

Always and in principle these islands not only legitimate hit, but still up on the bottom of the sea, penetrating a few kilometers of the substrate Sima. Sometimes, are the tops of huge submarine elevations, like the Azores. However, in nature there is no floating islands, there are only those made by the hand of man, of reinforced concrete and serving as platforms for the drilling of oil wells in shallow marine waters.

Now to deal with the effects of surface, produced by a large island situated in the midst of ocean, in its capacity as clod of earth, alone. Their presence interferes with the movements of the sea, the larger the island, the greater the extent of such interference. Wind and storms lash the vast ocean surface, its wind ripple the mirror of water, causes the waves and been accumulating, as the speed of the winds, is pile up, rise up high and down to deep valleys. Besides these undulating movements, caused by winds, blowing hard and in different directions, there are other current, more rare, but constant. Are caused by periodic winds, blowing with uniform speed and always in the same direction, called the monsoon. In this case, it is a continuous running surface.

From which the monsoon?

The earth rotates on its axis north-south. He transmits this movement to the rotating layer of air that surrounds it, to our atmosphere, but there is some loss in transmission, which in turn, causes a certain delay in the movement of the envelope of air, compared with the area of the equatorial belt, where the rotation is faster, going from 400 mp /

second. This delay produces the constant east wind, prevalent throughout the tropical band (except in the area of calm, just on the equator, which, however, it matters little to our topic).

In northern latitudes the circumferential speed of the earth diminishes, so the atmosphere there, brought by tropical air, for cutting forces, Southern, begins to win the race and those areas of change in the direction of the winds westerly winds prevail. They produce a regular flow of wind at sea surface, easy handling, sea currents in parallel with the air. The east monsoon in tropical waters lead the current to the west and vice versa, in the higher latitudes, there is a current, east. Both complement each other to a closed-circuit, as shown in Figure 9. These movements of water always and in principle are originated on the surface of the sea basins, surrounded by continents. However, not all times are regular as in the case of inferred from the schematic framework in hand, essentially correct in their little tracks.

Also the Atlantic Ocean is such a sea basin, surrounded by continents, on both sides, and is also cut by such flow, regular. One, known as the Gulf is famous for its natural potential. Its range of blue waters cut across the bed of gray and cold waves of the Atlantic, in an extension of hundreds of miles, between 34 ° and 43 ° latitude north, in west-east direction. If there were, in the midst of the Gulf, a large island, the waters of that gigantic river blue, sometimes directed to Northwest Europe, would crash into the west coast, and it would be diverted from its path, forced to turn in large curve to return to the West.

[OBJ]

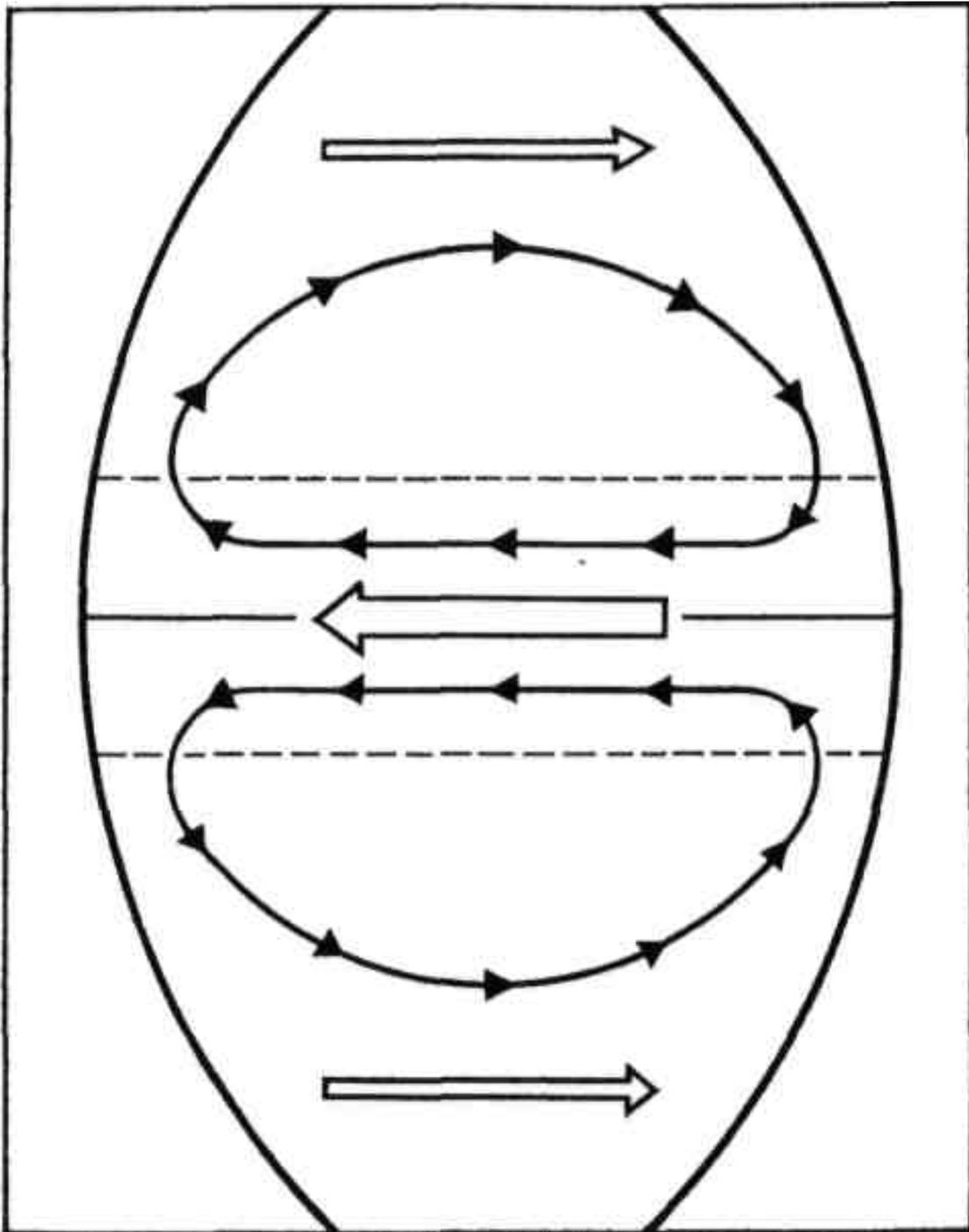


Figure 9. Movement of water in a sea basin scheme ideal. Joining their forces, the east monsoon and the westerly winds, prevalent in the high latitudes, produce two swirls of water between the two continents, in a position symmetrical with respect to the equator. The energy consumed in this movement is provided by the sun and the spin of the Earth. Because of the irregular shape of the coastline, the effective movement of water is a little different from that shown in this idealized diagram. - Straight line (the middle): equator. Straight lines in traces: tropics.

The weather can spell out the consequences resulting therefrom for the regions situated to the north, which eventually could allow for verifying that, at any time, there was this diversion of the Gulf. With this, a clue to the remote past. However, the scope

of this trail lead to the goal target is subject to the contingency of the island, in fact, was situated in the midst of the Gulf and not to any other place. In the narrative of Atlantis, Plato does not provide very accurate data about their location, he reported only allows the deduction of the Atlantis was located in a region west of the Atlantic, more or less able to Gibraltar. Ceases to be a direct reference, accurate to the Gulf or its vicinity.

On the other hand, can be verified by research, is the climate of northwestern Europe, known for conditioning the Gulf, where it was equal to what is currently finishing up there by a current of warm water, to the western edge of Europe, or is there once the weather was different, allowing the conclusion that, at some time, the Gulf has been captured and diverted from its route by an obstacle then existing in the middle Atlantic and now disappeared.

The subsequent investigation, based on this supposition, refer to expressly and exclusively to such a hypothetical blockade of the Gulf. For now only appropriate as the existence of such a blockade would affect the climate of Northwest Europe and, in the geological past, there was a time to be specified, scientifically, that undoubtedly reveal the signs of these influences.

That is what this is.

At this height is of secondary importance regarding the question of such a blockade of the Gulf or not be identical with the island of Atlantis, narrated by Plato. For now it does not matter whether the blockade of the Gulf had a name and what was that name.

In the Gulf and the isotherms

Strictly speaking, is called the Gulf Stream the party that, originating in the Gulf of Mexico, the huge current cyclical shipping in the Atlantic, twice across the ocean, in a total length of 20,000 km. It forms a loop, driven by energy from the wind and heat. The current has its beginning as current west, in the tropical Atlantic. Then is taken by the east monsoon, blowing from the area of Guinea, heading to Brazil, heading straight to the nose, pointing eastward, the head of the giant Brazilian triangular plate. The Figure 10 shows how the nose divides the waters that beat against it. As the nose is located in Brazil, approximately 10 ° south latitude, it diverts a part of a water body from the South Atlantic, the Northwest, the North Atlantic. Above the equator, these waters meet with the current parallel, addressed to the North. Thus, the mass of water towards the coast of Central America are being enriched and to an appreciable extent, with the waters of the South Atlantic, which increases in its very strength and power. Already in that area, the quantity of water that gather there, beyond the existing in all the rivers of the earth.

Taken by the east monsoon and due to its high salt content, the current color of azure climb the north coast of Brazil, always pursuing toward northwest. Then the first time, is being diverted from its original direction west, starting his turn. She floods the vast delta of the Amazon River mouth, all covered with jungle, dams of the largest fresh water of inland rivers. Breaks the bow, formed by the West and through narrow opening between the Lesser Antilles, enters the Caribbean Sea, where also the first time, their waters are trapped between the Antilles to the north, the Iucatã and Mexico, to the south, in an area of little depth. It is difficult to find the exit. In slow, always slow, the current, this process will be burning, through, first, the Caribbean and then the Bay of Iucatã. Gradually, it expands and loses in depth. Already in the Gulf of Honduras, its waters are the first heat treatment, but still beat the estreitíssimo Strait of

Iucatã. Then there is the wide gulf, nearly circular, Mexico in order to ask for a stay there.

[08]



Figure 10. Map of the Gulf (scale 1:70.000.000). In the Gulf originates as a running west from warm tropical waters, between the west coast of Africa and South America: taken by the east monsoon, continues to the Caribbean Sea and Gulf of Mexico, where it is diverted, and leaves the North American east coast and warm running east, through the framework of the Azores, off the coast of England to the northern regions of Norway.

Its coast curve requires the current sea of idle, lazy, to make a shift of about 90° . Under the pressure of the current, its water reservoirs are on a slope of about 30 cm. Clearly the contragosto the Gulf allows the output of the chain that bears his name, by the Straits of Florida, through Cuba and the Great Bahamas Bank. Due to the low speed of water in the Gulf, which forces the current to turn, there it is similar to water stops and must remain there for long, before being compelled to continue on its roadmap. Thanks to this delay, the low depth and the hot sun, rain, in the Gulf of

Mexico, the water already pre-heated, pass through another and more intensive heat treatment, while still increasing its salt content highly, while blue algae, halophilic, give them a beautiful blue-sky, brilliant. Thus leads to the Gulf, hydrologically mature as a closed body of water. Despite its greater density and temperature due to its high, at first, the water of the Gulf remains lighter than the waves of lower salt content, fluid, gray and cold North Atlantic, where it enters through Straits of Florida. From this point, the sea current, there often called the Florida Current, continues in the direct vicinity of the east coast of North America, which is diverted from its course north to the northeast. Only the height of Philadelphia, the current still superficial, shallow, with a temperature of 20 ° C, during the coldest months of the year, reaches the area dominated by westerly winds. Finally, the lead-west monsoon in, ultimately, on the east-northeast, making it as soon return to high seas. Under the action of the west winds, the waters of the Gulf is in the form of open range, and a blue strip, hot, cut the gray waves and cold North Atlantic.

With this win in the Gulf width and power. In its edges absorbs the water cooler and less saline Atlantic. Arriving in the Azores height, its width is nearly 800 km. Throughout its route, straight to the west coast of Europe, the current is gradually sinking into the ocean because of its cooling, caused by algae around you and therefore make it even more cumbersome. However, the warm body of water, saline and highly viscous, continues as such in its path and Western Europe to its current principal is already at 800 or 1,000 m below sea level.

Throughout his journey through the North Atlantic, this acts as an accelerator sinking as genuine impulse that formidable body of hot water. For its thermal capacity, the current still lighter than the waters that surround and the slow loss of heat gives you the option to develop in the ocean, acting, thus, as a reserve of fuel. She travels in a track editor, really ideal, with slope 1-5000, through the great ocean, separating the Old World to New. Continuing along the west coast of Ireland and Scotland, enters the Irish Sea and the English Channel, while his emissaries still reach the western coasts of France and Spain.

In the last stretch of their voyage, to the Gulf is becoming ever more broad and similar to the sea, more cold and slow. The head of a lion from Scandinavia takes a narrow arm of the Gulf to Norway to the Gulf of Categat and the Danish islands. The bulk of the water accompanying the Norwegian fjords, and through the Northern Cape, reached the Barents Sea. Here, then, the Gulf suffers its last loss of heat and power, and penetrating into the ocean bed, totally cool, for a change undercurrent. It is there where reaches its point of return. The west and north of Spitz-bergen, the current makes the climb to the surface of the icy waters of the Arctic Ocean, and west of Greenland Current, the cold water and little salt, continuing along the east coast of that island giant, driving for the south and taking a cold climate with strong winds. In nothing, absolutely nothing, then remember the Gulf.

This is the approximate description of the Gulf, the most powerful of all the rivers of the globe, of length equivalent to seven times that of the Amazon River and that in the words of Florida, moves into his bed about a hundred million tonnes of water per second, which is much, but much more than the total of all the rivers into the sea. In its edges record is spontaneous thermal discharges. For example, when a ship is the bow and stern was within the range of those blue waters, these two points may well acknowledge occasional differences of temperature, up to 12 ° C. It is thus surprising and remarkable that the body of warm water retains its integrity.

And this is where lies its importance: the Gulf to act as a carrier of hot water and

heating to Europe. However, the climatic effect is not so-only in the transport of warm water, which leads to it, across the Atlantic, of greater importance is that your attribute, which was called "Queen of the Storms." The body of hot water, closed and of great extent, takes as a carrier tape, the winds of the wet rain. The anticyclone following its trail. They determine the weather in Europe, always when the weather service announced bad weather, storms and rain, indeed, come from the northwest of the Gulf. The heat of the water, the humidity of the hot winds that accompany, compete to have a mild climate, humid in the West Europe, to the more northern latitudes of the continent.

Those are the two positive factors, to which the regions, bathed by the Gulf Stream, its climate should, called the Atlantic. It is a gift of the Gulf and a privilege of inestimable value, especially for the North West Europe.

The average elevation of air temperature, calculated on the sea level, has been used as an index characteristic of the climate, it represents a value arithmetically quantitative-friendly demonstration. His determination is made by the record of average annual and monthly, which allows a clear and well defined climatic conditions and their changes, subject to the seasons.

For the month of January, the coldest in the northern hemisphere, this index is 5°C positive, in the West of England, to Labrador on the east coast of North America, located in the same latitude, the average is 10°C negative. This difference, highly sensitive, 15°C shows, immediately, the strong influence of the Gulf Stream the climate of England, received with the Gulf Stream, which is not the case with the Labrador, located outside the route of its warm waters. In July, the summer European and American, the air temperature rises to 17°C positive in the West of England, and only 10°C positive, in Labrador. To the west of England, the average annual air temperature is 10°C positive, the Labrador is 0°C . In Labrador, the oscillation of the annual air temperature is 25°C , when the West of England is only 12°C .

In summary, the Labrador, the route out of the Gulf Stream, shows the typical continental climate, with its storms and extreme fluctuations in temperature, making that land a subarctic character. England, at the same latitude, is much more mild climate, sea, without large fluctuations and is thus privileged with the passage of the Gulf in his back.

This privilege, derived from the passage of the Gulf, is of extreme value material. The northern limit for the commercial cultivation of rye, not prepared to resist a very intense cold, is located in latitudes north of 50° to North America, and 70° for Norway, recording is therefore a difference the order of 20° , in favor of the latter country, benefited from the passage of the Gulf. The conditions are identical to the cultivation of wheat and potatoes as well as for the establishment of horses, mules and sheep. The inhospitable regions, where the sleigh, pulled by dogs, prevails as the preferred means of transportation, starting in the north latitude of 55° in North America and 70° in Norway.

All these climatic factors that facilitate daily life, allow the culture and civilization, create prosperity and property, are present in the Gulf, offered at their favorite, the Western Europe. It is perfectly legitimate to say that the fact that these regions have achieved cultural progress before they were conquered by the Eastern North America, is due solely and exclusively to the Gulf.

The influence climate becomes more clear and sharp as to characterize it, is used to test methods, developed by the weather. Are simple and easily understood. For practical reasons, already-mentioned, they use to show the characteristic data of

measuring the air temperature that, regardless of their topographical conditions, are calculated on the sea level. It differs from the immediate reading of the record of the values and the average daily, monthly and yearly, with the early findings. Including the values lend themselves to characterization of the climate within the scope of work that our subject matter, these values are well understood and provide valuable information about the global distribution of hot air.

The geographical points recording the same annual average temperature of hot are connected by lines, called isotherms by uniting similar places where temperatures prevail (on average). The drawing shows these lines, immediately, the climate and, thus, what is required for answering the following question: in what way the acts on the Gulf Stream the climate in northwest Europe?

The Figure 11 shows the isotherms within the North Atlantic. As was to be expected, in tracing the isotherms follow the general direction of the Gulf, with which the average annual air temperature rises, so, in west-east direction, the above preference conditioning with climate that benefits the west coast, receiving the warm waters of the sea current, compared with regions of the west coast, than receive.

This rule is demonstrated so well expressed by the zero degree isotherms, specifically highlighted in Figure 11. As its name indicates, the lines connecting the sites, whose average temperature is exactly zero degree. The track is of particular interest to our subject.

The isotherm 0° leaves the east coast of North America, from 50° north latitude, the time of the Terra Nova. Ali had come close to the Gulf, that push, abruptly, to the north, making it around the southern tip of Greenland. Then, through successive latitudes, it rises to the Scandinavian peninsula, and just beyond the Arctic Circle, approximately 75° north latitude, makes its return.

This broad curve, open, in which the isotherm 0° evolves over more than 25° of latitude, above the areas of climate privileged, demonstrates, and so expressive, as the North West Europe has the unilateral favoritism and denied by the Current Gulf. It is said that there can be seen as the current sea offers all gifts with a maritime climate, moderate, characterized by a warm and humidity, just the places linked by 0° isotherm, taking into his back a large real " bag of gifts. "

What would happen if, suddenly, to leave the Gulf to pass through these pest? Then, the cornucopia and abundance would be closed over.

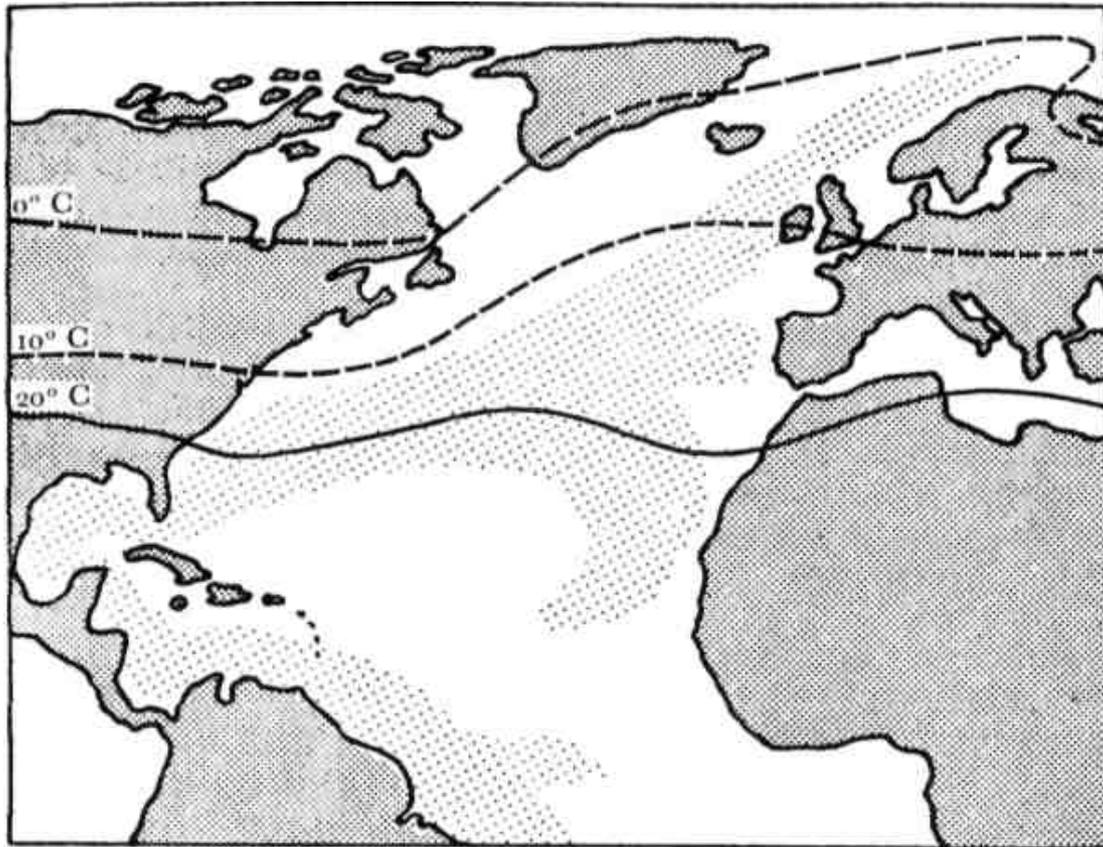


Figure 11. The isotherms in the North Atlantic hodiernal (scale of 1:70.000.000). In the Gulf appears in the Atlantic. The system of isotherms in the North Atlantic is represented by isotherms of 0°, 10° and 20°. The isotherm of 20° accompanying the first major contingent of the waters of the Gulf and then follows the African branch, returning to the South, to continue on the coast of North Africa, the mountains of the Great Atlas. The isotherm of 10° more or less follows the words going off in England, and the isotherm of 0° defines the peripheral effects of the last stretch of the Gulf Stream at the point of return to the North. Result: The total and markedly isotherms follow the Gulf Stream.

The climate of North West Europe would be profound changes since, with the passage of the Gulf, disappear for the weather conditions favored and, thus, the cause of the current framework weather, abnormal. In this case, the example of North America and Asia, the isotherms should be approximately parallel with the meridians and therefore follow the west to the east. The isotherms of zero degree rise between 45° and 50° north latitude. This would eliminated the sinuosity isotherm north of 0°, characteristic of the current weather and end table would be great abundance, brought by the Gulf Stream: A Northwest European climate preference would have reached its end. This climatic difference, for now discussed as a mere hypothesis and illustrated with the design of the isotherm 0°, certainly has enough substance to serve as a criterion to judge whether the Gulf, where and at all times, would have directed the North West Europe, or once had followed different course.

Nor is there doubt that the Gulf Stream carries its banner azure destination climate of North West Europe. The routes of isotherms close perhaps the solution to our problem. The trail leads from the Atlantic to present the remote past, back in time, far

beyond the few millennia historically palpable.

In the Gulf and the Quaternary Period

The causal link between the privileged climate of North West Europe and move clear of the Gulf Stream is fully clarified. While there, spend the warm waters of the Gulf, prevail the moderate climate and high annual average air temperature, as is prevalent during the historical times.

Of course, this does not exclude the possibility of hypothetical, in other times, the climate was different, perhaps, more harsh and cold. Therefore, the next query for information to be sent to experts in paleoclimatologia should be formulated as follows: Are we, at any time, there were sudden drops in temperature in North West Europe and in the context of our climatological assumptions, any such loss could be considered, certainly, as caused by the absence of the Gulf, during a specific time? Many specialized disciplines cooperating in order to be successful, for the purpose of rebuilding a distinct in every detail, the behavior of the climate during the recent geological past. The Geology and Paleontology determined and time horizons, whose determination was based on the known fossils of orientation. It is worth emphasizing, especially, the collaboration provided by Swedish researchers, such as Geer and Sernander. The analysis of pollen given basic data of great value, and makes a realistic idea of the dominant flora and conclusions of the climate to her problems. The following table, summarizing the primitive times, is not intended to be complete, - it would be if the scope of these exhibitions - but be correct.

TABLE OF CLIMATE IN TIMES PRIMITIVO

Period	subperiod	began in approx.	Type of climate
Holocene	Quintenúrio	Present	postglacial
	epiglacial	2000 B.C.	Temperature decline in 5000 10000
			great
			sub-boreal (cold)
			Quaternary glacial stage last 20,000 steps of glaciers

In order to give intelligible content to the terms of the short table above, meets to review the climate of northwest Europe, in "flash back".

In a quick glance back, moving from the Iron Age, the climate harsh, enter that in the Bronze Age, at least on the climate issue was a prime time. Then, throughout Europe, to the more northern latitudes, bears thick vegetation, green, consisting of oak, beech and hazel trees, in the midst of these forests in shades of green, clear, advanced civilizations flourished the Hallstatt, Austria. Well, probably that Europe must step their cultural right to wonderfully temperate climate of that time.

The next sequence shows the Neolithic period, helped by great weather, and the current in the paradise of the Bronze Age were but a pale reflection. Well to understand the sudden progress of mobile primitive civilization of Europe, certainly not by pure chance, coincides with the climatological peak of preference. Forests are clear spread everywhere, there was plenty of wildlife, a plentiful and varied menu is available

to "the contemporary man, as evidenced in the excavations of Montoir waste their kitchens. The geologists usually call this superíodo of Litorina, according to the guide fossil, the marine snail-litorina Coastlines, characterizing their sedimentações in the Baltic Sea.

One step behind the oak trees of green-gold, were preceded by pine, birch and Alamos in tone more loaded, the climate was colder. And one more step back in time, we are in the phase of intense cold, sub-Boreal, the epiglacial was in the period Yoldi, named according to the guide fossil, the arctic sea-shell Yoldi burned. The birch disappeared. Grams polar scrubby forest were the contemporary, there where, a short time ago, we extend thick woods of oak, penetrated by the rays of the sun warm. The edges of glaciers in retreat, the flourishing drias-of-silver; everywhere, ponds and wells of stagnant water. During the brief flowering of only four months, the flora is limited to forms dryad calls, meeting with a minimum of light. Instead of a vegetation Viçosa, green, find grace and underdevelopment, the tundra replaces forest clearings and flowery. There, along the horizon, the bright shine of the ice cold, ruthless and advancing gradually from the cold land to the north and threatening the last remnants of extinct life.

The more sequences of "flashback" are back in the geological past, especially the layer of ice it expands, prodigiously, and penetrates toward south, its mantle covered with white, sparkling, Scandinavia. The glaciation as a bridge to the European continent and in various stages of variable intensity, reaching the North of Germany, Ireland and England to the extreme southwestern tip of Wales, burying all those lands under a thick layer alb and rigid, a few hundred meters thick. Simultaneously, identical layers of ice are forming up and moving in North America. On both sides of the Atlantic, the picture is the same, sad and rude, nothing but ice and ice, everywhere. One can not speak more than any preference for the northwest European climate, compared to the Northeast of North America. Reached out and prevailed a phase in which the geological Northwest Europe have not had your current climate favore.cido. Given that climate privilege has been recognized as a gift from the Gulf, paleoclimatológico this fact is of great interest to our research, because the absence of such a privilege might apply for an early indication of the absence of the Gulf, to make this would be questionable whether that, during the time in which there were no weather conditions, to the Gulf, in fact, coming up with a blockage exists anywhere in the Atlantic, which captured and therefore unable to continue in its towards the west coast of Europe. And now, which shows our movie, suddenly stopped? The meeting stopped at the time of the transition period to the Holocene Quaternary (glacial or plioceno) in the climax between the fifth and fourth geological periods. As a by magic, we are in a strange world. The ground is covered with ice, sparkling ice, which expands at prodigious length under a loaded sky, cloudy, clouds of haze and fog, a sky without horizon ...

First was the time when Ymir lived, there was no sand nor sea, nor sea waves, I found earth, nor heaven is bending over her, an empty void ... and nowhere in the grass growing ...
(Völuspá)

The geologists call the period of the fourth and last glacial stage, was the fourth and final advance of glaciers, and subsequent interim periods warmer, intermediaries. And during that long period, the North West Europe enjoyed no preference for any climate on the U.S. East.

For now, this is just for the purpose of research that we propose open. It proved the existence of a link, yet to be defined in its details, from the climate of North West Europe during the Quaternary period and the course followed by the Gulf Stream. However, this book is not a manual of Geology or Paleoclimatologia and not want to disclose exact terms of climate change, in primitive times. Thus, leaves open the question whether, if so, should be responsible for order astronomical causes, such as fluctuations in the earth's orbit, displacement of APSID, changes in obliquity of the ecliptic, or cosmic factors, such as the passage Dark clouds of mist.

So contentemo us how important result, indicating the existence of glaciers ambivalent to the right and left of the Atlantic during the Quaternary period. The two continents were under many layers of ice, with huge expansion sometimes reached the latitude of 50° . For us, this is only somewhat important and interesting to find that latitude where the line should be drawn demarcatória between the regions covered and free of glaciation. There, where those lines demarcatórias persisted longer, left its traces, as shown accumulations of rock debris; are called belts of terminal moraines of known location. In line more or less parallel, monitor the meridians, which both pass through the New, as the Old World. Also the North Atlantic had such a demarcatória line between the perimeter and the free water taken by floating ice, which corresponds to the boundaries drawn on continental land.

The Figure 12 shows the approximate route of the line demarcatória. At the time of major expansion of glaciation, it was between 45° and 50° of latitude, however, to remember that for our subject matter not so much the exact definition of latitude, but the general layout of these lines demarcatórias the expansion of glaciers. It turns out that this track gives, so unmistakable, with the isotherms, corresponding to a normal temperature, free of influences exerted by the Gulf Stream.

What these lines mean demarcatórias expansion of glaciations, following the route of isotherms?

The layers of ice permanently, resistant to the passage of years, only conditions were to persist while the average annual temperature was below zero degree and had a minimum of variations. There, where the land began to be free of ice, the temperature must have risen above zero degree.

[OBJ]

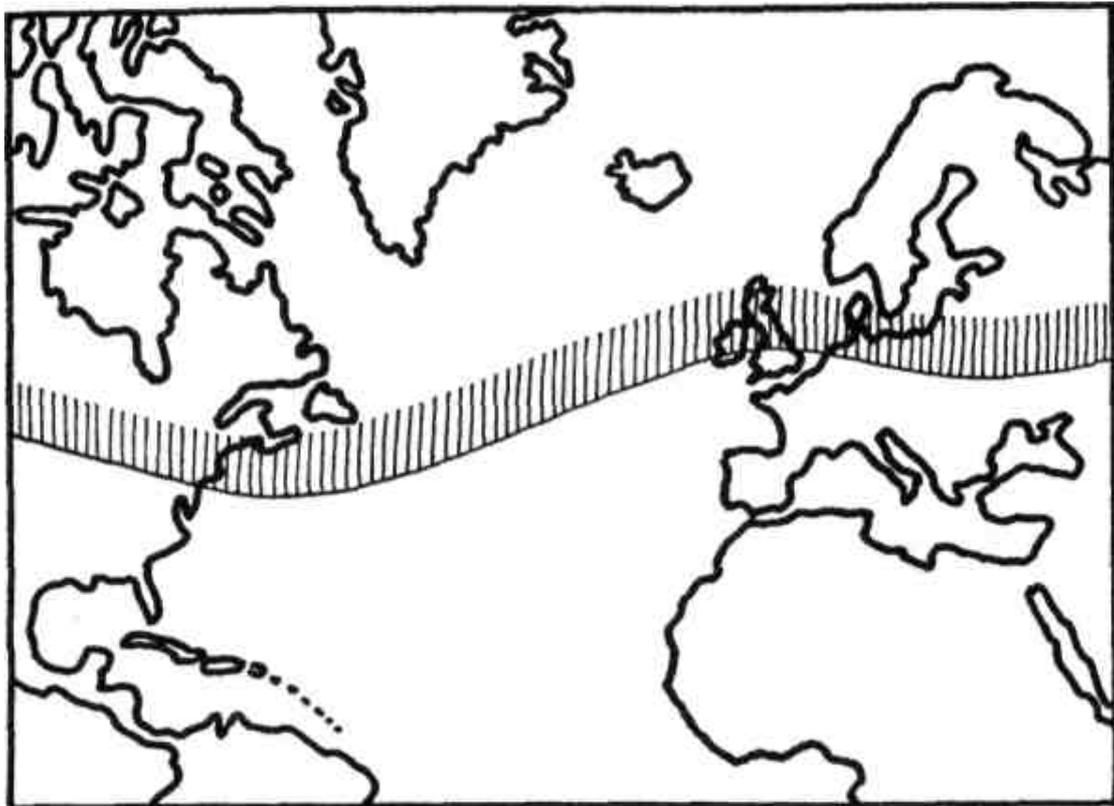


Figure 12. The limits of glaciation in the Quaternary. The belts of moraines terminals, found in Canada and in Europe, serve as benchmarks for evaluating the progress achieved by effective limits of glaciers in south direction during the Quaternary period. The West and East Atlantic, these limits were approximately equal in latitude. As soon as there arises, so clear during the Quaternary, the climate in northwestern Europe was not privileged, compared to the Northeastern United States.

This is lawful for the regions whose topography allowed little bit bumpy slope in the transition of land covered in ice, for the vegetation cover. Also, there where the glaciers, down by steep falda, penetrating deep into the low areas, as happens in South American mountain ranges, it is not so easy to identify the edges of glaciation with the zero degree isotherms. But also for our present case, it must be remembered that the edge of Quaternary glacier provides but a rough indication of the location of contemporary isotherms to zero degree, because in those days also, time or other, the bodies of glaciation, covering the ground land, could have advanced much beyond the limit of zero degree in could no longer reach it. However, roughly, we may say that the glaciers would have extended standing to where the average temperature was close enough from *deseongelação*. However, this hypothesis does not draw a line geographically well defined, but indicates a strip of land, wide variety, within which, there or there, was at the perimeter, also variable, affected by glaciations in advance, or respectively in retreat. In any case, it is not so much to rebuild, with accuracy, the location of that line demarcatória, which by the way can never be done, but of its general layout and the isotherms to zero degree, related, and this route may be determined accurately and out of doubt. For this, we have the valuable aid of the traces left by terminal moraines quaternary.

The terminal moraines accumulated, as continued to accumulate, always on the

extreme edge of the glacier, the exact limit between the land covered in ice and vegetation cover, the area between the "up" and "below" zero degree . Already mentioned, elsewhere, the repeated climatic changes during the Quaternary period, when the various stages of glaciation, alter-ing up with periods of more moderate climate, the intermediate stages. All climate oscillation manifests itself in the corresponding displacement of the isotherms. By treating the quaternary isotherms, it indicates at least some time to which they relate. Such as climate and specific characteristic of the Quaternary period has its purest expression in the temperature was epiglacial itself or quaternary in temperature, the isotherms of maximum glaciation, or more expressive of Quaternary climate, are called isotherms quaternary. Its layout and especially the characteristic of isotherms to zero degree, which has to be reconstituted on the belt of terminal moraines, located further south, is what matters to our subject, not its exact location. Therefore, it be only one general route and not a scientifically accurate restoration of quaternary isotherms. Incidentally, this track gives us a vision sufficiently accurate and comprehensive picture of climate diluvial. From there we can draw the same conclusions about the Quaternary climate, which can be taken from the layout of the isotherms to zero degree, the Holocene period, about the weather five-tenário, modern.

With this, the indices have jurisdiction to weather conditions, unknown, the Quaternary period.

In Figure 12, showing the layout of the zero degree isotherms, quaternary, the limits of the glacial area, confirming that, at that time, the track was much different from the current level of zero isotherms. Although there was no wind that feature to the north, indicating the bag of gifts, brought by the Gulf Stream.

By way of comparison, Fig 13 shows both isotherms of degree zero and thus illustrates the radical difference between the two climate geological periods. With the clarity of such diagrams, confirms that, indeed, throughout the Quaternary period, the North West Europe has not enjoyed the privilege of their current weather conditions and, like the contemporary North American, was covered by a huge layer compact ice.

As frankly favorable climate of North West Europe is conditional to the Gulf, the absence of such bias during the Quaternary period indicates that the most likely period in the Gulf has not yet passed off the coasts of Europe. Could hardly be mistaken about this, because in those days in Ireland was a land arctic, inhospitable, full of ice, while today, irrigated by the Gulf Stream, palm trees and other subtropical plants grow on the edge of the Irish Sea, even during the mild winter. This striking difference, dispute, between the weather and Quaternary periods in the current, gives us almost certain that in those times, there has not yet started to the Gulf, thanks to which, in later times, Ireland was cognominadade Island green.

Prudence tells obtained substantiate the premise. So let's examine and resolve, first, a problem intermediary to learn whether any of the other cause to explain this climate change so markedly, than that set by the absence and arrival, respectively, of the Gulf coast in Northwest Europe.



Figure 13. The isotherms 0° of the fourth and fifth geological periods. The isotherm 0° Quaternary, adopted from Fig. 11 and shown on top, moving in its typical sinuosity. So also feature, the wind is absent with the quaternary isotherm 0° , adapted from fig. 12. The land regions (dotted), including the North West Europe, are the recipients of the "bag of gifts, brought by the Gulf Stream. Dali concludes unequivocally that throughout the Quaternary in the Gulf was not the North West Europe.

Without doubt, by itself, the absence of the Gulf not enough to explain the formation of huge glaciers in Canada and Scandinavia, and the strange change periodically, recorded in ice sheet. Of course, for that, other factors contributed, a cosmic and telluric. The Figure 13 is not intended at all, solve all the problems of the ice age, but this does only part of the problem, relating to the following: regardless of all other factors, workers, the specific form and extent of glaciation in diluvial North West Europe would or would not be the sole consequence of the absence of the Gulf? If there were any additional factors, promoting the glaciations, were telluric or cosmic in nature, they should affect the temperature, at least in the northern hemisphere of the globe. For example, a general decline in temperature, possibly caused by the passage of a cosmic cloud of dark mist, absorbing and weakening the sun would have caused a parallel shift of all the isotherms in the northern hemisphere. Similarly, a partial decrease of temperature in the northern hemisphere, due to other causes cosmic, should affect the local temperature. Supposed that during the stages of glaciation, in the Gulf has passed the North West Europe, for example as there is today, it would be easy to reconstruct the Quaternary climate for this hypothetical case. The Figure 14 shows this framework weather, obtained by relocating to the South of

isotherms Holocene. The 0 ° isotherm show makes its curve to the north, which is to be only partial decrease of temperature and was moved at about 10 ° of latitude further south this track purely imaginary - to emphasize again that particular - the 0 ° isotherm quaternary, necessarily should have set the line demarcatória areas and location of glacial terminal moraines. According to this theory, in Canada, they should it would be located between 40 ° and 45 ° latitude, while in North West Europe, the glaciers have advanced by only 65 ° latitude. The British Isles, Ireland and Norway, to the height of Trondheim and Nansi, would have been free of glaciations. However, in reality, the masses of ice have reached throughout England and in Europe fell almost to the regions that currently are in Berlin. Its location, indelibly marked by traces perpetuated the terminal moraines, which attests to how insofismável factors general glaciation, were telluric or cosmic alone would never have been sufficient to explain precisely this lack of "bag of gifts" that, if and in principle, benefits the temperatures of the northeast Atlantic, where will the Gulf and, correspondingly, no longer spread their donations for which it is not. However, other plausible possibilities to explain this crucial feature, in different ways.

Therefore, the absence of the Gulf is in the only possible cause of the effective area of glacial in northwest Europe. Only that, throughout the Quaternary period, in the Gulf, certainly not reached Europe, the Swedish glaciers, whose formation could happen with both the passage of the Gulf, had its prodigious expansion and reached across England and the whole North West Europe. The consequent absence in these regions, the current climate privileged in the Quaternary period, could have its cause in the absence of the Gulf at the time in question. What is the Paleontology think of this? In his capacity as current sea, the Gulf is caused by the monsoon, which in turn, result in immediate, result of engage-ment between the loose earth in rotation and its envelope of air. Without doubt, the earth also revolved during the Quaternary. Logo, naqueles tempos, certamente, as monções sopravam da mesma forma de como estão soprando agora, como as do Leste passando sobre as latitudes mais baixas, e as do Oeste sobre as latitudes mais altas. Thus, the pattern of movement of water, as Figure 9, is also valid for the Quaternary period. In those times, the waters warm, tropical, were also taken to the West and in the upper portion of the whirlpool of sea currents, the current diverted to the east coast of North America, went to the East, or Europe. In the Gulf is as old as the Atlantic itself.

Absent of any reason to suppose that, in the Quaternary period, there was a pit of water between Europe and America. In all likelihood, it was opened in the early Tertiary period, with the mutual expulsion of large tectonic plates, which would be the reasons for this. At the end of the Quaternary period, the position of tectonic plates, of course, was very similar to today. Their removals began, and largely completed in the previous geological period, or the tertiary. The example of what happens today, also in the Quaternary period, extending from the Atlantic Arctic Sea to the Antarctic, with continental plates on both its sides. Like today, also in those ancient times the northern and southern monsoon took the waters warm, tropical, to the west, and the nose plate formed by Brazil, were directed to the North Atlantic.

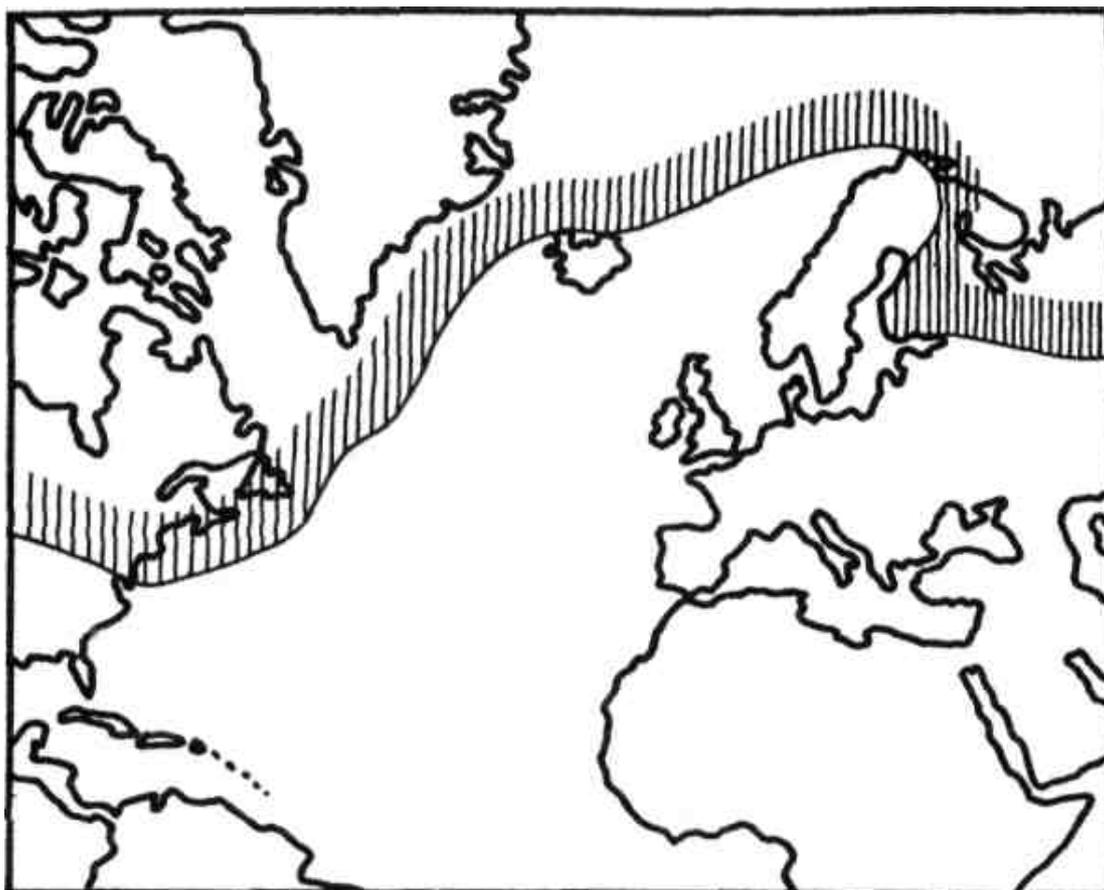


Figure 14. An argument paleoclimático invalidated. It may be that the glaciation of North West Europe were caused by general causes of telluric or cosmic order, rather than the absence of the Gulf? In that case the quaternary isotherm 0o would in parallel with today's, ie some 10 ° of latitude further south. Then the limits of glaciation would have been located there where the picture shows. England, Ireland and Norway would have been saved from its ice sheet. The comparison with the actual layout of the limits of glaciation (Fig. 12) evidence that its location is due, and only, the absence of the Gulf. It follows that the Quaternary in the Gulf was not the North West Europe.

Today, as formerly, the Brazilian northeastern coast forward these waters for Central America, where, since there were very, presumably early in the third, judging by the extensive layers of lava, the formation geotectônica was essentially complete. It would be assumed that the enormous pressure exerted by the tectonic plates would have forced the opening of the basins of entry between the mainland and the arc of the Antilles, so that the path of the Gulf quaternary must match perfectly to the present. However, even in those days meant that there was the Gulf of Mexico today with depths of up to 3,000, and quaternary east coast of Central America was located where today are the Antilles, it would be only a slight displacement of the parallel the Gulf to the east. Even under these conditions, the current is from Pernambuco, the main contingent of the water going to the North, instead of the southern arc of the Antilles, as happens today. In this case, the Gulf, is the West. The shallow areas between the Antilles and the Bahamas replace the Gulf of Mexico and the bay, just north of Florida, the flow was diverted. Also under these conditions, slightly modified, as Figure 15, the warm water would have had sufficient time to heat up even more, increasing its salt

content and become the band to blue sky, as such, enter the gray North Atlantic.

[OBJ]



Figure 15. Chain of the Antilles instead of the Gulf? Even if, at the end of the Quaternary, the basin still existed Caribbean Sea and the Gulf of Mexico, presumably formed by collapse in the lower tertiary, a the Gulf, more or less equivalent to the current, would have been originated in the Lesser Antilles arc outlined and Bahamas and was moving to the east, entering the Atlantic.

The latest research and special conditions of the arc of the Antilles orogeny confirmed, however, that the formation of large basins for entry into the Caribbean Sea and the Gulf of Mexico back to the Pliocene, the last phase of the third geological period (tertiary). With the exception of the general lowering of sea level in the Quaternary, resulting from retention of large bodies of water in polar areas, the oceanographic conditions prevailing in the regions of origin of the Gulf, were identical to those present. And even the lowering of sea level, the order of about 90 m, failed to influence visible.

Would be likely that in those days the Atlantic Maritime fossa was less than the current width. With this, the path of the Gulf, atravessando it, would have been less extensive and therefore on their arrival there, across the Atlantic, its waters would be even more warm now. In assessing these two influences, are derived from the finding that, in extreme case, one should compensate the other. Also in the Quaternary period, the

climatic effects produced by the Gulf Stream in the North West Europe were similar to those currently recorded in the Holocene, which meant in those times, had arrived by then.

However, it has not arrived by then, as the show glaciations in western Europe.

Also, during the whole Quaternary period, there was a current southern, northern and one of the monsoon, as to this, no doubt. Warm water, tropical, passed along the coasts of Brazil, the Central and North America, until the world dominated by the west winds. This is also an undeniable fact, no doubt. Therefore, in the Quaternary, in the Gulf, brought by winds west, entered the North Atlantic in the region of approximately 40 ° north latitude, and from there through it in the east.

Moreover, it is also true that in those times, the Gulf not reached Europe, on the other side of the Atlantic. This allows only one conclusion, namely at any point in the middle Atlantic Ocean, the Gulf was captured and diverted from its course. This common ground point, reached in an attempt to rebuild, just initially promising, has proved sufficiently robust as a basis for subsequent searches.

Eco Atlantic Ocean

Until now, the search for valid tracks produced very interesting results, even sensational, in the course of an entire geological period, a powerful river, larger than the total of all the rivers of the globe, entered the Atlantic, but it has not left. This river is not lost in the ocean, such as the Tarim River has been lost in the desert of Central Asia. In the absence of their arrival to the western coast of Europe there is only one satisfactory explanation, the supposed existence of a barrier material, an effective blockade of sufficient length to capture it, or perhaps divert it from its course.

Where you have located this block of the Gulf?

Oceanographical The map shows that this block no longer exists on the surface. This gives the radical change of climate in Northwest Europe, caused the disappearance of that lock after the last stages of glaciation. It was then that, in fact, to the Gulf for the first time he came, with its warm waters, its winds humid, hot, rain, inaugurating the melting and forcing, gradually, the retreat of glaciers to the island of Gotland in the Baltic Sea. For one reason or another, must have been at that time that the rupture occurred, removing the lock, then preventing the movement of warm water from rain and winds for Europe.

Today, after diverting the east coast of North America, the Gulf Stream reaches the respectable width from 600 to 800 km. Therefore, to capture it, the lock should have the length from 800 to 1000 km in the cross direction into the sea. In its roadmap general, the Gulf is directed towards the east, so the blockade should have been located in north-south direction. Furthermore, it should have been a large increase, rising from the bottom of the ocean, above sea level, for now, its width can not be stated with certainty. Perhaps some of its dimensions are 1000 km in length, about 400 km wide, and to reach the seabed, must have had more than 3 km in depth, so your total should have been a million cubic km. It is impossible to land mass of matter such proportions have been dissolved into dust or anything. She could not disappear without leaving traces. Anywhere should have left few identifiable remains to be found only in the bottom of the Atlantic basin, under the section covered by the Gulf Stream. Therefore, it consult oceanographers about the soil profile in the bed of the Atlantic, as they meet the necessary conditions to meet us so accurate and conclusive.

The fig. 16 gives a simplified view, in perspective, the ocean basin, emptied of its

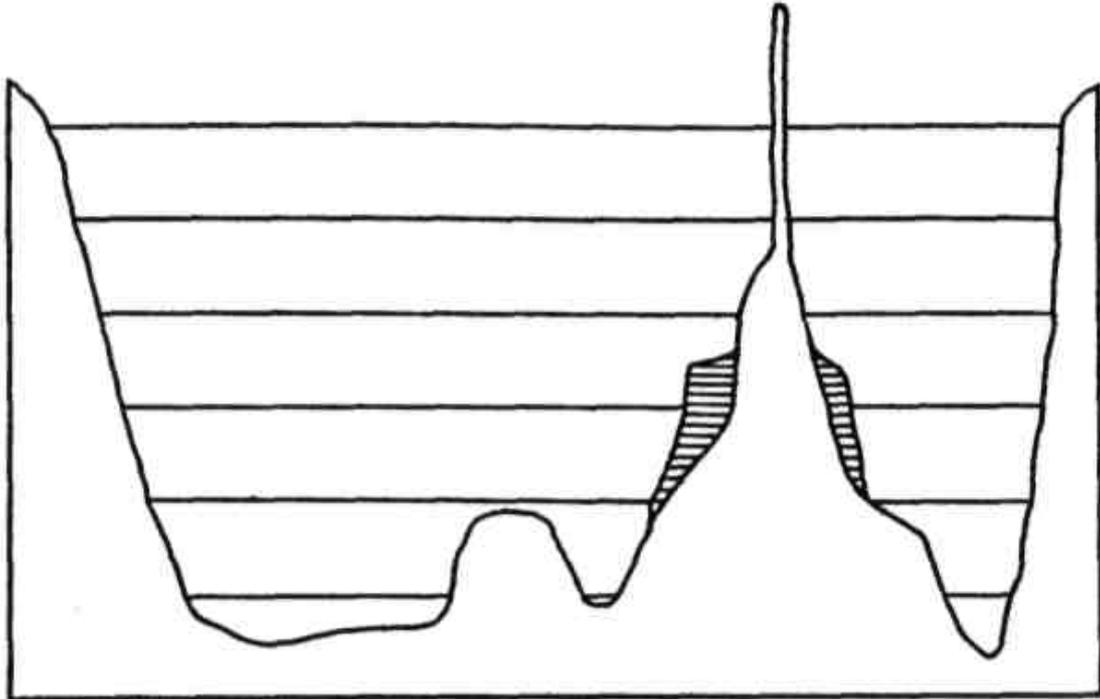
waters, part of the North Atlantic. All the Atlantic Ocean is a huge basin of 16,000 km in length and about 5,500 kilometers of medium width, covers an area of 98 million km² and contains 350 million km³ of water, weighing more than a third of trillion tonnes. Only one of these bodies of water, volume unimaginable, shares of the Gulf. Since the last 90 years, the values of depth of the Atlantic and the profile of your soil, these computed values, are the favorite subject oceanographers. Great efforts have been and are being developed to avoid any solution of continuity in the availability of vast material resources necessary for such studies. The history of this sector of the research submarine is a chapter interesting.

Its beginning dates back to 1860, from a Swedish expedition, whose equipment was much more primitive than today. Then Wyvill Tompson and Carpenter continued in research and applied them throughout the British system, although in the course of the work almost sink your ship "Lightning", the time now rather old and obsolete.

However, efforts by two British researchers have managed to draw the attention of competent circles in Britain, then owner of the oceans, and the government to provide another boat, well equipped, the "Porcupine." Results epoch. In 1872, the expedition set sail on board the "Challenger", which became famous, and conducted 370 surveys, 255 measurements of temperature and 129 launches network trailer, along the 8,000 miles of its total route. Already those first systematic research revealed the fact that the soil of the Atlantic not plan, but provide a focus strongly profiled, for example as has been demonstrated by the diagram of Figure 16.

Subsequent trips, especially those made by "Hydra" United Kingdom, the "Dolphin" and "Gettysburg" of the U.S., and finally, the "Meteor" in Germany, have provided numerous individual data and, thus, more than 10,000 surveys of economic, according to the principle of Behm. With succinct and comprehensive report, published by H. Stocks on the "Scientific Results of the German Atlantic Expedition" of 1935, it was obtained the following table, in much expanded our knowledge of the Atlantic Ocean: A vast Atlantic basin is divided into two basins in part, by a large dorsal submarine, which extends from Iceland to the regions of Antarctica. The average depth of the western basin is 6500 m, and the eastern basin of 4500 m, at some points, the depth exceeds the limit of 7,000 m.

The dorsal parting between the two basins partial is called "dorsal Dolphin," in honor of the boat operations geometric 'the U.S. with this name, but also talks about Atlantic and back, with less property in Atlantic plateau. He reaches the average altitude of 2,750 m on the seabed. The Figure 16 shows the cutting of elevation, strongly marked, crossing the North Atlantic, 40 ° of latitude, north, says there is a conformation of great width of some 300 to 400 km in the line of the 4,000 m deep, presenting as a folding submarine, whose targeting and supposed home address elsewhere. However, at this stage of research, an interesting feature of this particular ridge on the seabed. At one point, at approximately 30 ° west and latitude 40 ° north latitude, the folding extends to a training strange, enigmatic, giving the appearance of a vast submarine plateau, a vast mass ground submerged. Figure 16. Importance of the soil of the Atlantic (Cross section, 40 ° N). Scale 1:60.000.000 (ICM = 600km), values of altitude increased by 600 times (ICM = IKM). From left to right: the North American continent - North American Basin - Atlantic dorsal (bottom: the ground floor massive submarine) - Spanish basin - continental shelf of southern Europe.



The fig. 16 shows this particularly in his cutting. Indeed, looking at the map, this complex odd jumps in the eyes, with their tops in the form of art, raising it above sea level, are the Azores Islands. Several of these ridges, and the High Peak, reaching 6,000 m in altitude. Some volcanoes are active, others, extinct.

This land below sea level, the platform called the Azores, is of decisive importance for our research, because it is located exactly under the Gulf Stream. Today, the sea current, somewhat hindered by the tiny islets, coming here and there, amidst the desert of waters, directs its waves to the east. It is only at this point, indeed the only, where the Gulf Stream crosses the Atlantic back, there clearly extended, some of which has not by mere chance. Moreover, nowhere in the bottom of the sea approaches as far as the flower of the water here and this is the exact location, endorsed by our research. Here ends the track which, starting from the Gulf, through the laws of the isotherm in the Atlantic, the limits of glaciation in the Quaternary period and the requirement of a blockade diluvial the Atlantic, led us, inevitably, to this singular point and precise. We compliment to merge now, a fanciful idea, as follows. Suppose, for whatever hypothetical reason, in the Atlantic Ocean, sea level, suddenly, was kneeling in the order of 3,000 m, and this process could be observed, the board of a spacecraft. What were you?

Well. In this and only this exact point, there is a huge massive ground floor, with high mountains, the steep falda, and this massive set would be in the barrier to the Gulf, which is just above the dorsal Atlantic. The waters of the Gulf would crash into the west coast, slightly curve of this great island, new-born foam of the sea. Ali then the water would be dammed, scintillant rise in waves, would be diverted to and violently hits in a wide curve of return, around the Sargasso Sea, return to the West, as shown by Figure 17.

Possibly, only the main contingent of the Gulf would have been diverted in this way. Perhaps, an arm of the relatively weak secondary current has reached the northern tip of the X lock and, with it, moved a little further north to the cold Labrador Current, the west. However, the north and east of the island would not have existed in blocking

the Gulf Stream with its warm waters and air masses of warm and humid. The Northwest European gozaria not the restraining influence of the ocean and would have been exposed to the weather and the cold continental climate. In times of strong trends of glaciation, increased by telluric and cosmic additional factors, such conditions would have led to the total glaciation of those areas, not favored by climate, such as happened in the same latitudes in North America.

As foreshadowed the total glaciation came to realize is, indeed, in the fourth geological period, the non Fig. 17 illustrates a hypothetical possibility, but demonstrates the real situation and well known, reigning in the North Atlantic. The "lock X" which, in this hypothetical experiment, is in our mind, in reality is a real island in the North Atlantic blocking. And at the end of the Quaternary period, the island, blocking real and true, into a massive dorsal submarine in Atlantic.

With that, she came to be found.

To prevent against possible misunderstandings, repeat and emphasize again that we have demonstrated an imaginary experience, illustrating the coming of the imagery block submerged. Moreover, Prof. Pettersson made this same way in your example already mentioned book "ATLANTIS und Atlantik" - Atlantis and Atlantic. However, no work that has been said here, nor is meant that the island was returned to the Atlantic blocking surface with the effective lowering of the sea and later became submerged again, with the lifting sea levels. What happened, really, was the opposite, in all, the sea level remained unchanged, but there was kneeling in the seabed, followed by turf island fincas it, leading, therefore, the current platform of the Azores. Then you know more accurate data of this process, susceptible of restoration in all its details.

A priori, it can be stated with great certainty that there, in the Azores, found the only place where a massive ground, once above sea level and now submerged, could be dammed and diverted the waters of the Current Gulf.

In addition to demonstrating this result general and cardinal, the fig. 17 also illustrates the influence of the "lock X" in isothermal Atlantic during the Quaternary period. The isotherm 0o rose approximately in parallel with the meridians, left the Northeast of North America, on 45 ° north, along with the Gulf, which followed, and slowly rising to the north, where there emissary of a weak current of warm water, fighting pointlessly against the Labrador, the cold water, she outlined a mild wind, in addition to approximately 30 ° west, continued at 50 ° north, on his way to the east, towards the west coast of Europe, completely covered with ice. With this, the limits of the Quaternary glaciation are theoretically reconstructed in perfect agreement with the location of the terminal moraines. The comparison between the weather again and the situation in fact, present in Quaternary period, give in all points. Thus it was shown that the total glaciation of northwestern Europe was a prerequisite and was conditional on the existence of an island in the Atlantic, which crashed in the Gulf.

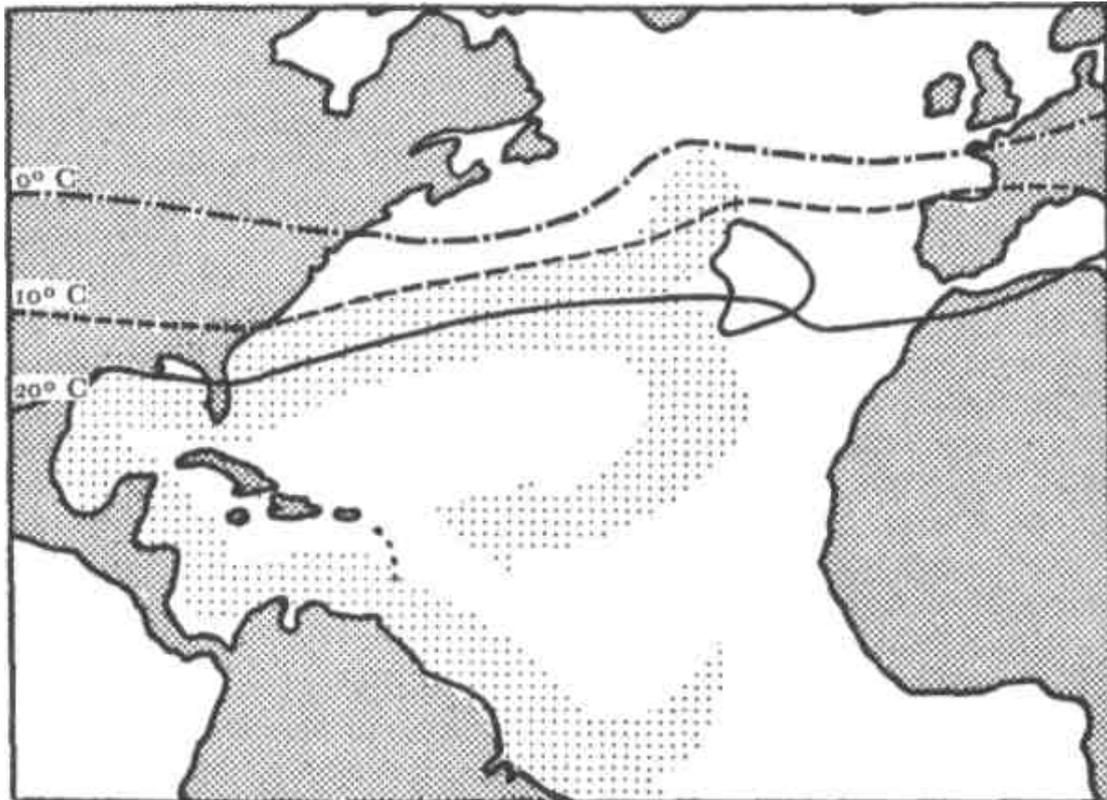


Figure 17. The Gulf Stream and North Atlantic diluvial isotherms. In general, the isotherms follow in parallel with the meridians. Instead of the West and North West Europe, as happens today, in those days the island of Atlantis, in front of the U.S. east coast, enjoyed a privileged climate.

The result of this research is of utmost importance to the problem. Certifies, and no doubt, the fact that, throughout the fourth geological period, in the area where today is located the islands of the Azores, there was a huge massive ground floor of some 400,000 km² of surface, which blocked the Current Gulf and in large part, was responsible for his return to the West.

At any time and in any event, this massive ground floor, where there is no doubt, must have disappeared, to sink by about 3 km, has become the extension of the dorsal Atlantic submarine.

Now we can go to the following question: when it sank blockade of the Gulf?

The answer is not very difficult, because the block there and disappeared in the Quaternary period. The disappearance of the "lock X" coincided with the end of the Quaternary, or the flood. Nomen est omen. The very identity of Geology produced the catastrophic disappearance of the blockade of the Gulf with the classic flood.

We have the most or least helpful about the time when the hands of Geology of the room moved to the fifth period. However, until recently and the subjective estimates exceeded the time objective counts. And yet there was nothing and there are negligible differences between the views of geologists and paleontologists. Therefore, it should listen to the greatest possible number of individual estimates, authentic and plausible to take the average then it could be considered as the predominant theory, accepted by contemporary experts.

It is really remarkable and which certifies the accuracy of the method, the average value to give to 12,000 years, today, accepted as "best" value estimate, obtained by de

Geer, by counting the bands in ceramic decorations in Swedish, the Neolithic lower, on the basis of which estimated the time elapsed between quaternário and today. These two values, the "best value" computed by de Geer and our average, differ in a few 8% only. Taking into account the imprecision factor, inevitably present in such calculations estimated, this result can be deemed as quite satisfactory.

Therefore, we may expect the correlation of contemporary geologists and paleontologists, the set of twelve millennia ago, or around 10,000 BC, the period marking the end of the Quaternary period and the beginning of the Holocene. This also was the date set in the "Block X" sank in the waves of the Atlantic and that until then had been diverted to the Gulf of Europe, leaving its west coast exposed to the advance of glaciers.

We just find the time in March, divisor of geological periods. We just find the time of initiation of melting and subsequent retreat of glaciation, when the Gulf has its warm waters and winds of rain, since that has ceased to be diverted to the west, blocking the island and whose disappearance has then their free passage to the east.

Thus, we detect the tracks of the greatest cataclysm experienced by human history. Never before have the recorded history of mankind most terrible and tragic event of that catastrophe of unimaginable proportions, happened some 12 millennia ago.

The mental probe, launched in the shadow of the Quaternary period and the depths of the Atlantic, reached the target goal. Now you can compare the findings with what made the story of Atlantis from Plato contains comparable data.

First, the narrative allows Platonic highlight three elements of comparison, ie, referring to the location, the scale and the time of the cataclysm.

Let's start with the first of these to the test location. An excerpt of the report provides an approximate location platonic, as saying: "... In view of the mouth that you used to call the Pillars of Hercules, there was an island, whose extent was greater than Libya and Asia together, and from from there, it was then possible to cross to the other islands and those islands, for the whole continent, in front ... "

It is highly informative to comment, saying that those islands could make the crossing to the continent, located opposite. This indication refers, surely, to the islands of Bermuda and Bahamas, the West Indies of today, and America! At that distant time, the island region must have been greater than today, the example of how South Florida appears as a remnant of continental land. The highest points of this part of land continental out of the surface ocean, and within a radius wider than that, comparatively, as part of Canada. This allows the Atlantis of Plato was located approximately in the latitude of Spain, between the European continent and the arch formed by the West Indies. The words "before the Pillars of Hercules" indicates its proximity to Europe, placing it, therefore, in the eastern Atlantic. To draw a line, from the latitude of Spain and continuing towards west, it crosses with land submerged in the seabed, at one point in the eastern Atlantic, namely in the Azores. Therefore, the Atlantis would have occupied this part of Central and North America, or at least have maintained contact with the people who lived there. This thesis is supported and confirmed by the legends of the indigenous population of Central America. However, where were in the eastern Atlantic, the islands formerly existing at the time of Spain? Today, there are only and exclusively in the Azores, possibly, still part of the perimeter Bermuda and the Bahamas, Puerto Rico, Cuba, and finally to America.

The location is not perfectly exact Platonic. However, the narrative conveyed by tradition, just the few local indications, which allow to reconstruct the real situation of the island submerged. Moreover, the following fact which did not go unnoticed by

Athanasius Kircher and other researchers of times gone, it remains valid also for the current research, a recovery free from any prejudice, based on objective and conclusive account of the original text, or may choose another point within the North Atlantic. And this place needs is the point of intersection of the Gulf and Atlantic dorsal, which undoubtedly must have existed the "lock X" at the time, an island above sea level, which divert the Gulf Stream, forcing its return to America.

The second element of comparison used to test the territorial extension of Atlantis. Plato described Atlantis as the "bigger than Libya and Asia together." Asia is the Platonic of time today's Asia Minor, and Libya to the regions of North Africa, known in antiquity. This estimate is little summary information, considering also the limited notions of antiquity geodéticas and seasons that preceded it, it can be only the conclusion that, in fact, it was a very big island. Of greater importance it is the contingency of these generic data have been supplemented by other, more precise, when the narrative account that the region south of the island was a vast plain, covering an area of 3000 x 2000 stadia, and six million stadium squares are equal to 200,000 km². Supposed that this would have taken extensive plains more or less half of the total area of the island, it is a global extension of 400,000 km², ie the exact amount, calculated on the basis of the lines of depth within the Azores and computed independently of Platonic information.

Turning now to the third element of comparison on the time of the disappearance of the island blocking the Gulf.

Based on geological and eight estimates in accordance with the "best value", determined by de Geer, was unanimously given to both the time around 10,000 BC The Egyptian informant from Plato said, shortly: "First of all, it noted that a total of nine thousand years have passed, since, as reported, was that war ... " The text mentions that Platonic war ended with the earthquake that swept the Atlantis of the Earth's surface. The conversation between the priest of Neita and Solon took place around 570 BC, so according to tradition, Atlantis disappeared in about 9500 BC The comparison of these two dates - 10,000 BC and 9500 - shows an almost perfect agreement.

Were three elements susceptible of examination. In testing the three, the indications given by Plato completely with what, regardless of them, was determined by exact methods, practiced within the Natural Sciences.

The Atlantis and the "lock X" located in the same place, the perimeter of the Azores. The area occupied by each was 400,000 km². They disappeared at the same time, approximately 10,000 years before the advent of the Christian era.

This is the result, condensed into a few sentences, the critical and objective comparison of what we achieve. Dali is inferred, without reservations, by identidad of the two objects of comparison, duly attested by three tests, examining its key characteristics.

The Atlantis was that "X lock."

What, despite the 25,000 books on the subject, still awaiting solution, was detected by the probe of the exact search. She showed where the Atlantis slid up to 3,000 m depth in the sea which gave its name. In the Gulf, there is, the tiny islets, guard the secrecy of the Atlantic and the island of Atlantis. When the "Meteor" passed by the area of the Azores, after launching echo echo to the seabed and annotate data by those accused of the deep surveys, hardly anyone of the crew would have done very remarkable idea of the meaning of sound pulses, returning there by far and recorded by ultra-sensitive

microphones installed on board, no mistrust that transmit the echo of a vanished world, since there was much the echo of Atlantis. After twelve millennia, those sound pulses, obtained by the method Behm, were the first people called to live a forgotten island in the ocean floor, which responded by returning them. Those polls have brought the first news of a massive underwater land. If it has the proper knowledge. However, no one on board the "Meteor" could have understood its real meaning, the only technical sounding the depths ... But with this, found the Atlantis.

The Enigma of Eels

All tangible remnants of the Atlantic sank with the island, placing it is therefore beyond our control and, unfortunately, the monuments do not speak. Therefore, there is still present tangible realities, comprobatorias. However, there are other factors to which we can use evidential.

Indeed, what the man has forgotten it was in memory of an animal species not evolved very far and the physical similarity with humans. The paleontologists know her well and has its origin in the Cretaceous period in the Mesozoic era. This is the eel.

European eels retain their enigma, closely related to the island of Atlantis. Apparently, a practice seemingly senseless behavior, which, however, passes from generation to generation, under a compulsory instinct, hereditary. Twice in his life crossing the immense extension of the Atlantic, they do the crossing for the first time, are small, the size of a match, colorless, but the second crossing are mature, marriageable.

In addition to apparent lack of meaning, this rite of passage, which also found no reasonable ground, endangering the survival of the species, therefore, along these journeys on the high seas, years on end, the shoals of eels are exposed to a non-number of potential enemies in the much higher than that found in fresh water or shallow lakes. Therefore, all the more puzzling is the fact that the eel persist in its strange ritual, despite the enormous efforts and the dangers which that entails.

Since the time of Aristotle, the scientific world this puzzle of eels. However, Aristotle had been in the hands of the secret key, it gave credit to the Platonic narrative, invés.de to condemn it. That is because neither Aristotle nor any other person poster found a plausible explanation for the fact that in European rivers, only live eel females. For now, this aquatic species has not been sufficiently observed and, therefore, the chances learned proliferate. It was only Johs. Schmidt who observed and recorded the eel migration in its maps, however, find the answer to this biological aspect of this instinctive behavior, incomprehensible. However, it is something to respect.

The eel starts life in the underwater flora of the Sargasso Sea a sea of warm waters, the extent of central and located to the west-southwest of the Azores. Sargasso is the name of a brown alga of the family Fucáceas, belonging to the genus Sargassum, and its underwater flora, the sea well deserves its name. Today as formerly, since there is the Atlantic, the currents there accumulate huge plant up to 300 m in length, which accompany the movement of waves. No virgin forest, on dry land, could compete in size, freshness, abundance and plant varieties with those underwater jungles. Of all the backs, hit by the eddy currents slow the bodies of wrack and algae are being collected and in the center, where almost no motion and the water stops are, they intertwine and confuse.

In this paradise of the eel sargasso celebrate its mating. The American eel put their eggs in the western and eastern European region in the Sargasso Sea. Born tiny fertilized egg being transparent, which has expressed the enigmatic migratory instinct.

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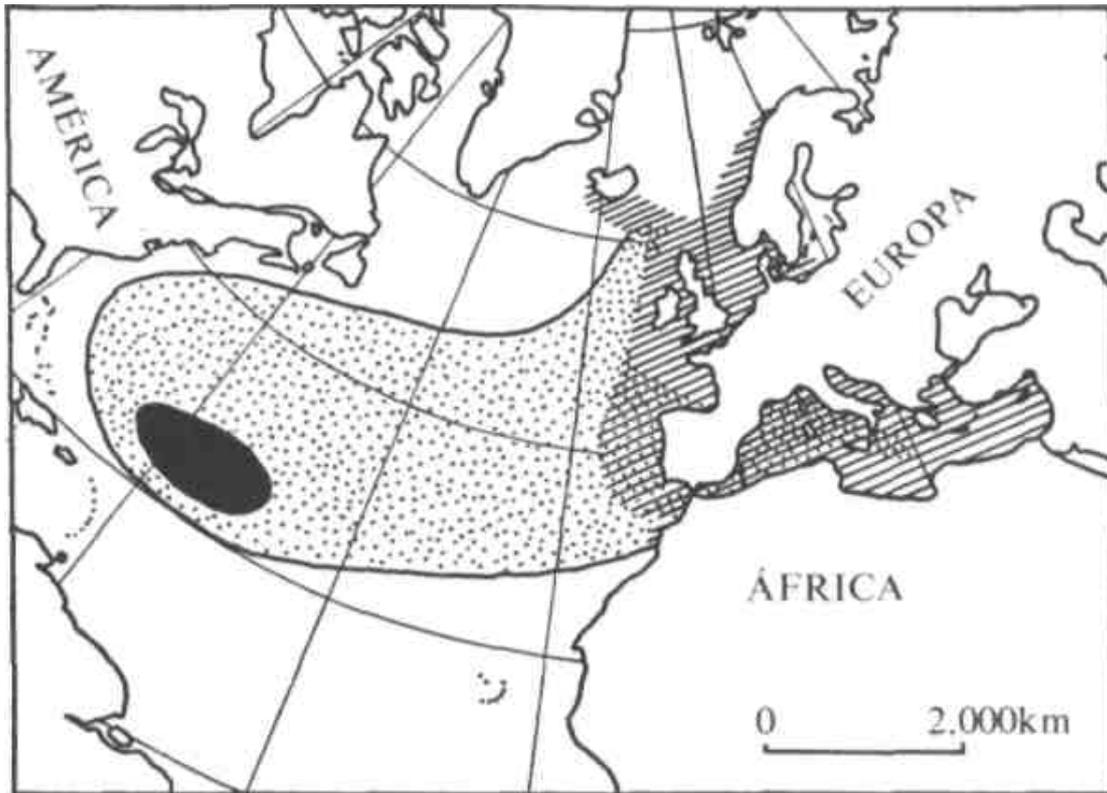


Figure 18. Distribution of European eel, according to John Schmidt. Black spot: the spawning area - dotted area: puppies - dashed area: adult eels. Schmidt commented about: The map shows that in contrast to the eel in Indonesia, the European eel to go a great distance to return to their region of origin, which it is spawning.

Gradually, leave sargasso, site of his first child and seek the edge of the eddy, where the Gulf Stream to accept these puppies into the hot, blue water, to lead them towards the east, to the remote beaches in Europe West. This trip lasts three years and in its place, the eels, at the beginning, small and transparent, to be evolving from brown-green and agile movements, as the snake as long as they could not survive and serve as food for many larger fish, for which they are hunted. Off the coast, dividing the school, then full, the males remain in salted water in the sea and the females entering the outfall of the rivers of Europe. They ascend the rivers, bear all natural obstacles, as well as artificial and even an occasional crossing to stand on dry land. This strange separation of the sexes lasts for two years. With five years of the adult eel is, then make the separate schools to meet. Males await their females, and down the rivers, meeting, undertake the journey of marriage, back to the Sargasso Sea.

In many gatherings, the school gathered back to the land of his childhood, deaf and blind to all the dangers around him. Notwithstanding the hungry birds, watching them over the back and the fish and dolphins, that in pursuing high seas, still in its course, swimming at great depths, perhaps taking advantage of the current cold, warm under the Gulf, at antiparalelo. In any case, the eel run this script full in relatively short time of only 140 days. Those that survive the nuptial procession, withdraw up to underwater vegetation in the Sargasso Sea where the mating takes place. Ali then killed the old eels and the pups born, starting a new cycle of life and death in

uninterrupted sequence.

This cycle of life and death has two aspects incomprehensible. First, that this migration dangerous, complicated, crossing the ocean twice and that involves serious risks for the survival of the species? Secondly, that the females ascend alone, the rivers of freshwater and the males remain in the ocean?

The second aspect is causae solution, as the eel only become adult females in freshwater. Although the details are still ignored the chemical process by promoting these developments, there remains the fact, explained above, which applies a sufficient explanation, that the females go to an area where there are large continental rivers of fresh water. However, soon another detail is incomprehensible, the West Indies would be very close to the Sargasso Sea, but despite this, the offspring of European eels, rather than go to the west, take direction opposite to the east, to the more distant European continent, although this route is much more dangerous and long, taking three years to complete. Presumably, the offspring of eels - is how you could argue - by instinct innate, hereditary, choose the longer path, because, due to the Gulf, is it requires less effort. By following this route, all you have to do is let yourself go for warm waters, seeking instinctively and blue strip of the Gulf leads them, as an excellent means of transport, fast and secure for the nearest continent. This argument explains why the females prefer to the Gulf in order, brought it, take the long trip to Europe, arriving thus to your destination, fresh waters, where they become adults. However, why males should track females to expose themselves, unnecessarily, to a number of hazard-free without to that end, there was a biological necessity, equal to the force for females? The fact that all the eels swim in the Gulf, until the females are fresh and they become adults, so insofismável proof that the desire of becoming adult is not the only motivation of the journey, as this motivation applies only to females , although lacking in direction for males. Therefore, the tendency to reach the maturity is not of primary importance, but the eel simply have the desire to take leave by the warm waters of the Gulf. In this respect, still explain why a strange detail, this will is imperative, despite the great distance between the Sargasso Sea, and Europe, within easy reach, via the Gulf.

And, again, the distance factor as it is decisive, and this strongly emphasizes the second puzzle in the life of the eel. It is the contingency of foreign females need fresh water to be adults, although the nearest continent where they can find it to be the great distance and the West Indies, and nearest, can not be achieved by the Gulf Stream.

Would be the case that we ask, how can it be that this strange feature of conditioning the water, was observed in a species of fish, whose place of origin, the Sargasso Sea is so far from that continent, whose rivers are sought by females, to become mature and acquire their position to spread the species?

All these questions, making up the puzzle of eels, are simple answers, fully intelligible, studying to Figure 19, which, besides solving the problem of Atlantis, also explains the enigma of the eel, closely linked to that.

The Figure outlines the Atlantic 19 West, before the disappearance of the island of Atlantis. The waves of the Gulf fighting against the west coast of this island-lock, there are diverted, and its main contingent, are forced to come into a huge whirlpool, circunvolvendo the area of the Sargasso Sea, while to the east, reach the Atlantis, sweet and rich in the west, the Central and North America, no less rich in rivers and lakes.

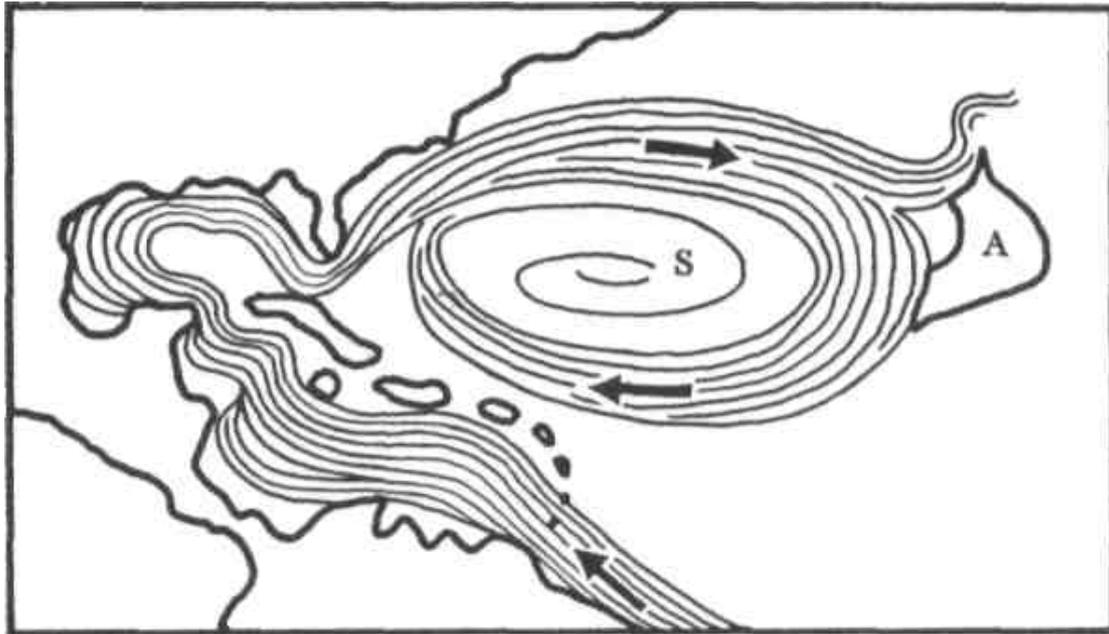


Figure 19. The region of eels in the North Atlantic, in the Quaternary, was concentrated around the large island of Atlantis (A). Due to the movement of waters of the Gulf around the Sargasso Sea (S) from the Atlantis, this current has to be part of the living space of the female eel, as happens today with Western Europe and more distant.

The life and behavior of eels should be understood as a special and intelligent adaptation to the Gulf, surrounding the Sargasso Sea, only after the disappearance of Atlantis and the consequent solution of the continuity of the movement of the waters of the Gulf, around the Sea the Sargasso, the behavior of the eel has become incomprehensible and enigmatic, because, by virtue of their instinct, are still living as if Atlantis still existed. "The eel can not forget the Atlantis."

This was the whirlpool of eels living space, before the cataclysm that has brought the great flood and did it disappear, along with the island-lock. At that time, the behavior of eels was adapted to his living space. Nothing more had to do, and take leave by the maelstrom of the Gulf Stream, which carried the water for marine and freshwater, back to the sea water. Nothing estranhável a species of fish have chosen this vital area, offering a convenient means of transport between the sea and river and has used it to become their adult females in fresh water, easy to reach. Who knows if both have contributed to the relatively more secure protection against the sea birds that live in coastal and no more of the coastal zone and the large fish and mammals, that caçavam in high seas. Perhaps this was to safeguard the lives of females is essential for the propagation of the species. Moreover, at the time when the eels were fully adapted to his living space, their number was much higher, the point of the continental rivers have not been sufficient to ensure enough food for all schools and, thus, were reserved to females. Anyway, the truth is that the conditioning of water only makes sense and does not involve too many risks for the spread of the species is within the habitat of eels, sea water was as much fresh water. This condition existed, in fact, before the disappearance of the island of Atlantis, today, no longer exists and therefore the life of the eel has become enigmatic and become a problem for doctors.

However, looking at the fig. 19, these puzzles are revealed. The submarine thick jungles of the Sargasso Sea, surrounded by the Gulf, to protect the breeding of eels, fish old died there, having spread their species and then played the young, newly born. The slow, warm-water marine, took the pups around the submerged forests of the Sargasso Sea, always ready to offer shelter and protect them against all dangers. When the young, transparent, had old enough to leave that sanctuary, that the current calm and certainly led to the river outfall near and distant, both to the west, and to the east. Here, then, was the desire of females in fresh water, which did enter the outfall, rising rivers and penetrate ever more land in Europe, where they were safe from most enemies. Moreover, in their quality of hunting, had sufficient conditions to defend themselves when they lose their attribute of transparent and were forced to fight for life.

While the female swam in the river water to reach maturity, the return was to meet with the males, they remained in marine waters, to feel the "call" of females, in return, probably transmitted by the gametes, which enable contact between the aquatic beings unimaginable distances. And then came to meet, forming the great nuptial procession, led by the usual stream of warm water into the underwater jungles, protective, where did the mating, followed by the spawning of death and a new beginning, completing It is, thus, their life cycle.

How was practical and full of meaning such interlacing of living space and animal behavior! The coexistence of the maelstrom of the Gulf Stream underwater jungle and offered protection, both for couples in marriage, for newborn pups, transparent, that there could always retreat, before the approach of any threat. Then, when the eels were not required to undertake hazardous sea crossings and apparently meaningless, which loses much of its species, their number should have been huge. However, the life cycle of the eel came to an end with the disappearance of their means of transport, the eddy current in the Gulf, along with the island-lock, that caused. And, then, was the opposite side of conditioning instinctive.

The instinct not reason, nor is doutrinável. Beings acting on instinct can not be re-educate. Also the eels follow your instinct, as always followed, from cretaceous. Know nothing about the disappearance of Atlantis, the disruption of aquatic circle around the Sargasso Sea, but even if they knew, could not change the course of his instinctual life. Today, as formerly, the instinct tells eels, yet transparent, entering the Gulf, but that will not take the jungles around the submarine, protective, but so far, across the Atlantic to distant Europe. Many puppies die on this trip. However, they should go to Europe because there is going to the Gulf in its route that before the disappearance of Atlantis was cyclical, and since then it is straight, one-way. And, therefore, also the nuptial cortege should return by the ocean, despite the enormous risks and losses to be faced in crossing endless. For this reason, the blind and deaf schools to move around it, in order, with all its strength, reaching its sanctuary, which were brought by the Gulf as soon as possible. Well this is just the place where, deep in the jungles submerged, the school is protected against all enemies, you can pair up and spawn. For this purpose and to protect the young, the school undertakes the long journey of two crossings of the Atlantic, because the puppies are living, are ensuring the preservation of the species, and for their benefit, eels, instinctively, live and work . Thus, until today, the life of eels, in the beginning, as in his view, remains closely linked to their sanctuary in the Sea of Sar-tions and these last vestiges of a behavior, once perfectly suited to environmental conditions, are still preserved at the expense of many, many individual losses along the ocean crossing, and return. This is the price to be paid by the

disappearance of the eel island of Atlantis.

This would solve the puzzle of the eel, which is explained considering the tremendous changes in the course of time, which also demanded its tribute of primitive harmony of life. Apparently, the eels have better memory and longer than men. For them, their land to the east will never be lost. Each baby eels, transparent, each adult eel, green-brown, gives its mute testimony to the existence of Atlantis.

Atlas - Atlantis

Every puzzle has a solution, as long as they could find the key to clear it. This applies also to the puzzle surrounding the ancient and lost civilization Atlantis, its key is the magic word: Atlantis.

Atlantis, the submerged island, the ocean that bears his name and people of the Atlantic has a common mythical symbol, is the giant Atlas, holding the sky. It is only in appearance that his name distune some of the island and the ocean, because the genitive in Greek ATXCWTOO shows the root and the common name of this mythical giant is the key to understanding the culture Atlantis.

The passage oldest was transmitted to us in writing, the "Odyssey" speaks of the legendary island of Ogígia and the nymph Calypso, daughter of the giant Atlas:

... A goddess inhabits the island, shaded by trees, daughter of Atlas, that he knows everything, who knows the dark depths of the sea and that, alone, supports the columns, separating the earth and sky, but ... (51-54)

The exact translation of the last line of special importance for our case, says: "The self, which has large columns, separating the earth and sky", describing the phenomenon primitive, subsequently, transformed into the mythical symbol of Atlas, holding the sky. Without doubt, its origin is based on real facts.

In its fourth day of travel, dedicated to the muse Melpomene, Herodotus says about the extreme northwest tip of Africa: "... Then, after ten days, a hill of salt and umajonte and there are people living around the hill. A mountain, name of Atlas, is approaching that hill. The mountain is narrow and rounded, they would be so high that no one can see the peak, always covered with clouds, both in the summer as in winter. The people of the land says that the hill would be the sky ... "(IV, 184).

It is the mountains of Atlas, a great nickname, in northwest Africa, with two peaks amount to 4.000m above sea level. Since the time of Políbio, this mountain is called Atlas, for this reason the later Hellenic version of the legend of Hercules, beyond lies the mythical giant, Atlas, so that Eros, in search of gold to put the gardens of Hespérides, could find itself with it and live the adventure with the known globe. It is known that the Atlas Mountains was named in the relatively late age. The people of the region called it with Dyris according Strabo, and Daran, according to Pliny. Also, the name of the ocean, beyond the "Pillars of Hercules", called the Atlantic, as the island itself, is commit-vadamente older. The sea can not derive its name from the mountains in Northwest Africa. Moreover, this range and above, its main peak, had its name changed, for reasons easily explained.

A quote from Herodotus clarifies the case. The name of the mountain was subject to its height, its involvement by clouds and their looks impressive, considering the still strong resemblance to the original Atlas that once gave its name to the ocean. Atlas

was the original name that went to the African mountains, where he, along with Atlantis, and everything that was on that island, sank in the sea. The proof of this is the existence of the Azores islands, the scant remains of the old big island, submerged. Moreover, as correctly identified by Athanasius Kircher, the nine islands are the peaks, appearing above sea level, the highest mountains in the massive ground submarine, which was once Atlantis. In one of these islands, called Pico, Pico Alto, the 2,320 m, altitude respectable, dawn of the waves of the Atlantic. Estimated at about 3,000 m depth to which fell the massive ground floor submerged, the High Peak have the impressive altitude of 5,300 m, or 500 more than the Mont Blanc, Switzerland, the highest mountain in Europe.

Just imagine a mountain gigantesca, the size of Mont Blanc and find it mentally in the bluff of a subtropical island, behold, then the order that would have appeared before the eyes of primitive navigators of the times, to set off the coasts of the continent of wild, barbarian, east, towards the Isle of the Blessed. The sacred mountain, born of the waves, in fact, appeared playing the celestial regions. The example of what has been said of the Atlas mountain range in northwest Africa, also the peak of the proto-Atlas was constantly surrounded vapor and clouds. It was the mountain itself to expel these fumes, as well as the High Peak from today, also the Atlas of time before the time was an active volcano.

Equal to that found in the main crater of Mount Etna, the main crater of the proto-Atlas up clouds of steam, sometimes covered the peak, is now raised, in the form of pine, mixing with the clouds of heaven and, thus, linking the three elements of life that are the sky, water and earth. In this respect, it is perfectly intelligible the mythical image, closed in odd phrase of Homer, saying that Atlas, the giant, who knows the depths of the sea, has a column that separates heaven and earth. Therefore, steep, abrupt, giant mountain that rises from depths of the sea, as if he had just built up far more of their funds, thus giving rise to the parable in which he, Atlas, appears to know the dark depths of the sea. The column of clouds, which he designed, apparently, supports the heaven and the heaven it is based. So she, the mighty column, separating the sky from Earth.

This resurges the original image, the prototype of the later mythical symbol. After submerged the original image, the symbol has been transferred to the High Atlas Mountains in North Africa. Here is the explanation of the change of meanings over the ages.

The island of Atlantis, whose name passed into the Atlantic Ocean, derived its name from the high mountain that dominated and characterized. And on this basis to the legend created as a parallel of Atlas, holding the sky, the first king, Atlas, firstborn of Poseidon, god of the sea.

In nahua languages, ie the people living west of Atlantis, "atl" means water and, judging by the names of the peaks in the Andes, "anti" means high mountain. Thus, it would reach the hypothetical translation of "Mountain Water", "Mountain Water has emerged," "Mountain, amidst the Water" in perfect harmony with the real thing, especially when viewed from the east.

In any case, that the mountain smoking, the crest of the wave, stood up to the sky, whose roof supported with its column of vapor, is the real reason was primitive and the first bearer of the name Atlas, sent to the island and the ocean in around them. This found its embodiment in the original king, Atlas, and the giant of the same name, claiming the sky, materializing is, thus, both the mythical policy, as for cosmology. However, this was only one of its many reflections, along with other, much more

important. It would be reasonable to assume that the Atlas mountains is the prototype of the pyramids and all the works of worship, multiform and varied, in the west and east of Atlantis, and elsewhere, where fell directly or indirectly a ray of light emitted by large submerged island. Large number of observers have noted the unmistakable similarity, revealed by the works of worship older, the majority of so-called high civilizations of the remote past. The most representative structural type is the pyramid and thus talks about a "belt of pyramids, involving China, with its pagodas of several floors, the towers of churches of Eastern India, situated on the banks of the Nile, its congeners less known in Libya as well as works megalithic, primitive, only in its external appearance, in North West Europe, the nuragues in Sardinia, the crannoghs and brochs Ireland and Scotland, the truddhus and Trulli in Puglia, the Balearic Islands and talayots, west of the Atlantic, the Teo-calli of Maya, Totonaca, toltecas, Aztecs and other primitive peoples Americans. All these works are based on proto-common symbol, represented by the huge mountain, touching the sky, in which, or on which the gods reside in their homes, in their temples.

The figs. 20 and 21 seek to illustrate these ancient links. The fig. 20 sketches a highly significant structural reasons, but until now poorly explained. All these works of worship have a starting point for a structure in several steps, shown at least in its initial phase. Tried to explain, saying that with his technique, the manufacturers former sovereign be only certain times, so it had to put a floor on top of another in order to erect works higher.

[OBJ]

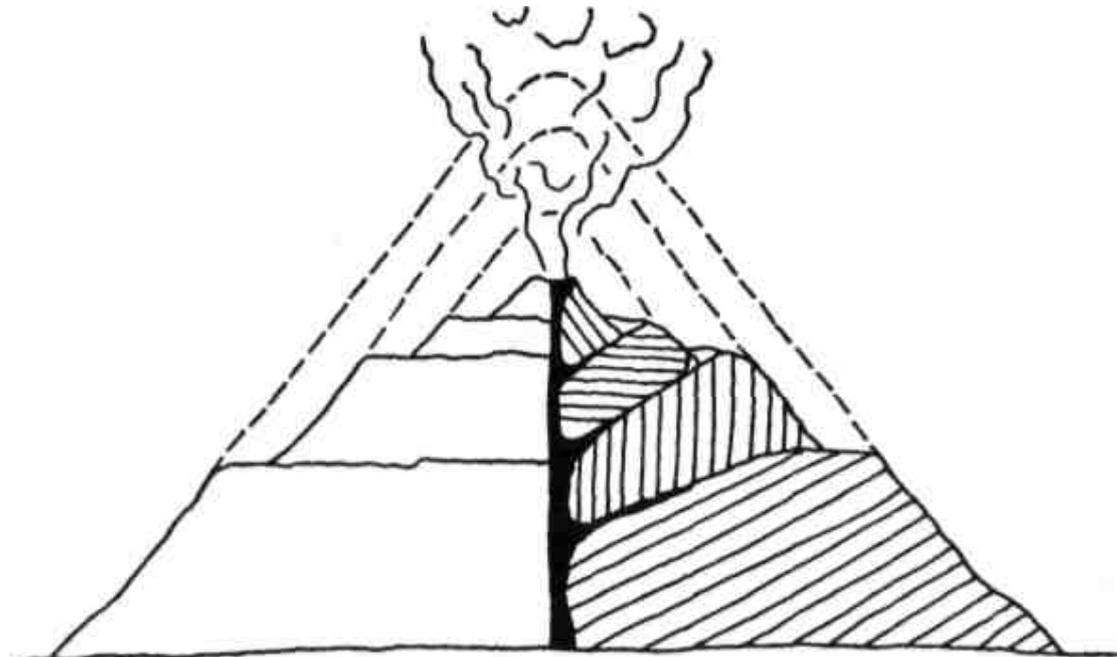


Figure 20. Atlas, supporting the sky - as a prototype of the pyramid in steps. To judge by the general character of the volcanic islands of the Azores, before the disappearance of Atlantis, the High Peak current must have been a volcano in steps, consists in several successive eruptions and reaching high altitude. The picture, right, shows a cross section of the strata, in steps, the volcanic pit is outlined in black. The volcano in steps is the prototype works of worship, also built in steps, which served as a model for various architectural types, adopted in India, Central America, Mesopotamia and Egypt.

It may be that in either case, in fact, that reason prevailed, dictated by technical constraints contemporary. But why the structure in the form of steps continued to be used when the technical progress has allowed the construction works high, the big? This applies especially to the pyramids of temples, the rather obtuse, Central America, similar to hills landfill; undoubtedly would have been easier to site them in a straight line rather than in steps. However, despite this, it retained the original structural form, it seems, because the real protoforma have foreseen the release of several floors, with one over the other. This conclusion rests on the conformation of the volcano Atlas, which, moreover, consubstancializa the original form of the works of prehistoric cult. At right, the Fig 20 outlines a cross section of a volcano in steps, there are several layers of the steps, easily identifiable by different shading. Why spend your way to the exhaust pipes of volcanic products, designed in black, with the central tube leading to the main crater at the center. On the left, Figure 20 gives the external view. When compared with the outline of a Central American pyramid, on terraces, such as the Pyramid of the Sun in Teotihuacan, (Board 7), the fundamental similarity is obvious as to hardly be taken as pure chance. Also, this comparison suggests the origin of works of worship, in overlapping steps, as linked to the prototype of the volcano in steps. And of all the volcanic mountains was the most sacred of Atlas, holding the sky, located on the island in the center of the world.

The Figure 21 shows up on the scheme of reconstruction and reduction of the prototype; layers superimposed on the mountain and at its top, the column supporting the sky. Two types derived from this prototype structure, easily identifiable, namely the tomb of the hero, archaic, the tymbos or tumulus, later transformed into the Templum, temple that in its line-master is the great tombs of stone, in Northwest Europe. Both the structural type as the material of construction were always adapted to local conditions. For this, Canto XXIII of the "Iliad" provides a classic example, with its description of the funeral of Patroclus. The dead, after the addition, the abode of the gods, rests inside a mountain hollow, artificial - why?

Also beyond the ocean, separating the Old World New World, and that would probably be the oldest, the kings and chiefs were also buried under hills, as happened in the East. The column of totem, a symbol in the structural style of the obelisk and menhir, is expressed as a manifestation of such cults, we have forgotten, and thus became incomprehensible. And, unless mistake, we make finding the remains of Atlantis.

In troubled times, tumultuous, the articles of worship also served in squares and such strong citadels exist, since the ancient times of the Neolithic lower. The Figure 22 shows the known "mountain house" in Stronegg, a village in Lower Austria, with its layers unmistakable "Atlantic", congener of the pyramid of Sacara, the biblical Tower of Babel and the Pyramid of the Sun in Teotihuacan. Eventually, this line to continue the structural Chinese pagodas and presumably for the extreme forms of the temples in steps Dravid (Surf equipment 5 to 7).

Another reason may be significant in tracing the mountain giant, now semi-submerged, Pico Alto, the Azores, which rises above sea level and always was, and continues to be, an active volcano. Vapors rise from its crater, the fiery glow of incandescent lava in its interior reflects on the clouds, the column of smoke, the returns, dyed red with gold target peak covered with snow. A golden light seems to involve the top of the volcano where, to speak in the style of times gone, inside, the deity and agree with voice of thunder, go to the dead.

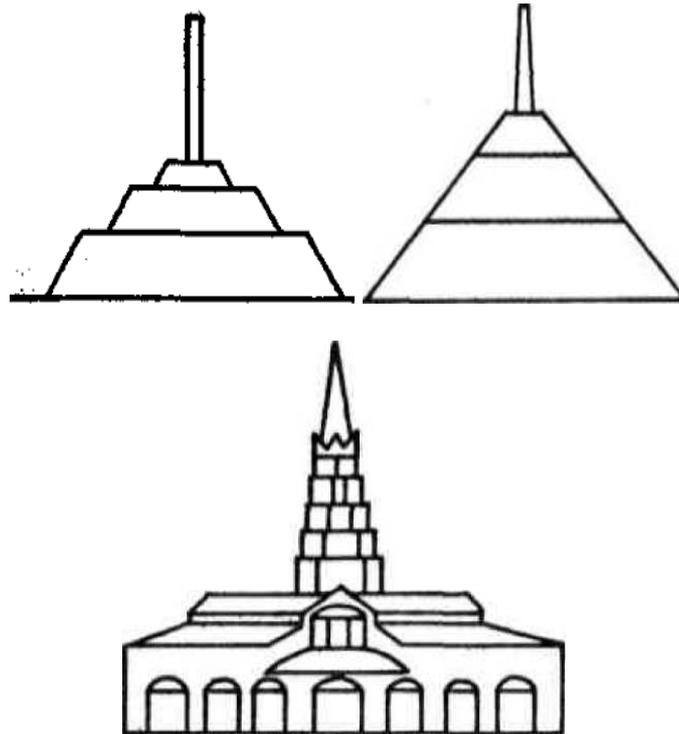


Figure 21. The architecture of worship, in steps, as evolved and adapted to return smaller proportions of the prototype (Fig. 20). Its symbol is the mountain structure supporting the sky, ie the mountain with the column of smoke reaching the sky. The following architectural forms derived from this structural type:

- a) the grave of hero, archaic (tumulus, or monument tymbos with this), put soil around a corridor burial, sometimes in several layers, with a column or a landmark in the center of the top (left);
- b) the architecture of the Christian church, evolved from the old tomb of a hero, the formal similarity with the "mountain of heaven" (fig. 20) is not always clearly identifiable, the drawing at right shows the Cathedral of St. Sernin in Toulouse (1060), still showing the steps in typical form, which is the base ("church") with the celestial column (tower) on top.

Even the cathedrals rise on graves. The Cathedral of St. Peter is the landmark erected on the grave of hero "of Peter, the prince of apostles. First, there was a crypt, and on top of it, a small chapel, the artificial hill, hollow, with a small tower coluna.a superimposed. However, not only the Christian churches, the mosques but also symbolize a mountain hollow and minaret next to the column supporting the sky. Similarly, the pyramids, built on the sarcophagi of mummies, they form a unit with piramidião, the point at which coverage ends, not by chance but by necessity. The column of smoke Atlas seems to have pointed in both the Egyptian obelisk as the Celtic menhir, North German or English, as well as the Gothic towers of the Domes, directed towards the sky. It may not be a coincidence that the word menhir, designating a monument consisting of a Celtic block lifted vertically, has phonetic similarity with the word minaret.

Also the brightness of gold was imitated in the artificial hill, built by the hand of man. Herodotus reports that the temple to Marduk-Bal, the peak of Etemenankis was all covered with gold.

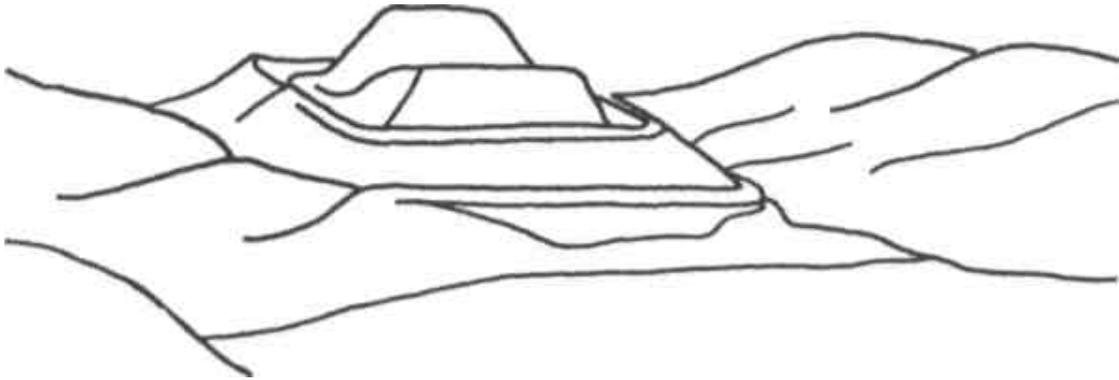


Figure 22. The "Mountain of the House" of Stronegg in Lower Austria, characterizes the type of construction in steps, prehistoric, Germany, Austria, France, Hungary and Sweden (Uppsala old) and in North America. Both served the cult, as the place of refuge, at times violent. Jump to eye the formal similarity with the prototype (Fig. 20).

The pyramids bearing metal crowns, and gold were the roofs, at the tip of the pagodas. The abundance of gold ornaments of the temple-pyramids of the Aztecs, led the glamor and greed of the Spanish conquerors. And even the Christian cathedral of Milan, made this dream of a multiplicity of points of marble, has a "peak" golden, brilliant, the Madonnina. That the works of cult blink with the brightness of the red-gold metal? Because its prototype, forgotten, long, with a peak bright and visible to the great distance, was the lighthouse that night for the sailors, millennia ago, rumavam to the island of the gods, in the Atlantic, which later became submerged.

This is not only the brightness that comes from the mountain, it also expels the smoke coming out of the crater of the volcano, and therefore these elements are also present in works of worship, based on the original image. Even if a version of unimaginable horror, this appears in its more pure and crystalline in the temple-pyramids of the Aztecs, whose top was installed on the altar of sacrifice, whose flames consumed the offerings made to gods. In Phenicia and Carthage, the mountain on fire "became a" god in flames, "that terrible devouring monster, Moloch - or Melek, the god-king, which were sacrificed the firstborn. In the Old Testament, the altar of fire, fat and meat were burned in sacrifice to Jehovah. Carnage and again were sacrificed on altars of Greece and Rome. The Christian altar undoubtedly evolved from the old altars of sacrifice, an offering to serve symbolic and, thus, the incense is there to form the cloud, indicating the proximity of God and which, it seems, followed the dialogue between the divinity and fatal, since the days of Atlantis.

And that strange universal symbol of ancient Europe, the universal tree, perhaps it would be a recasting of the mountain late that expels the smoke and maintains the sky? The universe rests on his column and thin, similar to clouds, the branches and foliage spring from its trunk. This symbolism is unintelligible to a column supporting the sky, but perfectly appropriate if it is a canopy of trees that can be only represented the starry sky. This symbol is part of the megalithic civilization that developed there where, following the retreat of glaciation, the man of Cro-Magnon type colonized the virgin land and erected these works which, with its boulevards of monolithic columns, leading to coastal, long sunk at sea, pointing to the west, to its origin, which also came from the Cro-Magnon man in red leather.

Like as in the east, it shows the symbol irminsul the universal tree of Europeans

enigmatic pre-Germanic, also unexplained, in the west, find the "feather serpent," related to various des-deida with Quetzalcoatl the Mayan and Aztecs, Kukumac, Guatemala and Ku-kulcan in Iucatã. The snake, which leaves, or water or a hole of the earth, symbolizing the earth and water, for their plumagen acquires the power to fly, float in the air. However, what is that, as languages of fire, leaving the crater of the volcano, reaching the sky and rises to the celestial spheres? What is it springs from the earth, water original, inside of which everything floats? It is a smoke esvoaçante, to the sky, which came out of the volcano, which feature a mountain sacred mountains differs from other common, extinct, or dormant, and it gives divine dignity. In the New World, the feather serpent is the symbol of the universal god, the legend itself to how it came to the continent, from Tliltlân-Tlapallân, an island in the sea, east of America. Thus, it would be fair to say that the god, which is only known as the presumed helenizado name of Atlas (or better, "Atlants") was the owner of the four elements, namely water, from which sprouted its giant body, the land, which stands divinely; air, cut on his column of smoke, holding the sky, the fire, which was his own part truly, supernatural. If, at any time, a primitive people were motivated to believe in a universal god, then it would have been to Atlantis. We do not know that the oldest civilization. Therefore, it would justify the assumption that ancient monotheism, considered by many researchers from Prehistory to the oldest form of divine faith, be part of the heritage of Atlantis.

The ancient god seems to have been a deity of fire, he managed the thunder as their weapon more terrible. With thunder, Zeus and the giants won Tor and Titans, Marduk defeated Tiamat. However, originally, the thunder was not understood as the thunder preceded by lightning, but as the Belemnite, destroy the stone that falls from the sky and is precipitated on the Earth, which opens up huge holes in the ground, cause terrible fire, uproot trees, finally, the meteorite, or one of lapilli, are designed as the volcanoes in eruption. Presumably, in prehistoric times was not difference between one and another. Until today, a meteorite the size larger, fell from the sky in ancient times and embedded in Caaba, remains the center of worship of the cult in Mecca, and antedate far, Islam. The Magna Mater of Pessini was a meteor. Was always regarded as sent by divine hand all that the sky is precipitated on the Earth and, therefore, the pumps were not less cosmic venerated the land. Only a god tremendously powerful, terrible, could make use of such horrific weapons with them and beat the enemies. A God able to throw stones giant and, thus, requires its veneration, requires sacrifices, without regard to human life. This concept, incompatible with the ideal kind of father, the volcano god, whose body is a giant mountain of thundering, boiling, casting fire and Belemnite. Also But this idea is also consistent with the consequent demand for good graces that God angry, mad, inescrutáveis of deliberations, to which sacrifices are offered before, so that it will require them. Therefore, from earliest times, the ritual of human sacrifice offered by the deity is identical with the proceeding of the god of fire, the victims are killed as if they were hit by thunder and calcined or a river of lava . Can hardly be doubt about the former altar of sacrifice by fire have the model and prototype their sacred mountain, in flames, causing seassimo-awful ritual of animal and human sacrifice by fire.

To some, it is not by chance that Atlantis is located in the center of this belt of horrors, externally identifiable by their pyramids and similar works, which involves extending almost across the globe. There, on that island that has been a legend, seems to have had this origin, the most awful form of primitive worship. His influence reached the West, which caused the holocaust committed by the Aztecs that every year 20,000 to

40,000 slaves sacrificed to their gods of blood, has also the East, Shooting and Carthage, the Etruria, Rome and Greece, also the biblical Israel concluded the Holocaust as was practiced in Babylon and Nineveh, in the same way, there was human sacrifice in pre-Buddhist India. Everywhere, where human skin of red, brown, worship their gods in temples of steps, or pyramids, there were sacrifices, in which the victims were consumed by fire.

However, the rite of the Holocaust is found only where there are still other traces of the influence Atlantis, because other people, outside the cycle Mediterranean, had different customs. The appointments espetada those who, as his messengers were dispatched to the gods, the Germanic peoples in northern Europe, regions where the appointments became nomads, hanged his victims, while living on the edge of swamps, drowned us in brejo. Not all primitive peoples adopted the ritual originated in Atlantis, for the good graces of the god of fire, the sky and the earth, through sacrifices in which victims were burned. It would have been the feeling of his own end, by fire, which forced the Atlantic to play the Holocaust for thousands of times, in anticipation, therefore, to his inevitable fate, the fate reserved for them?

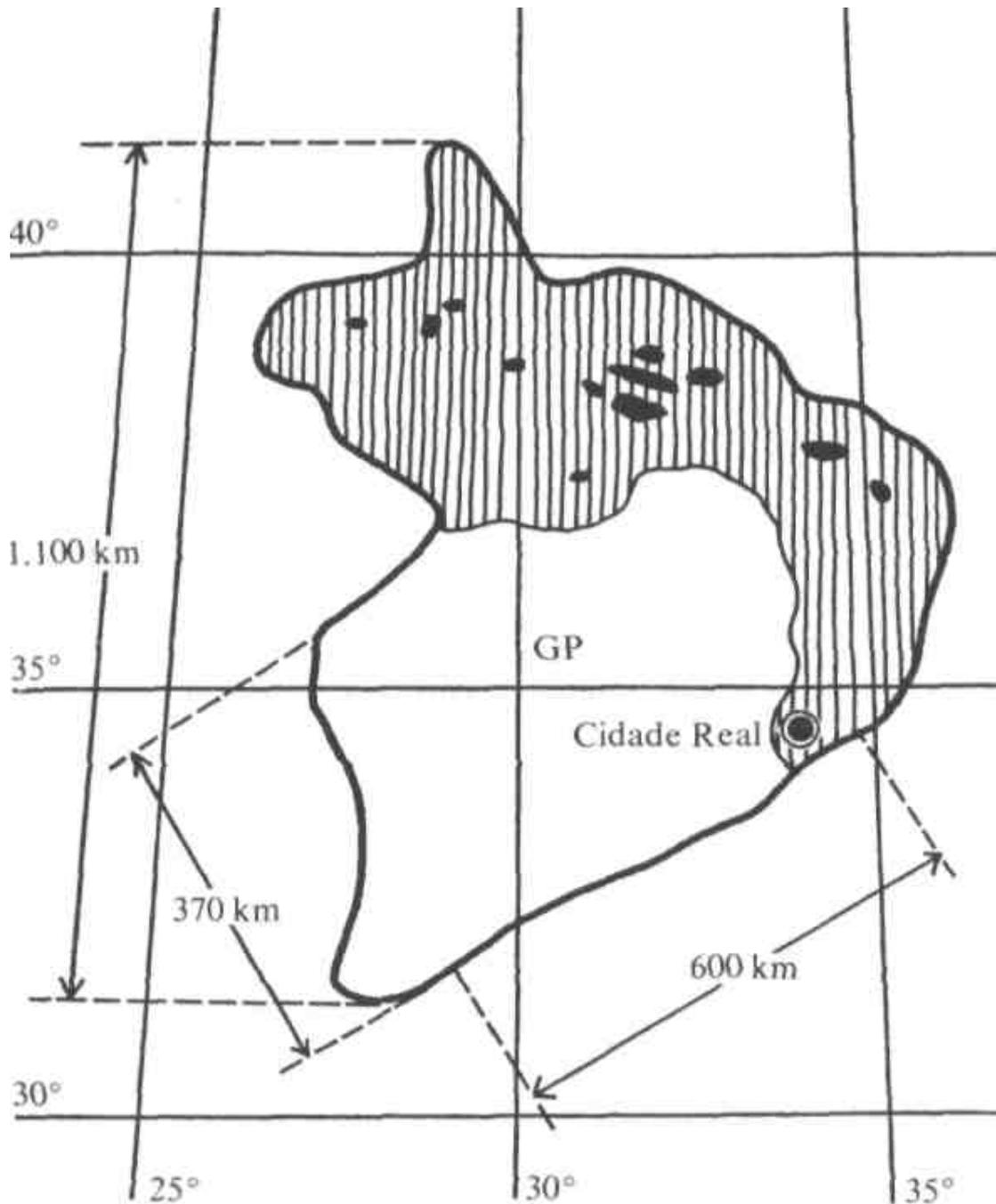
The blue waves of the Atlantic are on the submerged land. They do not answer our question. But still, the murmur of the glowing god of the fire remains out of the throat of the High Peak and from there went ten millennia ago. Is he still alive in the depths of the sea and the souls of the heirs of Atlantis.

The Country and the Climate

There are only two elements to our attempt to reconstruct the Atlantis, these are data on depths, achieved through surveys, and the limited topographic information contained in the Platonic narrative.

The latest surveys provide mapping data for the Atlantic depths, in continuous sequence and track apparently correct. However, it should not give too much accuracy to those data, obtained indirectly, computing depths of the surveys carried out by the various boats responsible for oceanographic studies. Taken together, these data did show only a general overview, which should be stressed, without any reservation on the accuracy of those polls.

Those of modern polling methods of echo, representing the vast majority of measurements made, only you can determine the duration of sound pulses, but no one could say with certainty, whether in an ocean bottom, so steep and sharply profiled as one of the region Azores, the sound pulses always turn toward straight, vertical, or have been reflected by grooves, occasionally close, the steep sides.



23. Map of Allântida (Scale 1:10.000.000). The contours, plotted along the lines of depth, obtained from underwater surveys show a large island, which in its southern part occupied an area of 1,100 km, long enough to cause the diversion of waters of the Gulf from the west. The north, high up a chain of high mountains, ten of whose peaks reached high altitudes, between these the Atlas of 5000 m (Pico Alto yesterday.I). In the southwestern part of the island, enjoying the privileged "climate of the Gulf," highly conducive to plant life, extends to "great plains" (PG) mentioned in the narrative Platonic, occupying area of about 200,000 km². According to the description of Plato, the real city was located in the suburbs southeast of the island. The dashed part of the diagram indicates the mountainous region.

Therefore, in critical areas, or different points of the survey can be considered as secure: hence neither can be considered as certain and guaranteed the letter of

oceanographic depths, computed from indirect way, by tracing the lines, more or less arbitrary to interlock these points. In view of this, by itself, the profile depth is not sufficient for detailed studies, but should be completed as much as possible, as outlined by Plato. This method was adopted in combinatório Fig. 24, widely adapted to map the depths.

For reconstitution, this figure including the USA line of 3,000 m depth, the resulting framework adapt, conveniently, the Platonic description of the island. Visualize a huge and impressive mass of earth, emerging from deep blue and causing the Azores current gain of more 3,000 m in altitude. Imposing ridges rise up to heaven, to the southwest, extends to an immense plain, well cultivated, projecting the image in its entirety given by the platonic.

The island is large stretches north to south, with a length of almost 1,100 km. In its northern and northeastern flanks rise is powerful ridges, covered with snow, some large peaks that exceed the limit of the massive 3,000 m altitude. Moreover, ten peaks that stand out, coming of the contours of majestic mountain ranges, among these the High Peak is the largest, equal to the altitude in Chimborazo, one of the highest mountains in the world, in the Andes, over 6,000 m. The High Peak is, more or less in the central region of the mountains, steep rises up like a tower and shows layers of rock, the glacier on its top to light the sun shines day after day, a thick cloud of smoke involves its peak, rising up to the sky as clear a column, holding the blue firmament. At night, the stars seem to orbit around you. This is the giant, claiming the sky, which gave its name to this island and the sea around it.

This rock mass does full justice to praise words with which Plato describes it:

"... The mountains surrounding the plain were much praised, because in quantity, proportion and beauty above the currently known, and for shelter, and many places, densely populated, rivers, lakes and meadows, offering the grass and wild animals domestic as well as large and thick forests, with the most varied species of trees, providing raw material for works of all kinds ..."

Who will challenge the sentences of the initial quote above, arguing that the mass of the Himalayas is very high and impressive that the ridges Atlantic, remember that both meet this giant mass as that of the Andes in South America and the Rocky Mountains, USA, stood beyond the confines of the world Egyptian and Greek, so they were ignored by the narrator and, thus, could not have been regarded as a comparison. Also, neither the North Africa and the Balkans were not comparable to a mountain range in question, which, as the data indicate the deep, steep sea appeared in the Northeast edge of Atlantis, in times long gone. As a huge umbrella, the powerful rock mass is placed in front of the perimeter plan, south of the island, protecting it from cold northern winds and inclement that even then, were brought by sea currents Arctic, rumando for the South In those times, the Gulf, now leads the winds with even greater force to the north, not double the North Cape, but to go against the west coast of Atlantis was diverted to the south and west. Therefore, the cold water brought by arctic currents should have come very close to the northern area of the island, but the high mountains located there capturing and accepted the storms, rain and snow, for example, as today, the Alps, the Europe's largest mountain range, protecting the south of the continent against the weather Northern Europe.

The vast plains to the south and southwestern mountains of Atlantis enjoyed a privileged position, equal to that of Lombardy, northern Italy. To judge by the tracks

of deep, its length, from northeast to southwest, can be estimated at about 600 km and 370 km in average width; translated into Greek measures, corresponding to 3000 and, respectively, 2,000 stades (1 stade = 184m), mentioned in the text platonic: "All this area was described as a steep rise of the sea and at high altitude. All the plain around the city, it involved, would have been surrounded by mountains, which extend to the sea, this region flat, oval warp, covered an area that, in either direction was 3000 stadia, and in transverse direction, rising from the sea, media stage 2000, was open to the South but the North was protected from the winds of the North. "

The 23 illustrates this passage of text. So where possible, in a case so complicated and complex underwater recovery, the paths of the deep confirm the story so impressive as to the text and image transmitting a very clear idea of the physical aspects of the island large, submerged long .

The island of Atlantis was the antediluvian blockade of the Gulf. By virtue of this effect in the sea and, thus, indirectly, on climate diluvial Northwest Europe, there was proof of its existence antediluvian. Indeed, the island functioned as a huge block, located in the exact place, the key point.

In the Gulf beat against the west coast bays. All the seabed slope down into softer than the east, where the continental plate is abruptly cut and the ridges are steep rise like a wall, impossible to climb. On the other hand, there where the vast plains extending up to the beaches, gently dipping in the sea, there were all conditions for a prehistoric paradise.

Incessantly, to the Gulf had its warm waters, blue, salt, involving the whole coast in a fresh pack from mild climate and humidity. Its waters must have had about the same temperature of the sea, this tropical region, hot and wet, open only to so-and south west winds, in this blessed land, inhabited by beings eager for sun and heat.

And despite this, the weather was not-as tropical, subtropical, but Pical, warm, not hot enough. Thus, there was the freshness, cold waters from the north and that, even diminished, penetrated by high mountains. In northern and northeastern flanks of the island, the moisture condensed in the cold air rising, precipitate as rain, snow and ice. Here, the Gulf, diverted on the west coast, moving north toward the isotherms, the Arctic, where the ice floating down to the Sule currents of cold water reached the northern tip of the island. This explains the gathering inormal of isotherms, as an expression of extreme change in climate that Jentro of only 15 moves parallel to the amenity subtropical cold polar.

The cold-water currents in the northern coast intensified the 'actors of cold air, bringing snow and rain, accumulating it in the peak amount anhas higher, and thus forming its glaciers. These glaciers have left the íguas of melting, forming rivers that with the arrival of the wind and heat, and fell Engros-Laramara the strands. Nascentes blossomed soil. Its clear waters jumped from rock to rock, built up in forests, and to reach the valleys, extended up to large and small rivers. This framework orographic and hydrographic, extremely positive, resulting from the geographical situation and climate of the island, provided by the combination of the effects of the Gulf Stream and the cold arctic waters. Also give these details with what the informants of Plato counted on Attica, through traditions, faithfully preserved through the millennia:

"... In particular, also the rain was very beneficial to the soil, throughout the year. Yeah, unlike now, the water does not penetrate the ground lost to the cold, but the rich soil absorbed the rain and kept the water in its bottom clay, letting it drip from heights to the valleys, thus allowing the existence of abundant springs and rivers ... (In

the mountains) ... there were many lakes and rivers ... (The Grand Canal) ... absorbed the rivers, down the mountain ... "

Idea to make the table climate of the island of Atlantis, observe the graph of the isotherms in the region, according to fig. 24, showing it in scale of 1:20 million. The contours of the island are outlined in black, continuous line, left sectional lines indicate the isotherms, arranged at intervals of 5 of temperature. Starting on the left, initially, the isotherms follow, parallel to the Gulf, was diverted to the north the high mountains. Congestion hot wind, west, in western falda, wind causes the isotherms, while characterizing the colder regions, towards north. This wind, in very small scale, is the "bag of gifts", today brought by the Gulf for thousands of miles in west-northwesterly direction, to Norway. Behind the island, the isotherms fall sharply, slightly below remain in the general direction of east-west parallel. This characterizes the tortuosity unilaterally privileged climate of the island-lock, by the Gulf Stream. As conditions change, the ancient Atlantis was even more privileged as the Islands of Hawaii today, and therefore superior to them (Fig. 24).

The isotherms show the influence of the Gulf dammed and diverted for their way back in the distribution of average temperature. The island retains the heat. In its western regions, air and water was extremely hot and in eastern areas, the temperature was normal and therefore more fresh. The counters north, entering the cold waters and could have had the climate of Patagonia. Indeed, this island of temperatures varied as much seems to have assembled on its surface, relatively small, all types of weather, from the sub-boreal to tropical. The richness of life forms, the abundance and diversity of flora and fauna should be matched to those huge climate changes, so is what motivated Plato said about them:

"... In ancient times, when the soil was still virgin, the high mountains, covered with earth and the plains, sometimes called floor of stone, were of fertile land in the mountains, the forests were dense ... Soil also had many fruit trees and pasture for livestock offered sick ... (On the Island) had abundance of all that the forest produces for the craft activity, and for feeding domestic animals and wildlife, there also existed a kind of elephant , proliferating in large numbers. In addition to extensive pasture for all animals that live in swamps, in lakes, in lakes, both in mountains and in the plains was too tired to sustain that kind which, by its nature, is the largest in size and consume greater quantities of food.

Also, the island was perfectly maintained and all that the earth produces aromatic, were roots, herbs, trees, resins, flowers or fruits. Also produced the sweet fruit and nut, which serves the food, and all others for our plates of food, which generally call for vegetables and fruit that grows like a tree and provides drinks, food and oil for anointing. Still gave the fruit of orchard, difficult maintenance, created for our entertainment and our recreation, plus all the fruit for dessert to be served to whet the appetites of people saciados already tired to eat. This was in huge quantities that island that, over time, is extended and beautiful and wonderful God, under the light of Helium"

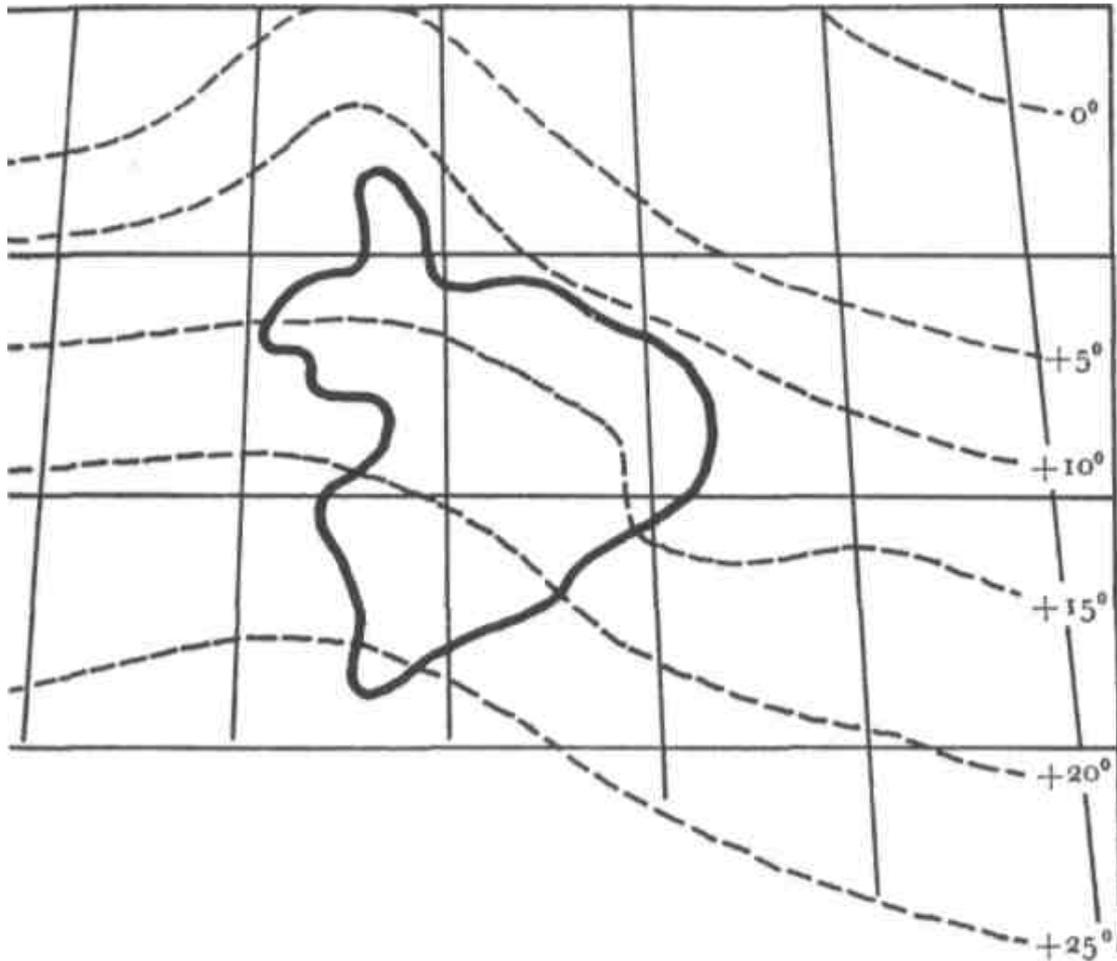


Figure 24. Isotherms on the map of Atlantis (scale of 1:20.000.000). In the Gulf, from the west, caused the decrease of the distance between the isotherms and the establishment of a "bag of gifts", a climate, the type that with which today benefits the North West Europe. In Atlantis, the air temperature varied from fresh, moderate (annual average, 10 ° C positive), and tropical, humid, warm (annual mean, 25 ° C positive). At that time, the island of Atlantis, blocking the Gulf Stream, the climate was more favorable under the Atlantic. With this privileged climate, nature spread their donations truly paradise with an abundance, which in turn produced a civilization far superior to the local existing continents and climatically less favored.

If I were to suspect that in the free flight of his unbridled imagination, the poet would have created a paradise of dreams, fictional, just look at Figure 24, the mixed-esque isotherms of Atlantis and subject to control in all its details, to verify that this paradise fits perfectly with the topography of that island, once divine, beautiful, wonderful and has long been submerged.

Mount Atlas and perhaps all of the ten highest peaks are active volcanoes. Certainly much longer expel lava at the time of the lower Tertiary period, the lava descended from falda, in rivers of liquid fire and flooded the great plains in the west, covering it with a thick layer, as has happened in many other places around the globe. The decomposed bodies of lava formed clay layers of quartzite, highly fertile, similar to the sandy-clay loam; contain large resources of minerals and almost everything about the plants require for their growth. In China and regions of north-west Hungary, the sandy-loam clay ensures high soil fertility, the composition of these layers, rich

harvests, for centuries, for millennia, attest to the excellence of those lands, where recorded, but never fertilized. Apparently, in addition to large reserves of minerals, the products of erosion of volcanic lavas also contain special substances which stimulate the flora; give a good crop land, as can be seen in Hegyalja, Hungary, and in the vicinity of Vesuvius and Etna. Nowhere in the vegetation is so lush, the flowers exude perfume is so stunning and so delicious taste of fruit, as the land covering an ancient volcanic soil. The wines of Hungary, Sicily and Naples are there to attest the quality of that particular mold, born of extinct land fires.

Atlantis was also a volcanic country. A volcano was his god. Volcanic, very fertile, it was his land of lava.

Activity in volcanoes expel water vapor and carbon dioxide, the two substances composing the hydrocarbon content in the plant body. The more humid the air, the more dense its "shell of carbon dioxide, both faster growth and more intensive the production of oil. Carbon dioxide enhances the scent of flowers, the fruit increases and multiplies the crops.

The presence of the Atlas, in combination with climate paradisíaco, explains the enormous fertility of that island, which by some critics, is considered the imaginary or grossly exaggerated. Indeed, were the two bits to cause heated exchange of arguments and counter-arguments, namely the fruit "pleasant" and the fruit that grows, like a tree and provides drinks, food and oil for anointing. But also in this respect, the credibility of the Platonic narrative can be tested and confirmed.

What would be the fruit "pleasant"? There could be the grape, which the god Dionysus was the first to make wine, as Plato would have used for both the word Greek, in the current season. Neither was a traditional cereals such as millet, barley, wheat, which are mentioned then. Similarly it could not have been a kind of fruit of good flavor, are also cited as the fruit of difficult conservation. However, the term fruit "nice" seems to define something more pleasant to the fruit, but of a more nutritious and higher maintenance. It would have been a banana? Kuntze was of the opinion that during the Quaternary, was cultivated to wild banana, *Musa paradisiacal* to obtain, or *Musa sapientium* in the same way as now form the seedless banana plantations. The climate for this plant, which needs a lot of heat, were found in west of Atlantis. Mainly because, there, in the region of the isotherms of 20 ° to 25 ° and thanks to the Gulf, dams on the coast, the temperature oscillations were almost zero throughout the year, which added a much humidity and heat, is a major requirements prior to the development of banana.

Easily larger than the fruit "pleasant", the tree can be identified undefined, providing drinks, food and oil for anointing. Can only have been the coconut (*Cocos nucifera*), also a typical tropical plant and very sensitive to temperature falls below the average required. Today, the coconut is no more known in the world of classical antiquity, probably, there no longer existed at the time of Plato, why neither he nor the Egyptian priest to have the name of plant the coasts of Africa and South Asia, however, did not exceed the region of Guinea. Where there were conditions for the growth of banana was also the coconut, and southwest of Grand Isle offered such circumstances, the example of how, today, exist in the West Indies.

Where the leaves of palm taste of rock the tropical breeze and proliferate bananas, can not miss the bamboo grass and other species of hot countries, whose shoots are the favorite dish of the pachyderm. Perhaps, the mangroves, as there are in the Amazon River delta, formed their gigantic roots loose from the profusion of plant pachandeliers. In this symphony in green, the orchids arose as colored spots, bright, and

this motley scene, tropical, also included the rhinos and crocodiles.

Of course, there were also elephants.

Today, the elephants still be only in India and in central Africa. However, Herodotus confirms that, over time, there were still elephants in north-west Africa:

"... This land (of maxias) and the other land of Libya, towards the west, have much more extensive forests and wild animals in many more people than pastors, because the western region of Libya, where are the nomads, has almost no elevation of the land which is flat and sandy to Rio Triton. However, from there, toward the west, the country of farmers has many mountains, forests and abundance of wild animals. There is snakes, lions, elephants, bears, horned asp and donkeys ... "(II, 191).

Moreover, the Quaternary period was the golden era of the giant mammals, now extinct, or in the process of extinction. South America had the Mastodons, in Europe the old elephant, a species of mammoth, as well as other varieties. Strictly speaking, there is no argument against the weight of obvious assumption that, in that large island, climate so varied, and elephants, presumably, the species *Elephas africanus*, had lived more ancient species such as the Mastodons in the humid coastal his Southwest-tropical, with tapirs and hippos, rhinos and other varieties of that family, once numerous. Moreover, what, compared with the climatology and the gradual penetration of scientific pre-historical events, is at present as very feasible and reasonable, the Egyptians and Greeks of classical antiquity and must have seemed quite out of range, unusual because they no knew about the elephant in India and could not have stopped believing that to speak with Plato: "... that kind which, by its nature, is the largest in size and consumes larger amount of food" exist only in so - "Libya." The contingency of this animal live in a place far away from there on an island in the sea world, to them before should have seemed more like fabulous, as worthy of credit. However, despite its low credibility, this detail into the tradition, and could hardly have been invented by the free will of Plato.

People Atlântida

What is known of the man who, in the lower Quaternary, lived under the Atlantic Ocean? It is just what it is known.

In the western perimeter missing completely authentic findings of bones. Can only assume but not prove nor deny that past, as today, there lived people of red skin, called the Indians, perhaps, like the Caribbean, and Guatemalan Mayans. Also in Northwest Africa virtually nothing was found, so only left to speculate that in the Quaternary, was inhabited by peoples of Mediterranean race, perhaps similar to the old Libyan, the Berbers of the contemporary era, or the Guanches, extinct. These men would be similar to Indians across the Atlantic, at least as far as to resemble Hamit the northeast of Africa, whose land they are very close.

In summary, the average type of men presents strong profile track, aquiline nose, high forehead, pulled back, with panache, black hair, smooth. The modern Indian shares these characteristics with their Mayan ancestors, as shown in numerous reliefs, so it must be permanent features of a human race. This is a bridge built on the ocean, leading to the world and the oldest cave paintings in Spain and west of France and thus is of particular importance for our subject. These cave paintings do not portray the man in the same way as realistic show the contemporary fauna, but enhance and

overvalue in expressionist style, characteristics, probably those considered by the artist and features specifically as "beautiful."

In these paintings the men are always high, strong, muscular, runners and hunters of dark red skin, and probably, as in fact were.

There are good reasons to give the Cro-Magnon, people of non-European origin, the oldest and at the same time, more artistically impressive paintings of Europe. Already been mentioned elsewhere that, in all likelihood, these people suddenly appeared to have come to Western Europe presumably the island of Atlantis, or through this island. In this regard, it remains to verify the accuracy of the theory of Lewis Spence, assuming a series of migratory waves, which have been responsible for the early colonization of Western Europe by individuals of different types of man of Neandertal. With the small number of relevant findings would also be permissible to suppose that those settlers were not tribal or nomadic peoples, but organized in the hunting expeditions, which left the island's large, highly civilized, and visited the vast virgin forests of Europe, so barbaric and wild, like how the current hunters visit Alaska or undertake safaris in Africa.

Anyway, the sort of Cro-Magnon is clearly distinguishes the type of Neandertal or Aurignac, who was the head man of the old Europe. With their superior weapons, forced the withdrawal of those primitive people to the alpine regions and its gradual extinction. The latest, after the cata-clismo of Atlantis, or at the time of transition for the five-Quaternary tenário, the man of Cro-Magnon, coming from the west, colonized Europe. Moreover, there are good reasons to consider it as the ancestor of a Nordic race, called the second region of Dalarna (Dalecarlia), Sweden. Thus, various elements can be used to attempt to reconstitute the Atlantic, despite the regrettable lack of positive data.

The Board 8 demonstrates this attempt at recovery, but without claiming to give the portrait of those human types. Even the skull of Cro-Magnon can only give the bone contours, so all the more to replenish the face was designed, with some arbitrariness, even looking to adopt the best of the criteria. Our review does not give the details with the sharpness desirable, but conveys a vivid picture of what that would be transmitted by simple reproduction of the skull. If a specific term for this people, to serve as a label pre-historical, anthropological, would be the proto-Indian American. The Cro-Magnon type is similar to the more modern type of Indian as any other types of human, for both, just look at the face of "Sitting Buli" (Sitting Bull), on the side.

The proto-Indian and the man of Cro-Magnon? This association of ideas will certainly be challenged by anthropologists. As a counter-argument, the following is a quote from a text, examined and approved by experts in the field, taken from the book by Herbert Wendt "Sucht ADAM ICH" - "In Search of Adam" (Melhoramentos Editions, 1965):

"In seventy years that have passed since that Chester Stock reflected on the footprints found in Carson City, were discovered several human bones and traces of civilizations in the entire American continent, from Minnesota to the Strait of Magellan. All these proto-Indians were of the type Homo sapiens, have the characteristics of the man of Cro-Magnon, mixed with Mongoloid features and Indians. Its age can be determined with considerable accuracy, thanks to the method of radiocarbon and test the fluoride. None of the skeletons lay for more of twelve millennia in American land ... "

Undoubtedly, these proto-contemporary American Indians were the last of them

certainly descend Atlantic and the most recent races of Indians. Of both - of the Atlantic type of Cro-Magnon and modern Indians - they have somatic characters as you continue to certify their bones, so must have represented an intermediate type between the Cro-Magnon, found in Europe, and the Indians of the Americas. Thus, the findings of the bones are close ethnic hypothetical circle that could be explained as involving a prehistoric Atlantis, its supposed center, whose inhabitants, then the owners of the world, have brought their influence to the continents of the Old and New world where, without the use of force, but only by its settlers and pioneers, they would spread their consanguineous Atlântida heritage, common to all these guys human. And as the second witness of the cave paintings, these men of Cro-Magnon were brown skin, reddish, it can consider them as the prototypes of ndio American.

The skin brown, red, is an indelible feature of the Indian, person of blood type, muscular, athletic, in constant motion. Therefore, it sxplica the symbolic meaning of red among the ancients pritimivos, inhabitants of the pyramids and the belt marked by the influence of primitive civilization Atlantis. Here are some examples, taken at random, to illustrate this point.

Until now, the still red as the color of the imperial emblems, real, of princes and cardinals. The images of gods and triunfadores were painted in red. The ancient Egyptians preferred the red tones in makeup-living, as demonstrated by the statue of Ranofer (IV Dynasty). The purple is the color adopted by the Church for their great celebrations. Always and invariably, the color of blood is linked to the concept of supreme power, the triumph and glory. That color would be a never forgotten memory of the ancient rulers of the world, the red-skins of Atlantis?

These red-skins would be the "first men"? This was the explanation of the name of the first man, Adam, meaning "red", the first example of the land is called Adamah, red? Incidentally, today is to explain the Bible verse that reads:

"It was huge at that time on earth ... and powerful men who were long famous." (Gen. 6.4).

In fact there might be giant men? Faria Meganthropus reference to this verse, of which a fragment of lower jaw with three teeth, was found in Java, however, allow for the completion of a certain primitive man, or a giant ape, like the Gigantopithecus, sizes further or the African Paranthropus crassidens?

Moreover, we need not penetrate so deep in the shadows of primitive times, to realize that those were "giants ... and powerful men who were long famous." Just compare the reconstitution of the proven and guaranteed to Cro-Magnon man and the man of Neandertal to understand this strange biblical verse.

Figure 25 outlines the three bones in the same scale. On the left we have the man of Neandertal, antediluvian, in the center, an Australian original, recent, as representative of a normal type of primitive man, right, the man of Cro-Magnon. The man of Neandertal, European, on average, less than 1.60 m tall, was a dwarf, stocky body, bony, in comparison, of the Cro-Magnon, nothing less bony, but going from 2 m height, was a true giant, like the biblical Goliath, killed by David with the sling shot. Thus, in fig. 25 shows on the left, the midget history, the man of Neandertal and to the right, the giant, also history, the man of Cro-Magnon. Therefore, leads to the conclusion that the old tales and legends of giants and dwarfs have real basic, like how almost all the myths have.

It is usually considered the man of Neandertal as a secondary branch of the tree of

humanity contemporary, dating to its origin from 50,000 to 100,000 years ago. The broadly, this could be true, as would also correct the assumption that the man of Cro-Magnon types and Aurignac, emerged in the last stages of glaciation, already considered the type sapiens, were responsible for their extinction. However, in this case, it accepted a temporary coexistence of "dwarf" and "Giant." It will, however, that there was never a mixture of races? It is supposed that the last refuge of the man-type primitive Europe were the Alpine redoubt in central Europe, and there will not be retained something of their characters hereditary? So surreptitiously, the man of Neandertal survives in their descendants, the example of how the fairy tale speaks of the dwarves, live in caves, hollow mountains and lived there the ancient hunters of bears, which, despite its nickname anthropological, were men of truth, which, over time and with their way of life, more primitive, have the equivalent knowledge and wisdom of men classified as "sapiens." These two human diluvial were contemporaries and competitors, but the men of the type of Cro-Magnon took advantage of the Neandertal, not only for its highest stature, but also by carrying weapons and more sophisticated and deadly.

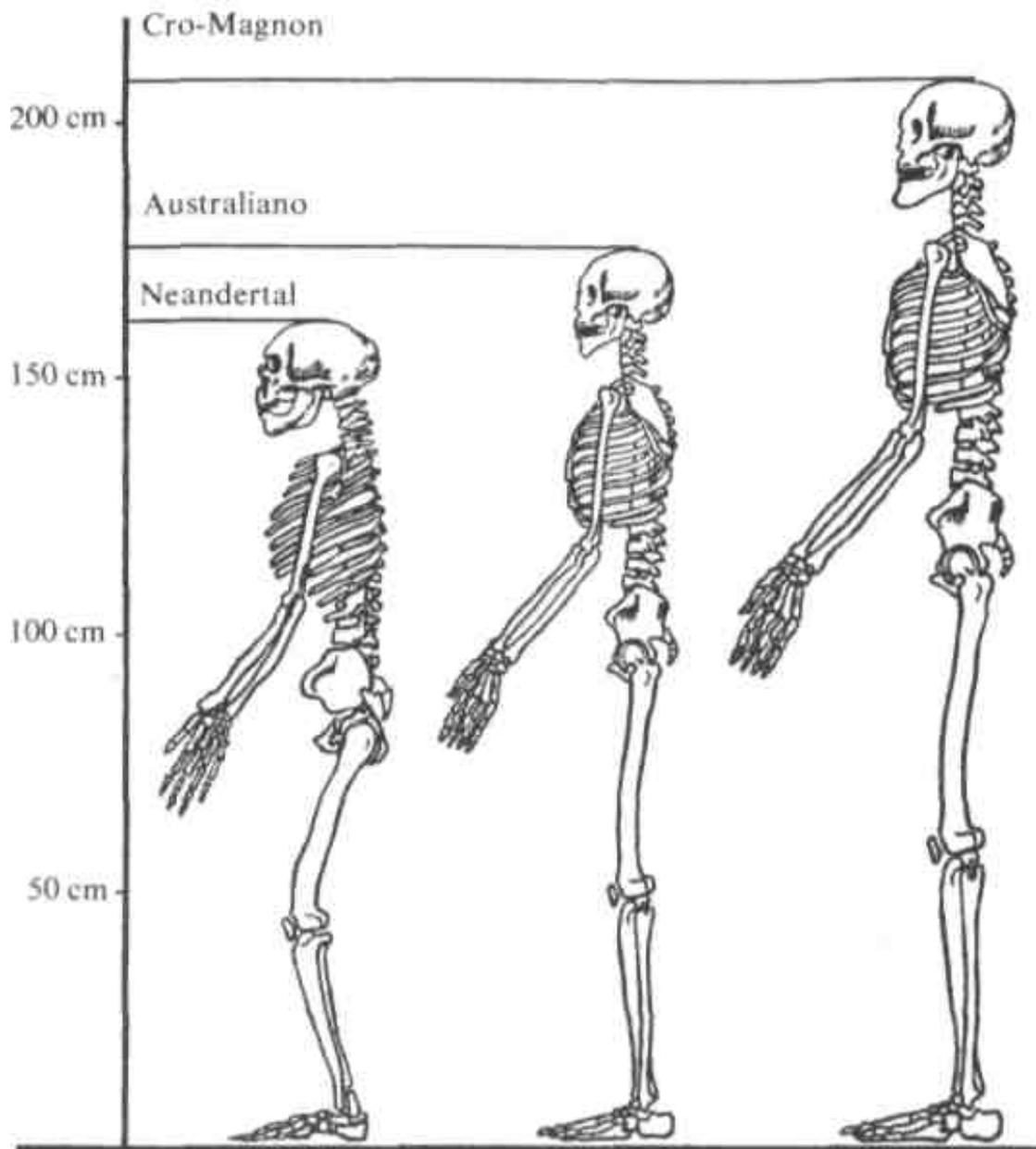


Figure 25. In those days there were giants on earth ... A comparison of the heights of the skeleton diagrammatically in diagram, respectively, a man of Neandertal, antediluvian, an Australian, a man of recent and Cro-Magnon, or member of the Atlantis race, shows that the latter was of huge proportions, in for prehistoric human types and recent. (Measures indicated by Hermann Klaatsch.)

However, short stature was not only the man of Neandertal, description of an entire ethnic group, but were low all representatives of the old human types, except in only the Cro-Magnon and his supposed relatives, the type Aurignac . This point is clarified in compliance with the bones of the lower Palaeolithic period and the tools of stone and polished stone shavings, at the time. The wedges aqueuleana civilization and artifacts even earlier, fall-so only in small hands. The swords and daggers to the Bronze Age, found on European soil since the graves of Hallstatt, Austria, to the tombs in the form of a pit of Peloponnese, Greece, cables have surprisingly delicate to the point, for a long time, weapons have been declared as female. And until the medieval garments, the German knights, are small for modern men of normal stature.

Apparently, high stature is a sign of degeneration and thus attributed to the final stages of a civilization, the example of the short stature of "dwarf" is regarded as indicating an early stage. In this sequence of ideas, the pioneers of Cro-Magnon, torso ethnic Atlantis, with its high structure, the fit off, massive, were the representatives of the final phase of a cycle civilization. Can hardly pass unnoticed by the marked indignation with the cultural biases of the then owners of the world, which, according to the legends of the flood, led to the angry gods terrible punishment, which punished that primitive part of humanity that, by arrogance and perversity, transgressed the laws, governing the condition of land and, therefore, deserves to be punished. Also the Bible speaks about:

"God, it was great seeing the malice of men on earth and that all thoughts of his heart were continuously applied to evil, repent of having made man on earth. And touched the intimate pain of heart, said : Exterminate the face of the man who created the earth, from man to animals, from reptiles to the birds of heaven, because I have done the heavy. "

(Gen. 6, 5-7)

The deluge that, in large part, destroyed the world back then, was the punishment for such their owners, the giants of Atlantis. They were the "powerful and long famous" that subjugated all the peoples around you.

Apparently, it was not by chance that the people of Atlantis back to its origin to the giant Atlas, who regarded as his god-father, for them, their gigantic stature should have been proof of his foreign descent divine. It is indeed strange that in all the old legends, the giant talking, except for distortions, dating from later times, they appear as bearers of civilization. A giant built the castles of the Nordic gods, because they would not have met the necessary conditions for both. The mammoth document works of antiquity are pre-assigned or giants, or Poseidon, which is not only the god of the sea, but is still called "what makes the earth shake," which is a very clear indication of their relationship physical with Atlas-volcano. In one way or another, every culture, every civilization in the fire, a god in flames. Vulcano is older than Jupiter, Tvastr older than Indra or Brahma, Ptah older than Osiris, Loki older than Odin. And the auxiliary that God is the original iron-ros-giant, the Cyclops, the demigod of enormous physical strength and offspring unreported, which flout all deities. In the "Odyssey" are called sons of Poseidon, are anthropophagi and only losers are the low cunning of men, weak, postdiluvial. They, the Cyclops, throw huge stones against their enemies, who killed with their maces pesadíssimas, their huge hammers of stone, struggling with their huge spears and, moreover, threatened, often, the power of the Olympic gods. These legends, when surveyed on their reasons, throw some light on those times remotíssimos, when the Giants dominated the Earth, until it drowned in the flood waters.

A comparison of Bible verses with the Platonic tale, concerning the reasons for the annihilation of humanity antediluvian, shows that an agreement could hardly be pure coincidence. Cites as motivation of perversity is the gradual loss of divine inheritance, his constant wear, "because the children of God had trade with the daughters of men" (Gen. 6.4). This was the unforgivable fault, sufficiently serious, for this cause, punish the entire Earth? Or were other reasons for the ultimate punishment?

Atlantis, Great Power

The Figure 26 shows the island, dominating the seas, a Albion prehistoric as a powerful focus irradiation, reaching all the coastal regions of the Atlantic and the Mediterranean, to be reached by sea. The Atlantis was a great power. Does the ancient legends, pre-Homeric, feáceos of the fabulous people, the distant island of Ski, in the end point of the sea in the world, contain a memory of Atlantis? There are certain similarities in the narratives of Homer, describing the temple of Alcínoo and description of the temple of Poseidon in Atlantis, to support this conjecture.

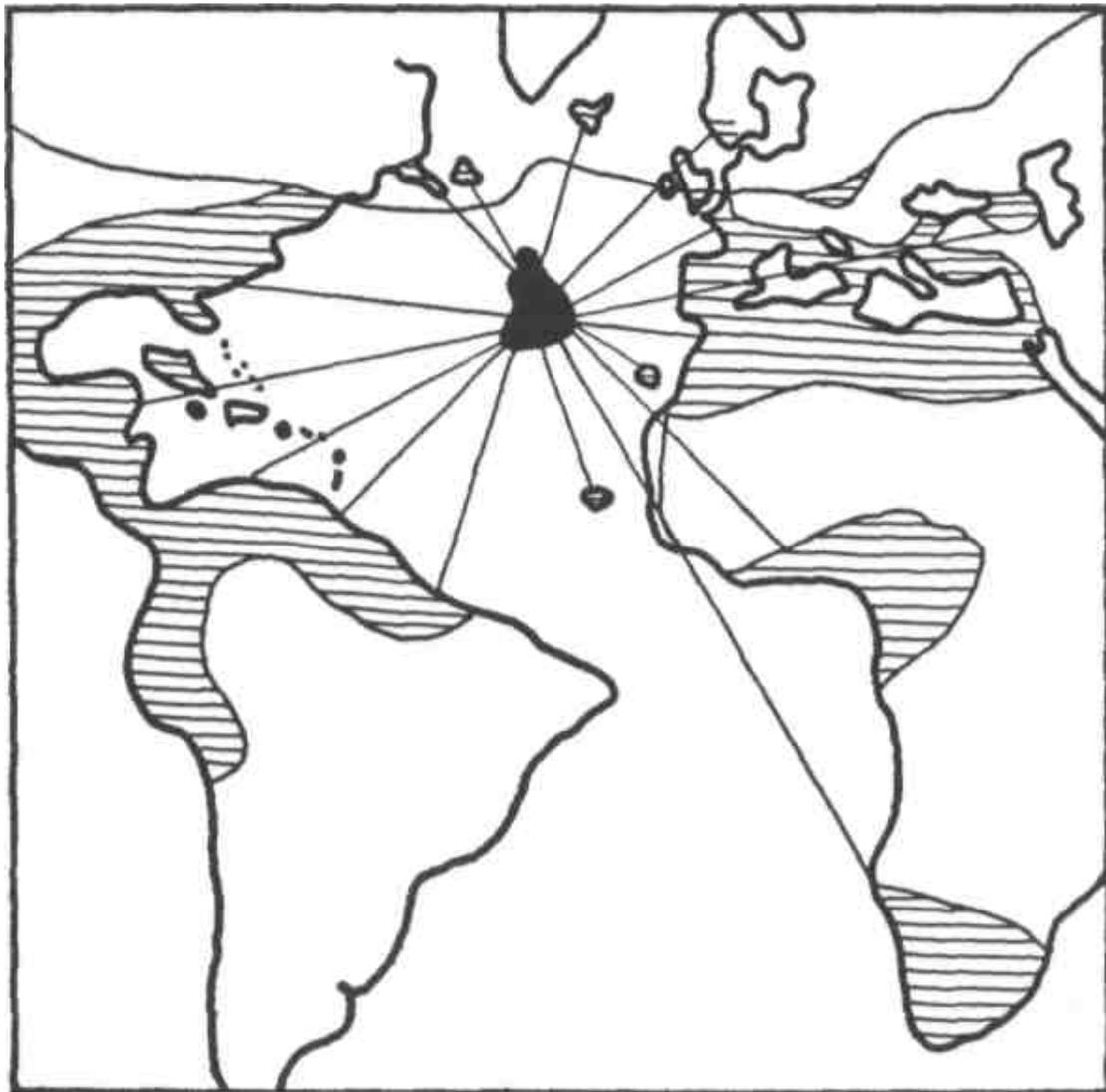


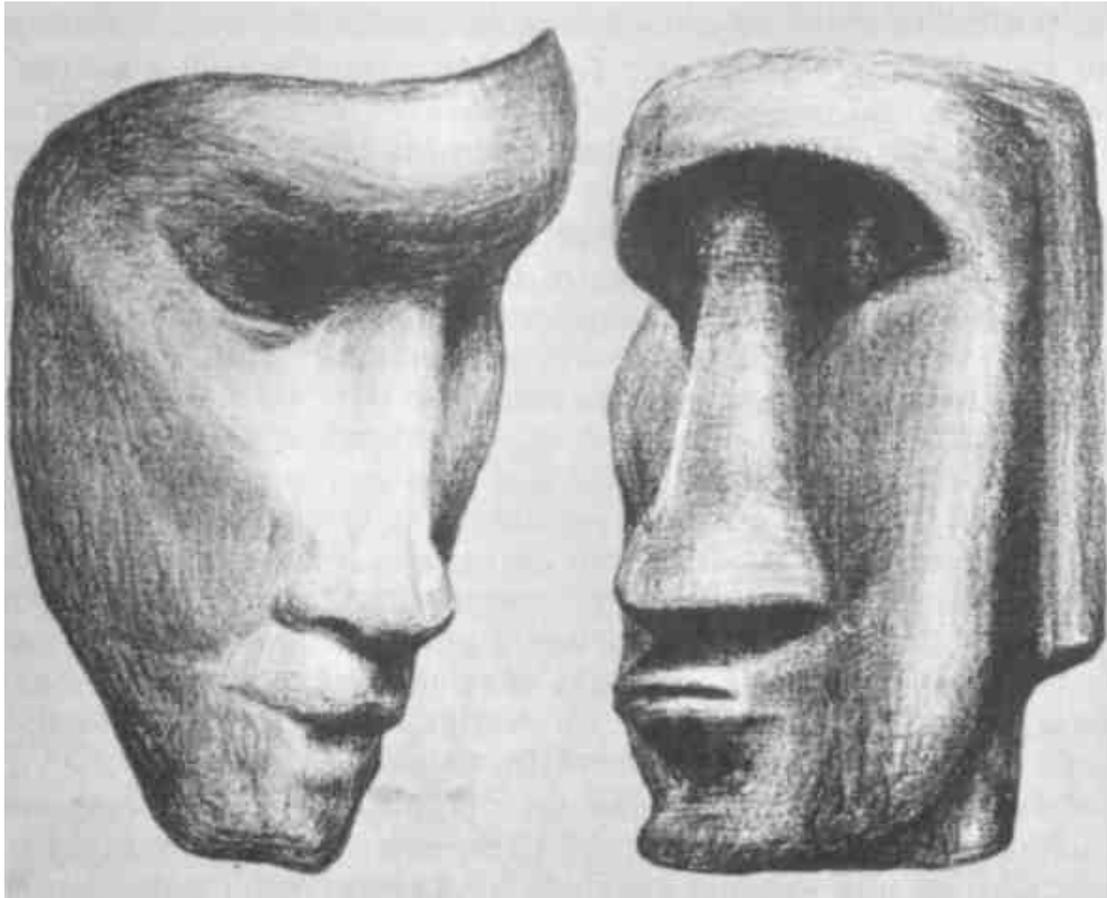
Figure 26. Atlantis - light of the world inhabited by man in red leather. Everywhere where several authors found a "his" Atlantis, found evidence for their argument, advocating supposed cultural relations with that ancient center of civilization. The drawing above, recording the results of research not orthodox about Atlantis, shows the sphere of influence that focus the light from an extinct that, over time, illuminated the world of man with red skin, thus indicating the approximate size of the first global empire built by the people of that race.

However, who would be Plato, consciously or unconsciously, was under the influence

of the "Odyssey", which met very well, or if both stories have a common origin? As it was, in fact, Poseidon? It would have been similar to the mythical city on the island of Ski, or which would be more likely, with the port city on Lake Titicaca, never finished, but destroyed in primitive times and that, today, is the thousands of meters above sea level? In the database provided by Posnansky, Rolf Müller calculated the age of that city, Tiahuanaco, worth up to this, certain structural values. Using all relevant factors, including the oldest authentic historical data on the oblique angle, ecliptic, that it plays a decisive role, Müller found the time around 9500 BC, in perfect keeping with the Platonic narrative. Does Tiahuanaco empire belonged to the sea of the Atlantic, despite its location on the Pacific side of South America? Is the Atlantis empire would have extended up to or beyond this point? The Atlantic have been the first browser to trust to the current of Humboldt, as recently done so damn crew intrepid Norwegians? They were the first to tread the soil of Easter Island? The giant alien head erected there shows in some of its features, like the man with the type of Aurignac of old Europe. There are a number of questions, without waiting for reply (Board 9).

Another problem with this complex of questions to be answered and possibly susceptible to answer, relates to traces of the language Atlantis. It may be that recent languages still closed identifiable remains of a language, once universal, dating from Upper Palaeolithic? Of course, for the etymology, this question should be given but a slight shake of his head.

Where there is a possibility to find such traces of a remote language? In any way could be found in the languages of the Indo-European language family, which for this season came in too late, rather, is the fractional language, erratic, are not in any conventional language of schemes. On European soil, the Basque language is part of that group. F. N. FINCK undoubtedly one of the highest authorities in comparative philology, the Basque as the legitimate continuation of the Iberian and older, and known only through inscriptions on coins. In turn, is classified by the Ibero FINCK in a group of unknown languages, which comprises "Caucasian family of languages, including those of the Chaldeans, hittite, mitanis, líquios, the inhabitants of the Sea of Kara, the Lydian, Misi, pisídiós, Isauro, licaônios, charlatan and Etruscans. The ancient Romans called the Basques of Vasconia; themselves are self-nak eskulda, which means eskara = auskara men or speakers. In this context, FINCK eskara emphasized that the term does not relate only to the Vasconia (Roman), meaning Basque, but also with ausci, name of a people of ancient Gallic Aquitaine. Possibly it is peoples relatives. For our case, the Basque language is of particular importance have been discovered by a certain similarity between the Basque and some Siberian languages. Thus, modern nomads, living in the Peninsula Chuckchi in the extreme northern tip of Asia, speaking a language that in some aspects, remember the Basque. And, in turn, the language of these nomads, whose shot is the animal of reindeer, appears to be some kinship with extinct languages of Mediterranean peoples, prehistoric and early history of, including living in Asia Minor. The following conjecture, perfectly plausible, is advocated by von Natzmer: "... in the remote valleys of the Pyrenees, and that remote peninsula of Siberia ... were kept some last vestiges of a Southern-European language, the era of glaciation. ... "



9 board. Types of Aurignac in Europe and Easter Island? The girl's head, the left is the design of a sculpture in ivory, the genuine kind of Aurignac (place of discovery: Unterwisternitz, Moravia, Slovakia, Tchechoslová). In their characteristics (low forehead, protruding part of the eye, long nose, small mouth, chin strongly profiled, head long, thin face) is similar, markedly, the type (right) of foreign "head of ancestors," on Easter Island (Rapanui). Nobody knows that time, before the time, those monuments datariam enigmatic and why the symbols of Easter Island's written recall the characters of Mohenjo-daro (India). Would be the influence of a glacial civilization, spread across the globe?

The philologist von Natzmer motivate this hypothesis with extensive migration, continued for centuries, the people of that time hunters. Of course, their territories of hunting came up with frequency, following the change of the various stages of glaciation. Thus, according to von Natzmer, some nomads have advanced to Siberia, while others have found temporary asylum in the Pyrenees. As a comple-tion, it can add this question: why not also have found refuge in the valleys of the Caucasus, similar to Auckland? Certainly, FINCK had good reason to classify the Basque language among cau-Casian. Moreover, he says verbatim:

"All these languages and dialects South Caucasian are related to the language of the ancient Iberians, who in times of Herodotus certainly was still fairly uniform. However, the mingrélios and Laso, who also speak a language South cauca-Sian, are considered and rightly, as descendants of former cólquicos. However, this does not exclude the contingency, in ancient times, they exchanged their own language by ibérico. Also, the already mentioned similarity between the language mingrélio and Georgia, which is

known authentic continuation of the old Iberian, is an indication for the *cólquico* be connected with the Egyptian, as also mentioned by Herodotus to. In this case the evolution difficult it could be processed differently than assumed here ... "

With these explanations etymology of a reputation, some data contained in the book "SHADOW OF ATLANTIS" - Shadow of Atlantis - by A. Bra-Ghini, gain weight. However, the Basque language has many roots and words that exactly match the Georgian language.

In this work, the author of:

"Presence of the fact that a former Russian official of Georgian descent, was able to understand is the people of the region, soon after their arrival in northern Spain. He spoke in Georgian, but the Basques and the felt .. .

A. Braghin account other things, that the Basque have a striking similarity with the Japanese. Could well be because the ancestral trunk of the Japanese modern Mongoloid origin be *tungúsia* and in their migration to the East, certainly came into contact with the nomads, who used the animal as the reindeer shot. Also, the Turkmens and *ugrofinicos* were also relatives and neighbors of *tungueses*. Considering also that, according FINCK the lesser-known languages of the peoples of pre-ancient Mediterranean were also part of the circle of kinship, further away from the original Basque, the language of the oldest indigenous tribe *italic*, called *Oscó*, identical with *ausci*, *Vasconia*, suddenly comes across an extensive family linguistics, branched through time and space. The Basque, the erratic stranger among European languages, suddenly emerge as a last vestige of universal language, pre-historical, universal language and also across the Atlantic. A. Braghin talk about their experiences:

"In Guatemala I heard often from a Indian tribe, which inhabits the district of *Petén* in the north of the country. This tribe speaks a language similar to the Basque and I know if a Basque missionary sermons delivered there in their mother tongue, which were perfectly well understood and accepted. "

FINCK Second, the language of the natives, the *lacandónios* that inhabit the district of *Petén* is an ancient language used only by fragments a few hundred people. And again is an indication of the remote past. Furthermore, by strange coincidence, this hypothesis has been supported by a report, cited by C. W. Ceram, in his book "GOETTER, GRAEBER UND GE-Lehrte" - Gods Tombs and Wise (Melhoramentos Editions, 1974):

"In 1947, an expedition led by Giles Grevillea Healy left for *Bonamia-pak*, in *Chiapas* (*Petén*) ... Once more were eleven stately temples of Old Kingdom, which may be dated from the period just prior to the emigration .. . However, this time finding the miracle by Healy in the jungles were the cave paintings ... "

Healy made the photo a couple of these before *Lacandona* paintings, his face has emerged as a true copy of the profile of a Maya king, portrayed in the painting. Through many centuries, kept up the characteristics of the people endangered, not only in language but also in the face of *lacandónios* and customs, which are of ancient date. Will, once the Atlantic would be like the modern *lacandónios*?

Petén is not far from Tula, Mexico. There lives a tribe of indigenous Otomí also interesting, and whose language Braghin writes:

"These Indians speak the ancient Japanese and when the ambassador of Japan in Mexico there was a visit, talked with them in that ancient dialect ..."

This relationship between language comes close linguistic circle in a way surprising, unexpected. If the Japanese is cognate with the Georgia-Giano, for its ancient tunguses components and Georgia, through its parent, the Basque, with the Guatemalan then not surprising the fact that Otomí, linked to the Guatemalans, understand the ancient Japanese. So, all these languages, related to each other, should be based on a universal language of ancient date.

Fester was especially Richard who, in his book "EISZEIT WAR DIE GANZ ANDERS - The Era of glaciations was completely different (1973), researched the archetypes of the primitive human language. He studied the basic seis.palavras, Ba, Kall, That, The, ASQ, Tag, with modifications to its speech and its meaning and, in the course of this work, has to coordinate many languages. That his work of recognized value, Fester reverted to the idea, formulated by von Humboldt, establishing basic relationship between stem 125 languages, spoken around the globe, which classified according to their degree of "kinship."

Supposed that, as the Professor said. Liebermann, the man of Neander-tal had not yet pharynx, and therefore was not able to articulate a complete language, the man of Cro-Magnon was already evolved to the point of being able to speak a language, which would explain its general supremacy and tactics on the first. However, if so, then the top center of an evolving language should also be sought between the representatives of the type of Cro-Magnon.

Language is a protocol of time before the time, there is a fundamental program, uniform, approved by Paleolingística, which includes all modern languages, and meanwhile extinct.

The Basque, language of ancient Iberians, seems to be the next of kin that ancient universal language, today only indirectly visible because ultimately all the similarities mentioned, and partly extremely surprising, etão linked to the Basque primitive that either is its root and serves as a mediator. Until today, the Basques are still living in Spain and southern France. Probably there are since time immemorial. According express statement of Plato, that part of Europe was in the kingdom Atlantis. On European soil, the Basques were the closest neighbors of Atlantis; them there are still survivors. It can say that there exists a trace left by Atlantis?

One reason for this conjecture has been presented by the Basques, who still retain a clear and accurate memory of Atlantis. In this regard, we have the report of Ernst von Salomon, in his travel book "The German in France." There, the year of 1930, Salomon met in St.-Jean-de-Luz a king of the smugglers, he was Basque, the aquiline nose and spoke of his people:

"The Basque people are more educated, more proud and more free of the Earth and even today, retain their way of being, as described in Titus, still wearing the same clothes, use the same knives and cultivate their fields, as always the cultivars. None of them betray their way of life, yet all speak their language, the oldest in the world. "

And interviewed by Salomon continues saying: "The Basques are the last survivors of a

world more beautiful, more free, more proud to have been gone along with the island of Atlantis, the Pyrenees are one of the last pillars of that world, the other pillars are the mountains of Morocco ... "

If it is true what the Basque spoke, then across the kingdom Atlantis in America, it should find something similar. Yes, there is this analogy, and emerge in the form of some identities quite significant.

Until today the Basques, of beak, bearing the profile of the ancient Maya "on the other side" (Surf equipment 10, 11) and lacandônios Indians, descendants of his most pure race. And, according Boudoin (based on Braghin) profile that is recorded in an old stone in selling French, visible only when the tide is low.

Another feature is identical in agriculture. As correctly reported by Salomon and susceptible of proof, to the present practice the Basques a very old-fashioned cultivar of the field. They do not use plow, but the "layas", sticks of two points, in the form of a fork, which bite the earth, releasing it, like how does the gardener in your garden, then put it seeds. This practice certainly is strange in a country that since millennia, is the plow and the methods of extensive agriculture. But it seems even more strange coincidence that the way to plow the ground be found, too, among the Indians of Central America, which also use the "layas" and cultivate the land using methods practiced in the ancient Mayan kingdom. In this regard, C. W. Ceram writes:

"Throughout its entire history, the Maya made their agriculture using the most rudimentary. The farming was done with a planting stick. They do the following: In the area of jungle, all the trees were torn down in After dry the wood just before the start of the rainy season, there were a fire. Soon after the rains, pegavam long and pointed sticks to loosen the earth and every open hole with the stick then damaged a few grains of corn ... "

Right and left Atlantic in regions separated by a distance of 8.000km, remains one and same method agriculture! In view of this perhaps would be allowed to assume that on an island, situated in the middle of the road, it would have been charged this selfsame method, as there in that island and the conditions for agriculture were standardized and more favorable than in continents on both sides of the Atlantic , perhaps there where people have civilized continental less learned to plow the land in Atlantis, the island located in the middle of the Atlantic Ocean. In this sequence of ideas meets mention the fact that what the Maya lands, covered with jungles, did not give the desired results, must have given abundant harvests in the Atlantic plains, well ventilated, well irrigated and fertilized with the sludge, deposited there by the rivers down the mountains. With the Basques, the ancient method of drawing up the land with the stick from both ends, the agricultural tool Atlantis provides satisfactory results to this day, therefore, there is also fertile plains, very suitable for agriculture. Hondurans in the jungles of the Andes, this method could not work out, and this, the Mayan people had to abandon its splendid cities, which have died of hunger and always go in search of new lands, to ensure their livelihood.

Finally, the "basque pelota, the Basque national game, is yet another revealing identities of those traits here and there. In this respect, Salomon writes:

"The rules of this game are the simplest possible and imaginable, however it requires the most skill imaginable. In each wall, the children play the pellet and walls of the

churches there is a warning 'pelota banned' - banned playing pelota. However, the pellets old, genuine, was the fight game, with players thoroughly trained. played two teams of one, or better yet, two men each. The ball. the size of a tennis ball, a dark material, hard and highly elastic, was launched by one player against a wall square, then from there hit the ball back and a player of the opponent team should return it, with the bare hand, intercepting it, or the player facing the wall, or from that, behind, returned the ball missed the front. A square depression in the lower right corner of the security wall in amazing varieties trajectory of the ball ... "

The ball could be returned with a bare hand or with a club stuck in an-tebraço and which, it seems, developed a tennis racquet. The following is part of the historical work of Eduard Stucken, "DIE WEISSEN GOETTER" - The Gods White, describing a favorite game of high Mexican aristocracy:

"The rules of the game the ball was extremely grotesque. Rubber balls, red, blue and yellow, the size of an apple, were released to the air with a racquet, strips of leather count, ending in the form of a horseshoe. Only the most skillful of players managed to make the ball go through the opening in the stone, after the ball had crossed the opening in the stone, the opponent had to catch it and return it without much use for the arms or hands, but the shoulders the head, the hips or the buttocks. time or another, the ball was in the buttocks buttocks, and in their positions rather odd, players remembered leaping frogs or monkeys ... "

For you see, the former Mexico invented some changes to make the game more sophisticated, but, moreover it was the same as far as the right to the left of the Atlantic. Did the kings and nobles from the Island of Atlantis has played a pellet, ten millennia ago, the example of the Emperor as the Mon-tezuma played in times of Hernando Cortes, and the Basques continue to play it in the days of today? The racquet and the pellet Laya, the planting of wood, features ethnic and linguistic similarities interlock the peoples on both sides of the Atlantic Ocean, but always and only those who once had cultural relations with the owners of the universal empire now submerged. These arguments are to complete the similarities between the enigmatic ancient civilizations of the Old and New World, known from previous studies and has already highlighted by von Hum-Boldt. All these elements indicate a common cause, a common center, the Atlantis, the heart of this maritime empire has long gone, and whose echoes can be distant in the shadows of the past tracing remote, only the indirect way and the expense of great efforts. As the primitive cultural center itself disappeared, only indirect analogies can be made by way of arguments, indicating cultural links and missing remotíssimos lost to time. However, these analogies have no evidential value and, we may consider them as valid evidence of the likelihood of that supposed center of civilization really existed. Can not wait for more positive results, while the bottom retains the key witnesses of Atlantis. However, what has been found is better than nothing, and besides, the Atlantis, with its advanced civilization, has not disappeared from the face of the whole earth.

The disaster of Atlantis and its Geological Evidence

As was missing an exact proof, the scope of natural science, proving the existence of

Atlantis, were allowed to speak for or against the alleged existence. However, after the presentation of such evidence, based on arguments, there can be no more doubt about that in the Quaternary period, this island in fact divert the Gulf Stream to the west. The critical paleoclimática revealed, with certainty, that the glaciers in the North West European progressed to 52 ° latitude, and only a function of the Gulf that otherwise would have caused the melting and retreat would not have reached the European shores, but just a great island in the middle of the ocean which gave its name. What once existed above sea level and now there no longer exists, can only become submarine, which is impossible since such massive land have been dissolved into nothing. The map of the deep Atlantic revealed this secret. The island was submerged. With its imposing walls and large channels, has become massive in natural ground, submarine, located in the exact point, because the contrary would be an inexplicable coincidence, in the Gulf, free and clear, bringing its waters to the east.

The external appearances indicate that the island actually disappeared lock-step of glaciation and topography of the seabed where it sank to shows. At this point, the geological evidence is undisputed, perfect. It is now studying in detail, as it was that big island in the metamorphosis massive underwater ground floor, with these studies is of any reference to the Platonic narrative, the popular legends and the whole complex of problems surrounding the prehistoric island of Atlantis.

In another part has already been mentioned that Alfred Wegener did not believe in the existence of an island-blocking in the Atlantic because, according to its layout, the edges of the two systems of tectonic plates on the right and left of the ocean, combined well in the absence of a turf intermediary. The Figure 27 shows the geological evidence relevant.

The South, the argument is well reasoned Wegener. The west coast of Africa adjusts itself perfectly to the west coast of the Brazilian plate tectonics, the big nose, which divides the current of Monções, enough to fill the Gulf of Guinea are called. However, the North, to the perimeter of the North Atlantic, the argument loses its validity. The Canadian turf does not show any boss, able to fill the great emptiness called Gulf of Biscay. There, a huge hole opens up between the continental plates, too large to be covered by a ultratolerante crayon. At this point the Reconst-tion of Wegener's admirable in its basic concepts, and of great merit, is subject to correction. In order to proceed with this fix, urges further on the basic ideas that guided the conceptualization of Wegener.

The idea that, from a specified time, the Old and New World moved away each other, should also be valid for the state of things before this removal. Previously, the tectonic plates formed an integral system, which broke over a certain line of disruption, for now no matter the reason of such breach.



Figure 27. The edges of tectonic plates do not fit. Against the exhibition of Alfred Wegener, the edges of the plates are arranged only in the South Atlantic, where it comes from South America and Africa, but fail to adjust to the North Atlantic, a fact of utmost importance for our subject. There, between Africa and Europe, on the one hand, it is Canada, and the other side there is a "black spot", a vacuum, the basin of northeast Mexico, formed by erosion (M). In the North Atlantic is impossible to combine the cards, unless it is considered for both the dorsal Atlantic.

The crack was not located in any point on the Earth's surface, but between the two systems of tectonic plates and, therefore, certainly today, where there are separated by a large pit of water formed by the Atlantic.

Arbitrarily, the reconstitution of Wegener assumes the total disappearance of crack, the point of the separation was caused by a break over the cards so perfect that, if they were reconstituted, their edges are adjusted as part of a game of Puzzle. Even less so made explicit, this is the fundamental idea of the restoration of Alfred Wegener.

However, such failure is rebuilding under the quantitative element, as shown in Figure 27, neither can be correct about their intellectual assumption. Just happens that the continental plates do not match, as they should combine, in a game of puzzles.

Only a fairly homogeneous body, such as a steel plate, can be cut into parts perfectly accurate and circumvented. However, the geological situation has completely different materials and configurations. Starting with primitive plate, as alleged by Wegener was not a homogeneous formation, but a mosaic that is to cool and shrink while the melting pot incandescent, was fragmented into a thousand pieces. Grooves and cracks in these pieces came from the liquid magma, pre-EN-ing them. According to the terminology introduced by Eduard Suess, the cracks between the boards are composed of Simon Sial, which came under the relatively narrow crevices of the mantle of SIAL disintegrated during the process of cooling.

Which would be grounds for removal of the plates of SIAL, right and left of the line of rupture, this assumes that the Sima desgradaram, entered into their slots and pasting them. While it broke the plates, the adhesive element of substance identical to the substrate of Simon, remains in its original place by glue more strongly in the Sima, which edges of the plates of SIAL, the alien substance. And while the SIAL cards differ from each other in positive secretion of the old line of fracture, ie the backbone formed by Sima, remains in place. Then comes back as a narrow, thick many, whose retrace edges, exact lines, the outlines of the tectonic plates that is rid of him. Only if that always equal thickness dorsal present, would be the perfect adjustment of continental plates. This can happen, but not always the case. In the South Atlantic, the East and West African Brazilian combine example of how you adjust to Scandinavia, Iceland and Greenland, on the shores of the Arctic Sea. However, except in those regions, the dorsal Atlantic is not a smooth track, the sides parallel, but a complicated system of differences.

First, we must determine what really represents dorsal Atlantic; wrinkling is not a submarine, nor a submerged chain of mountains, but the mold of Simon that I was after the break and away from the system of tectonic plates. These plates started to move away from each other at the exact point of the dorsal Atlantic, the Old World, the most massive plate, departed for the East, moving slower than the New World to the West, why, today to date, the dorsal Atlantic is closer to Europe than North America. The geological evidence shows the original location, the original two continental plates, before their separation and their subsequent removal reciprocal.

It is of special importance to the fact that these contours corrected much better match with the different continental plates, as shown in Figs. 27 and 28. The western edge of Europe fits into the eastern edge of the dorsal Atlantic. In turn, the eastern edge of North America adjusts to the dorsal edge of the western Atlantic, at least one point, located between Florida and Cape Hatteras. There must once have existed that land at any time later, collapsed and sank, and it is precisely this gap still to play important role.

For a full understanding of the removal not just the continental model of restoration, designed by Wegener, right in your principles and quite impressive, showing how the plates are floating in the substrate of Simon, as the ice floating in water. They do not float, they are trapped in that body thick, sticky, the sticky secure with powerful forces. The moment we begin to move, enormous energy is released by the tremendous friction, caused the side edges and lower parts of the cards, sent to all locations where the hardest SIAL is stuck in the Sima, sticky like pitch. Therefore, movements of the removal process is not so simple and without consequence.



Figure 28. The hordes of tectonic plates adjust to the dorsal Atlantic. The outline map shows, in parallel projection, the right angle, the position of tectonic plates in the third less than before the first removal mainland. The plates fit in perfectly to the edges of the dorsal Atlantic, only basin in the U.S., a "black-spot" marks an erosion of land has since registered.

The outgoing board is subject to abrasion; time or another, it is off or more smaller segments, which were then buried in the "Sima-keel", demarcating the direction taken in its removal.

Thus, the Figure 29 gives an example, you will see there the course followed by the

removal, U-shaped, of Patagonia, demarcating its passage by the Southern Sandwich Islands, the southern group of the Orkneys, the Shetlands and South by the Palmer Archipelago, in the direction of Graham Land, through the Falkland Islands and the small island of Slaten, towards the north. These islands do not represent the remaining, neither the pillars of the bridge formed by a chunk of land submerged, as the theory of the bridge, but the markings are readily identifiable, left by removal of a movement and abrasion of cubes, on time remotíssimos. The geological interpretation of such evidence encourages their understanding as to find the observer is able to see how Sima erodes the plan of a continent and erodes the edges of the cubes, segments of them loosing large and small, that holds, while the heavy block of SIAL still away. The geological evidence shown by fig. 30 supports such interpretation. This is the system of gaps for Atlantic that ended puzzles geologists and oceanographers still larger than those around the Atlantic origin of the dorsal, central.

They leave gaps cross dorsal to the right and left, quite regularly arranged and reminding branches from the trunk of a tree. In most cases lead fragments in their points of islands. Are also traces left by movement of removal, marking the path taken by different segments of individual cubes detachment, to leave its original place to go to your current location. There where the primitive forces, causing the disruption and removal, have reached the sectionals the tectonic plates, they have tremendous friction in your plant and its lateral edges. The cubes and targeted for removal in a plant had not smooth, but in the gap and thickness diversa. Logo, visited the magma of the substrate so variable and, thus, they left the tracks vary in depth and sharpness. Nor were uniformly solid and therefore did not suffer, by abrasion, wear varies across its surface. The segments were detached prisoners anywhere in the "Sima-keel" and, along with the trail left by his departure, came to integrate the corresponding gap cross. Therefore, this impressive relief of the ocean bed does not always existed, nor represents the remnants of an "Atlantic Continent" submerged. Its origin dates back to the lower Tertiary period, when began the removal of tectonic plates, which followed, having evolved during this process to its current size and complexity. Only powerful forces may have caused the loosening of the plates of his primitive primary location, and therefore would never have been enough to force the removal of poles, thesis advocated by Wegener and Koeppen and indeed quite questionable from a geophysicist. Also, such a force could have the plates in parallel to the South, but never in line odds for the West and East. None currently known of the forces could be regarded as giving rise to this movement. That earthly revolution of lower Tertiary period, inaugurating a new order or disorder of the continents, not at all be interpreted according to theories of Lyell. The transformation of the entire land surface, accompanied by the burial of hundreds of thousands of square kilometers, under thick layers of lava and the tremendous ramifications of mountains, was not a gradual process, flegmático, but a real catastrophe in the whole meaning of the word. Here geological evidence of a first order, and showing so undeniable, the fact that the face of the earth has gone through enormous revolutions.

Moreover, this disaster was not in the lower third only to occur, it must have been followed by another. A strange way to "U", originating in the remote Patagonia (Fig. 29) is there to show it. Since receiving the initial impetus, the continental plates follow straight, under the incredible slowness of his movement, in principle, do not occur in curves, or make turns, unless you receive a second impulse, which then makes the change course. Therefore, the Patagonian tip of plate tectonics in the Brazilian left, with the marks of his expulsion as a "U", a insosfismável geological evidence, stating

the effect of two pulses, significantly different and therefore the occurrence of two revolutions land, generating such pulses.

First, in the lower tertiary, a Brazilian dish was displaced from its original location in the Land of Graham, to veer to the east, it has marked the eastern portion of its extension, even, more or less, the region of the Orkney Islands South By virtue of the extreme slowness of his movement, the Brazilian board should have continued to turn away, heading east, and therefore exceeded those islands. However, the geological evidence shows that the removal was restrained by the action of a counter-thrust, where many segments are loosen plaque and revealed to the islands, demarcating its way, so this is a sign that new forces, revolutionizing the Earth, came into work. The fig. 29 shows the effect of those forces, the original point of departure for the East have been diverted to the west which has since departed the African coast of Brazil, which once was far more forthcoming, and opened the gap between continents and the Atlantic South Undoubtedly, this removal to the west is the removal of Canada in same direction, which should have started in the third less, but only at the end of the Quaternary has to be strengthened and accelerated.

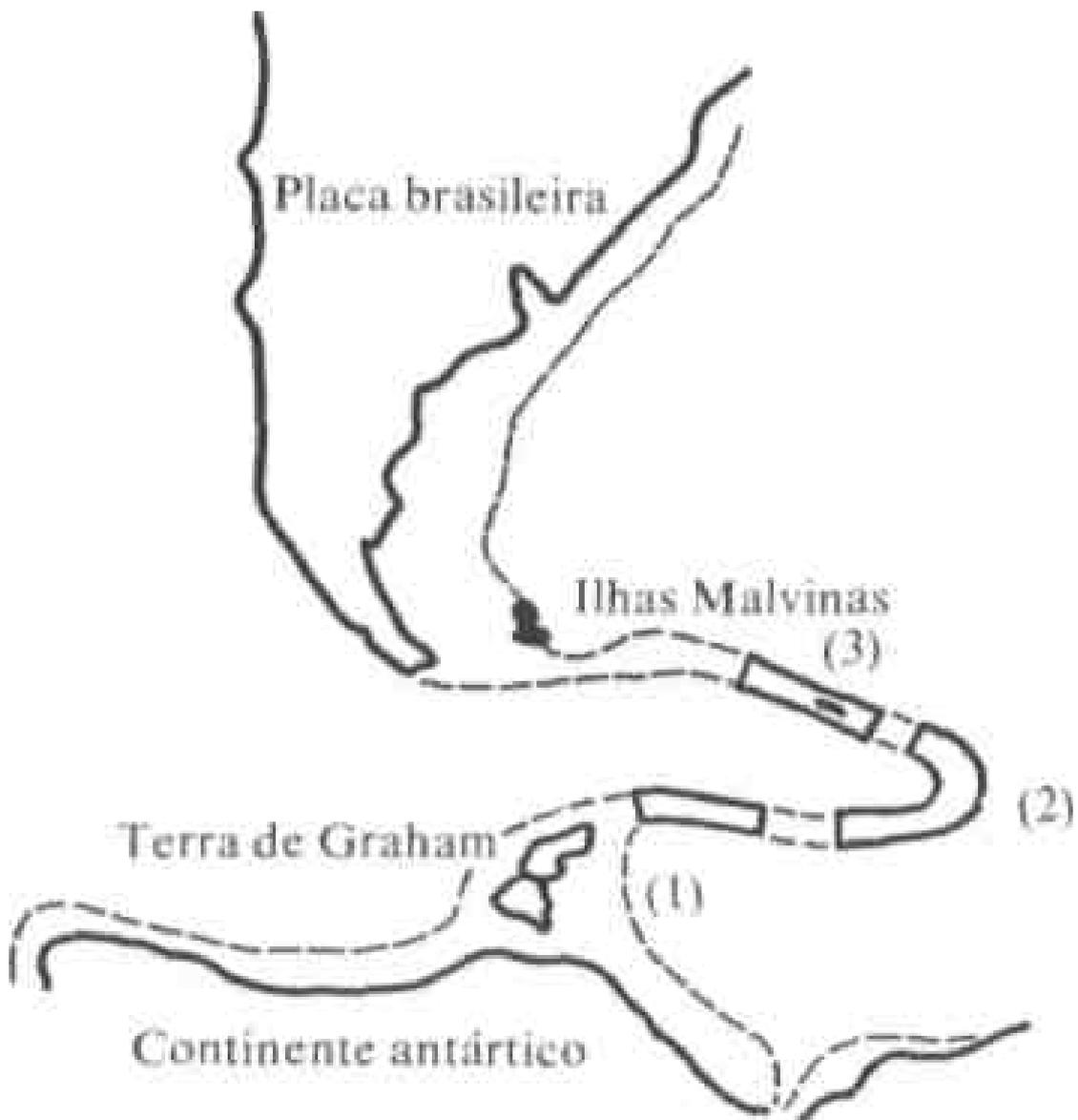


Figure 29. The remoteness of the trail in Patagonia. The Brazilian plate moved away from his original place on Earth to Graham, as peninsula, part of the Antarctic continent. He left behind a typical archipelago of islands and baixios, showing the course taken and demarcated by the South Orkney Islands, (1), South Sandwich Islands (2) and South Georgia (3).

Near the Falkland Islands, the baixios lost on the edges of the plate Brazilian. The line is well developed in arc characteristic, as proof that meets distinguish between movements of removal, namely the first, occurred in the lower tertiary, moving to Patagonia to the east, and the second, post-diluvial, causing a deviation toward opposite to the west.

Elsewhere must be provided proof that at the end of the season diluvial, the Atlantic was much narrower than today, this extension is the direct consequence that the second terrestrial cataclysm that drove Brazil to its second movement, away from toward the west.

What matters for our subject is only the second disaster, which occurred at the end of the season diluvial. The fact that it happened long after the period has been verified by third track, marking the removal of Patagonia. Since the segment, directed to the east, is very extensive, it outlines the need to calculate for long periods of time, whereas movements of such removal, but may have sudden onset, then suffer the action of Sima refreadora, viscous, tenacious, and then proceed with slow secular. Now, the point of view geodinâmica the middle and upper third is, along with the Quaternary, a period uniform, continuous, instability in decline and new stability in training. This trend shows up also in fact be very difficult to distinguish, with certainty, between layers of the upper third, say the Pliocene and plistoceno, similar not only in the name of the lower Quaternary. Throughout all this time that, according to the opinion of most geologists and paleontologists is extended by millions of years, would not have been registered a second geological revolution; aspects of that era are perfectly the idea of gradualism, launched by Lyell. Only the transition from fourth to fifth geological period could have been caused by such a turn inland.

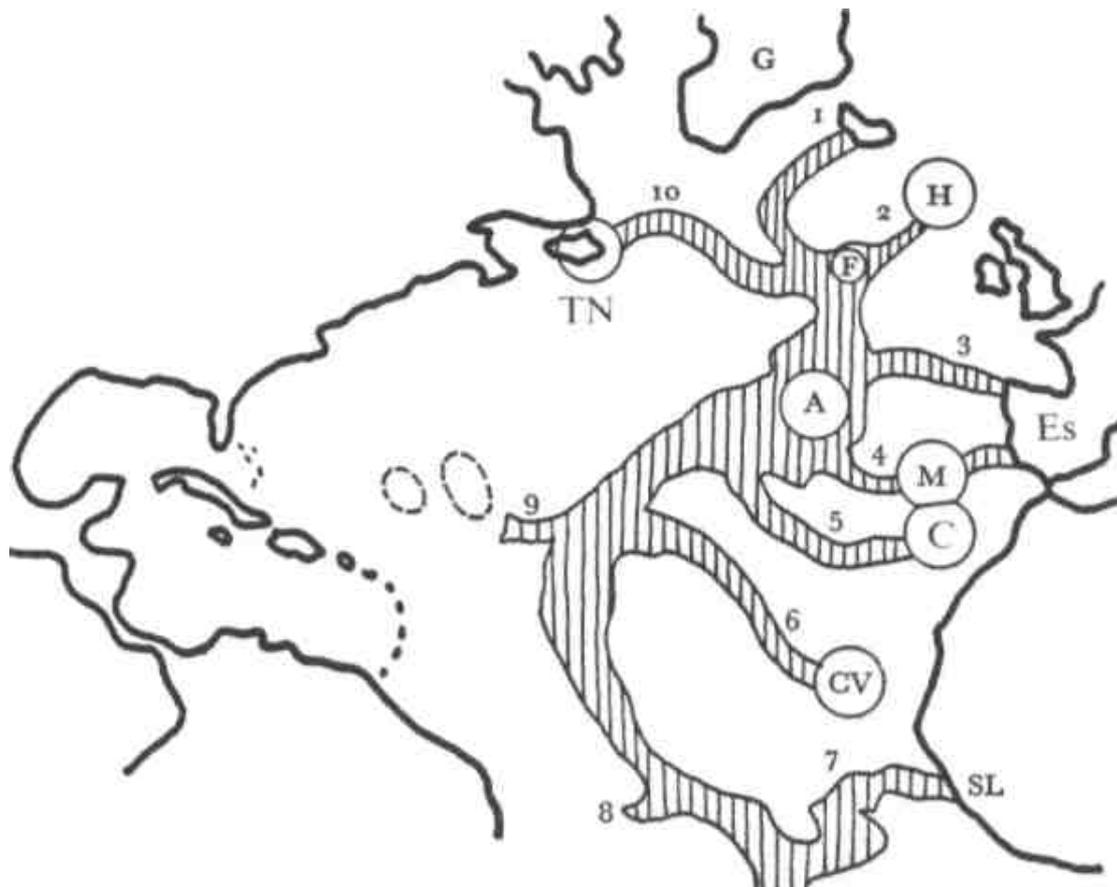


Figure 30. The system of cross gaps in the North Atlantic. The diagram shows the current situation (in quintenário) of the plates, around the Atlantic basin, and the dorsal Atlantic, with its cross gaps:

- 1) Dorsal of Rejkjanes directed to Iceland (I)
- 2) gap of Rockail to the Hebrides (H)
- 3) gap of Biscay to the Cape Finisterre, Spain (ES)
- 4) gap in the Azores (A), passing the island of Madeira (M) to Sierra Morena
- 5) gap from the Canary Islands to the Canary Islands (C)
- 6) gap of Cape Verde to the Cape Verde Islands (CV)
- 7) gap in Sierra Leone, to the mountains Drouple (SL)
- 8) Start the gap of Pará
- 9) Focus the gap in Puerto Rico
- 10) gap of Terra Nova (TN) G = Greenland

Dotted line: the two submarine cliffs, near Puerto Rico; gray: dorsal Atlantic with gaps cross.

The broadly, the sudden change and certainly nothing progressive in the climate for the post-diluvial diluvial is here to advocate this theory. However, by itself, or by virtue of their own development, without outside interference, as was fashionable in the nineteenth century seem, never the climate of the stages of glaciation could be changed to the present. Then something must have happened to interfere brutally in normal course of things and forced a radical change, a geological revolution, which occurred even in the characteristics of global climate. We care only that time, revolutionary again, indicated by the drag marks left by the second cataclysm.

The geological evidence shows the Figure 29 leads us back to the exact time of the

disappearance of the island "Block X", once located in the middle of the Atlantic, as we have seen. Combining these data, it is concluded that the island-blocking in the Atlantic, the Platonic Atlantis, submerged at the end of the Quaternary, during a geological revolution. This was precisely what was being shown. Outside the Atlantic area, the second cataclysm immediately left no evidence, except by some impact secundárias. Logo, unlike the first cataclysm, in the Eocene, with a incomparably larger and more dramatic, the second was not universal scope, but was limited the Atlantic Ocean and its peripheral areas, only victims of the disaster Atlantic at the end of the season diluvial.

Take, therefore, that peripheral regions!

The North Atlantic is directly adjacent Arctic Sea, the south, the Atlantic is geographic proximity to the area of the Azores, the dorsal Wyville-Thomson, between Iceland and the northern Scottish islands, forms the dividing line. In the years 1893 to 1896 this part of the Atlantic was systematically investigated by the Norwegian polar expedition, led by Fritjof Nansen. In the seabed between Iceland and the small volcanic island of Jan Mayen (about 72 ° north), we found large number of shells of sea shells and shallow Otoliths from animals that lived in shallow seas, but these findings were made at depths of 1,000 ma 2500 m, in direction south. At the time, Nansen and his colleagues concluded that there entire region and should have sunk very suddenly, up to 2,000, in a recent geological time, not least because of the animals in shallow water would have had time to save on the continental shelf. However, it seems that the change was too sudden and violent, without any possibility of rescue, and together with countless other beings have been victimized by the disaster Atlantic.

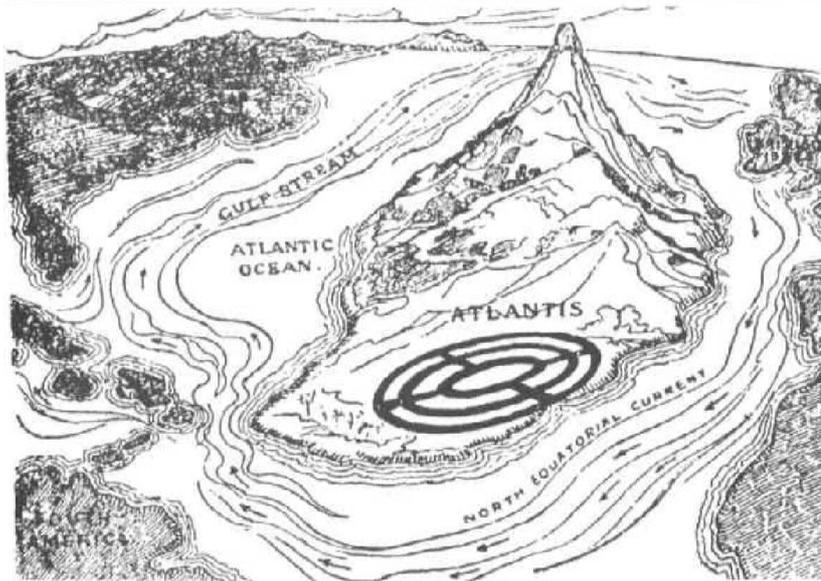
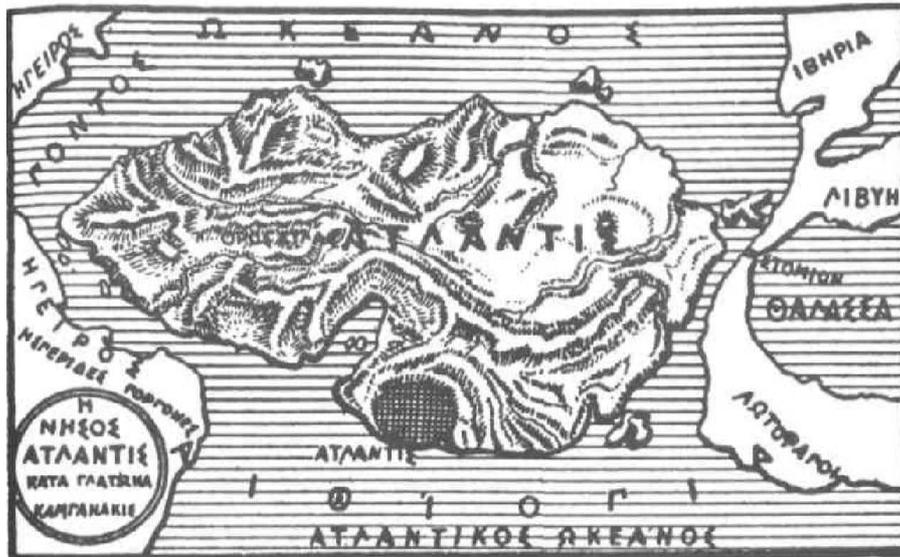


Figure 31. Lowering the ground in Arctic Sea (Scale 1:20.000.0 (X)). The map of the depths of the Arctic Sea, around Iceland, illustrates the lowering of the entire basin to the North Atlantic, as verified by Frithjof Nansen. The line of dashes and dots, indicating the depth of the 1st (XX) m. shows the cubes island, once above sea level, today, only its highest peaks emerge on the waves. Depending on the lowering of the magma of the cubes small "dive" to accompany him isostatic. The area of the Arctic Sea shows, although on a smaller scale, similar phenomena just mentioned in the narrative part of the Atlantic to the Azores.

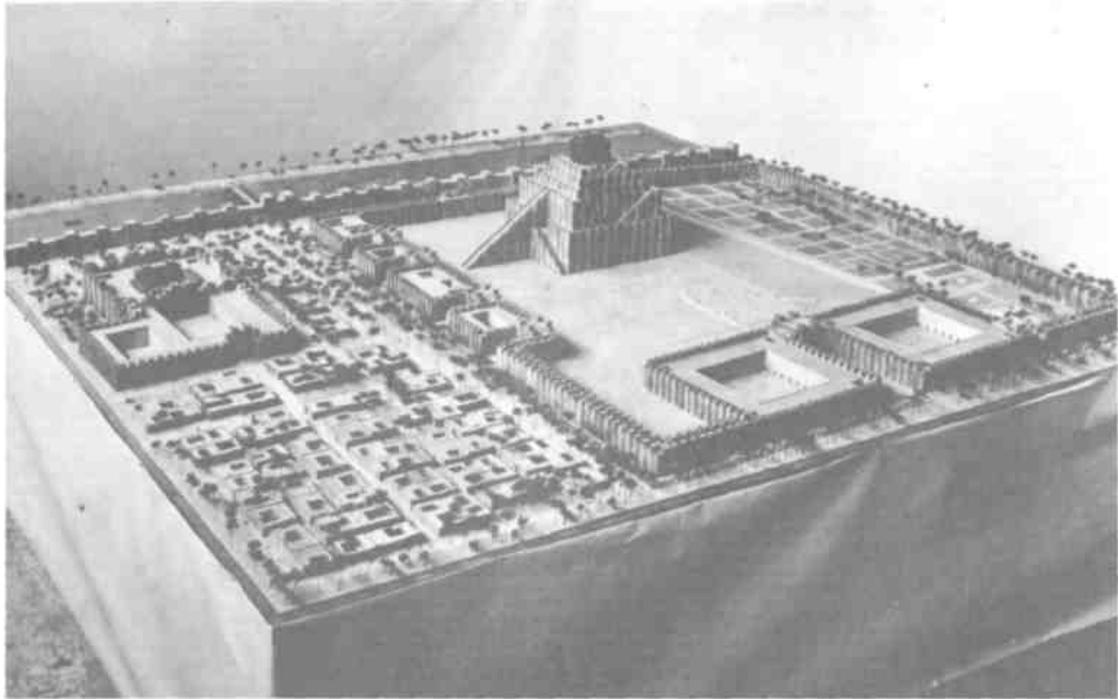
Ptolemaisch General Tafel die halbe Kugel der Welt begreifende.



Board 2. The world in Ptolemaic map. in the Middle Ages (as "Cosmographia" by Sebastian Münster, 1540) shows the "Old World" still very similar to the ecumenical of antiquity, represented by one of the two hemispheres of the globe rather than the disk plane land.



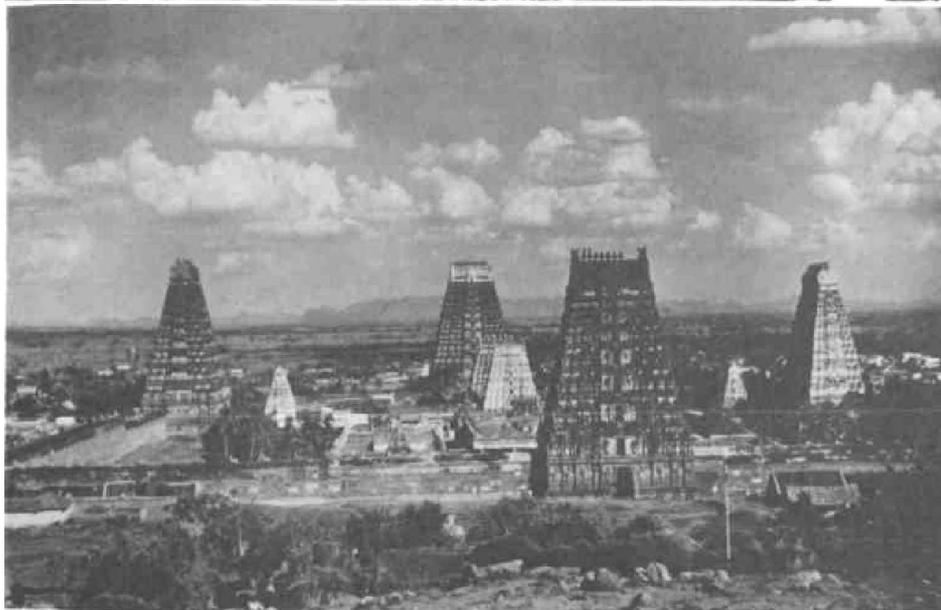
Board 4. Fantastic views of the island of Atlantis. Above: The writer neogrego /. Kampanakis designed the island of Atlantis as a "continental bridge" between the submerged Old and New World. - Below: Dr. Paul Schliemann, grandson of the discoverer of Troy, ideou in 1912 on the continent of Atlantis back to the Dolphin.



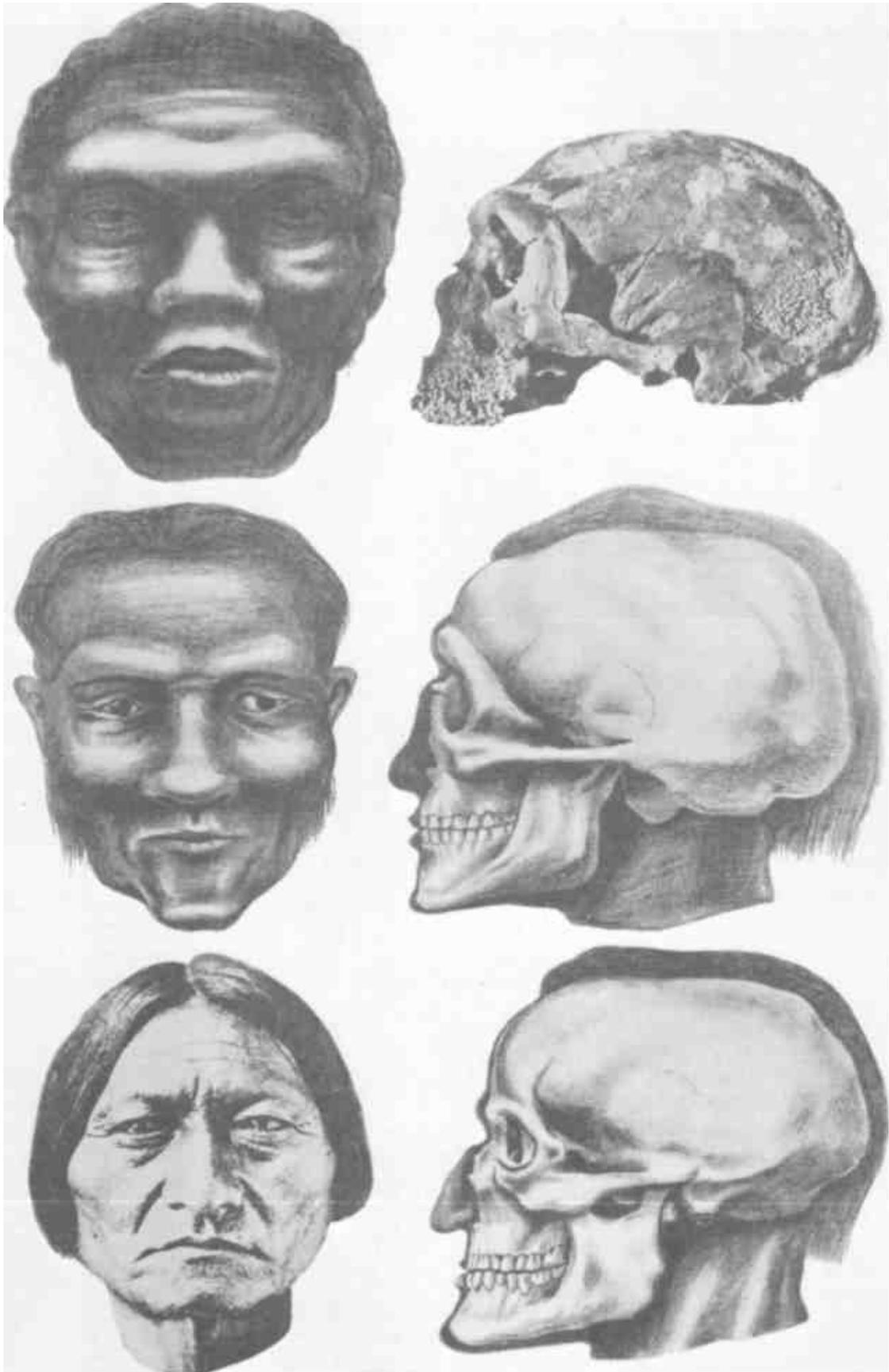
Board 5. Temples in steps on both sides of the Atlantic. Above: reconstitution of the sanctuary of Marduk in Babylon (about 600 BC), the "Temple of the Apparitions" (Esangila) left, and the tower in steps, "Etemananki" in the walled courtyard of the temple. Below: reconstruction of the temple complex of Copán, Honduras, dating from about 200 to 500 AD. See the "relationship" between the sanctuary and the Mayan temple of Babylonian Marduk. The civilization of Atlantis, the oldest, could have taken steps in the tower of Mesopotamia to Central America.



Board 6. Step pyramids in Egypt and Mexico. Above: the famous pyramid in steps of Sacco, built by Pharaoh gabiee (III dynasty), around 2900 BC In time, this pyramid was the center of a huge walled complex of temples. Below: The pyramid of the sun, from Teotihua-can. shows the more pure the type of structural Mexican pyramid in steps; these pyramids could be scaled out. the example of the towers in steps of Chaldeans.



Board 7. Above: The temple in steps, with the inscriptions of Palenque, shows great similarity to the pyramids, not only in its external aspect, but also because it was built on a real tomb, where, among others, was a wonderful mask of jade (plate 10). Below: Torres of temples in southern India.



Board 8. Reconstitution of human types of the era of glaciation. Up: Man of Neandertal, with the primitive civilizations, than in the Palaeolithic. Central: Man of Aurignac came top in the Palaeolithic, presumably coming from East (pre-Mongoloid

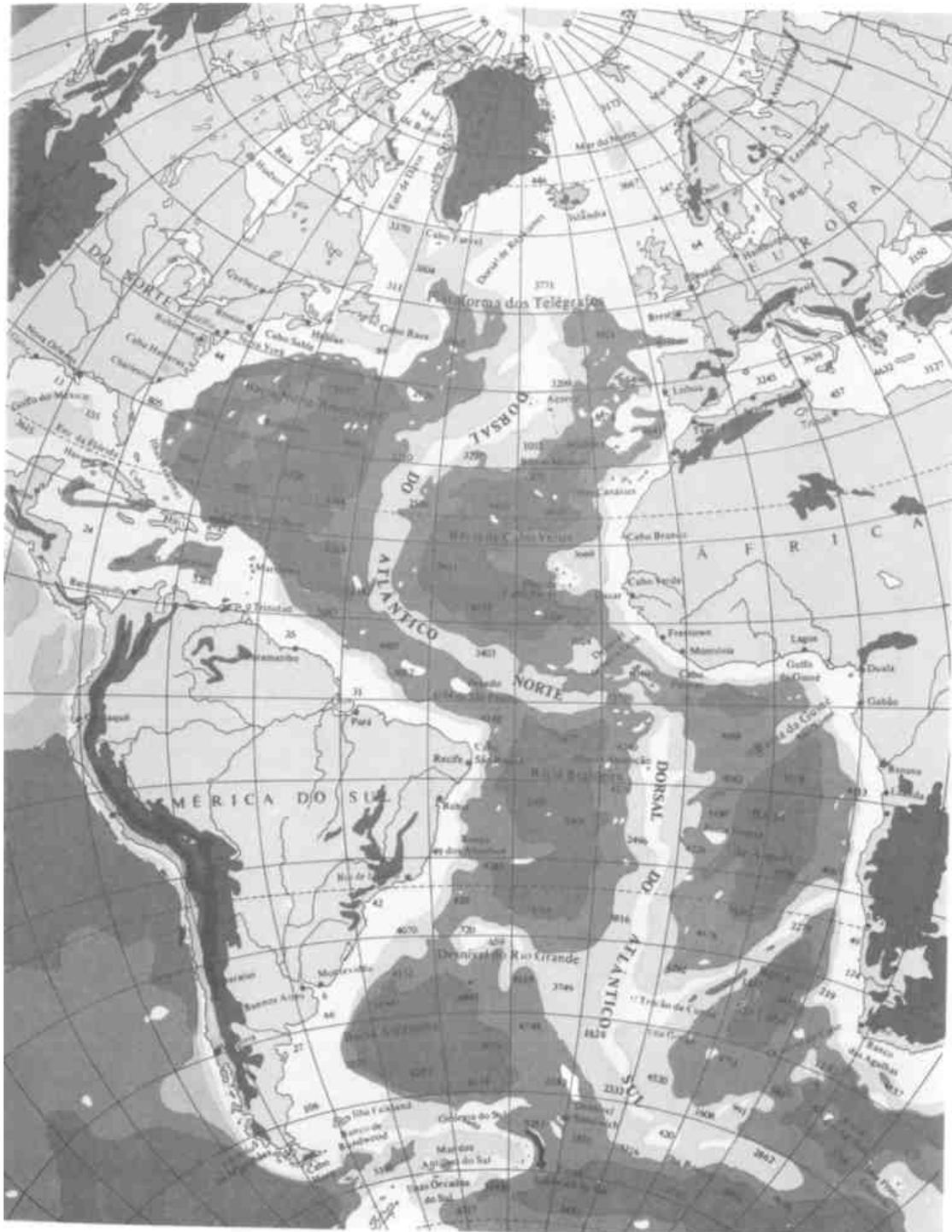
type?). Below: Man of Cro-Magnon in the upper Palaeolithic: these people spread out, first in Western Europe, then in Central and Northern Europe. Somatic resemblance between the skull of Cro-Magnon (right) and type of Indian, recent (to the left, head of the Sioux chief "Sitting Bull" - Sitting Bull).



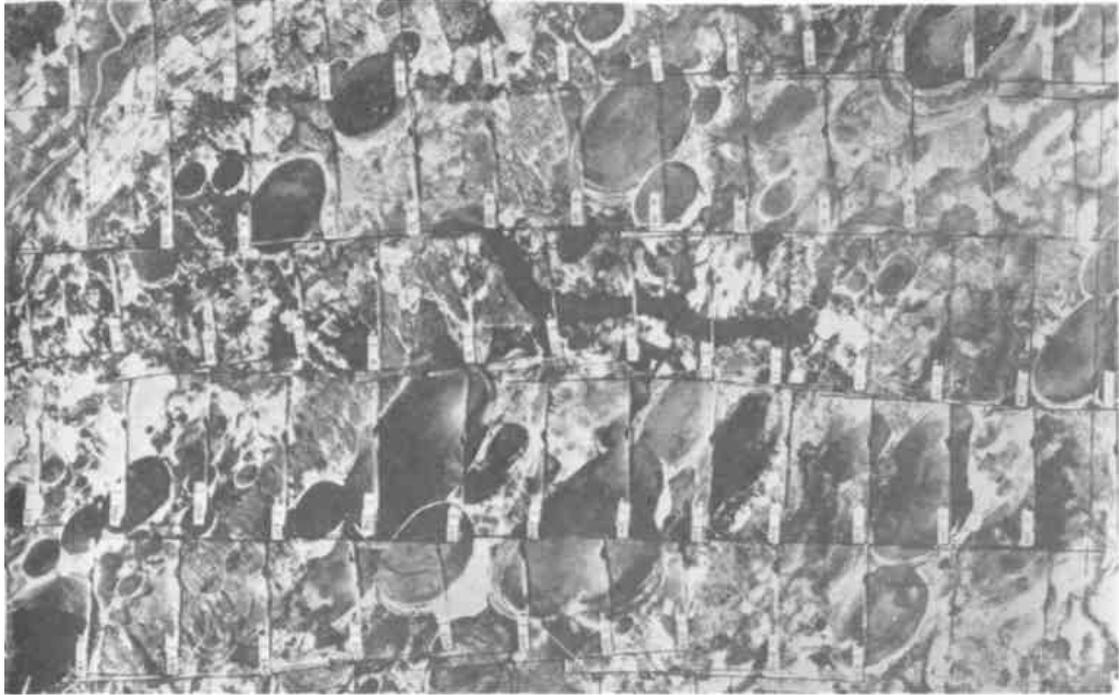
Board 10. A mask of jade real tomb of the "Temple of Inscriptions" in Palenque.



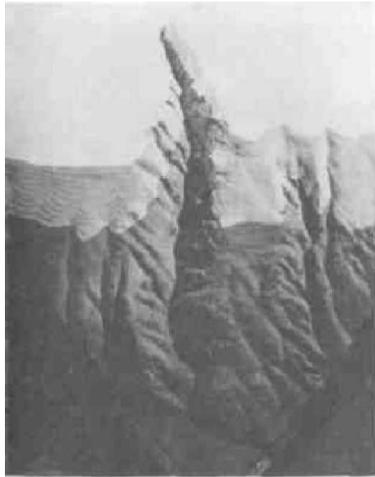
Board II. This young Basque could well be the great-grandson of the man's mask of jade "(plate 10). Just fix the contours of his aquiline nose typically, in the expression of the eyes, the shape and position of the mouth.

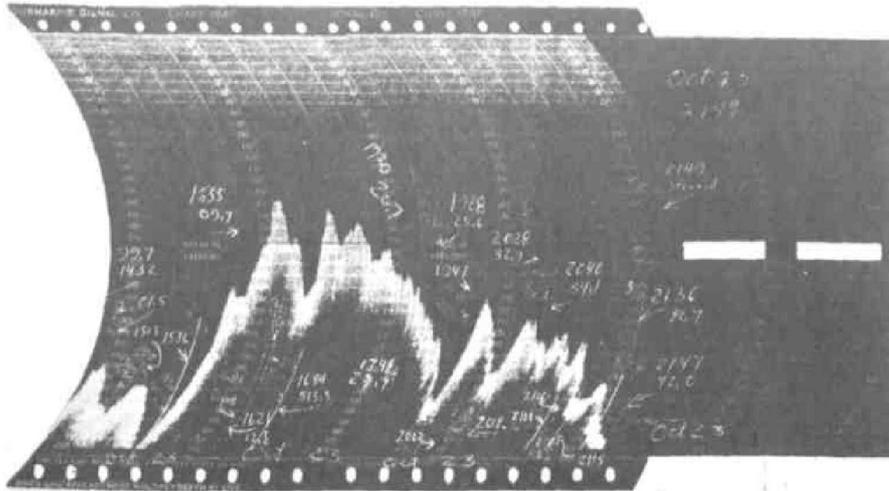


Board 12. The map of the depths of the Atlantic clearly shows the back of the North Atlantic and South, with "extension" feature, the platform of the Azores, the great mass of the submerged island of Atlantis



Board 13. Above: Aerofoto the impact of the Meteoro Carolina (DW Johnsson seconds) showing a typical excerpt from the field of craters, with many craters covered with peat and partly hacking. This is an evidence of the first order for the rebuilding of the disaster of Atlantis. Left: The of the Hudson Submarine Canyon, photo of the model in the Naval Museum in Göteborg, Sweden. Below: A huge crater of meteorite in Arizona, which may have been open for a "companion" of "The planetoid.

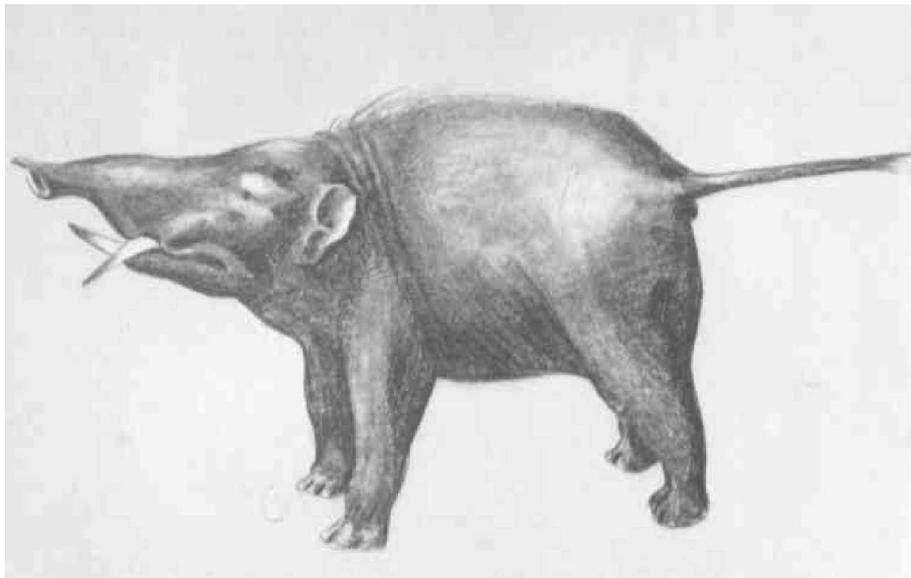




Board 14. Above: Landscapes of the Azores, volcanic in nature clearly, typical plateau, comparable to the range today, before the sinking of the great island, was from 3000 to 4000 m above sea level. Below: Negative Jotóstato of a ecograma: The values of depth soundings are recorded automatically by the echo, while passing on the back of the North Atlantic, at the height of 32 ° north latitude (Sui edge of the platform of the Azores) are "echoes of Atlantis! "



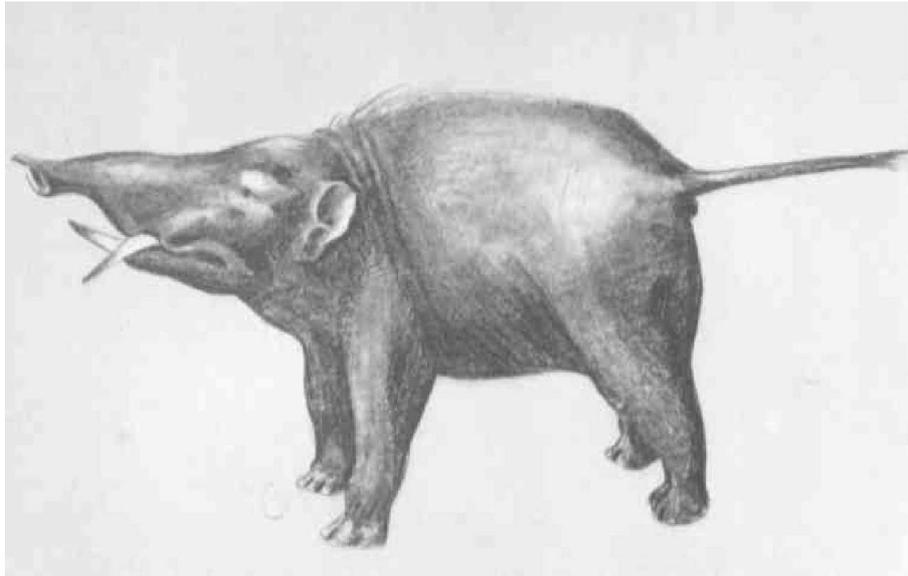
Board 15. Landscape of sandy-clay loam. The region's sandy-clay loam in China shows, everywhere, typical alluvial landscapes, emphasizing the origin "water" the sandy-clay loam stratified, with its famous "crops in terrace. Above: Terraces-sandy clay loam of the province of Shensi. Below: Cultures of rice in southern China.



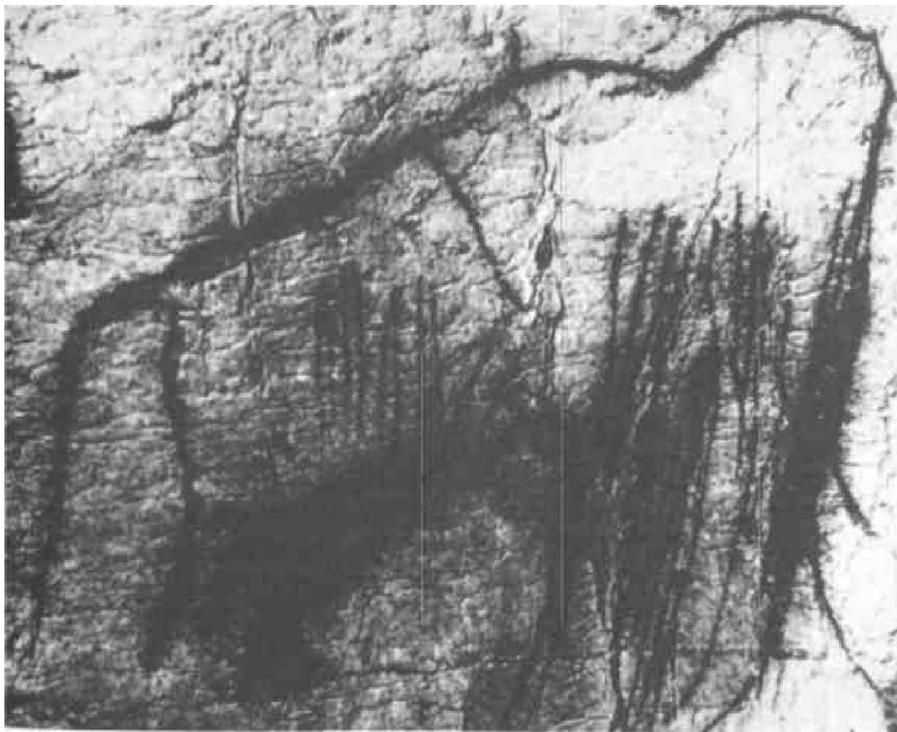
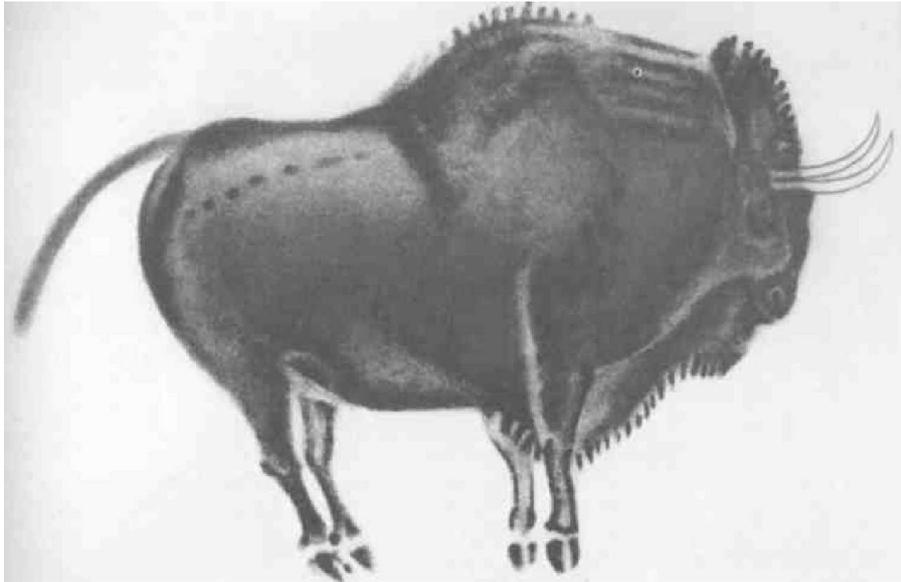


Board 17. Two reconstituições. Above: A mastodon, the great animal snout, similar to formation of tapir, possibly extinct only 150 years ago. Below: The mammoth found in the "ice petrified" of Siberia, where reconstituted found, clearly showing its thick coat of reddish-brown color.





Prancha 17. Duas reconstituições. Em cima: Um mastodonte, enorme animal de tromba, de constituição análoga à da anta, possivelmente extinto apenas 150 anos atrás. Embaixo: O mamute achado no "gelo petrificado" da Sibéria, reconstituído no local onde foi encontrado, mostrando nitidamente o seu espesso pêlo de cor marrom-avermelhada.



The 18-board. Thus, in the era of glaciation, the man saw the mammoth. Representation in the style of the period Aurignac more by Cabrerets, France. Overvaluation of features such as thick hair, snout, accumulation of fat in the neck and head. Gives perfectly with the Siberian reconstitution, showing the uniformity of the fauna and habitat in the vast scope of the Pyrenees and the peninsula of Chokchi in the era of glaciation.



Board 19. Home astronomical. The Mayan closed their adiantadíssimas astronomical concepts in symbolic representations such as this. The initial inaugurates a series of glyphs in the "Palace" of the Temple of Inscriptions "in Palenque. The fanciful animal, portrayed in the "ring" is a "bearer of periods", the symbol of an astronomical period of revolution of the stars, the man, claiming the "ring", is a "digital goddess", the multiplication factor . Both symbolize a unit time precisely determined.

These astronomical reliefs cover entire walls. The deciphering science has shed some unexpected about the astronomical knowledge of Maya and his "mania of the calendar, almost incomprehensible, its fixation on the conditional sentences celestial mechanics and, especially, the age of your calendar, back in time in over ten millennia.

The fig. 31 shows an excerpt of the statement of the ocean bottom. Iceland and the island of Jan Mayen, in the archipelago of the Faeroe are fincas in submarine platforms, surprisingly wide, narrow interlock by cutting levels. Drag marks, similar to the left by movement of crawling, erode and remove, ranging from Iceland to Greenland and back to the Atlantic. Before the great transformation, the area of Iceland, on dry land, was approximately four times the current. The example of that found in Norway, also in Iceland is "fjords, bays characteristics that are close agüeiros," drowned valley ". The volcano on the island of Jan Mayen and the Archipelago of Faeroe, are the remaining perennial Atlantic waves on the mass of formerly extensive land, for example as are the Azores, to the south. The sinking of Atlantis, often mock and apostrophes as mythical tale, seems to have repeated several times and on a smaller scale, in peripheral regions, northern. However, in these regions, it is of sufficient data about certain details, thanks

to research carried out by Nansen. There certainly was no collapse of the order of 1,000 to 2,000 m in several million square kilometers of land area of continental proportions, on the most recent geological times. The level of Sima in the Atlantic basin fell due to the action of a geophysical phenomenon, subject to restoration, this is the only plausible way of how the collapse occurred. Small cubes of SIAL island, stuck in the Sima substrate, followed the process of sinking submarines and became, with the exception of its remaining, still visible above the sea level.

In general, increases the depth of the sinking of the north to the south, toward the dorsal Wyville-Thomson, allowing the unequivocal conclusion that the process began in the vast South Atlantic basin, from where it reached the remote polar regions. The epicenter of the disaster caused a strong drop in the level of Simon, it was located right in the middle of the Atlantic.

The dorsal Rejkjanes is the guideline for the next step, the Platform of the Telegraph, the so-called historical fact, recorded during the installation of the transatlantic cable. Suddenly, it broke the cable, installed in 1898, to 49 ° north and 29 west of Paris. It seems that the tips of the wires fell into a bottomless abyss, and the expense of great efforts, had to be retrieved with handle submarines. By coincidence, along with the cables, even other objects, including a heavy stone rock, were retrieved from the ocean bed. The rock was delivered to the Museum of Paris and, after 15 years, was examined by Paul termios, then director of the Oceanographic Institute and a renowned scientist inside and outside of France. The stone of rock proved to be a taquílo of vitreous structure clearly. Then termios submitted the results of their studies to the Oceanographic Institute, where he gave a remarkable speech, under the title "L'Atlantide" - The Atlantis, exposing the following conclusions:

I) The rock is of volcanic origin, large bed of the ocean, which was recovered, is covered with lava. Therefore, under the platform of the Telegraph must have been very strong volcanic eruptions, lava projecting the proceeds of which the stone of rock recovered.

II) The stone is amorphous, not crystalline and vitreous, in its structure. Your cooling may not have happened in submarine waters, but the open, so can only have been designed by a volcano land above sea level. The lava which now covers vast stretches of the deep comes from terrestrial volcanoes once.

III) Simultaneously with that volcanic eruption, or soon after, throughout the region must have sunk in 2000 m. The stone of rock recovered documents a pre-historic catastrophe, which occurred right in the middle of the Atlantic, there where, under Plato, would have sunk the island of Atlantis.

IV) As mentioned, according to the mineralogical classification, the stone is a taquílo. Within some 15,000 years, the taquílos usually dissolve in the seawater. However, the stone in question also shows contours and profiles, without any sign of corrosion. The disaster in the Atlantic, indirectly confirmed by this finding, it should have been less than 15,000 years ago, or after 13,000 BC, but probably at a date much later. This timing gives, surprisingly, with brief indications Plato, speaking on "9000 years before Solon, placing it around 10,000 BC, and is the average so far established by geological estimates for the end of the period quartenário.

The results of research performed by termios are being challenged by the argument for Hartung, presented by the German geologist of that name, which in 1860 gave a description of the Azores islands. It mentioned erratic coastal rocks, stones of aliens, who have nothing to do with the actual Azores, but that, unknown origin, for there were taken and deposited by the waves, presumably, these stones have been brought

by floating ice. Long the ice melted, but it closed the rocks were there. However, these rocks are found in the coastal current and there Hartung concluded that the region of the Azores, the level never experienced post-glacial changes of major consequence. Hógbom and concludes that in the Azores was never a disaster, because the corresponding change of level would have been contradicted by the argument of Hartung. However, the evidence that, in fact, the argument for Hartung? Nothing more and nothing less than the absence of changes of level, post-glacial, in large, in the Azores. But this argument fails to prove that this level of change would have occurred shortly before the start of post-glacial era, this is precisely the end of the Quaternary, then was already completed, to begin, slowly, the period of post-glacial melting and retreat of glaciation. It was precisely that which Paul termios found: a lower level, passing the 2,000 m, accompanied by volcanic eruptions and catastrophic processed with spontaneity. When the glaciers, in slow retreat, multiplied itself in ever more intense pace, the ice floating sail to the South, leading to the Azores, to reach those regions, there exist no more the island of Atlantis, it was submerged; in its place was a tiny archipelago, the islands of the Azores. For this reason, the floating ice could not have brought in another place, beyond the modern coastline those islands. No doubt since there was no further change in level.

In this respect the argument for Hartung "does not contradict the narrative Platonic, nor the conclusions of either the termios and current deductions. Rather, this argument confirms this, considering the following: the assumption of the agreement of the theory of Atlantis with the argument of Hartung "presumably is the sudden and catastrophic degradation of the soil in the region of the Azores. This agreement would become at odds, if the demotion, said by termios, if processed in slow, old, creepy, continued throughout the extensive post-glacial. In this case, those erratic rocks, taken during long periods, would have been deposited at the modern coast, but the previously existing beaches and meanwhile sunk.

Therefore, the location of the rocks is crucial for resolving the issue of kneeling in the debate have occurred so suddenly, or slowly. And the rocks are in the exact place, where there should to be, supposed that the sinking of the old coastline was sudden as to cause the icefloe based on today's coastal range, typical of post-glacial time.

Therefore, the argument for Hartung "evidence that the sinking of Atlantis, if so, must have been sudden. It is precisely this which tells Plato: "... during a single day and one night unchancy ill." Therefore, a counter-argument turned comprobatória evidence of a much discussed passage of the Platonic text.

The region of the Azores, the direct neighbor of Telegraph Platform, provides further evidence. There, the seabed in shallow restricted area of steep slopes on all sides, it presents profiles and strong corners and rugged high peaks, and preserved, yet nothing rounded, with deep cracks, a genuine mountain landscape, underwater, in which, as the Platonic story, every vestige of earth has been radically obliterated. If he was under massive sea level by more than 15,000 years, the sea water had corroded the lava that covered the ocean bed, and destroyed, completely, the perfilações crisp and delicate. Beside the chemical attack, the mechanical forces such as abrasion, erosion and the effect of hangover, had also acted in a manner destructive, grinding and rounding all corners and peaks, leveling everything. However, as the entire bottom of the sea, under the current zone of hangover, remained clearly framed and shaped the land now submerged may not have sunk to the few. In this case, within a few centuries, the chemical and mechanical forces would race eradicated all its features, which still continue to jump in the eyes. Once the island, whose highest elevations are there and

we are known as the Azores Islands, certainly not stuck in slow, gradual, but highly accelerated, and also certain is that this was less than 15,000 years ago.

Therefore, the geological evidence allows the conclusion that the entire area between the island of Jan Mayen and the Azores, suffered a sudden lowering of the ground at the end of the Quaternary. This reduction was much deeper the closer the epicenter of the disaster, whose location can be predicted anywhere in the south of the Azores.

Moreover, it has spread catastrophic demotion well beyond the region of the Azores, south toward Moreover, this fact is known since 1900, when the expeditionary vessel "GAUSS" recovered a sample of sediment from 46 cm in length, the abysmal pit of Romanche (7,300 m). This area is very close to the equator, west of the gap of Liberia, on the border between northern and southern basins of the Atlantic, crossing the Atlantic back, it seems like it cut in half, some 4,500 kilometers of the Azores.

A sample of sediment recovered by "GAUSS" presented five layers, namely: on top, a layer of red clay, then three layers of continental sedimentation, lime-free, and below, a layer of lime-glo bigerino that adapted to life of plankton, is found only at depths of at least 2,000 m up to 4500 m. That means that when the layer of lime was deposited globigerina the abysmal pit of Romanche had at most 4,500 m, while now it is 7300 m. Therefore, the ocean bottom must have suffered a reduction of at least 2,800 m, which is equivalent to that found Paul termios to the region of the Azores Platform and the Telegraph. With this, the boundaries within which can be proved the consequences of disaster, which occurred at the end of the Quaternary, extended itself, and much, toward south.

The spontaneous disappearance of an area, with many millions of square kilometers in area, could not have happened without the bangs of volcanic and seismic convulsions, orchestrated the theme of a great final, announcing the end of the world, as if, instead of those violent convulsions, the deflections were slow, gradual, the Atlantic basin of Simon could take them together, moving their tenacious mass, but still elastic.

However, facing tremendously dramatic interventions, radical, its basic subject has become rigid and lost all its elasticity, was breaking, breaking and cracking, which went by the magma near the surface, which then covered all life on land. Indeed, much of the Atlantic basin is covered with this crust of recent volcanic magma, acid, contrary to what occurs with the seabed, also unstable, the Pacific Ocean, composed of basic magma paleogêneo. This time, the evidence is not of a geological, but paleomineralógica.

In turn, the vulcanology also provides considerable contribution to our subject. It is remarkable the occurrence of volcanoes Atlantic, throughout this vast region, crossed by a guideline of craters in eruption. This line follows, with much accuracy, the dorsal Atlantic, thus an old line of fracture, once open and always ready to open up again, for any reason, with much greater ease than a stable area intact (Fig. 32).

The chain of volcanoes Atlantic, vomiting fire and death, and begins the north, on the island of Jan Mayen, where she began, obviously, the lowering of the seabed. It continues towards Iceland, the land of ice and fire, where, in the terrible disaster of historic 1783, nearly 500 craters erupt, then leads to the nine Azores islands, five of which have active volcanoes. This is potentially very dangerous area in which, as happens in the regions of Iceland, time or other, islands emerge and disappear with the speed of a thunderbolt. Islands of Cape Verde, the Fuego is smoke and also the island of Madeira is an outbreak of seismic upheavals. The line of rupture remains the islands of St. Helena, Tris-so and da Cunha Diego Alvarez, budgeted toward the South A lateral branch is targeted for the West, which highlights the island of Martinique, the

catastrophic eruption of Mount Pele, on May 8, 1902, except when a prisoner, all 30,000 inhabitants of St. Pierre, the capital island, then died, asphyxiated by toxic gases, and continues to the giant volcanoes of Central America. The Figure 32 shows the layout of the Atlantic volcanic regions, thus providing proof of volcanology order that such centers in the probability of seismic occurrence of sudden changes beyond and far, the changes gradually, progressive.

Thus the findings volcanology, geological paleomineralógicos and support the argument that the lowering of the bottom of the Atlantic Ocean is not done gradually, but revolutionary, catastrophic. The epicenter of this disaster must be sought to the south of the Platform of Telegraphs, whereas the depth of degradation is increasing in the direction south, through the Azores region. These searches could be useful for the system of cross gaps, branched throughout that area underwater, possibly because it remained a trace of extreme destruction. The Figure 30 shows the geological evidence.

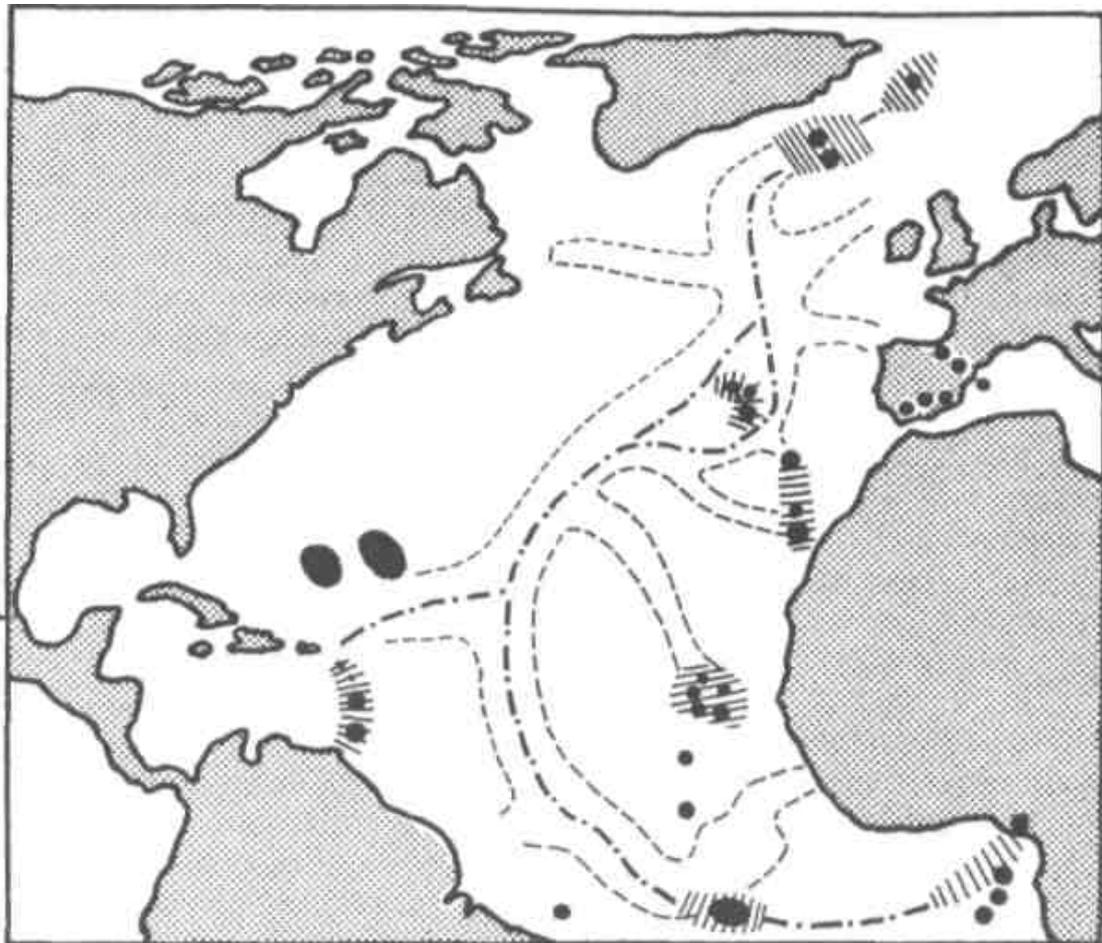


Figure 32. Distribution of volcanoes in the North Atlantic. The map shows in dotted line, the contours of the dorsal Atlantic, with their differences. The centers of active volcanoes are marked with dots, regions of earthquakes with lines in parallel. The thick line of dash-dot-dash, indicates the line break that originally formed the edges of tectonic plates.

The system of the North Atlantic is well developed and seems to be intact. Everything is complete. The south, the situation is different. There, the gap in Puerto Rico is destroyed to the point of being reduced to a stump, showing its former existence. The

nearby pond the U.S. shows no cross gaps, there have disappeared entirely. The southwestern part of the North Atlantic, occupying about a third of its total area, has its particular target, atrocious, responsible for the destruction of cross gaps, which at first there must have existed, and the formation of vacuum in which Fig. 28 appears as an unexplained gap between the Florida and Cape Hatteras. Now this gap has also to establish a connection with similar phenomena.

Do these three areas of disasters, the southern part of the Arctic Sea, the region of the Azores and the North American basin, geological revolutions have suffered in different seasons? In normal times, the day-to-day runs in a geological flegmática, gradually, the way it was advocated by Lyell and gives no opportunity to assume the occurrence of any number of disasters. No, that was one disaster victims, the one time, the three stages of a huge geological drama. The evidence attests that the geological cataclysm Atlantic has been reconstituted to be a harsh and dreadful reality geological, which interrupted the day-to-day land and closed the fourth period on a geological sudden dread.

This is not an empty hypothesis. Recently, samples of soil, for which Pettersson reported in his book "Atlantik und ATLANTIS - The Atlantis and the Atlantic, show that the revelations made during our studies. Are samples of type record of almost 3 m in length, the North American geophysicist Piggot recovered them from the Atlantic and found that often show two zones, rich in volcanic ash, and Pettersson wrote about: "These ashes must be from massive volcanic eruptions, or occurring in the West Indies or, more probably, in the dorsal central Atlantic ..."

However, the most important stretch of the exposures of Pettersson is:

"Of the two volcanic profiles, the higher it is above the upper glacial profile, indicating that this volcanic disaster or the disaster occurred in post-glacial times ..."

This was finally invalidated the argument of Høgbom contradicting the conclusions of Paul termios, producing identical result with that obtained by Pettersson, based on the analysis of samples, type it in Piggot. These samples confirm, so indisputable, that in the Atlantic Ocean was in fact a volcanic disaster, which ended the Quaternary period and introduced the post-glacial time. Similar evidence was taken from near Newfoundland, also show these volcanic ash, with all the seaweed ash, dating from the time of critical transition for the quaternary quinquenário. Pettersson made the following comments regarding:

"In any case, these findings provide strong grounds for believing that the time after the last major glaciation, when the Platonic Atlantis had disappeared, in fact was a period of volcanic and seismic disasters, within the North Atlantic ..."

Sometimes, however, that the seabed further betrayed secrets.

One of the samples above was removed from the dorsal central Atlantic, the exact point where, according to the narrative of Plato, was at the island of Atlantis, also the deductions taken to date have confirmed the location of the large island that in the Quaternary, crashed the passage of the Gulf. In this respect, that particular sample offers special interest.

What it revealed? As was to be expected, proved to be different from the others, drawn to the right and left that part of the basin part of the Atlantic. It was surprisingly short, a pellet of only 8 cm thick. Pettersson said to them:

"Below the sample taken, the probe appears to have found hard material, presumably based on rock, which were not removed any evidence ... So, is not out of the question whether the backbone of the Central Atlantic, which carries the sample concerned, have been above sea level, until about ten millennia ago, when they fell to the depth at

which is now ... "

The focus of disaster

Every disaster has a genuine focus, its center of origin, from which they spread and multiply the disruptive and revolutionary forces. Even the catastrophe of Atlantis undoubtedly real, definable and historically and geographically located accurately, must have resulted from such a focus.

Until now only be used as evidence geological current degree of progress of our research today's, and thus revealing aspects of our present. However, if you restore that pre-historic catastrophe, and as the main clue to find their focus, we must consider the geographical changes, recorded during the seasons that have passed since then. What was the geographical situation in the North Atlantic at the end of the Quaternary?

According know contemporary nature, we may assume that in essence the major tectonic plates, on both sides of the Atlantic then fossa, has reached its today's location. As Alfred Wegener, this assumption must be made with some reservation because it was the stress, specifically the removal of America, to the west and away from the Old World to the East, and encourage those strictly accurate measurements revealed that in fact and confirmed the reciprocal removal of the Old and New Worlds. Therefore, in the early fifth geological period, or some twelve millennia ago, the Atlantic should have been less wide than today. However, the theory of Wegener did not indicate, exactly, the difference found.

Fortunately, there is a possibility that can answer this important question. The Paleoclimatologia provides the method to reconstruct the location of major plates and, thus, the width of the North Atlantic at the end of the Quaternary.

As explained elsewhere, are already in our knowledge of the fact and why the so-called limits of glaciation determine the location of the isotherms to zero degree, the Quaternary period. The path of these lines, characteristic of the climate during the Quaternary can be reconstituted without any problem. Its location on the North Pole Quaternary must have been similar to that occupied by the zero degree isotherms of today's on the actual North Pole, or must be accompanied by parallel line approximately between the meridians 50° and 60° north latitude. Its only essential difference from today's isotherms 0° is the absence of the "bag of gifts, brought by the Gulf Stream, the wind on the northern Norway, crucial to the contemporary climate. The roughly the isotherm 0° stentrional diluvial has a rough back in a radius of 30° and 40° , around the North Pole diluvial. As this track almost coincides with the limit of glaciation, it is assumed that during the period diluvial must have formed a circle around the pole diluvial.

Comparing this conclusion with the location of today's tectonic plates, check that the limits of glaciation absolutely not stood in line circular, around the North Pole modern. Therefore, there is inferred that the location of two large tectonic plates, Canada and Eurasia, has been different, both in relation to each other as the North Pole, or as a requirement to fulfill the condition paleoclimática move away from isotherms derived from zero degree.

To meet this requirement, you must move both plates in a direction to another and towards the North Pole, as shown in Figure 33, then to the limits of glaciation form a circle, with the North Pole in the center diluvial.

What this figure shows quite instructive? First, that the Old World at that time was

very close to the New World in the time of Christopher Columbus. In fact the pit Atlantic that separated the continents were closer. We can not ignore the mutual expulsion occurred since then. In the Gulf was, at that time, a shortest way to carry your water warm, tropical, which reached the island-lock, diluvial, the Platonic Atlantis, warmer than today to reach the Azores region.

Secondly, the research faced with the fact not wholly unexpected that the North Pole diluvial stayed well away from the actual North Pole, it seems that the exact point where today it is the Pole magmetico, amidst the numerous islands at the time completely covered with ice from the northern Canada and Greenland, whose dissolution in individual cubes, then, perhaps not yet reached the stage was reached today. Angular in its value, since the removal of the pole is then recorded, and quite accurately, the obliquity of the ecliptic. However, not to keep to our subject, here it is not even outline the importance of this result to define the problems of glaciations.



Figure 33. The arctic glaciation in the Quaternary. Oblique view of the Quaternary North Pole, then located where today is the earth magnetic pole. The pole was under permanent glaciation, which extended lick on Canada, the Northwest and Northern Europe and Northwest Asia in its retreat moraines left the terminal to indicate the limits it achieved. If the tectonic plates are pushed closer to, each other, as shown in

the diagram, with the limits of glaciation, rising approximately in parallel along the latitudes, the position of the plates will be somewhat different from current and actually occupied, then, the Atlantic was much closer.

While Figure 33 shows the situation diluvial of tectonic plates, the Figure 34 gives the relief diluvial the bottom of the Atlantic basin. Then, cross the gaps were shorter than today, with missing sections corresponding to the path beaten by the plates and the cubes in mutual remoteness, and in times epiglacial postglacial.

Where is the creeping motion, the partial removal in the direction of driving force. In each of the isolated cases, the directions of the creeps and the pulse are identical.

However, the forces that accelerated the movement of plates and cubes of thitherward crawls, from the outbreak of the disaster, this center that was originating. This was the source of these impulses tremendous energy and power as to change the position of the continents, which due to their inertia, remain away each other, until the present.

Furthermore, it is inferred that the extension, vice versa, these directions of crawls back to the source still hypothetical and being sought, then it should come and set it as the focus of the disaster.

The Figure 35 illustrates the result of restoration and says, unequivocally, the value, or the hypothesis desvalor, advocating the existence of a genuine focus of disaster, as a center impeller removal post diluvial of tectonic plates and their cubes.



Figure 34. The North Atlantic with its cross gaps in the Quaternary. Part dashed:

Dorsal Atlantic with gaps. Dotted line: The two submarine cliffs, near Puerto Rico. In the Quaternary, the distance between the two systems of tectonic plates, borders the Atlantic, was not much greater than now. The gap cross, originated with the first continental removal in lower tertiary, were then less in length. The British Isles (B) also were part of the European plate. The Atlantis (A) was still above sea level (G = Greenland; KS = Hspanha).

If this argument was not valid, there should be forces of various origins, from different foci of disasters, not individual whose location could be more defined. Only in the case of these forces have been generated by a focused, concentrated on a narrow, one would expect to find the point of intersection of the arrows of direction, long back. It would be, then the exact location, and sought recovered, the outbreak of the disaster. For reconstitution, have no less than six cross gaps. His arrows of direction in angles differ considerably. This fact in itself is an important clue, because if the signs of the Old and New World is just back off of each other, the arrows should point in parallel. By themselves, these differences show the angle from the fact this is not a mere removal of any movement between them.

The divergence angle of six objects presented in the test enables a very critical selection between what could happen by chance, while it was possible that, by chance, three of direction arrows converge on any point, but when five or even all six arrows converge on a focal point, this fact can not be regarded as the work of chance, but as evidence of a certain regularity.

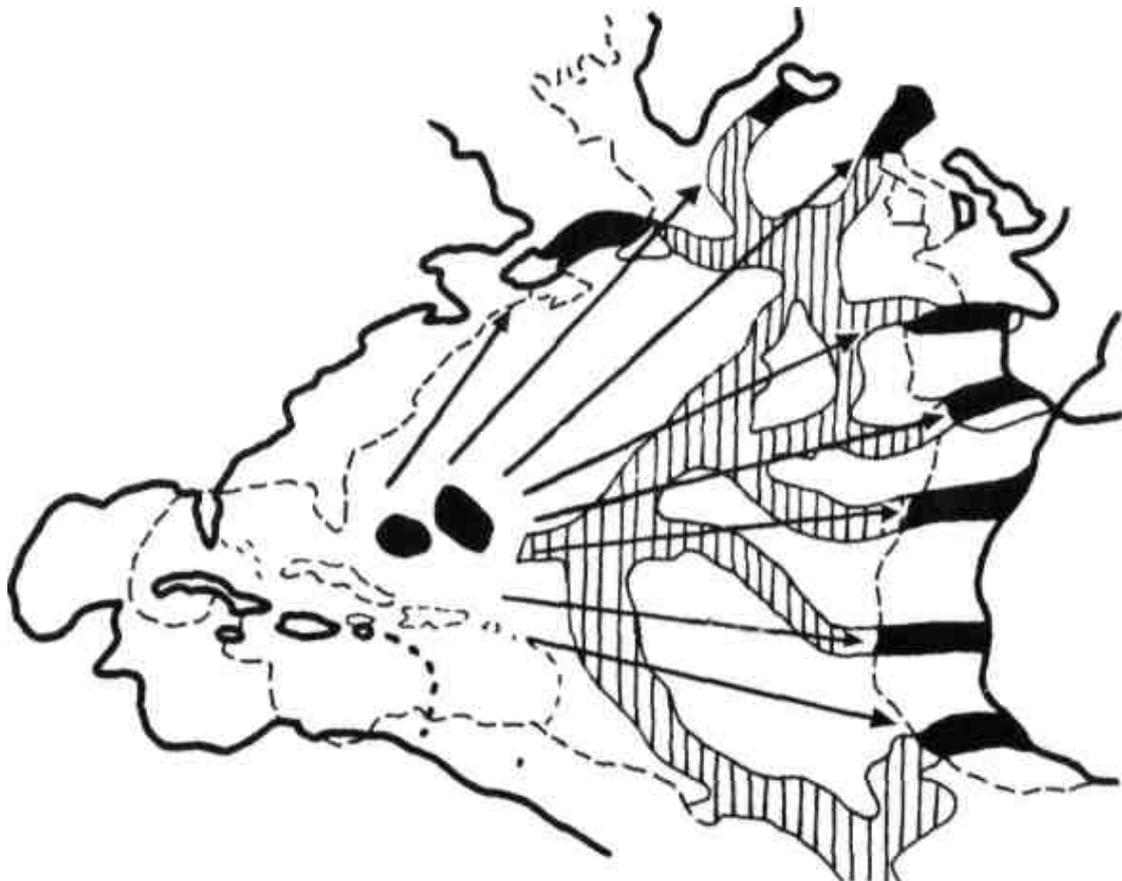


Figure 35. Recovery the focus of the disaster. The diagram shows the coastal current

in thick lines, and back in quaternary finer lines. The gaps, formed during the Tertiary and Quaternary, and the dorsal Atlantic, are marked by dashed and the final stretches of gaps, dating after the flood, in black. Their extensions back to cross in a certain place, which was the center of the disaster, from where the forces propelling the movement of removal post-flood in the directions indicated by arrows. Under the focus of the disaster, marked in black, lie the two abysses submarines, near Porto Rico, in the vicinity of the gap to play Puerto Rico, fractured, and the deep pit of Puerto Rico.

In fact, all six arrows of direction, long back, converging on a point more or less in the middle of the great collapse of land, east of today's south-east coast North America. Ali had been the center, generating the forces that drive the movements of removal postglacial. These were energy that caused the removal of the divergent continents. That is the focus of the disaster of Atlantis.

This location in the exact point where it has just been found by an exact restoration, gives fully with the assumptions and conclusions drawn about the particular target of massive ground missing in the modern mosaic of tectonic plates. Now, this particular destination itself and becomes clear, the land was lying there collapsed and fractured the bottom of the sea, because it is located very close to the central focus of the disaster.

Moreover, the map oceanographical (Board 12) provides further evidence of another invaluable. In the exact point where the focus was found, the relief of the soil is absolutely normal. It is located on two huge gaps, of 7,000 m depth, near the stump of the remaining fracture gap of Puerto Rico and in the coastal zone and not far from the southern edge of the massive submarine, which, before being submerged, was the island-lock, the lock X "Quaternary clay in which the passage of the Gulf and was identified as Platonic Atlantis. To the south, the area of focus is defined by the trench of Puerto Rico, from 9000 m depth. With this, it is another link in the sequence of searches, allowing predictions of even broader scope, not only about the outbreak, but also the real cause and result of the catastrophe of Atlantis.

Without doubt, the disaster came from those two abysses submarines, located right in the middle of the outbreak and in surroundings which are concentrated the effects of the catastrophe of Atlantis.

In Alan H. Kelso de Montigny, the American anthropologist, in this context could still be included regions in the eastern Caribbean Sea, surrounded by the arc of the Lesser Antilles. Also there oceanographical the map shows a "hole" puzzling, and in the middle of the Antilles, which is surrounded by, as if the remaining edge of a gigantic crater half-submerged. Kelso Mintgny think of no more than ten millennia ago there fell a-aste róide, moreover, gives the date and surprising way with respect to dating developed by our subject. As the supposed site of the fall of asterói will not be far from the two huge underwater cliffs, in the basin of the North American Atlantic and, therefore, the focus of the disaster, it could be dealing with another fragment of that celestial body which, supposedly, would have caused the disaster Atlantic at the end of the period diluvial. However, as the extensions of these three cavities submarine the "hole" in the Caribbean is relatively small and shallow in comparison to the other two huge gaps, covering an area of approximately 200,000 km². The force that, over time, the opening in the substrate of the basin Sima Atlantic - who knows how funds were more than they are today - beyond any and all human imagination. In the era of the atomic bomb, thinking it would be in terms of an underwater nuclear explosion.

The Meteor's Carolina

How could these two have been opened huge craters? Funnels have been sucking the land, whose collapse was caused by tectonic tremors or huge doline swirls produced by submarines? Its vast extent and depth exclude the second hypothesis. The theory that the two gaps represent a kind of side effects of day-to-day geology, would not explain precisely the decisive fact of why they exist, and in the middle of the outbreak of the disaster and located precisely. No crater, produced by the fall of an object, either a doline could suddenly have an influence towards the removal of continents in migration, since this can not be put in doubt by any reasonable ground.

Of course, such attempts to explain things is not enough. The primary cause, as yet unknown, the disaster Atlantis, produced such enormous craters to "pump", turned and accelerated the reciprocal removal of plates and cubes, and caused the collapse of the coastal basin in the U.S. and at least , opened the lowering of the ocean bed in the Atlantic and the Arctic Sea. Effects universal its causes should have been consistent and the latter may not have been such flegmática, gradual but catastrophic, equal to the cataclysm that caused it. Hardly it could accept another idea, which was in addition to the center of the outbreak of the disaster that was the ignition of the tremendous energy load, giving the match to that event that revolutionized the Earth. The two submarines are the gaps still persistent scars of a double wound, opened in the earth's crust by the falling of a celestial body of considerable size.

With this, under the quantitative aspect, diagraph, and through all the possibilities offered by the exact sciences, the modern qualitative research confirmed what had been assumed by earlier researchers, such as Wytson the Count Carli of Lalande and Braghin . However, the celestial body in question was not a comet, according to the technical terminology, but a body larger and erratic, a planetoid. Time it to matter. The two craters opened with his fall, lying side by side, have approximately equal size and shape, both are oval in shape and both of its longitudinal axis ellipses are directed from northwest to southeast. Therefore, the objects that fell there and opened the submarine abysses, or appear to have been the southeast or the northwest.

The southeast is not any trace certified. The northwest is, however, fractured the coastal strip, representing the remnant in. I, which should have been tremendous loss as to fracture the land and to demote the seabed. Without doubt, these are indisputable traces of the same disaster. Therefore, the celestial body was the northwest quadrant and not south, won the race with the Earth in its orbit because it was coming from the west, the west, developing gear to that developed by our planet. It concludes that its orbit must have been markedly eccentric, since only thus could have achieved in the perihelion, the acceleration greater than the Earth, rotating with constant speed in a nearly circular orbit. The region overflowed by this celestial body, before the disintegration of the heavy nucleus mass, which fell to the bottom, presumably near Puerto Rico, came to break up and sank. However, the adjacent area of land resisted, but was also affected, as demonstrated by the quality of its center of seismic tremors. Thus, we may wait for more traces of other impacts, caused by falls in that range and are found between Florida and Cape Hatteras, potentially dangerous in earthquakes. Without doubt the two abysses submarines absorbed the main impact, but the subsequent effects, side, also reached the land in the continent. In the gap of Puerto Rico, several million cubic kilometers of the substrate of Simon, tenacious and tough, were displaced, disintegrated and turned into nothing. Also, the land in the northwest resisted.

Considering these facts, one could draw the conclusion that the two abysses submarines, located in the outbreak of the disaster, should be understood as the craters open by the fall of core planetoid, disintegrated into two parts, while the destruction of coastal area, the northwest, could be attributed to the fall of fragments of their shell of rock that, in areas more dense air, it would have heated and divided into huge blocks of stone, producing real effects of cosmic bombs.

This cosmic bombardment could hardly have saved the land located more to the northwest, but presumably there the impacts were less concentrated, to leave intact the earth crust, rather than shatter it and sink it at sea, such way to the neighboring region, submerged. If it were possible to see to the bottom of the ocean, there probably should appear clear and identifiable traces that cosmic action of global destruction. As of now there are technical conditions for this, because surveys of the modern eco still not managed to the required degree of clarity, only traces left by those looking in the range of intact continental land. Also there should be a crater, opened by the cosmic bombardment, maintained over the millennia, that have elapsed since the disaster, and therefore should be apparent.

Strictly speaking, the case would be expected that the region present a lunar landscape, full of precipices and abysses. However, this is not what it shows, but throughout its length, moss, background, presenting numerous "bays" - bays and inlets. At least in its external appearance, differs little from other coastal marshlands, and nobody ever suspected that there are hidden find the remnant of a cosmic catastrophe. But nonetheless, this remnant was found, and since then the region in question is called the "field of crater of Carolina." This is the remnant in. II, piece of evidence of great value in the extensive list of documents collected. The finding was made as follows:

In 1931, the state of North Carolina and South Carolina without the slightest intention to collaborate in the search of Atlantis, decided conduct a new topographic survey, and therefore hired a firm specializing in Aerial Photography. In this regard, nothing extraordinary or remarkable to report. During the work, it also raised the critical area, between Florida and Cape Hatteras, along with its passage inland. However, when their photos with others, were revealed and examined in estereocomparador, then came the unexpected sensation. Commanders of aircraft that saw these photos, believed to have shifted back in time some 14 years and returned to the battlefields of World War I, the hell of Flanders, northern France. All photos showing the ground covered in training, partly circular, partly oval, which are sometimes crossed, and so insofismável, have been identified as the craters, filled with mud and covered with vegetation, caused by the fall of objects from gigantic dimensions. And neither could be another impression received by a person objectively, without bias, to study these aerofotos, which certainly reflect the reality. In this case, the camera moved in retrospect, giving a glance at the geological past of our planet. Its penetrating lens and incorruptible discovered the meteor of Carolina, the Board 13 shows part of this material e-rofotogramétrico.

Then, those pictures have caused sensation and scientific discussions. He then remembered the fact, 36 years ago, L. C. Glenn has a report on the many bays and inlets, shallow basin of the strange dimensions, which felt weird and noticed that throughout the coastal region. At the time, the report received very little attention and was terminated, without wanting to be read. However, the aerofotos taken in 1931, were genuine documents, illustrative and impressive as to encourage discussions, in part quite shaken, about the causes that have led to the formation of craters of the Carolina field.

The aerial photos show the number of basins in about 3000, half of the basin have the length of some 400 m over a hundred exceed 1600 m in length. Are distributed over a wide area, as Figure 36. However, this area is just the edge of an elongated ellipse, supplementing it, you get an area of impact of a minimum area of 165,000 km². Only a small part of this area is on land Continental, intact, in its large coastal area is part of the fracture, and the bumpy strip of land submerged. Whereas in the stretch of land intact were counted 3000 impacts, we may calculate that the fragments of cosmic bomb, disintegrated Must have caused at least 10,000 impacts. Each of these impacts in the soil opened a bowl oval or circular, of unknown depth, as the angle of fall. All longitudinal axes are arranged in parallel, once the disintegrated fragments of the bomb fell in parallel. Although, since then, almost eleven millennia had elapsed, most of the Southeast basin still shows traces of the dam resulted in the land of opportunity. Also confirms this detail and conclusive manner, that the impact came from the northwest, because only under this assumption the open ground with each impact could have been shifted to southeast, where pile, forming a dam. All the evidence confirms the theory that a large celestial body came from the northwest, disintegrated on the heights and has unleashed the wreckage of his shell of rock, before the fall of fragments of its heavy mass nucleus, the impact caused the two huge underwater crater, located further south.

But if the drop of a genuine meteorite, a large size, the way we have just described, had been recorded in historical times, could hardly have left traces than those shown by the map and oceanographical aerofotos. Thus, after the publication of aerofotos concerned, the argument was raised in the field of craters Carolina have been produced by the fall of meteorites, and even the so called "meteor of Carolina."

Shortly after the publication of the Carolina aerofotos, Dr. F. A. William Melton and Schriever, geologists at the University of Oklahoma, studied the problem of the origin of these two huge underwater cliffs and advanced theories about, but without touching the subject of Atlantis. According to these researchers, the field of craters of the Carolina concentrate was produced by the impact of a rain of meteorites, the manner of an exceptionally large comet's head.



Figure 36. Map of the field of craters of the Carolina - Around the city of Charleston, South Carolina, USA, a region in ellipsoid, clearly bypassed, stretches out to the coast and has many "bays, large bays, once deep and meanwhile filled with peat. Aftertas are

the craters by the impact of a meteorite that crashed there some 10,000 years ago ("Meteorite of Carolina"). Most of the missiles fell into the sea, the dotted line circles, about the area affected.

The only challenge to this thesis was Mr. Watson Fletcher Jr., he said that in his view all legitimate craters, open to the impact of the fall of meteorites, were circular, like the crater in Arizona, known and identified as such, while the majority of the basins Carolina are oval and not circular. He seemed unacceptable the argument that the depressions have been produced by meteorites from a head of comet disintegrated in the stratosphere, the fact that the head of comet not have enough mass to provide the necessary pieces to that bombing. The Earth - so he writes - had crossed for various occasions, heads and tails of comets and meteorites concentrations, without such passages have caused disasters. So concludes Fletcher Watson Jr., can not think of a cosmic origin of the basins of Carolina who, in his opinion, were caused by phenomena of dispersion, like the bajirs migration in sandy deserts of Central Asia. Of course, the explanation does not satisfy flegmática, it does not explain the unique location of the field of craters on the outbreak of the disaster, the underwater cliffs and coastal zone fractures and landslides. Neither presents plausible argument by saying that the craters are concentrated in a flat area of elliptical shape, and that, there and there, these conformations cross, finally, it leaves a lot to explain.

However at one point without doubt the critical observer was the reason, the field of craters could have been caused by the impact of a head of comet disintegrated, either by an exceptionally dense concentration of meteorites. Head of a comet would have been small in many dozens of figures, and too lacking in mass, might have caused dramatic celestial fireworks, the edges of the envelope of nitrogen, but never lighting it up high in the atmosphere could have had consequences land. A concentration of meteors is a formation of flying objects in parallel, even if large objects, but until now did not register such condensation of supermeteoros, have always flown in parallel and therefore the direction of fall also would have been in parallel. In this case, should have open borders craters of equal, or in a circular or elliptical, but never like those that exist in the craters of the Carolina, which are depressions, sometimes round sometimes elliptical. The effective distribution of conformations is lawless serious obstacle to the theory of cosmic bombs, as evidence that both paths as the angles of the drop must have been very diverse. In vertical drop, as happened in the case of the giant meteorite of Arizona, pumps cosmic open spherical deep craters in the ground, but elliptical. As explained, therefore, that confusion of paths of vertical and horizontal fall in any part of the area affected? This can only result from the fact that a celestial body, in size much bigger than a meteor, for the purposes of this technical term, has suffered several explosions and partial to have disintegrated into several parts in various parts of its path of decline. Each individual fragment thus formed, is then precipitated on the ground, following his own path of decline, which may have been both vertical and horizontal, as appropriate. Furthermore, the acceleration of individual pieces during the explosion inside the celestial body, should also have contributed to increase the general confusion. In this sequence of ideas, what is similar to an elliptical plan, represents a kind of explosion range, accumulating fragments of cosmic size, direction and acceleration different in distribution completely arbitrary, confusing, with the possible accumulation of these fragments in the center of the track. Apparently, the precipitation was concentrated there, the point of collapse occurs after falling on one place in the soil. Thus arose a confused, showing craters by impacts opened

indiscriminate, opening round and elliptical holes of different sizes, as shown in aerofotos.

The rough, as was to be expected, the multiple cosmic bomb fell just behind the nucleus of the celestial body, then overtaken by the Earth. The table illustrates the Falls and unmistakable way, the simple idea, astronomically well motivated, than would have been the tail of the celestial body disintegrated, huddle behind their core and, thus, their appearance would have been a huge comet.

In view of this, as the theory was to predict, but in practice it was hardly to be expected, the discovery of the meteor Carolina so convincingly confirms the validity of the argument that the catastrophe of Atlantis originated cosmic.

Therefore, it is a brief report on comets, meteors and concentration of meteors and other celestial bodies that, by chance, through the sky in order to be able to form an idea of what ultimately led to disaster Atlantis.

Let us observe a formal, preliminary. The Astronomy distinguish between fixed stars and planets. One fixed star, the sun, it is in our solar system, in its turn around the planets, he lit up following in their respective orbits, which lie on a common plan, the ecliptic, which, in turn, almost coincides with the equatorial plane of the Sun in rotation. Apparently, this beautifully simple system and, at least in its appearance, highly stable, celestial mechanics, hardly fit meteors, concentration of meteors, comets either. Although the latter also in most cases, genetic were members of our solar system, their orbits do not usually stay in the ecliptic, their plans are those with oblique angle, and almost always, their orbits up extremely eccentric ellipses. So cut the planetary orbits nearly spherical and, thus, can approach the Earth, time or other. As a rule, this approach does not contain any danger, due to the tiny mass of these "shooting stars". Often, the nuclei of comets little resistance, also called "head", and the mass of gas that is under the pressure of sunlight, called "tail", it disintegrates. Thus, in May 1846 was the disintegration of the comet Biela, which appears periodically, during their passage through perihelion; probably disintegrated with the force of gravity once the sun returned, identifiable by their form of comet and then disappeared, probably was absorbed by a large planet, or fragmented in a concentration of meteorites. This is the view of most comets, are transformed into many pieces, as concentrations, continuing the original orbit of the comet. When the Earth passes through such a concentration of meteors, there is the phenomenon of shooting stars. In very rare cases and, by rule, off to such periodic concentrations, larger fragments fall from the sky, as the so-called "ball of fire." Once such "messengers from heaven" obtained distinction and veneration unreasonable and certainly exaggerated. Today, more objective attention, according to the value of the nickel-iron constituent of the body. However, how interesting it may be, it is not here deal with the problems of structure of iron meteorites.

However, there is another problem related to the meteorite, which requires response, namely that the glowing balls of fire and shooting stars?

Each cosmic particle, whether large or small - is good stress this detail at the outset - it moves in its orbit around the center of motion of celestial mechanics, as developed by Johannes Kepler. Within our solar system, the Sun is the center. In its orbit when a cosmic particle comes closer to the other of a large planet, say the Earth, the orbital plane is crossed in a straight line with the particle in question, called the line of the node, it is attracted by gravitational forces of attraction, its orbit is "distorted" and it is much more rapid in its course, the closer reach of the Earth. This increases in proportion to its square speed, the power of flight, able to remove it from the pull of

the Earth. If the particle is sufficiently accelerated, can still escape, in which case it just touches the outer edge of atmosphere, heats up and gas, extremely rare around you, it scintillates like a Geissler tube, is then the trace of a distant sparkling shooting star, across the sky. The more long line is that both the body wandering deeper into the atmosphere.

However, not all the shooting stars to escape this way, many have shifted its orbit, so always stronger for the near Earth, in which direction will be twisted. Under the geocentric point, the orbit of the cosmic particle appears as a drop of almost parabolic trajectory, crossing the first layer of the ionosphere, then the very thin envelope of hydrogen, PPR almost no marks of its passage with light effects. Only to touch the edge of the envelope of nitrogen, about 60 km altitude, the gas density reaches up to the point of the particle to find the progressive air resistance. Due to its high speed fall, these cosmic b6lidos arriving to go several kilometers per second, and its front is heated to thousands of degrees. The peripheral layers evaporate in part its molecules are ionized and begin to shine in their spectra typical linear. At that time, the meteor in the sky appears as a ball of gas, opaque gloss and color usually red or green, as a rule, it takes even a tail as if it were a comet. Sometimes the light of exceptionally large bodies up to overshadow the brightness of the sun because of the enormous thermal expansion, there are extremely high voltages of collapse within the meteorite, which the body can not resist for long and eventually exploding. In this case it may be that the sky falls a rain of balls of fire, major and minor. However, in most, and despite its impressive brightness, the meteors are tiny in size and, rarely, her weight is 100 g. They evaporate and dissolve it well before reaching the ground floor. It is nothing, beyond the memory of the observer to have sighted a light warning, suddenly, a trace of fire white, green or red, crossing the night sky. However, not all meteors were so harmless, and therefore there is the opening of the huge crater in Arizona, USA, which is not the only witness the fall of a large meteor. Also in today's falls were recorded b6lidos such as the two examples that follow.

The February 12, 1947 was recorded the fall of a giant meteor in Siberia, in the Sikhote-Alin mountains, north of Vladivostok. At least one hundred fragments of large meteor hit an area of over 13 km² of surface, the holes opened by the collapse were almost circular, its diameter reached up to 25 m and its depth 15 m. The forest around it was destroyed, many trees were uprooted and thrown away. The entire region was covered with pieces of iron, both large and small, including some weighing up to 100 kg. At the time tried to calculate the mass of primitive meteor that undoubtedly exploded in the atmosphere, on the basis of the fragments collected and, thus, it was found the weight of approximately 1,000 tons with a diameter of 10 m. For a celestial body, such specifications do not represent much, but for a meteorite are very respectable.

And even then that giant meteorite was still a dwarf compared to that, more than 39 years before, also fell in the virgin forests of Siberia. A meteor fall in with that long and there are authentic reports that convey an image of the plastic collapse and the effects of its impact. The technical report, the goal Kulik Russian astronomer, shows the drama of that event:

"On 30 June 1908, at 7.00 pm, near the Tunguska River Podkanennaya (Tungusca stony), (61 ° N, 102 ° east longitude, west of Pulkovo) precipitated on the earth a mass of cosmic bodies, which fall so far surpassed all that had been recorded. Although the day was clear, sunny, incandescent mass of rock was sighted in the sky in a perimeter of over 360 miles. noise similar to the rumble of thunder were heard up to 900 miles

away and bang of the explosion to a distance of 4,200 miles.

The air pressure was strong as to knock people and horses in a perimeter of 400 miles. Moreover, a strong seismic wave, involving the globe, with a speed of 317 m per second, was recorded by all astronomical observatories, accusing a catastrophic earthquake in Siberia. According to the records of the Seismic Observatory in Potsdam, Germany, the wave took only 30 hours to circumvolve our planet, where back then.

The surge led to the atmosphere huge quantities of meteoric dust, causing the rise in the sky clouds of calls silver. Everywhere in Western Siberia and Europe, the clouds turned the light of day in a rough gray, red, because of delay spread on the entire area north of the Old World. Were observed in the whole continent and the light reflected by them was intense, the night following the day of the fall, the astronomer Max Wolff in Heidelberg, Germany, could not take pictures of the night sky, in the Black Sea region could read with ease the newspaper in full midnight on July 30 ...

If the fall of the meteor would advance in four hours, had happened on St. Petersburg, destroying completely the capital of Russian Empire. Immediately, a column of fire, reaching 20 km altitude, rose at the site of the crash, since all the energy of motion is instantaneously converted into heat. At the same time it was the fall of meteor Siberian, other, smaller sports, fell near the city of Kiev.

The expedition, which, in 1927, visited the site of the Siberian disaster, found fragments of the meteorite weighing 150 t. Therefore, the total weight of the Siberian meteor must be estimated at one million tonnes, at least, but probably in more.

The dispatch noted that a perimeter of 60 miles, the forests have been eradicated. Hackmatack were huge pine trees and overturned, with their crowns pointing out in an area of 12 miles, everything was burned. Today, already planed the many craters, open the soil with falling fragments of the meteor. The main part of the cosmic mass is no longer visible, because it penetrated deep into earth crust.

The inhabitants of the region contains several stories about the disaster of 1908 and describe the huge fire which saw the sky. "

This report suggested the meteor of taiga, famous since then, has to complete the above exposures of celestial mechanics of meteors. Provides valuable links to comparative studies with this celestial body that, a dozen millennia ago, opened the two abysses submarines in Atlantic basin and produced in the field of craters Carolina, USA.

However, the mere comparison of the two meteors, to 1908 with 1947, it is very instructive, the proportion of its mass was approximately 1.000:1. However, the difference between their destructive forces apparently was still more pronounced since the fall of the meteor left little to be noticed in distant regions of Siberia, while the meteor of taiga reflected throughout the Northern Hemisphere, where both p firmament appeared bright red, as the clouds of silver. Also this fact is of some importance and should be considered in subsequent searches.

Further that the meteor was the taiga, presumably, the one that opened the crater bolide circular in hard rocks of Arizona, USA, and despite the use of methods and equipment of the most modern, up to now could not be recovered from depths. Moreover, the crater is so deep that between-minds was almost completely closed with Delizia soil and rocks. Will the surge of Arizona, whose fall was also in prehistoric times would have been a companion of smaller size, a twin brother, weaker, which precipitated the giant across the Atlantic?

The Fall of planetoid

What was the approximate size of the celestial body that produced the craters of the Carolina area, USA, and the two gaps in the submarine area southwest of the North Atlantic, and the depression less deep in the eastern Caribbean?

Any estimate about should be based on the comparable effects of the fall of that body. Its core abysses opened the submarine and its enclosure of rocks around the crater of the city of Charleston, South Carolina, USA. As the polls show no echo of a soil profile sufficiently clear, it is impossible to measure the Atlantic cliffs and deduce from there the size of the nucleus. Therefore, the attempt of restoration should focus on the following method:

In the case of a large meteor exploding, its nucleus is split into two parts and the casing of rock in many fragments, we may assume, and quite likely that most of its total mass was contained in the core of ferro-nickel, more heavy, the weight is estimated as at least equivalent to the shell of rock. This latter figure may be reduced with reasonable safety, of remaining there, as of the inlets Carolina - "Carolina Bays". Throughout the affected area were counted approximately ten thousand impacts, located in the "range of explosion," demarcated by the bolide in disintegration, most of which is below sea level. The size of craters varies greatly, so that it satisfies operate with an average value. It is said that more or less half of the 3000 craters, the surface would have more than 400 to 500 m, but more than a hundred of craters, ie 3%, show the extent of 1,500 m 2,000 m Computing these data, it would not be exaggerated assume a mean diameter of 500 m to a crater average.

It happens that each fragment has opened a smooth cylindrical crater, to the contrary, the crater could not cross it, as in several crossing points. Therefore, each projectile cosmic era of precise and necessary to open the "its" crater in which it was just opening. Because of the high speed of the fall, the soil could not divert to the side and has a direct impact, therefore, the average open with the impact crater indicates the average diameter of the fragment that caused the bolide. Of course, today we can not further examine the conformation of these fragments, however, by way of comparison, it would be reasonable to assume that they were spherical. Thus, it is estimated the volume of the shell of rock to represent the sum total of the partial volumes of all spherical fragments, which opened the 10,000 craters of 0.5 km wide domestic media. From dal, the arithmetical calculation offers no more problems. The average volume of each individual fragment must have been at least one twentieth of a cubic kilometers, 10,000 of these fragments add up the total volume of at least 500 cubic km. To calculate the specific weight of at least 2 tp/m³, comes more than a billion tons of rocks to the casing of the celestial body disintegrated. The weight of his iron-nickel core must be at least equal. Thus, we obtain a total weight of the order of 2 billion tons and a total of approximately 600 to 700 km³, and they correspond to a spherical one bolide 10 km in diameter. Even with a tolerance of no more than a dozen to more or less to the estimated value of the volume, the minimum diameter of the celestial body prior to its explosion, certainly can be estimated in some miles.

In any case, was a giant compared with the meteor that fell in 1947 in eastern Siberia and presumably average 10 m, but also giant was compared with the meteor's taiga, the weight must have been multiple millions of times. If the latter might be an unusually large meteorite, part of a concentration of meteors, meteor of the Carolina, where for a while if you want to use this term in current use, although technically somewhat incorrect, can not be considered as meteor or comet itself, because it was too large for

this category of children wandering cosmic and tiny. It was a planetoid, one of those small planets, not very rare, which orbit in the corresponding groove of the so-called planetoid, but sometimes beyond, and far, their limits.

The following is a brief account on these interesting members of our solar system.

Mars the red planet, is the neighbor of the Earth in outer space, on the other side of the Sun is a surprisingly large gap between Mars and the giant star, Jupiter, orbiting around Mars and identifiable by its brightness very clear, somewhat yellowish .

Apparently, this vacuum was not occupied by any planet. However, since Johannes Kepler saw it, intuitively, a fictional planet, never met, who then entered it as a hypothesis. The rule formulated by Titius and Bode, ordering the distances between the planets and the sun in a simple manner, but not entirely satisfactory, it considers such an invisible world. And on the day of the new year of 1801 Piazza discovered in the constellation Taurus, a spot light, telescoping of the eighth magnitude, which in its own motion, has been recognized as a planet. In view of its size abnormally sensitive to it and like it was created, then a new class of satellites, to the planetoid, the small planets, or planets with similar bodies. The first to be discovered and considered as belonging to this class was called Ceres, was still one of the largest planetariums in those Lilliputian.

That same year, Gauss desincumbiu is the task of calculating, under the laws keplerianas the orbit of a planet, for that was based on little evidence of observation available, located near one another. Thus Ceres, originally observed by Piazza for a short time only, to its juncture with the Sun, came to be rediscovered in 1802. This was the signal for the beginning of a real hunt for planetoid. In 1802, Pallas OLBERS discovered, in 1804, Harding, Juno, and in 1807, again OLBERS the largest planetoid, Vesta, whose diameter is 834 km. With this, it exhausted the possibilities for discovery easier. In 1845, with the most sophisticated, Hencke found Astree and since then, each year it was discovered more or fewer of planetoid. In 1905 already contains more than 500 and in 1950, the number rose from 2,000.

Most of these children between small move up within the planetoid called the sulcus, located between Mars and Jupiter, but some of them evolve in orbits almost unbelievable. For example, there is a group of Trojans, three tiny bodies in a common orbit, which run on a strictly equal, with their ends forming a triangle rectangle.

Moreover, there is another group, also have a beautiful classic name. This group is even more interesting, distinguishes itself by its ellipsoid orbits, highly eccentric, elongated; in its aphelion, it is beyond the orbits of Jupiter and Saturn and its perihelion beyond the orbits of Mars, Earth and up from Venus to reach the vicinity of the sun's rays (Fig. 37). Orbital extreme conditions such as these, are only found in concentrations of periodic comets and meteors, of which those fancy wandering bodies are distinguished only by its greater mass. Their relationship confirms, then, to think of Melton and Schriever, that the "meteor" in Carolina were a concentration of meteors, caused the explosion of a comet's head. Scientifically, this view was justified, but it contradicted the astronomical nomenclature and did not confer with the fact sheet that celestial body.

Also this group was discovered in real time record, as follows: Eros (for Witt, on 13-01-1898), Alinda (Wolff, 03-01-1918), Ganymede (Berge, 23-10-1924); Love (Delporte, 12-03-1932), Apollo (Reinmuth, 24-04-1934), Adonis (Delporte, 12-02-1936), Hermes (Reinmuth, 28-10-1937). Apparently, this group feels great attraction for large planets. In February 1936, one of its members, Adonis, was up to some 300,000 km above the Earth where it would have been attracted and almost captured,

and its possible fall would have caused catastrophic destruction even more than that caused by a atomic war. However, Adonis been very light and has to get rid of the attraction of the Earth, from which it departed in a somewhat distorted orbit, moving in hyperbola geocentric. However, there are eleven millennia ago, the conditions were very specific as to the humanity of that time has not been fortunate to escape a disaster of cosmic proportions.

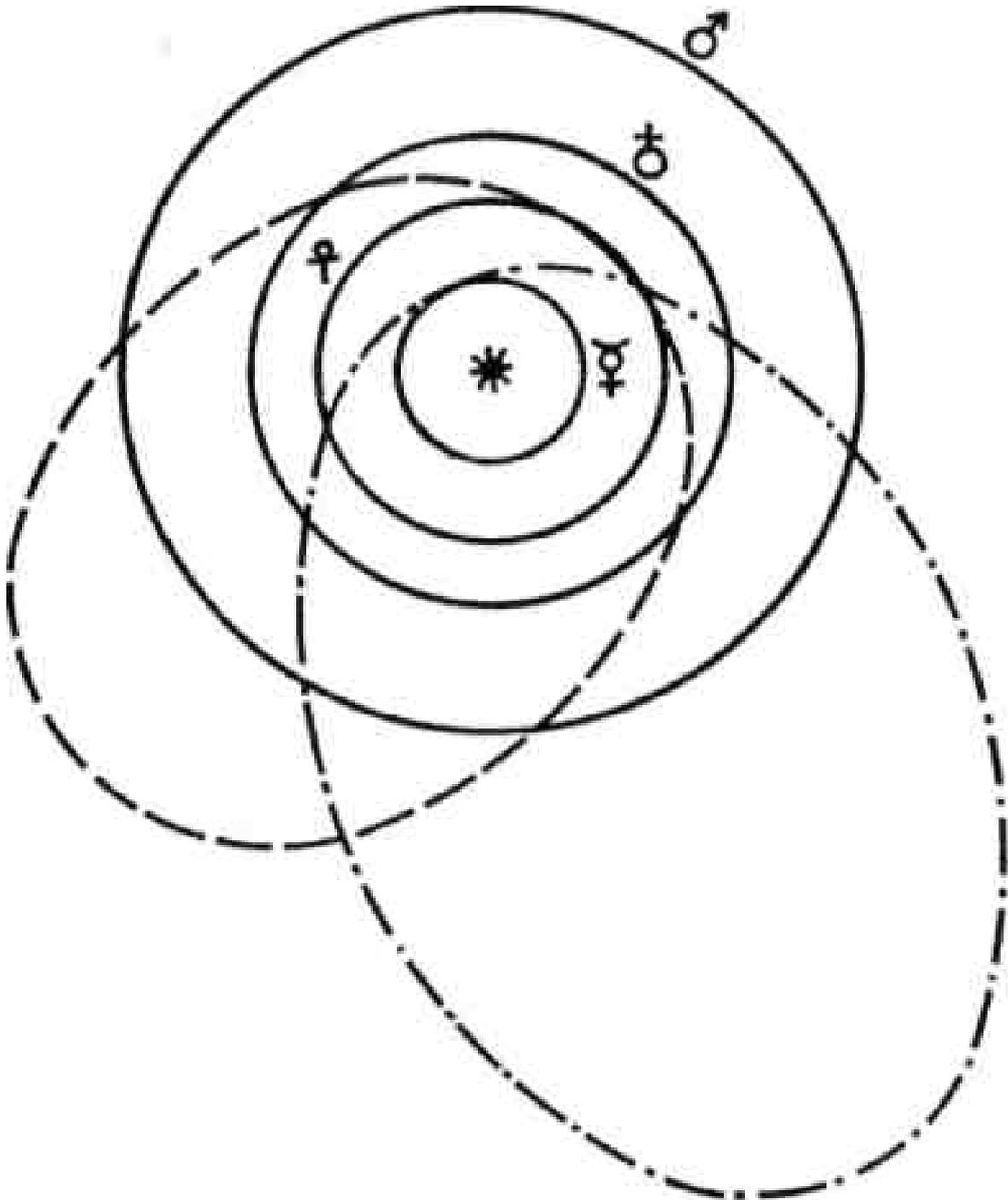


Figure 37. Orbits of the Group of Adonis. This group also includes some small planetoid, spinning around the sun in eccentric orbits. The diagram shows the orbit of Adonis line of dash-dot-dash of love and, in dashed line. By comparison, the diagram shows the orbits of the planets spherical interior, Mars (R), Terra (5), Venus (9) and Mercury (?), Which cut the ellipsoid orbits, eccentric, so that there is a possibility a

collision between a planet and a planetoid.

There is nothing against the supposition also the celestial body of some 10 km in diameter, which then crashed into the Atlantic, have been part of that group of eccentric planetoid. Eros, Love, and Adonis are of approximately equal size. When calculating the effect of the impact of such errant asteroid and, based on values established, the complete amount of destruction caused to his fall, we get that feeling of horror, which try to realize a huge danger, unexpected, the which, by a stroke of luck, it escaped, because, as mentioned above, in 1936 Adônís almost have reached the Earth.

The context of its impact has deduce some information about the supposed orbit of the planetoid that fell in the Atlantic and therefore should be called "The planetoid. He came from the northwest, ie the side of the west. So passed the Earth in its rotation and its orbit around the Sun, because its speed was much greater than our planet. For this reason, its orbit must have been flat and elongated. This gives the characteristics of the group of Adonis. The approximation of small planetoid the largest planet should have happened at a junction, ie at the point of intersection of two orbits. Therefore, the "The planetoid" come closer to Earth than Adonis in 1936, attracted by the gravitational forces land, he had distorted its orbit for a parable of decline, progressively more vertical. With this, their speed has increased proportionally, and must have reached at least 15 to 20 km p / second (speed relative to Earth), to penetrate the envelope of hydrogen. The intersection of its orbit with the earth must have been at an angle of approximately 30 °. A few 400 km of altitude, in light of hydrogen, must have appeared the reddish glow around her. The more it heated up, the more intense, targeted, has become its own brightness. The tail gas has risen to huge proportions. To precipitate on the surface of the Earth, the lethal radius must be much larger than any comet, giving a brightness to outshine the sun itself The human eye spotted that must have been blind instantly. The temperature of its front face, exposed to strong wind resistance and therefore the more intense heating, must have exceeded the limit of 20.000 °, giving a bright twenty to one hundred times the Sun's gases, pulled back, must have that giant cosmic look fantastic. When he entered the envelope of nitrogen and walked the last and most dense layer of air, heating and voltage collapse in the interior have become too much as to make it explode. Here, then, with his jacket several explosions in hard rock has become fragmented into a number of non-lethal projectiles, which opened a groove of doom over the area southeast of North America. Only when I was in the vicinity of the soil, also the core exploded with a bang, to which no human tympanum would be able to resist. The two giants segments, with each weighing close to a billion tonnes, fell into the sea, huge waves rose to the sky and around the two impacts, a hangover of unimaginable proportions spread to all sides. If the height of waves was of some 10 km, was flooded up to the Mount Everest.

Without doubt, the hangover caused a terrible destruction in all coastal regions, which ruined any and all traces of civilizations antediluvia them. On the basis of the orbit can be reconstructed with reasonable accuracy, the trajectory of decline and the impact of planetoid, which must have been visible in the northwest sky, like a parabolic arc from 800 to 1,000 km, rising on the horizon. That body that had been silently approaching and with the speed of thought, incandescent pieces fell on the earth, as if there were mangle it. All the spectacle of beauty barbaric, savage, should not be delayed for more than two minutes from the onset of first light in the sky, until the thunder of impact,

caused by the collapse of the core. Presumably, the thunder was heard throughout the land, minus the people inhabiting the range of the explosion, every living being there died before coming to hear it.

The light in the sky was visible for more than 2,000 kilometers away. This was the awful phenomenon of fire, appeared in the night sky at the time of the flood, during the reign of King Foron mythical, and which to St. Augustine in his book "De Civitate Dei", based on the report of lost Adrastea and Diao and that would be powerful to the point of changing the orbit of Vesper, the star of the night?

An event of such proportions, unimaginable consequences and impact sensor so stunning must have been recorded in the memory of those who witnessed, leaving them with a terrible and indelible impression. So what unforgettable experience that spoke to the posterior was not forgotten, like many other things. The characteristic shape of such images in memory was kept in myths because, besides the restoration objective, which always find, calculate and show important details, humanity has no evidence whatsoever, unless such mythical remnants, which shall content itself. The myth of confrontation with the image obtained by the reconstitution of the facts, or desvalor judge the value of both, revealing whether and to what extent, give or not give in its essence.

What old people still remember and sent about, and little was retained to this day. In the West Indies, the Spanish conquest, in their zeal to convert the pagans to Christianity, destroyed almost everything that existed in real evidence, the Mayan codices, irreplaceable, dating from legendary times and never deciphered, were almost completely destroyed. Two of the few existing reports, speaking of celestial catastrophe, which, of course, do not deal in the style of a scientific report, but in language mythic, poetic, visual, are cited below.

The Popul Vuh, reports that the "god of the horror, Huracan, flooded the earth while at the same time, the sky is observed a tremendous fire. This report gives and with the reconstitution of the facts, the person removing it from Huracan, avenger or punishment. Similarly the Arawak, Guiana, first recall that the Great Spirit punished with the fire and after they inflicted a terrible flood, it can be discerned and the fall of the meteor strike caused by its impact, flooding the Guyana. However Also, there is a legend in the East pre-Hellenic, like counting, but perhaps even more clearly. We talk about phaeton, which would drive the car of the sun, but the horses of fire escaped his control and he came very close Earth, which burned in half and then was struck by lightning at sea, in Eridan.

Very impressive is a passage in Chapter V of Book Chilam Balam, highly significant, written in Mayan language but in Latin characters. The following is the text of that passage, removed the parables and allusions unintelligible, mythic, of secondary-importance:

"... This happened when the earth began to stir. Nobody knew what was to come. Fell a rain of fire fell ash, rocks and trees. Trees and rocks were dropped ... and the Great Serpent was torn out of the sky ... and then your skin and pieces of his bones precipitated on the earth ... and arrows hit orphans and old people, widows and widowers, who lived but had not strength enough to live. "They were buried in the sands the beach. Then came awfully big waves. And with the Great Serpent, the sky fell down and dry land was submerged ... "

To our subject matter this report, and much, much about the details terminating on its merits. Comes from the country near the coastal area hit by the meteor Carolina, so, give exact details of the fall of the meteor, which there must have been sighted in all its

fullness. To avail himself of the comparative picture of the Great Snake, torn from the sky, with extreme plasticity illustrates the appearance of the planetoid in fact similar to a body of snake, with the gases emanating from the front and forming the luminary. In his luminous career, overshadowed the brilliance of the sun, really should have had the appearance of a body of serpent, formed by stars and suns, giving the impression that the Milky Way, the Great Snake own Universal, were to rush on Earth to destroy it. Like a snake in mouth open, vomiting fire, the terrible cosmic phenomenon close to the world, suddenly disintegrated, when then "... his skin and pieces of his bones precipitated on the Earth . There is another comparison table to play with equal force and precision plastic demonstrating the phenomenon, for which description would hardly words?

The planetoid A "was just one among many of his fellow group of Adonis. All travel eccentric orbits and also all of them, time or another, approaching Earth. And not always can count on the luck of humanity away from this approach in the same way as happy escaped in February 1936.

The Tremendo tuck

We just describe the fall of the meteor in the southwestern North Atlantic, which caused the greatest and most terrible disaster of the known myths of humanity. With the impact, entering the bottom of the bed Atlantic basin, the planetoid A "no longer exists, was absorbed by the Earth, but the west has to face horribly marked.

The Russian astronomer Kulik reported that a column of fire, 20 km in height, rose to open the meteor crater in taiga. However, despite this, in comparison with the mass and power of "The planetoid," meteor that was a dwarf, a nothing. The mass of the meteor's taiga represented only the fraction of the two million that "The planetoid" of the meteor taiga precipitated on the Earth with a speed of just over 1 to 1.5 km p / second, as can deduct the site of impact, approximately circular, which indicates a nearly vertical trajectory of decline and therefore very bent, so may not have been covered with speeding.

The planetoid A "was certainly ten times faster, considering their history of approaching flat, elliptical, its coming from the West and impact angle in plan, indicated by the ellipsoid shape of the two abysses submarines. Also, only a small fraction of his speed was lost in the Earth's envelope of air, while the meteor of the taiga, in his capacity as bolide smaller, there has slowed much more sharply. In considering all these data, it follows that the force of impact and, with this feature of the magnitude scale of destruction caused, the "planetoid the", topped by at least two hundred million times that of the meteor's taiga. What happened in 1947 in the virgin forests of Siberia, along the River Ienissei, while it was a disaster site, offers no point of comparison with what, eleven millennia ago, occurred in the Atlantic. Only multiplied by two hundred million times, it could be considered as a comparison. In 1908, the column of fire rose to 20 km above the surface, but once in the Atlantic, the cosmic fire, the proportions of a protuberance land, must have exceeded the edges of the envelope of air and the ionosphere.

Multiply the mass with velocity, you get the momentum and, thus, decisive for the size effect caused energy. The determined weight of approximately two billion tonnes (= weight), corresponds to about 200 tonnes quadrilhões (= mass), multiplied by the speed of the order of about 20 km p / second, gives the momentum of four tonnes quadrilhões p / second, a truly astronomical figure, comparable only in terms of values of

magnitude astronomical equivalent.

A high pulse can not have failed to exert dynamic influences on the rotation of the Earth, in pace. Although the stria marked in the earth's crust were greater, at about a billion times, the momentum of the impact alone could hardly have been sufficient to speed up or slow down the rotation of the earth, not in a small measure, immeasurable. However, the planetoid, causing oblique impact, acted on the rotation of the Earth, such as acting as a pebble on a pivot, turning slowly, and, suddenly, it hit the top, oblique angle.

How does, then the pivot? Way of stabilizing, starting to decrease their movement. Its axis starts to wobble, lose their position in the vertical plane on which is placed and evolves into a movement groggy. There was, in fact, that the earth, or rather the earth crust, you stumble, at least since the end of the Quaternary. The route takes about 25,000 Earth years to make a move tottery, to complete a single movement tottery, the Earth rotates on its axis by about nine million times. Also the earth crust, in turn, has a pulse on the order of kilograms quadrilhão p / second, 250,000 times to overcome the impulses of the order of four trillion kg per second, calculated for the impact of "The planetoid. According to the theory of the pivot, initially in the Earth rotation should complete a vacillating motion in the range of 250,000 days, ie approximately 700 years. How, meanwhile, the period of motion tottery increased to 25,000 years, it was there that he was largely absorbed and slowed down by forces of internal friction, acting between the earth crust and its bearing of magma. The Earth will cease to stumble, with the angle of the opening of the pivot tottery decreasing, gradually, because its rotation axis erect, for the work forces of friction. This whole process is co-influenced by the Sun and the Moon, whose gravitational forces transmit tilting moments and, therefore, pulses of precession to Earth, is not exactly spherical, as is known, due to the bulge along the equator. The broadly, the movement of precession causing the frequency of the known solar stations, of course, in the early quinquênio, this movement was more pronounced as today.

In the first 700 years after the disaster, this movement tottery caused an imbalance in the Van Allen belt. This belt consists of two zones, in the form of shell, involving the Earth and have high intensity of radiation, the cause of this is in the earth magnetic field.

The Van Allen belt absorbs the proton-rich energy, from solar-Rance protube, this absorption occurs primarily in the inner shell, from an altitude of 3200 km above the earth's surface. The second shell, and more foreign, with a sinuosity almost elliptical in transverse direction against the sun, it extends from 16,000 km above the Earth, to within 50,000 kilometers of the universe. Only in terrestrial magnetic poles, the tip of the Van Allen belt reaches up to 320 km within the ionosphere.

As a result of disturbances in the Van Allen belt, the Earth is important graciously exposed to solar storms and the resulting hard radiation. This means that a larger number of atoms of nitrogen is converted to carbon isotopes, thus enriching the radioactive carbon in the atmosphere. However, even with some delay, this may contribute to the restructuring tabilização of terrestrial magnetic field from outside. As the movement tottery weakened, the Van Allen belt managed to resume their protective function, intensifying it proportionately. Today, the problem ceased to be important, as meanwhile the period for the implementation of a single movement tottery is increasing for 25,000 years, but still do not know for sure what the consequences would have been caused in the first thousand years after the disaster. Ortrora, the periodicity of the seasons was related to an intensity of radiation at least

different, but certainly more dangerous than the present.

It is unknown if this existed in the Quaternary period. Only based on the hypothesis of Laplace, unproven and unlikely, it is assumed that the solar system was stable, allowing only small variations of orbital elements more or less of certain values. Strictly speaking, one would assume that, to the north of the isotherms to zero degree, the formation of ice and their conservation would be possible only when there was no interference of the periods of the heat of summer. In summary, during the Quaternary changes in temperature influenced the change of seasons have been lower than they are today. It would be the case, then assumed that the position of the earth axis on the ecliptic be reasonably vertical, in just slightly oblique angle. In all likelihood, the Quaternary this angle was much smaller than today.

The modern value is around $23^{\circ} 27'$ and is currently declining in some $47''$ (ie $0.785''$) per century, this would correspond to 0.013° per century, or a decrease of 1 in 7,630 years. But this gradual reduction is the theory of the pivot, pivot groggy as all, including the Earth, makes the building, where the friction forces act in the plane on which he is placed. For the pivot-toy, these forces are generated by friction between its tip and the surface on which is, in case of pivot-Earth, which is accompanied only by barge envelope of rock, but not the melting pot and not by the core gas, these forces are generated by friction between the envelope of rock and the magma inside.

Therefore, one would expect that, apparently, at the beginning of quaternário the ecliptic obliquity maximum was first accelerated and then decrease slowly as the friction decreased. When extended backwards, the line representing the ecliptic obliquity, as a function of time elapsed since the beginning of quaternário not turns into a straight line but a curve in mild slope, gradually vertical.

The tremendous tuck, ending the fourth time the great symphony land, made the Earth wobble and shake, do not know in how many degrees, but the humanity in recorded memory that singular event. Proves it to legend, the myth that in most cases usually transmit the primitive man's religious knowledge, by means of images, reflecting cosmic experience.

To do so, or should go in search of evidence between the red-skinned people living near the site of the disaster because they were too impressed with the all-burning fire and the waves beat the all-enveloping that followed, or is, with the immediate consequences of the impact of the planetoid in the Atlantic coast.

These consequences caused horror least the people who inhabited the most remote areas, but was still a tremendous psychological impact suffered by them. They experienced in the flesh the other consequences of tremendous tuck, which kept in memory, yet you know that in time, the earth quake and the whole sky out of his celestial order, perennial, with the turmoil that he went.

Especially those memories is part of the legend above phaeton. Only in a poetic matamorfose, later, the hero is presented as the son of the god of the sun, but Homer and even pre-Homeric poets have it as phaeton, the light, the very adjective Helium. But what would, in reality, the mythical-allegorical image of the car's sun, leaving its track through the sky to fire half the Earth, the closer to her too? Does this mean that the divinity, guiding the car, was hit by lightning of Zeus, bright as a meteor, because this is what its name says, fell on the earth and waters of Eridan, the mythical river of the West?

This image shows a mythical cosmic disorder, whose restoration is perfectly feasible. For a man in touch with nature, instinct driven geocentric, the earth is a solid disc, on which rests the sky. Axis land, ending with the lodestar, is the pivot around which

turns the sky. Your crystal ball bears the epicycle of cycles and planetary orbits, which also includes the sun slanting With elliptical-ca very low, this framework remains relatively constant year after year, representing a wide constituency, including an angle with the horizon , equal to the degree of latitude. Even when you feel that the Earth received a strong push, the stronger the coming of an earthquake, do not have the impression of being the land tremble and stagger, but the sky, the transparent dome, with its non-number of stars flashing, shudder and wobble was. When the sun seems to stumble through the sky, this phenomenon illustrates the result of a telluric disturbances, described by observers naive so subjective and correct, but incorrectly transposed into the sky and seen as a shift from solar orbit. In memory, confused is these two events, the car's sun groggy and fall of meteor, not immediately visible in the land of the East, but then released by rumors as to be commingled in one. This is the final part of the myth, showing phaeton, hit by lightning and the sun falling from the car

Also, the epic Völuspá, singular poem, decanted from time remotíssimos gods, pre-Germanic, and that in the Middle Ages was still recited in Iceland, provides clear and objective evidence in respect of our subject. As foreshadowed in the initial verse, this epic relates the earliest history of humankind, not all of humanity, of course, but only part of which descended from the divine mythical, alleged author of the poem. Says: Verse II - First was the time when Ymir lived. There was no sand nor sea nor salt wave, not found the earth, the sky or in the highest. It was a big emptiness in the grass grew anywhere.

Verse III - Until the sons of Bur raised the turf, she created the Mid-gard, the legend. The sun shone on the south face of the stone battlements. The ground was green, with green porro.

Verse IV - The South, the sun, companion of the Moon, moved in with the right hand edge of the sky. The Sun did not know about their rooms, the Moon did not know its strength. The stars did not know their address ...

Verse II describes the time period of the primitive Quaternary, the stages of glaciation. That is the view of the large empty, sparkling, the ice sheet covering the frozen land and sea of uniformly white-gray sky with its clouds of snow that, without horizon, is confused with the Earth. The two following verses describe the cosmic and telluric changes, ending the era of glaciation and introducing a new era. The sons of Bur, deities of the new era that, in another epic kill Ymir, the giant of the snow, in which blood drown the world of giant glaciers, raise the piece, is the memory of the earthquake, they pose under the layer of ice, which then discards and back to Scandinavia. The soil of the land, now free of ice, it is green, under the rays of the sun, rising to the south, set up the "Legend of Midgard."

Verse IV implements the barge, the lift and shake the earth. The sun, the moon and the stars wanders aimlessly, with no fixed location, without addresses defined. This means that left to their apparent orbits, geocentric, and engaged in new directions. When the Earth wobble, we Earthlings, the universe with all its stars is stagger.

A glance to the night sky shows the stars as fixed, especially in the polar region, this means that from then transferred their orbits, traveling spherical orbits, recognizable around the celestial pole. When leaving their fixed locations, their chairs of crystal, we always spherical, to another place, around another celestial pole. Therefore, the verse IV describes the process of displacement of the celestial pole.

Indeed, the celestial pole is a point that exists only in our subjective imagination, it marks the supposed meeting fictitious axis of rotation of the Earth, infinitely long, the

apparent sky. To go to the supposed celestial pole, which actually moves is the center of rotation of the earth and sky is the shaft to wobble and shake, toward a new equilibrium level, as we think, but the earth axis.

This enigmatic verse, evidence of natural invaluable, given by a witness naive, eye, only describes the displacement of the earth axis and the beginning of a precession at least intensified. The verse of stanza II IV illustrates this with the example of Sun Suddenly, the sun is pushed to its elevation to the celestial horizon (edge of the sky) in order to give the impression that, in the fall, is looking for support in edge firm. The contingency of the Sun is quote as "companion of the Moon" could be an indication of the constellation of the new moon, in which the Sun and the Moon known, the latter growing in close, appear side by side.

In turn, also the reports of phenomena metaphysical Bible often tend to use mythic imagery, which could have been inspired by cosmic events. In this sequence of ideas comes to mind the fall of the angels. Its text is well known, Lucifer, the most beautiful and strong among the angels originally created, it rebelled against God, Creator, and a revolution sky, tried to dethrone the Almighty, this attempt led to the fall of Lucifer and his supporters of the darkest and deepest abysses of Hell. The Old Testament makes reference to a single connection, in Isaiah, 14, 12-15, at the same time, a prophecy related to Babylon and its kings, whose fate would be equal to the primitive "Princes of the Earth":

"How caíste from heaven, O shining star, who birth the day shone How caíste by land, that you rent the nations? Say that in your heart: the sky upstairs, set my throne above the stars of God, sit I will mount on the alliance (located) to the sides of the Aquilão. surpass the height of the clouds, be like the Most High. And yet, you were precipitated into hell, to the deepest abysses. "

The revolt of the renegade angels under Lucifer, strongly recalls legends like Greek, talking on the revolt of the giants in the rebellion of alóades, the struggle between gods and Titans. There, the lightning and thunder of the sky god decide the fight, the giant Tifa, and alóades are down, fall down, are buried beneath volcanoes.

Could pass unnoticed by the link between these narratives, exaggerated to the point of becoming myths, and objective reporting of the fall of "The planetoid?"

If this assumption is correct, then the story of the "Fall of the Angels" close the memory of the Atlantis disaster, killing the island of Atlantis, the sinking account in visual language, pictorial.

Considering all these factors and assessing the myths of objective way, without prejudices, it admitted that the popular legends send an event, susceptible to be reconstituted in fact, language in plastic, multicolored, but not for this less subjectively true and correct. Also, should not be surprising the fact to use their own terminology that eleven millennia ago, was obviously different from our current way of talking.

The explosive charge of Cosmo

In the area of impact of the meteor taiga, a column of fire rose to 20 km altitude. Kulik, the sober Russian scientist, described the fall of the meteor disaster and described its effects posterity. However, in considering this description with strict objectivity, recalculated their data, figures are obtained by a somewhat disappointing for the modern man, accustomed to the effects caused by atomic bombs. Kulik indicates the weight of the taiga and the meteor was about one million tonnes, its velocity of impact must have been about 1 km / second. There are assumptions on the

strength of their impact on the order of about 50,000 km / t or 5.1010 m / kg, with the value a bit of heat passing 100 million calories. In order to obtain similar local effect, it must employ some 75 t of nitroglycerin, which represent less than one hundredth of the force developed by an atomic bomb, the type A.

However, what was the meteor of the taiga in comparison with "The Planetóide? The mass of the latter was at least 200 billion tonnes (= mass), its speed of fall, conditional on Earth, was 20 km p / second and therefore the force of impact was 20 billion tons kilometer (MKG = 2.1019), with heat value of more than 40 billion calories. To achieve the same explosive effect, it needs to detonate, or 30 four trillion tons of nitroglycerine, or in the event that it is estimated one million tonnes of explosives equal to the destructive force of a modern hydrogen bomb, this would represent the total impact of 30,000 atomic bombs, launched in highly concentrated bombing.

The full force of the impact of "The planetoid" may be taken as being equal to 2.1019 or 4.1016 MKG calories and this huge amount energy was represented by an explosive charge from the cosmos, where it has its ignition , which penetrated deeply into the soil land. Of total load, the jacket was half rock and half of the nucleus. Therefore, each of the two segments representing the core disintegrated, it took about a fourth part and each of the 10,000 fragments of the disintegrated casing, a twentieth part of a thousandth of the total load.

Let us these fragments, which opened this terrible track impact of destruction, called the field of craters Carolina and whose origin is attributed to the meteor Carolina.

The fall of each fragment of size - any attempt at recovery can only operate with values - had the force of impact of approximately one billion MKG on an average surface area of 200,000 m², so there was an impact of around 5 quadrilhões of MKG p/m². In the case of the meteor's taiga, the area destroyed by the impact and the formation of flames, as described, had a diameter of about 20 km, ie, area of some 300 km², or 300 million m², even assuming that the total area only one third party was hit by the meteor bombardment, it would still 100 million m². As calculated above, the energy of impact was 50,000 tkm, ie 50 quadrilhões of MKG, therefore, only 500 MKG (p/m²) fit the square meter of surface, which represents only the value 1/5.000.000 Comparative assigned to "The planetoid. The amount of energy of impact is much more interesting to show that the disaster in West Siberia and it was so horrible like this. The energy density of the meteor of taiga, which barely reached 1/5.000, was well below that of developed by a grenade cannon of that campaign, shot in direct, hits a target next. However, with "The planetoid", this energy was two thousand times greater, considering only the fall of fragments of the shell of rock.

It turns out that the density of energy, also called the ballistic coefficient, is the decisive factor in the strength of penetration of a missile celestial or terrestrial. The fragments should open in soil depths of the craters are measured in kilometers. It was only at that depth that found its point of rest, and in each case iosolado, the effect lasted only a few seconds.

At that moment, nothing or almost nothing of the heat of friction, generated and stored in the front face of the projectile sky, could be diverted. The heat then concentrated enough to heat the entire sky rocket up to 4000 ° C. However, due to the time of impact, very short, almost all the heat was concentrated in a narrow edge of the front, where the local heating should have exceeded the 10,000 °. The great light, radiated by the missile within the earth, can be inferred from the fact that the temperature on the solar surface is of only 6000 ° C, which represents up to one tenth, but probably only a hundredth the brightness of the light source invisible .

No material substance could withstand an attack of this magnitude heat; disintegrate its structure would be and at the same time evaporates. Back, toward the opening, the exhaust gases unbridled were barred by the wreckage of the missile, locked deep in the soil. Therefore, the destructive power of the cloud of gas, hot and unimaginable under enormous pressure, it must be taken not to run down, but to the sides. At these forces, the action so sudden, gave up the underground strata of granite and dunito then deformed as if they were to pitch. With the expansion of the gas, huge holes opened up, at great depths within the earth, drilling the substrate, which was equal to the consistency of a sponge. In view of this, it is understood that the coastal area most affected in the Southeast, was completely fractured and became underwater, it was mercilessly drilled, both from above as below.

But also the area where the soil weathered, suffered horribly. Apparently, there are the impacts were not as concentrated, perhaps, the bombing had to be less heavy. In any case there have not yielded the base. However, when the few gases escaped, or their gradual cooling, is precipitated on the walls of the huge underground cavities the contrapresses shall, acting in low and contributing to the conservation of structure, also began to sell. However, the top layer, capped once more due to the action of mud and peat, the supply of filling material should not be slow to show the typical framework of the current "Carolina bays", and rests with all its weight on the substrate seriously shaken. Was then beginning the recovery process geological, promoting reprocessing and stabilizing the soil strata destroyed, today, more than eleven millennia after the disaster, this process is not finished yet, thus the magnitude of the immense cataclysm. Tectonic tremors continue to shake the area, still not fully recovered. At any point where there is collapse of edges of cavities underground, making the danger fragilísimo balance the earth's crust, so severely damaged.

Therefore, the city of Charleston, located right in the middle of the field of craters (Fig. 36) and the edge of the strip of land kept intact, is the center of such tectonic tremors. The Figure 38 shows the gradient of the intensity of the movement of soil during the tectonic earthquake, recorded on August 31, 1896. The comparison of these two figures reveals the identity of the area of seismic tremors in the field of craters, the range of explosion, caused by the impact of the collapse of the housing of the rock planetoid.

However, if the two abysses submarines, the force of impact was immeasurably greater. There was the collapse of the two core segments, with each weighing half a billion tonnes, each developing a force of impact of about 2.5 billion tons kilometer, each reaching an area of some 10 million m², or is an energy density of the order of some 250,000 tonnes kilometer per m², corresponding to 2.510 mkg/m². This value exceeds one hundred thousand times in the corresponding factor of a gun campaign, and one hundred times that of a fragment of the envelope of rock's planetoid.

The ratio allows for a quantitative conclusion about the approximate depth of impact. Underneath the Atlantic Ocean, the earth crust is not very resistant, its thickness, certainly no more than 40 km. Undoubtedly there was a clear drilling. Under tremendous tuck, the skin tore tense beat where the two sticks. Today, after eleven millennia of geological healing of reprocessing and surface flooding, the depth of the two gaps is still of 7 km.

However, do not know the latest deep, holding the fragments of the core of the meteor. Perhaps, like most of the bodies of their gender, it was of ferro-nickel. In this case, then those depths unknown, inaccessible to humans, is located a greater incidence of metal across the globe, with perhaps millions of tons of platinum. Presumably, in the

most part and as was described for bólidos children, originating from its sheath of rock, the celestial projectile evaporated gas in high voltage and temperature unimaginable, which in turn opened huge caves and cavities in strata deeper crust of the earth. In the course of decades or centuries, the gas cooled precipitated in the walls of these cavities, which may form a thick crust of nickel. Hardly the man recover these treasures immense, lifting it from the depths. Due to drilling elusory the substrate, the gravity should stop working until the needle of the compass would be of little help, such as iron-nickel alloy and could be antimagnéticas, thereby impeding the reactions of the instrument, ultra-sensitive conditions normal.

It is worth mentioning here that Charles Berlitz wrote in his book "The OF BERMUDA TRIANGLE", regarding the possible existence of vast energy complex, within that area. In his view, sources of energy concentrated in the seabed and that until today have been activated occasionally by aircraft sobrevoando the region, which cause magnetic sifões disenable instruments and magnetic elétricos. Nestes recent years, have been discovered huge complex Structural submerged, situated near Bimini and in other parts of the Bahamas group. Were these the remnants of an advanced civilization, there would have existed for many millennia minutes. However, this goes beyond the realistic scope of the research presented in this book and therefore should restringirmo us to the subject at hand, which is the disaster caused by the collapse of "The planetoid.

What would have happened when the gas crowded, overheated, in part out of the impact craters have escaped back? The reader is left to imagine these effects, because to do so no terms of comparison. In any case, the second strike should have been more intense than the first, happened in the moment of impact. In this context comes to mind the beat, from the eruption of Krakatoa, in the archipelago of probe, which claimed the lives of 40,000 people, but in comparison, he went from a simple set of waves.

What was then the number of people affected by the disaster in time before the time? Figure 38. Seismic areas around Charleston. The city of Charleston, South Carolina, USA, is situated in the center of a potentially seismic region. The zones of equal seismic intensity are almost in concentric circles around the outbreak, in the depths, the comparison with fig. 36 shows the degree of accuracy with which the location of the focus of the field gives the craters of the Carolina.



Such figures of horror can not be restored, but the Codex Troanus reads:

"In the sixth year of Cam in the eleventh month of Muluc Zar, was a terrible earthquake, which lasted until the thirteenth Chuen. Mur, the country of the hills of clay and the land of Mound were its victims. Had two shocks and suddenly, disappeared in the darkness of night. In many places, the earth crust was constantly raised and lowered by the ground forces, until no more resist the pressure and deep cracks have to separate many countries. Finally, these two countries, with 64 million inhabitants, disappeared in oceano. This was 8060 years ago. "

Although the translation of this text, made by Brasseur de Bourbourg not be considered as guaranteed correct, but for many people was put in doubt the same, though apocryphal, gives so strange with the results of the studies to the reconstitution of the fate reserved for the unfortunate inhabitants of those regions damn as to authenticate the word that witness from time remotíssimos. But then, even should revert to the timing given by the Codex Troanus.

Even if the destruction caused by the impact and underground detonation of explosive charge, from the cosmos, had elapsed from the above way, in any case was not yet the Atlantis catastrophe itself, but its introduction, the spark that led to its ignition .

During a single day and one night unchancy ill ...

As reported by Kulik, the meteor of taiga not only caused even greater damage because the energy density of its impact was relatively low because, it stressed this point, fell on a region uninhabited, deserted, which reached a dollop of SIAL, perfectly intact, powerful and almost indestructible strength. Also, according to the calculations of Kulik, if his fall was delayed by four hours, the city of St. Petersburg would have been reached. Then this event, which received little attention at the time, was recorded by the annals of history as a disaster of horrific proportions. However, that history refuses to take note of a ca-taclismo still much larger and well documented, the result was reconstituted in all its phases.

The planetoid the ", and incomparably faster, although volume had a mass greater than its tiny Siberian congener, which was over five hundred million, about the density of energy in the region of impact. The most serious was the fact of not having achieved a perfect dollop of SIAL; wanted the inevitability of chance that fall precisely on one of the most vulnerable, sensitive and less resistant the earth's crust, that line of fracture, dotted the volcanoes, the remaining old line, the time pre-tertiary to the Atlantic basin extends between the tectonic plates of the Old and New World, called the dorsal Atlantic.

The dorsal, before a division of that connection, through all the vast area between the volatile island of Jan Mayen in the North to the island of Tristan da Cunha, to the south in an area of great instability, under a line of collapse, existing from time so remote, the solidified part of the earth crust, the texture of SIAL, is much more fragile and thinner than in any other point. Here the zone of fusion with the magma to the surface is more generally only 15 to 20 km inland as indicated by the large number of volcanoes in the local wells and whose reach pockets of magma and lava containing strata. By virtue of its content of water vapor and carbon dioxide, there, everywhere, the igneous area is under high enough pressure inside such a well, to design the washer to an altitude of Mount Everest. Only a thin crust, acting as a lid little resistant, retains the fire and protect the underground waters of the ocean against his clash with the underlying net incandescent, compressed between the magma, below, and dividing crust on top. The forces tumultuous igneous these areas were released at the moment when the interference of peripheral caused a disruption of the shield, lethal fragile at this point,

protecting the habitat of man against the infernal regions.

That was the shield pierced by the collapse of two segments of the core of "The planetoid. The two craters, open to the impact, it was huge volcanic wells; igneous reached those depths and with a tremendous tuck has been the detonation of powerful explosive charge of the cosmos, as the destructive power of 30,000 hydrogen bombs. The comparison, then, might give an idea of what this would mean.

The Earth, with its shield from 40 to 50 km thick, is similar to a high pressure boiler, built of sheets of thin gauge steel. Moreover, the plates are not welded in their joints, which would be a factor for strengthening, but riveting, which is a weakening factor. Its edges are riveted to the lines of rupture and break the earth's crust. The impact of the meteor was the taiga as a lightweight hammer to hit the center of such a steel plate, it resonated but resisted the impact. Moreover, the fall of "The planetoid" acted on the earth crust as a way of projectile, launched from the mouth of a cannon, had reached the boiler, and a hole next to the rivet, and from that point, would have damaged the whole riveted. What would happen to a boiler, subject to such harsh treatment? Well, the riveted not resist more damage to internal pressure, unchanged, but give high-pressure boiler and explode.

Similarly the cauldron exploded under the Atlantic basin, where the impact of nuclear segments of "The planetoid" caused the first and decisive hole in the zone of rupture in the dorsal Atlantic.

Rumble, then the chords of an inaugural concert Hell. Immediately, through the newly formed two wells, the fiery magma, carnation, rose with incredible speed and is mixed with other liquids overlapped, until reaching the waters of the Atlantic. With this, created the preconditions for a volcanic eruption, underwater, in the largest possible proportions. She opened the rivet of the cauldron, which sold under such pressure. The seabed broke up in south-north direction. All volcanoes there came into activity, with new wells, formed at the time, projecting the fiery lava. Tremendous shock into the underground fires and the sea, where the mixed-magma and steam. Between two continents, the earth threw up fire from the volcano of Beerenberg, on the island of Jan Mayen in the north and the island of Tristan da Cunha, the South

All this must have happened with tremendous speed, equal to a radius. For two minutes the lightning trajectory of fall planetoid on Earth, but before the strike caused by the impact have reached the beaches, the gates of hell were gaping and left them the fire of a fire diluvial, before the deluge itself extinguish all life on Earth. In the chain reaction, this volcanic disaster continued along the line of rivet, launching uninterrupted mass of magma and water in the infernal battle the elements.

The length of that hell may even be calculated with reasonable accuracy. Supposed that this process had continued along the line of rupture, with speed equal to that measured in soil cracks, appearing also in tremors of low and medium intensity, we obtain an approximate speed of about 15 mp / second. The length of the line of rupture was about 3000 km, from the point of impact, toward the North, since only this section applicable to our subject. Therefore, the whole catastrophe could have continued for two, maximum three days, to destabilize the entire area between Puerto Rico and Iceland. Within 24 hours, the explosion must have reached the point to the South Atlantic small chunk, where the line break, then solid, is divided into two almost parallel, around the Atlantic-of the West and East. Each of these branches was 1.200km, and therefore the disaster must have taken a day and a night at most, to visit them. With this, the whole island was stuck in a loop of fire. Around it, the fund was open ocean, the earth crust underlying broken and, everywhere, the magma, bright,

red, emerged from depths to mix with the waters of the Atlantic.

The water vapor generated in the process, the condensed magma, mixed with it, in tiny droplets, which then were cool and were turned into ashes, so the heat transferred to steam, which overheated, rose with incredible speed and, with its cloud-shaped pine trees, has unimaginable amounts of igneous products well beyond the troposphere, to the regions where the clouds blink of silver within the ionosphere. On the entire area is plagued formed clouds of steam and ash, the size of continents, and with them, enormous quantities of magma in the form of ash, pumice and lapili were transported to the higher areas of the atmosphere.

There is another example for such underwater volcanic explosion, although of a much smaller but historically recognized and quantitatively reconstituable, namely the eruption of Krakatoa in the Strait of probe, on 26 and 27 August, 1883. By that time, the volcano island was designed to air, with two thirds of the island's soil, the pressure of seawater. The island had a total area of 33 km² and the area affected by volcanic eruption was about 20 km². The amount of volcanic products, designed by the eruption was estimated at 50 to 100 km³, or 3 to 4 km³/km² surface, corresponding to 3 to 4 km in height, struck out the lava, which then covered the active surface in the form of a cube.

The disaster was an Atlantic underwater volcanic explosion, such as the Krakatoa, but in proportions incomparably greater. Despite this and a mere precaution, the following only operate with specific figures, computed for the last eruption recorded by history. When estimated at some 4,000 km - including that involving the bifurcation Atlantis - the total length of the line of collapse in the North Atlantic volcanic area with a width of 100 to 150 on average 125 km, results in vomiting fire with surface area approximately half a million square kilometers. If the average of the projected mass of lava has not exceeded that registered with the eruption of Cracatoa, then the volume of magma would have been 1.5 to 2 million cubic kilometers, with a minimum weight of 5 tonnes quadrilhões. These figures are still subject of major exhibitions later. For now treat only to monitor and replenish the disaster Atlantic until his gruesome end.

As the line continued to break open up, new bodies of magma and water vapor and gases have to incorporate to the overall volume of the particulars awakened to the disaster. Bodies of magma from deep and continued appearing in places where new, fought against the Atlantic zone of fire, which left, incessantly, new steam and ash. All that rose from the bowels of the earth was taken to the highest atmospheric layers, by virtue of evaporation of sea water and water vapor then released by the magma before it was absorbed. Thus the eruption underwater literally launched the magma from the depths of the Earth atmosphere. In turn, the storms caused by the eruption have continued that transport. The volcanic masses, shipped to the altitude, not dropped on the area which they were raised, moreover, the explosion resulted in the entire Atlantic volcanic region from which the magma ascended to heaven, a significant lowering of the level of magma, difficult replacement. Under the Atlantic basin is a depression formed from magma, the depth and variety that has become deeper in the site of bifurcation of the line of rupture, which involved the two chunk of Atlantis. Ali depression must have attained its maximum depth. Supposed that the center's internal disaster, during the terrible tragedy, staged by nature are not able to calculate the projection above the registered with the eruption of Krakatoa, in much lower intensity, the lowering of the magma from the depth of depression caused the total dispersion of volcanic products, should have reached 3 or 4 km.

Thus, throughout the turf around the island, the magma, forming the substrate of

Simon, was scattered, lost and, in the form of ash, designed for high atmosphere. With this began the last act of the drama, with the main protagonist of the turf SIAL, anchored in the substrate of Simon. As the island was relatively small and very mobile, she had to follow the mind-isostatic lowering the level of its bed of magma. The rate of sinking was not very great because the whole process took about 24 hours, concluding there is a sinking speed of the order of 4 to 5cm w / second. The most likely is that when the island of Atlantis began to sink, all living on its soil had been killed, terminated by the disaster heralds end for toxic gases, and macaréus storms. The imaging sequence (Fig. 39) illustrates this drama, in three typical end of act, with comments. To discontinue the new waves of lava, because of the simultaneous evaporation of sea water, which reduced the volume of new supplies of water vapor and lava, just to the thunder of explosions and eruptions began to decline. The red area, incandescent, began to close up and even before becoming black, was flooded by the Atlantic, whose waters, even you-bilantes up in vapors and new graduates, returned to his bed, then reformed. Its waves hit, closing on the place, even the day before, a large island with high mountains and magnificent structures. The soil of this island had sunk 3km, which is right in the middle of the depression, exactly on the old line of fracture, the dorsal Atlantic, entremen-ing closed and dressed with the magma out of hell submarine. Tenacity of the pitch, once the depression holds the island of Atlantis in its new location. And so it continues, until today, just like that massive submarine ground floor, the extension genetically incomprehensible and enigmatic, the dorsal Atlantic, leaving only nine shows the islets, whose strands naked, covered in lava, emerge on the waves of the ocean . Are the Azores Islands and between them becomes the Gulf, now clear, towards Europe.

The island which then block the passage of the Gulf, forcing its return to North America, was submerged, was swallowed by depression in the magma. However, the conformation of depression should not be imagined as that of a ditch on the fringes of the road because it is shallow, in that place, the Atlantic Ocean has at least 1500 km wide, on each side of the dorsal Atlantic. The proportion between these two halves oceanic and maximum depth of depression is 500:1, this means that lowering the minimum was recorded as the level of the magma decreased from almost imperceptible way, from the edges of the turf island, toward the center of the Atlantic basin. Therefore, the depression is shallow, not enough for people to rely on reprocessing of forces, capable of one day reerguerem the island submerged, bringing it to the surface ocean.

Is Plato be right also in the way described as a disaster? Thus, it follows that passage so often challenged or mock of his narrative, saying:

"However, later, when survivor tremendous earthquakes and terrible floods, during a single day and one night unchancy ill, died in that land all your valuable generation, the example of how the island of Atlantis disappeared, plunged to the bottom of the sea". Earthquakes, floods, soil cracks, landslides, lowering of the seabed, these are also the key phenomena that accompanied the disaster Atlantis, in his model of restoration objective. In this regard, this model gives reconstitution with Platonic narrative. However, the words of the text so that fussabout up and only has some typical features of a geological revolution on Earth, as advocated by Cuvier, and was so violently contested by the circles concerned. What is disputed, particularly, the phrase: "... during a single day and one night ...", specify the time interval assumed for the duration of the disaster.

However, this is precisely the detail exactly right. The sinking of the island should have

started, so noticeable in the exact moment that the explosion in chain reached the point of bifurcation of the line break, situated in the southern island turf. Continued from then on the side edges of the island and caused the lowering of the level of magma, which was expelled in huge quantities by the volcanic crater and designed to the atmosphere. However, once these explosions reached the second point of the fork to the north of the island, where the re-involving the two arms, his subsequent pursuit, heading north, toward the island of Jan Mayen, did not cause any further reduction in the region of the Azores. Soon, the sinking of the turf island must have been closed with the arrival of the explosion in the second point of bifurcation, located to the north, so continued as the first explosions continued until the second of these two points. The distance to be traveled was about 1,200 km. Calculating with a speed of 15m p / second, the whole process took just 24 hours, or "one day and one night unchancy ill", in which took place the beginning and end of the sinking of the turf island called Atlantis.

The Effects of Post Disaster of Atlantis Products of Volcanic Projection

Under the aspect vulcanology, the catastrophe now Atlantic reconstituted in its details was a submarine eruption of immense proportions. Has been described in its processes partial, immediate, now, will address the effects later.

These effects have been demonstrated in much smaller proportions in the fall of the meteor taiga in size considerably smaller. Are conditioned to the quantities of dust and rocks, volcanic or meteoric, designed for atmospheric altitudes, by virtue of their eruption, or the impact caused by the collapse of the meteor. The projection of these products has generated side effects such as rain of ash, rain of blood, the silver clouds, and the "bright red". Moreover, the explosion of Krakatoa was made even more impressive, caused a tremendous strike, which destroyed everything in its passage through the vast extent of the ocean from the Cape of Good Hope to Cape Horn, or half of the world . With the shock that hit the air was compressed to the point of exploding with crack size to be heard in Alice Springs, Australia, the 3.600km away, and Rodriguez Island, 4800 kilometers away from the scene of the disaster. The wave of air thus generated should be given no less than three laps around the globe.

However, who would have heard the rumble of thunder, accompanied by the Atlantis disaster? Certainly was heard by all mankind existing at the time of the cataclysm. But the reports did not deserve the respect and credit were ridiculed as fables. Also, we may say with certainty that the history never recorded another fall of meteor or volcanic eruption of proportions equal to those taken by the Atlantis disaster that just restore. This also applies to the calculation of volcanic products designed in its result. As calculations made, five quatriihões tons of magma were released during that cataclysm. This value arithmetic can be controlled by a simple calculation.

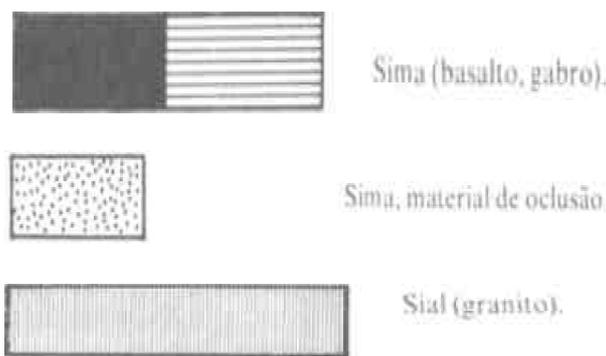
Undoubtedly, in recent geological period, the ocean bottom between the island of Jan Mayen and the South Atlantic fillister suddenly in some miles. Nansen found the Arctic Sea a lowering of the order of 1 to 2 km, in the Azores, that lowering the level was found as matter of 3 to 4 km. Ali depression in the Atlantic basin of Simon can be determined, so insofismável through surveys of echo. However, as in its raw state the magma is liquid, tends to remain at equipotential plane, ie to form a surface without depressions, spherical or ellipsoid of rotation. Therefore, the depression does not rise steadily, by the work of kinetic microforças because these, by contrast, would have led

to its elimination, since the tendency of these forces would have been to promote the reprocessing of the affected area, causing it to return its original plan equipotential. As the depression may not have been formed gradually with the slow flow of magma dispersed, its volume should be reduced by dispersion and transport of magma to any one else. The total volume of five quadrilhões tonnes, as established, is 1.5 to 2 million cubic kilometers, imagine if this total, in the form of parallelepiped, pile on the basic tier of the North Atlantic, covering about 50 million square kilometers one gets an average height of 1 / 25 km or about 40 m. The North Atlantic has a total area of about 5000 x 10,000 km, comparing the average height of the volume with this scattered wide, the smaller of the two steps above, you get the proportion 1:125.000. Therefore, it is a very small scale indeed, and hardly anyone will be out of the question considering the fact that, during the biggest volcanic disaster in history, deposits of magma, unimaginably extensive under the earth's crust, would have suffered losses sufficient to correspond to a lowering of approximately 40 on average. In this regard and he controlled, our calculation is well within the possible and probable. Assumed that the calculation above is accepted as correct, could provide quantitative information of the proportions and order of disturbance in terrestrial life, caused by products designed for these eruptions.

A catastrophe of nature that occurred ten millennia ago, generates three main groups of volcanic products of projection, namely gas, water and lava.

Let's start with the lava, as to whether there are already elements allowing its quantitative calculation. As mentioned elsewhere, were 1.5 to 2 million km³, weighing approximately 5 tons quadrilhões cie solid products, in large blocks, flakes of ash and fine dust. The water vapor transport to the highest layers of the atmosphere.

Moreover, the water vapor is always the main product in all volcanic activity, including being the home underwater. To lift and carry those altitudes quadrilhões five tons of lava, it calculate the water bodies in the volume of at least four times its weight, or twenty quadrilhões tonnes, respectively, 20 million km³.

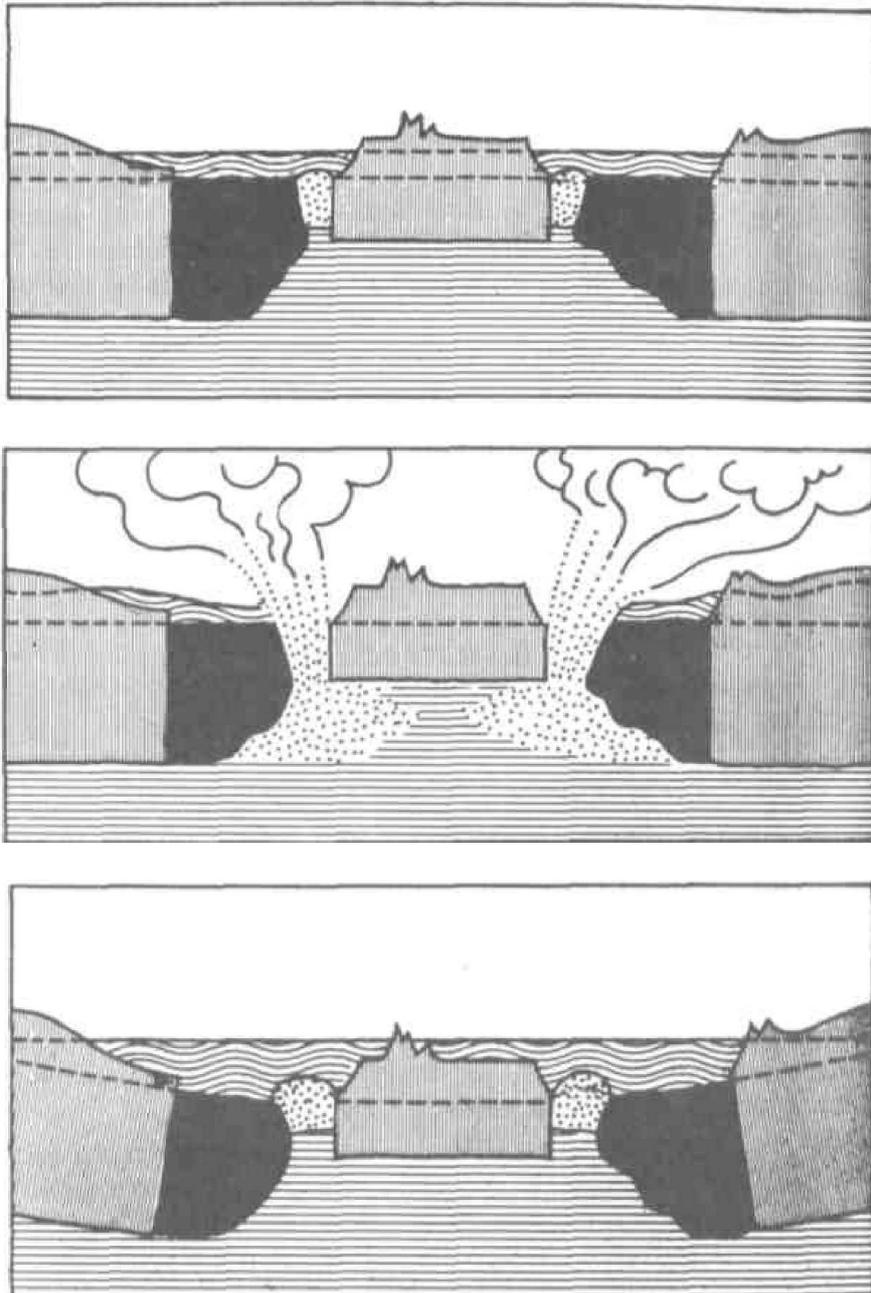


Sequence diagrams. Figure 39.

Figure 1. Before the disaster. The turf island is between the continental plates, which occupy large area above sea level. To the right and left of the island, the lines of fracture, occlusal projection with volcanic rocks. Figure 2. During the disaster. The magma of the substrate, leaving the lines of rupture whooped, is designed to air by evaporating sea water in and then dispersed. The level of magma starts to fall: and macaréis involving toxic gases and flood the continents.

Figure 3. After the disaster. Under the island turf, the surface of the magma has undergone considerable depression and fell so appreciable. The chunk that island

followed isostatic kneeling, turning it into a massive underwater ground floor: the two peaks of their mountains become rocky islands. The tectonic plates have continental kneeling in their internal borders and were in a position somewhat oblique. Therefore, on one hand the coastal areas decreased, while the other rose.



Then a cubic meter of water, weighing a ton, would have carried some 250 kg of lava, in the form of ash, with a partial volume of some 100 liters, or 10% of space occupied by water. This works with estimated percentage of water, to be considered before and lower than high.

However, it considered that in its northern area, the Atlantic holds some 200 million km³ of sea water. Therefore, only 10% of the volume of water would have participated in this disaster of dispersion. Although this 10%, were divided evenly over the surface Atlantic, were designed to demean their level, water mobility is much higher than the washer and, therefore, no delay in re-settle in their equipotential plane, temporarily unbalanced. Thus, bodies of water for both not available in the North Atlantic, was met by the South Atlantic. Therefore, the surface of the ocean level has no depression to form, for example as formed in the strata of basic magma in process of sudden cooling. However, the comparison is the amount of 20 million km³ of water, as established, which would have evaporated and he brought 2 million km³ of magma, on the one hand, with the Earth's water reserves, totaling 2,400 million km³, the other hand, comes to the conclusion that a tiny portion of that total, or 120 shares, were engaged in that disaster. However, until these bodies of water returned to the sea in the world, its level dropped, temporarily, up to 40 m, during a few weeks. Then the water must have risen a little beyond your normal level, because the absorption of water, released by the magma, would strengthen the terrestrial water cycle. Although these processes of compensation, in itself, were very impressive, had no resonance in the legends of the deluge, which is explained by the fact the people, witnesses that disaster, received and recorded in memory impressions very strong and terrifying.

The last of the three groups of products mentioned is the gas eruption. In addition to water vapor, already mentioned, consist mainly of carbon dioxide (or better, carbon dioxide, CO₂), and in suffocating gases such as vapors of sulfur and sulfuric acid, hydrochloric acid and ammonia salt, and chlorides of iron and copper, boric acid compositions of cyanogen and many others. Among these, the highly rarefactive components, such as carbonic acid, sulfuric acid and hydrogen chloride, are the most dangerous, because they spread over large distances and affect with its heat and toxicity to humans and animals.

Especially the non-combustible gases and carbonic acid gas under the pressure of magma were directed to a distant target in the ozone layer, between 32 and 48 km altitude. These layers of ozone plays vital role in terrestrial life, protecting the earth against harmful ultraviolet rays of the sun, from short waves to absorb them.

Therefore, compared with the upper and lower layers of the neighboring regions, the ozone always have higher temperatures.

The effects of interference in the ozone layers of the earth were felt after only a few centuries of the disaster. The UV influenced terrestrial life in survivors of the disaster about to change its genetic code.

In December 1919, Day and his colleagues analyzed the gases expelled by Halemaumau crater in Monte Kiliauea (Hawaii), fairly typical for the composition of volcanic gases, and therefore also of the gaseous components of products designed for the disaster Atlantis. Here is their analysis:

Percentage of weight	
Carbonic acid	42.9
Nitrogen	25.8
Water	27.5
Sulfur dioxide	3.7

It was found that the gases containing one and half times more carbonic acid to water

vapor. Estimating the percentage of absorption of water released by the magma to be scattered on a per thousand of marine water vapor, there is minus a percentage of weight of the order of 1.5 per thousand of carbonic acid contained in the volume engaged in global water catastrophe. As this volume was about 20 quadrilhões tonnes, the percentage of carbonic acid reached to 30 billion tons, or three times the total volume of carbonic acid in the air today.

These data can deduce that with the disaster Atlântida were released large quantities of gases asphyxiants, since a cubic meter of carbonic acid weighs about 2 kg, only with the gas it would quadrilhões of 15 cubic meters. But this was still low compared to the overall atmosphere of the total represents only a so-thousandth. Moreover, not only were the three quadrilhões tons of volcanic ash, found for the North Atlantic, and thus that terrible black clouds were directed to the east. Were also accompanied by no fewer than twenty quadrilhões tons of water, in the form of wet steam, pregnant with rain, which, together with the particles of magma, were designed to air during the disaster. These numerous tiny particles and crystallites of the salt, always originate with the evaporation of sea water, form nuclei for condensation, ideal for the drops of rain, hail them on the water vapor, in the process of gradual cooling. Thus, the projected ash, rich in salt content, with the sea water that followed, is a likely source of an unimaginable natural rainfall over vast areas of wilderness. As mentioned above, the winds from the West, predominantly in high latitudes, leading to the east and on the plate tectonics of the Old World the cloud, threatening, dyed black from the ashes, while the monsoon of East led them on the regions tropical New World. Thus, two regions rise up characteristics of rainfall, stage of the scenes of horror, perpetuated the legend of the deluge, which arose between the peoples inhabiting the regions affected. With this, our recovery has reached a point long the subject of debate and because the biblical story of the flood, is of great interest everywhere. So start with the eye toward the east, with the countries of the classical legend of flood.

Quadrilhões twenty tons of water, mixed with three quadrilhões tons of ash, distributed in a manner roughly equivalent on the overall area of northern Eurasia, give us a rainfall of 30 m on average. That is almost inexhaustible reservoir from which the deluge was shot on the Old World, then they really open the floodgates of heaven and the depths where the waters of all springs, all the streams, brooks, rivers, large and small, and grew continuous rains aterrorizadamente with unimaginable, endless, mixing with the macaréus to a devastating flood, destroyed all life on Earth.

The fall of "The planetoid" was subject to that exact time and place of impact, just that line breaking, ultra-sensitive, in the Atlantic, which then burst and, by combining the forces of fire with water, among others, they also created huge flood regions, where there was flooding characteristics, known generically as the "flood". This is the patent and clear exposure of the entire causal series. Another issue is the interpretation on the religious and the metaphysical sense, given the tremendous natural phenomenon, the religious and historical traditions.

It must say those few words, since under the natural sciences, the rejection of the legends of the flood is almost always due to the denial of religious and mythical components involved and which are regarded as unacceptable. In this case the motivation, justified or not, does not exist, at the genesis of natural flood also, clearly outlined before our eyes.

Let's start with the flood in Mesopotamia.

The Country between the Two Rivers was not only flooded by waters of Tigris and Euphrates rivers, as is sometimes assumed, in an attempt to explain the legend of the

deluge, but still suffered precipitation of rain and mud, oversized, preceded by macaréus also huge. The Epic of Gilgamés describes the harbinger of disaster and because of no way exaggerated, saying:

"... Then came the time when the sovereigns of darkness sent a terrible rain. I looked this time and it was terrible to look.

At dawn, there were clouds, black as the raven. All of the evil spirits were released and all the brightness turned into darkness. The South wind wheezed, water thunder, the waters have risen up to the mountains, the water drowned all the people ...

For six days and six nights, the rain fell like floods. On the seventh day to calm down the waters early. There was a silence and after the battle. The sea is calmed and the torrents of doom silence him. I looked and saw the time and was calm.

All the people were turned into mud. The soil of the earth was deserted, desolate ... " The Epic of Utnapishtim gives this narrative to great-grandfather of Gilgamés, the Sumerian Noah, the only man on Earth warned in time by God and which, sheltered in his chest, survived the flood, and then, along with his wife, be transported to the West Sea at the mouth of the rivers to an island of bliss.

This was the remaining land of Atlantis, the mysterious country of Tlili-lan-Tlappalán of Mayan legends?

It seems that the narrative has authentic details such as the terrible rain, the horrible weather, the dark clouds as the crow, the transformation of the light of day in the dark of night, the water going up the mountains and, finally, the huge masses of mud, originated with the ash, precipitated with the rain, covering all life on earth, whose land was "desert, desolate ..."

For a long time, this narrative was ridiculed as a fable or myth. Tried to reduce it by qualifying it with exaggerated legend, overvalued and in a very small disaster site, until, in 1928, Leonard Wooley and his collaborators made since their famous excavations at Ur-ka-War and met with insofismável a remnant of that flood, supposedly legendary. By that time, the researchers found a thick layer of alluvial mud of 2.5 m, free from any object to identify it, situated well below the tombs of kings primitive Sumerians and some 12 m below the present land surface.

Wooley could not doubt that there was a irrefutable evidence, proving the occurrence of a flood really huge. Moreover, Wooley would be the last to doubt this fact, it had to have their lists of the Sumerian dynasties until the actual time of the flood. Wooley Datou this sterile layer of alluvial mud of the fourth millennium before the Christian era. But the title that he was authorized to make such dating? In the case of one layer with no trace to identify it, to the islands more adept could only say that, of course, be older than the other layers around it, where archaeological finds have been made, however, may need its date.

In any case, the argument is untenable Wooley, saying that the sterile layer of alluvial mud was originally a huge flood, similar to those that supposedly are repeated on the land located between the Euphrates and Tigris rivers, always subject to flooding. Such events do not produce at all, rock strata. When the sea invades the land, or the rivers overflow their beds, the water lead to unbridled roldão what they find in their path, people, amnimais, houses, objects of use. In flooded areas, this means that the sediment mixing with the sludge and the fertile land taken by the waters. Therefore, there or there, the alluvial strata thus generated should close some findings, such as human and animal bones, pieces of fossilized wood, artifacts, finally, archaeological material.

This sequence of ideas allows for the conclusion that the strata, without any object to

identify it, located by Wooley, can not be the product of such a flood.

Only a rain of ash and mud, the same as occurred some ten millennia ago and which has everything that was on its way, would be able to produce as final pellet, a layer of alluvial clay finely granular. Without doubt, this stratum could not close any archaeological finding, because before becoming fossil entire area has been completely washed by the rain water and dissolved in the sea.

The geological evidence for these two and a half meters of alluvial clay attest to the fact that flooding, which the Bible describes:

"... Broke up all the sources of the great chasm opened up and the cataracts of the sky and rain fell on the earth for forty days and forty nights ...

And the waters swell prodigiously on earth, and all the highest mountains, which is under the whole heaven, were covered. The water is raised above the hills fifteen côvados, which had covered ... And the waters covered the earth for one hundred and fifty days. "

(Gen. 7, 11, 12, 19, 20, 24)

It would be an exaggeration? Is the water actually covered the hills on the outskirts of the plains of Mesopotamia? The thickness of the layer, measured by Wooley, gave rise to a quantitative control since this alluvial stratum represents the remaining quantities of mud fell from the sky, which were not brought to the sea, with massive runoff of rain deluge but as sedimentary substrate, remained on dry land, soil continental flooded.

However, only a small portion may well have been as reminders, representing just over 5% to 10% of total mass of mud. If all the mud was deposited, the layer would not have the sterile thickness of 2.5 m, but 25 to 50 m. An estimated average of twenty parts of water to three parts of ash and mud, as the specific weight of these substances is 3 kg P / liter, a part of the volume of mud for twenty shares of the water, it was found thus the volume of water involved in that process. The corresponding layer thickness of water was twenty times higher than that of the layer of mud, calculated without loss, so the order of 500 to 1000 m. Floods rising to such heights can fully cover hills and mountains and even beyond in 15 côvados their peaks. Across the country between two rivers, at the time populated mainly by shepherds and nomadic peoples, almost absent an elevation of the ground, capable of offering protection against the fury of such bodies of water. Therefore, the biblical story is not exaggerating.

Furthermore, one could argue that the rainfall was computed as being of only 30 m on average and, therefore, as possible to the water, flooding the Mesopotamian, points to go up much higher, well beyond that brand?

The answer is easy. The average rainfall is not the decisive factor, but the actual proportion of water invading the area which in turn depends on their geographical conditions. In Mesopotamia, the rains would be normal not sufficient to feed the two big rivers, the Euphrates and Tigris, which reach their proportions only because of travel from a wide catchment area, which extends far beyond Mesopotamia, where its waters are being thickened by a large number of tributaries. This applies also to the hydrographic conditions during the flood, then abnormal, with respect to quantitative factors. Also for these volumes of water to Mesopotamia, the valley between two rivers giants, worked as a dam, capturing the water from rain, fell across the northern region and accumulating them to grow and rise to heights that average multiple of 30 m of rainfall, found for the whole Eurasia. So, is fully justified to say that the finding of

Wooley represents a qualitative and quantitative evidence of the authenticity of the reports of the flood, as recorded in biblical texts and Sumerians.

Furthermore, the biblical tradition is also confirmed by a quantitative examination of the specific conditions. The catchment area of the Euphrates and Tigris rivers occupies an area of some 800,000 km², with rainfall of 30 m on average, increased with the bodies of water, invading the country, the South, approximately 50 billion m³ of water came to be in dam reservoirs of Mesopotamia, the average length of flow path is 700 km, therefore it is calculated with the following cross flow: 50 billion divided by 700,000 = 70 million m². The "leakage" of the dam of Mesopotamia is one of 160 km wide, so the bodies of water covering the entire lower part of the country between two rivers, which leaked, slowly, they must have reached a depth of 500 m, this value gives approximately the estimate obtained for the sedimentation of the masses of clay.

Moreover, the topography Mesopotamia is there to take the last doubts about the authenticity of the biblical story of the flood. Although in poetic language, the Bible describes actual facts, without the slightest exaggeration, saying:

"All the flesh that moved on the earth was consumed, the birds, animals, reptiles and all the beasts that walk the trails on the earth and all men.

Everything that breathes and has life on earth, all died. And were exterminated every living thing on earth that had provided the man to the beasts, both reptiles and birds of the sky, everything was destroyed the earth, it was only Noah and those with him in the chest. "

(Gen. 7,21-23)

People were turned into mud, is that also the Sumerian story. But that also killed the birds? For the birds that failed to save themselves from floods, which Woolley and others, has not passed a flood of major proportions? For both should have just left the flooded plains of the river mouth and flown to highest points. Why did not? Why could not do it. The very strong rain, incessant, but also birds, drowning them in the maelstrom of the total destruction of all life. It is precisely this point, the death of the birds, the iffenstar that at all, that disaster can not be regarded merely as a qualified marine flooding.

The deluge of rain did not rain a common, more intensity, were totally different and incomparably more dangerous. The huge saturation of air with the condensation nuclei can be made that each cubic meter of air contains up to one kilogram of rainwater mixed with sewage sludge, this would be an extreme value. In this case, the mass of clouds, in such weather can produce rainfall of 30 m on average, should have reached an altitude of 30 km, on average, which is three times the altitude of Mount Everest. These mountains of clouds, whose tops deeply enter the stratosphere, were black, negríssimas due to its high ash content. Moreover, the report also mentions that Sumerian detail. It happened that these particles then acquired high electrostatic charge, so lightning flashing through the dark clouds and then detonate in tremendous electrical discharges, while they were pierced by funnels heat and hurricanes of incredible intensity and potential.

The biblical account reported that one man was saved from disaster. In the Epic of Gilgamés your name is Utnapichtim; in the Bible, is called Noé. The ark would have crossed the waters to fury, and when disposed of, brought on Mount Nisir.

North American researchers, who have taken this report to foot the bill, they have distinguished with their binoculars, the contours of the Ark of Noah, the glacier covering the summit of Mount Ararat. That would be mountains of 5188 m of altitude,

with the same Nisir, the biblical mountain? Dr. Bender, geologist and oil prospector, expert from the region, doubted this. He argued that even a flood of the proportions of the flood would never be able to carry floating objects, or by ships, by 1100 km on mountain ranges of 2,000, or 4,000 m of altitude. If this were possible, then the remnants of the flood should have been arrested once, at the beginning, the first of the highest peaks, which in this case would be the mountain of CUDI, a massive limestone and dolomite. Located in west-east direction, amounts to 1600 m above the plains, which slope gently up to 400 m high and where the Tigris River had its gravel-shaped terraces.

This conjecture proved to be correct. A scholarly hoca found in ancient scriptures a passage Arabs, saying that the ark of Nug, (this is the name given to the biblical patriarch Moslem), docked in the mountains of Al Judhi. And a Kurdish sheikh said that since time immemorial that there is a sacred site located, the destination of pilgrimages, where, buried beneath the sands, would be wood asphalt, would be the remnants of the ark of Nug who dig up and find - wood, it could remove a splinter, to save it as invaluable amulet against sorcery and disease.

Soon after, Dr. Bender went to the place indicated. There had to remove the snow, sand and found under the sand ran into a layer of decomposed humo, ending a bit dark as pitch, rest a body, with traces of asphalt. It is the wood? Wood of Noah's ark? How does the Bible speaks?

"Bring an ark of cypress wood; faras the ark and a few small rooms at calefata it with bitumen inside and out."

(Gen. 6, 14)

It would with this, really, of a floating object, dating to the days of deluge? It is difficult to date the find, the remains of wood because there are minimal and extremely closed rotos. However, beyond this, there are other 'strong. The sand covering the humo contains quartzite dust, like the sand of the sea. How does the powder of quartz would have reached up to 1,200 m altitude, rising by terraces of the River Tigris, where the whole region there are only rocks limestone and dolomite, but no primitive rock, which split, would have provided the grains of quartz ? This sand can only be of seafood. And only the water could have led to the top of the sand and CUDI object floating organic, processed in humo, depositing them there, in an alluvial depression, perfectly identifiable as such, open to the south, set in place for its discoverer, namely: the exact location where, in the symbolic language of the Bible, once the patriarch celebrated the new covenant with his God, under the light of seven colors of the rainbow.

However, there is still a point to clarify. The Northwest rains deluge came, what they found in their path led to the Southeast, to the Persian Gulf. So how could any floating object will stop in the mountains of CUDI, located in Northeast? And as the deluge, which supposedly would have reached 500 to 1000 m in height, any object could be transported to 1600 m above the plain?

Well, there is a plausible explanation, even for this question. In times remotísimos existed in Central Asia, the plateaus of Mongolia, an internal sea, surrounded by chains of high mountains, which started during the disaster, but the route to the beach that still separate internal sea, to this day. Its waters descended on the Dardanelles Strait, as the "flood of Foron," and there are mixed with the waves from the focus of the disaster, gathered their forces and gave several laps around the globe, making the rise in ocean waves thousands of meters high. The sea faced the masses of water and rain

and invaded Mesopotamia before you can kill the flood. The salt water destroyed the villages and led to the Northwest on all that they managed float. That tragedy of dramatic Hell, the thunderous waves, water reservoirs, the sea and the incessant rain played their respective roles and have made the flood in Mesopotamia rise up to 2,000 m above sea level, or 1600 m above the base of the mountains CUDI. In back, the flood deposited objects floating in it which brought the counter-currents and currents formed sifões located, equal to that caused the depression, open to the south, at the top of the mountain of CUDI. In course of time, sand, sea sand mixed with substrates deposited by rain deluge, came to cover them, the dry alluvial depression. Under the sand of quartzite, the wood rotted. What was stored in those pieces are humo, showing traces of asphalt, the amulets, witnesses seedlings of biblical flood, that the Bible was right, that was right with your story, so long contested and debated. Finally, the relationship between the causae biblical flood and the disappearance of Atlantis can fix time around 9000 BC This fact always put in doubt and, thus, presumably also the first real dating biblical, susceptible of scientific proof.

As is the case in Mesopotamia, also in other eastern countries there was total destruction, caused by rain of blood and mud and terrible floods.

They say that an earthquake would open the Straits of Dardanelles, and tremendous mass of water, caused the overflow of the internal sea, in Mongolia, which dispose the Caspian and Black Sea, would have flooded those areas pre-Greek, for nine long days. This disaster is linked to the names of King and pelasgo Foron Deucalião, son of Prometheus. Foron was considered as the "Greek Adam, the first man to be created. According to legend, was married to Deucalião Pirro, daughter of Epimetheus and Pandora, the first woman trained by Vulcan, with all the graces and talents, owner of a box where they closed all the ills of the world. The example of how Ea warned Utnapichtim, the Sumerian, El warned his faithful servant Noah, also Deucalião Prometheus warned his son, advising him to make a big trunk for her to withdraw. Deucalião accepted the advice of his father, as Noah and Utnapichtim followed the instructions received. This parallel between the various versions of the legends of the deluge, told the country between two rivers and in Greece, is an evidence of a single common source, inspiring traditions, reporting only a single event and dread, that count in their language visual and mythological.

As Noah docked the hill Nisir, docked in Deucalião Parnassus. The example of the biblical patriarch, Deucalião saving the ship landed there to offer his sacrifice to the deity. The example of The Bible, also agreed with Zeus benevolence offering. Here and there, the prayers were heard, the graces granted, he asked that became the patriarch of a new human generation, post-diluvial.

And the myth continues: Deucalião and then Pirro got stones, soil enlameçado and, without looking, threw them back on their shoulders, and the stones turned into people, which is reproduced and multiplied, replacing the extinct generation by the flood.

The myth describes the magical animation of inert body, the gesture of playing it back, that is, for the past. What were those magic stones, turned into people live? Those who were killed when the deluge, as announced the Sumerian epic, turned mud, emerged as the corpses of sludge pre-Hellenic Greece, and in Mesopotamia. Through the magic gesture of "playing to the past", to become what was once: people live. Apparently, this was the way to the people as primitive, kind of simple, naive, designs the rebirth of humanity, drowned in the flood wave. However, if understood in its final essence, this detail of the myth has something true and effective for those who, instead of taking her

to foot the bill, seeking the original image, behind the symbolic image.

The rain of blood fell also in Egypt. According to Solon, the country comes from the tradition of Atlantis. From there came also an account of the flood, significant in several respects and that in the funerary texts of Seti I and Ramses II, said:

"This is the time of Ra getting old ... the god that autocriou ... the king of men and gods. And the men spoke against him, when his majesty was in old age ... and his majesty heard the speech of men. Then he went to those who belonged to his entourage and said: 'Call my eye, and Chu, Tafnet, GEB and Nut! " The gods were called ... and spoke to his majesty: 'Tell us, so we can hear you! " Ra to Nunu said: 'You, God oldest of which I created, and you, the ancient gods! Behold ... the men plotting against me. Falai, what laws do you go against them? Look, I wanted to avoid kill them before listening to you. " And the majesty of Nunu said: 'Meufüho, Ra, thou, God, you're more than your parents and more powerful than your creator! Sit on your throne! Great is the fear that you feel when your eye is fixed on those that rebelled against you. " The Majesty of Ra said, 'See, they take refuge in the desert, because in your heart feel frightened by what spoke. " And the gods spoke to his majesty: "Let your eye go and take severe punishment to the rebels. The eye does not remain in your forehead, but down from there, as Hat-Hor ..!..."

This excerpt is the text "LINK DAS AUGES DES RE" - The Left Eye of Ra, written by Dr. Trofimovitch, stressed that the way all special and that gives continuity to the Egyptian legend of the trunk of critical dialogue, as if the its complement. There is a reason missing, of the theological order, emphasizing the rebellion of men, who became too powerful and known, against the gods, against Ra, who "was in old age." And, according to legend, the punishment was severe against them, the owners of time before the time. That they, like the giants, the Titans, they rebelled against the deities, cooperated in the destruction of their world. This legend, perhaps because of the oppression of Ancient Egypt, primitive, the Atlantis, this is clearly the highest in the country legends passed away and that the old Sumerians, Babylonians, through the Assyrian mythology, entered the biblical story of the deluge .

Both the banks of the Nile, as pest in Greece, the human hybridity was punished by the gods and thus say the hieroglyphs, the hybridity of the Atlantic was the cause of the flood. To punish them, the "eye of Ra" divine down the forehead, went to the Earth, which brought severe punishment ... What was that "eye"? The text puts the well-known Egyptian hieroglyph, symbolizing the eye, next to the symbol determined the Goddess, the snake Urea, the body raised. This means, what was the "eye of Ra", just your eye "left", is there specifically so divine, numinous as a force for action, as Sequemet the powerful. The following is an excerpt of citaremos demotic papyrus from Leyden, I, 384, namely:

"Sequemet transformed itself, adopting the beautiful body of a wild lion. She threw his mane to the front. In his hair, the fire wheezing. His back was the color of Red-blood. His face shone like the sun disk, his eyes shone like fire. His eyes burned like fire flames and radiated as the sun at noon., sparkle with brilliance ... All those around her felt her fear, because of its strength. The dust of the desert spread it everywhere, when it hit his tail. The sand raised when she grit the teeth. The desert fire when she threw up afiou the claws. The forests of trees when their nostrils Huri dry steam at the time ... the desert covering his face, the mountains have become black, the sun of noon was not dark and the sky more ... "

The left eye of Ra was the sun, but the planetoid that fell from the sky as bolide

destroyer, whose brightness he did that darken the sun and the sky was pale. The disaster, caused by the collapse of the planetoid, also reached the point of Egypt, as, continues the text, make that Ra feared Sequemet-Hat-Hor would extinguish all humanity. He sent ferment beer and dump it on the country of the Nile, rain and blood, in today's more formulated. When, the next morning, the Terrible is ready for new work destructive, it saw its reflection in the mirror of the red liquid, attracted by its image, the bust she bent forward to drinking the beer, got drunk and does not bother most people. This order almost burlesque version of the Egyptian legend of the flood was probably motivated by the intention of explaining the strange rain of blood. Also, the same way the arctic regions are drowned in the sea of blood deluge of rain. Because this area was in the vicinity of the center of the disaster, was hit hard and suffered much more than the distant Egypt. Therefore, the myth narrating the cataclysm USA a motive extreme: the killing of the god primitive, whose color body was the ancient world, we would say of the glaciations, perpetrated by younger deities, one more time again, by those who, on the back of the aforementioned "Vóluspá" are called "Children of Bur" and singled out as creators of new world, no more ice cream, but green, the "legend of Midgard." They kill Ymir and quartered, the god of ice, and their red blood all over themselves drowning, one, the Nordic Noah who, mounted on a box mill, saving achieved from the flood. The young gods create your new world of parties rendered the body of Ymir, the bones are the mountains of meat, the land fertile, and the skull, the sky. Has the impression, through this image mythical-allegorical, following the emergence of post-glacial landscape, splitting the layer of ice, which was the body of Ymir and spilling soil spring. But that water, falling from glaciers and falling from the sky was the color of blood, red? Because it was not just rain water but the rain of mud and blood of the flood, dyed in black and red by volcanic ash, designed to air during the disaster Atlantic.

Then complete these examples taken from the other East, West. The Mayan peoples, inhabiting lands under winds from the West, have nothing with the deluge, although his country was destroyed by the volcanic disaster, by earthquakes, fire and the bore, caused by the impact of the planetoid. Thus, I was quoted a typical example, taken from the Book of Chile Balam. Also, the tribes living in regions further south, ie outside the area of wind from the West, still retain in their memory the remembrance of a great flood. The tarascos the priest Tespi, who built a large boat, which saved you and your family. In Guatemala, the same reason resurfaces, linked to the names of Nala and Cream. The giant tolteca Chelua climbed the mountain of the god of water, saving, therefore, the flood, then he built, on top of that mountain, the famous pyramid of Cholula, in times later burned by order of Hernando Cortes.

The narrative of the flood alonquinos, North American Indians is also quite significant. The people had their land well within the zone of wind from the West, why was spared the flooding tide. They say that if your god and hero Minabozho be released to the lake, the waters rise and flooded the earth. Apparently there are some remnants of the memory of the fall of "The planetoid" in the Atlantic, whose trajectory in its visible part, passed the lands of the Algonquin.

On the other hand, would be expected that the South American peoples, inhabiting the tropical regions, where the prevailing monsoon to the east, had experienced the flood and saved his memory in their legends. Moreover, this expectation is confirmed, among others, with the myths of aruaques in Guyana, in northern Brazil and Colombia. I follow, your god kind, saved all the animals and birds on top of a high mountain, before the fall flood. Ali spent the terrible times of darkness and storms, while the

plains were flooded. The tribe makuchi of aruaques in their legends speak of a first human couple postdiluvial that, like Pirro Deucalião and in pre-Hellenic Greece, turned men live in stone and thus repopulate the land devastated and deserted. The aruaques Guyana remember both phenomena: the fire and subsequent flood, which corresponds exactly to the location of their living space of their land.

Greater mortality of mammoth

However, in most regions of rain in the east, especially in large areas of northern Asia, there are legends narrating the deluge. But in fact this absolute proof that the flood would not have come up there, on the contrary, the pest was also part of the areas where the prevailing winds from the West, and beyond the clouds of rain, dyed in black, also led the volcanic ash, scattered to the disaster Atlantis.

Indeed, in the extreme northern edge of Asia has kept a remnant of memory characteristic of the tremendous flooding that before the time known, covered the land and drowned the giant mammals that lived there.

This country has not only natural their legends of the flood, as they are told elsewhere, but kept bringing invaluable paleontological and nature. Entire region is akin to a giant refrigerator, full of dead mammoth in excellent state of preservation.

For example, to ask how these giant fauna diluvial representatives, who in his capacity as vegetarians should have sought to avoid areas subject to glaciation, ice cream came to those sarcophagi?

The problem posed by the corpses of the mammoth, kept fresh, as were live yesterday, is to be solved by science. However, it is clear and reflected the fact that those animals that lived during the Quaternary and were completely abolished in quinquênio, died during this disaster that was season. Also, these remote regions were affected only by the subsequent effects of the disaster that Atlantic, with the rain deluge, caused unundações destructive. The mammoth or previous wave were asphyxiated by toxic gases or drowned in flood waters. Until today, remains how these animals herbívoros, fleeing the glaciations, came to be buried in a cold country. (Board 17).

The puzzle is in the process of solution, whereas during the Quaternary terrestrial North Pole was far northern Siberia, a distance of approximately 3,500 kilometers longer than the current. The fig. 40, showing the location of the finding, provides explanatory details. The isotherm 0o today's in that region is completely different in track followed by the quaternary isotherm 0o, whose line is marked by the southern edge of glaciation, covering the continental land. Hence the enormous differences between the climate once and now. Today, across Northern Siberia, along with the refrigerator of mammoth, "belongs to the arctic circle, the eternal ice, which never reaches the ground thaw completely, nor during the short Nordic summer. Therefore, especially in regions where the mammoth was found, near the North Pole, the bodies buried in frozen ground were kept fresh and in a huge modern refrigerator.

It noted that in these regions today Quaternary ice-covered Arctic was green, with annual temperature of 4 to 5 ° C on average positive. Under such conditions, but would prevent the rapid proliferation of bacteria, in contrast to higher temperatures, it was not advisable to leave out fresh meat for a long time, no way, for more than four days. However, despite this, the carcasses of mammoth, now in the eternal ice, are removed from there in good repair. Moreover, during the devastating disaster, when the wildlife was abundant, the temperature at the place where the mammoth could not have been frozen to allow its perfect condition.

Only today, after the change of climate for the current Quaternary cold "Siberian", the effective conditions prevail for such conservation. It was then that the critical period of change from one to another of these types of weather can not last for four days because of the contrary and despite the subsequent presence of ice, now there would not be of mammoth carcasses found well preserved, but rather smooth and bare bones. Therefore, change the climate must have happened very suddenly.

This change of climate was the logical consequence of the displacement of the terrestrial North Pole with respect to the edge of the plate tectonics of northern Siberia. But never this huge chunk could be take away at 3.500km in the brief interval of four days. Therefore, more should have been the sudden removal of the pole.

Moreover, the turf was not to leave the rotation pole at rest, discounting the secular movement in rhythm, he remained in the magma and its substrate was rotating the pole it is rejected, as was accompanied by the axis of rotation.

This conclusion insofismável, but until now not be recognized as a problem, is demonstrated by comparison with a pivot, since the interference of peripheral wobble. Also, pivot land reacted, so-dynamic stabilizer against the shock of the impact of "The planetoid" and projection of huge volcanic masses when, immediately and nothing gradual pace, began to stagger and enter state of precession. Here are the corpses of the mammoth in North-East Siberia, to establish that the speed of result of this phenomenon.

At that time, the land route took slant, or at least much more oblique than before, while the rotation pole, crossed not across the land mass, but only by the rigid crust, is visited by approximately 3.500km and straight line, toward the local impact of "The planetoid. The line removal interlock Quinten and the positions of the quaternary center rotation and, thus, highlights the fact that the fall of the bolide has caused the removal of the rotation pole, specifically manifest in the shift of about 20 of the rotary axis of the Earth. Under the dynamic aspect, this phenomenon can be explained as a superposition of the moment rotation, caused by the impact, the spinner tellurian time.



Figure 40. The riddle of the Siberian cold. In the area marked with horizontal lines, which covers the current cold pole (X) and the southern reaches limits (dashed line) soil forever frozen, jaziam and buried hundreds of thousands of dead mammoth, closed in one layer of ice and mud.

This removal of the pole can not be imagined as a mere displacement of the rotating

shaft, but the whole earth crust, which, resting on its "rolling spherical" of fluid magma, ran this shift of about 20°. The oblique impact of planetoid made the rotary axis motion implement this compensation, freed soon with the damping of the friction, the substrate of magma. Calculating this process in its details and working with values of toughness, plausible to the peripheral magma, comes to the result that the motion in depth should be reduced from a peripheral zone of magma from a few hundred meters thick. This means: it was indeed a surface phenomenon only, without influencing the dynamic equilibrium of the sphere containing the land mass itself, fluid, fiery. The rotary axis of the Earth, represented by the area not affected by fluid dynamic disorder, kept her in position, the sky is reflected as the "pole of the ecliptic." By virtue of the frictional damping of the substrate, the pivot axis of the earth's crust cambaieante curve evolves in a spiral around the true pole, the few, will be rising and the obliquity of the ecliptic "decreases, albeit slowly, but the pace already known . This result, susceptible to objective examination, confirms the indications of intelligible legend of Helium-phaeton, which lost control of the car from the sun, letting it cross the sky, uncontrolled, of Hercules, where the path of the gardens with their Hespérides we of gold, visited the giant Atlas, opened the Straits of Gibraltar and had stopped the car of the sun, and the Sun, which in the short stanza of Edda, lost your address, and the stars lost their seats.

Over 1600 years at least the tungueses are removing mountains of meat mammoth prehistoric ground hard and cold of Siberia. Lie there with your hair thick, red, well maintained, and resurfaces before the eyes of their amazement as burrowers were in life. Almost no other animal antediluvial better or as well known as the mammoth, that kind of big giant family of Euro-Asian mammals.

Today it is difficult to assess the number of copies found and recovered. Since time immemorial, bears and wolves have strong competition to primitive man, because all too often are found semidevorados pieces or bones perfectly clean or scattered bones, belonging to the giant mammals. Over the past 150 years, some 40,000 copies have been excavated, although the total number of corpses of mammoth frozen should be around 100,000, but above that below this number.

Strictly speaking, the only thing the cadavers huge advantage is the ivory of its huge defenses, although the tungueses and their dogs do not neglect the surprisingly soft flesh of those giant prehistoric animals. Including China, the country's classical sculpture in ivory, appreciates these natural products to frozen ground. While meanwhile were almost extinct elephants because of their prey, and despite the synthetic materials, which very well replace the ivory legitimate, until today the prey of the mammoth still cover more or less a third of world consumption. Year after year, continue to be excavated hundreds of corpses of mammoth, but, despite this, the refrigerator tungus remains well supplied.

Once, there must be enormous herds of grazing animals well nourished, of all ages, bulls, cows and calves, they were surprised by the sudden death, all the freezing of a moment to another and saving them as they were in life. Death and the cold created a terribly realistic image, a monumental moment that marked the death of the great mammoth, antediluvial in paradise, populated by those huge pachyderm and peaceful nature. Could hardly be more convincing evidence of idealized incredible speed that disaster, killing those animals, that represented by the existence of hundreds of thousands of dead mammoth, perfectly preserved in ice and mud.

Many specimens were carefully examined by anatomy and physiology. All were intact externally. And in all there was the same cause of death: asphyxiation. Suddenly and so

completely unexpected, death claimed those many mammals. The examination of stomach contents for animals certified with the incredible speed that were destroyed, as the stomachs of even mammoth and often contain undigested food and well preserved that in some cases was up to 27 kg of needles of spruce, pine and hackmatack, that caught hours of the trees, to give the impression to go in search of the trees which are used to that your favorite dish. However, there is only ice and mud, no more than the flora of the tundra. Today, the trees above and that the mammoth ate there once only in the vicinity of Lake Baikal, the 3.500km more to the south, exactly equal to the distance away from the pole, caused by the disaster Atlantic. Therefore, the displacement of virgin forests to the south followed the exact removal of the North Pole from Siberia.

Many millennia ago, the Northeast Siberian was a green country. Vast virgin forests, with gaps in their edges, extend to today where there are only rocks, snow and mud. Hackmatack, pine and fir built their huge trunks thin, up to 50m in height. Powerful rivers cut the soil of many green areas. The air was moderately cool, paradisiaco, even for those huge animals, with their hair thick and red, which only needed to open the mouth to delight themselves with the needles of those trees, providing your favorite food. The virgin forests feed numerous herds of these mammals, the largest on Earth. For many millennia would have existed that prehistoric animal paradise? Once, in a day unchancy, a tremendous shock to have made the earth tremble, and then everything started to wobble. The sun seemed out of its orbit, to wander without direction, the firmament. Then he heard was a distant thunder, which became progressively stronger. It was the boom caused by the explosion of the core of the planetoid, and the bang was followed by the infernal roar of disaster Atlantic, then unleashed. To some this was the last sound heard by herds of mammoth irate because those sound waves brought the toxic gases, precursors of death and other messengers of the apocalypse, which is spread over the surface of the earth to stifle all living beings. Apparently the sudden death by suffocation was the point of the animals or have suffered seizures, physiologically detectable, which would have left no trace in the body, preserved as if it were fresh. His legs just gave, they fell and died.

Hardly, the hundreds of thousands of people the mammoth paradise tungus, one would have escaped, all were taken by great carnage. And certainly none of them saw as the West and Northwest, a wall of clouds negrissimas, pile, up to the sky. The clouds grew, and grew with incredible speed, terrible, extinguished the stars in the firmament. They brought the rains flood, incessant, who fell from the sky and covered all life on earth. The winds whip the sea, making it invade the mainland shore. The water accumulated in the valleys and plains and rose to the top of the mountains, flooded the virgin forest, huge trees uprooted and have made all drowning in water and mud. And then came the cold.

There where few of the angry waters are calm, they were frozen. The layer of ice and mud not stopped growing, was now white, now gray and brown, then red and black, designed with the volcanic ash during the eruption Atlantic, who buried the bodies of animals. And those tombs ice, the mammoth still dead today in numbers unknown. In the course of millennia, the polar animals eat meat and those reserves, since 1600 years, the man also took advantage of them and not stop to find new supplies.

Also, it noted that in Alaska, apparently at the same time and with equal speed, were also wiped out herds of mammoth flood. There the gases entered the Strait of Bering and, as happened in Siberia, were followed by rain of mud, floods and marine flood and arctic cold.

This unveils the mystery surrounding the sudden and total extinction of the species of the largest and most demanding herbivorous subarctic regions. The explanation of this ecological disaster waives auxiliary scientific hypotheses, such as gigantism, in which oversized bodies, such as mammoth, have physiological defects, and therefore can only survive in certain areas offering extraordinarily privileged conditions. This is contradicted by the conditions of thousands of dead mammoth of all ages, as examined and found perfectly healthy, without any deficiency symptoms. Also, the mammoth confirmed its high potential physiological as well as organic because they have been able to protect their living space against their predatory enemies, the wolves of great size, not because of the herds had never proliferated and in fact proliferated.

Neither man extinguished the mammoth. If he had terminated, he had hardly left the game, counting thousands of heads. Also, the prehistoric man accustomed to those regions was very weak, both in number collectively, individually as in arms, to face the mammoth, moreover, he did not know the technique of enormous foyos as were open in the woods of western Europe, the only way to catch those huge mammoth, careful, fast and nearly invulnerable thanks to his thick red hair. Moreover, neither a change of climate, take place in gradual pace, could have prevented the mammoth to leave the frozen land, were not of their taste and migrate to the most moderate and consistent with your way of life. During the various stages of glaciation, with its intermediate periods, free of ice, the herds of mammoth and proved so inflexible what they were able to avoid areas frozen. Only this last time, their high mobility and ability to perform difficult maneuvers failed completely, because in that case was not a gradual change of temperature, but a cataclysm of global proportions.

Moreover, what is the reason why, except to slaughterhouses mammoth found in Predmost and Unter-Wisternitz in Northeast Europe, the corpses of those herds were located and only between tunguses and in Alaska? It is easy to answer this question because, as they were well protected, thanks to its thick, warm coat, these pachyderms, as their way of get used to cold, prefer the lower temperature of coniferous forests, where found, in abundance, their favorite food. And then, were precisely those regions which suffered most with the side effects of the disaster Atlantic therefore there all living beings were exterminated. Indeed, in time, the total extermination of the area is extended more to the south, passing the current limits forever frozen soil, where they found these remnants of the disaster. The mammoth existed only in areas of lower temperatures, land affected by the disaster, and their bodies were kept there only where, due to the removal of post-diluvial pole, there was formation of eternal ice.

However, these dramatic events that in prehistoric times were conducted in the Northeast of Siberia contain another puzzling detail, were never found corpses of animals, in addition to the mammoth, and occasionally, hairy rhinos. This is especially strange considering that the regional forest clearings, and of large animals, there was a no-less number of animals and beasts. However, none of them was kept frozen in those lands. Apparently the mammoth and the hairy rhino, whose alleged conduct large affinity, suffered his horrific fate, let alone that of the contemporary fauna with which coexisted in life. Probably its fate was its enormity, its oversized proportions, and much beyond those of elephants. The mammoth were real mountains in motion and also the giant rhinos were, without doubt, that its peculiar quality was responsible for his peculiar fate. Moreover, this sequence of ideas comes to mind a fact rather trite, the selection of objects according to their size, carried by river water. As you know, the river deposits in the larger pieces first stage of its course, then you will be undoing of gravel, medium in size and, finally, near the mouth, is that the sand is. During the

Siberian flood of not missing a huge current of water. When the sky collapsed in rains, all the land were flooded, with water up to several meters high, then accumulate in depressions in the ground, flooded the trunks of trees uprooted, and their passage, they found what they took, including the carcasses of many animals asphyxiated and drowned. Also those huge masses of water separating the objects floating in the size and weight. Thus, for the objects being bigger and heavier, the carcasses of the hairy mammoth and rhinoceros were deposited first, then froze there, probably close to their original habitat. The carcasses of the beasts of smaller size of bison, deer, were carried by currents of water to greater distances, heading southeast, as the rains deluge came mainly from West and Northwest. Thus, the northern regions were removed, quickly made Arctic, and came to stop in areas free of glaciations. Ali, came in a state of decomposition and left them nothing apart from one or another part of its carcass and some fossilized remnants occasionally. Also the trees, the buds of food served to the mammoth and rhinoceros, were carried by water, at distances much larger than the carcasses of giant animals, discarded at the beginning of the path. At any point away, the southeast or south, the trees large and small have joined to rotting and there disappeared. Therefore, the hairy mammoth and rhinoceros are alone in their coffins of ice.

So strange and almost antipodal, mortantade an animal was about 15,000 kilometers from the country of tunguses in the western outskirts of South America, in today Colombian land. Although caused by the same disaster, the parallel case shows some special features that make it interesting for our subject.

When, some 150 years ago, Alexander von Humboldt visited and then described the Columbia, during his famous journey since then in South America, he met with petrified animal bones, in "Field of Giants", situated on a large plateau, to 2,000 m above sea level, not far from Bogota, capital of the country. Humboldt those bones identified as fragments of skeletons of a species of extinct Mastodons, which was then named according to its discoverer. With that came another puzzle to be unveiled.

Although the Mastodons not known how much is known about the mammoth, that is still little enough to ask people like those typical of coastal wetlands that have to plateau, and up there in the mountains. Your body heavy, almost equal to the size of the mammoth, certainly did not allow those animals climb steep slopes, running through bites and close jump from rock to rock. Absent any reason imaginable and plausible for those leaving his pachyderm antediluviais natural habitat in coastal areas, to settle in inhospitable plateau. What was the cause of the carnage that killed there? And, there in the "Field of Giants," where much rain falls, their bones would fossilize, as observed by Humboldt? Here are questions and more questions await answers.

Moreover, in essence, what is known of the Mastodons? The species Mastodon CUV., Appeared with the Mastodon Humh. South America, is regarded as ancestor of the elephant, many variations of this species lived in Europe, Asia and North America and the South American Mastodons became extinct only after the flood. Therefore, assuming that nothing prevents their South American cousins had also lived at the end of the Quaternary and disappeared because of the disaster that killed the Siberian mammoth. Other-yes, because they live in the most privileged those who were the last of Dwell, the American Mastodons survived until the end of the period of flood disasters. In his book "ADAM Sucht ICH" - In Search of Adam (Melhoramentos, 1965), Herbert Wendt gave some interesting data in this regard as follows:

Already in 1846 the carcass of the basin of pre-human, with bones of Mastodons and giant sloth-bugs were found in a stratum of clay, on the terraces of the Mississippi

River, so the man still lived with these giant animals. In 1873, Abbott, a researcher of Prehistory, found in the gravel of the Delaware River, human and mastodon bones, along with large number of ancient wedges. Then, when initiated systematic searches for large and small mammals edentulous, fossil in tertiary and quaternary land of America, in Delaware and Mississippi rivers, in caves in Brazil and in layers of clay in Argentina, across the bones were found in primitive horses and cattle, often in the vicinity of the remains of human life.

In 1890, the brothers Nordenskjold, Smith-woodware AMEGHINO and made the find in a cave near Last Hope in Patagonia, that strange mixture of bones, along with scraps of fur, and an enclosure separated by a wall of the living where, according to appearances, and sloth-gogantescos bugs Mastodons were reared as pets. In Central America, the mastodon served as a beast of burden and mounts the holders of the Mayan culture. In several places, the mastodon bones and shards of pottery were found, along side. In 1928, Franz Spillmann excavated a complete Mayan pottery, dating the ages II to IV of the Christian era, the owners must have lived with a mastodon, because: "Among the pieces of glasses and jugs were huge bones of the animal, giving the impression of a primitive elephant in ancient china store ... "

Also in the United States - an area spared by the toxic gas disaster Atlantic - mainly in the Missouri there were traces of a "culture of mastodon": full of coal layers of wood mixed with the remains of domestic rats, tools and bones of elephant .

Possibly, the external appearance of the Mastodons was even more strange and incredible than the mammoth, its huge head, with snout giant of tapir, was almost the length of the whole body of prey short left maxilla. These animals, adapted to the beach environment, where they lie down in the sands and the warm mud of the seashore, ate the shoots of bamboo and open passage through the coastal jungle, in absolute terms had to climb the high ridges, where they found his tomb lonely . And neither did some of that escalation. The death surprised them in their own habitat, customary in the areas of the coast. Were probably killed by suffocation, like the Siberian mammoth, from the Brazilian Northeast is within the monsoon to the east, which then, in addition to the deluge of rain clouds, still have the toxic gases that dispersed and spread over the continent and doubtless also in parts of today's Colombia. Then came the rain and mud of the floods, the sea invading the coasts. The carcasses were stacked and covered by the mud disaster diluvial. In hot weather, the parties perishable and rotting bones, saturated salt mineral, fossil fuels have become, under the covered with mud which, in turn, dried and hardened like cement. However, that means the fossilized remains have to stop at altitudes of the ridges? Today, the polls showed so true that only in later, after the disaster Atlantic, its original habitat, the coastal regions, have to be raised to 2,000 to 3,000 m altitude. There is a document insofismável for this elevation of the South American west coast. Alexander von Humboldt himself, and some subsequent explorers, saw and described the remains of ancient primitive beaches, preserved today as white bands, alvas, which from 2500 to 3000 m in altitude, extending along the coastal rocks of ridges, from the Lake Titicaca to Panama.

Even the huge Lake Titicaca, in Peru, at 3,800 m above sea level and covering an area of almost 7,000 m², the largest lake on Earth, shows a strange beach strip; strange because to follow in oblique line, the track of your current pargo. This points to the northeast obliquity; giving further that route, ending in the Azores, in the center of volcanic and seismic disaster Atlantic. Is the "unknown god" of Tiahuanaco had lived that cataclysm? It is interesting how, everywhere, indicating arrows indicate the

location of the alleged cause.

What does that track beach, oblique, visible in the Lake Titicaca? Shows how the plate tectonics Brazilian performed a tilting movement, approximately corresponding to the angle difference between the two tracks beach. Now, in turn, this means that the east coast down in both, as the northwest coast went up because the cake always turns around its point of gravity. But there it is concluded that there was a platform on mild slope, located in front of the northeast coast, to be identified as "drowned land." The regions of the mouth of the Rio Amazonas and Rio to show the traces.

Until now the motion without explanation tilting Northern Brazil, around an axis between the Panama and Bahia. However, once explained it, with the scheme of fig. 39 and, in true restoration, the removal of turf island, which illustrates three typical stages. For now there was and is accompanied by only the fate of turf between the lower continental plates, as drawn by the lowering of the magma and became submarine. At this point it should be noted also the two major tectonic plates on the right and left. Although not plummet, so isostatic response to the movement of masses of magma, adapting to the lowering of their level, situated on the edge of the newly formed depression, followed the changes in the substrate of magma. Therefore assumed slant is equal to the assumed by the latter, thus repeating the obliquity of depression.

Now, we will devote special attention to the board at the left, it would be a failure of the northern area of plate tectonics Brazil. The fig. 39 shows clearly how, in consequence of the depression, formed in the substrate of the magma, the inner half of the plate, ie the eastern side, had to make a motion tilt-down, while the outer half, West had to make similar upward movement. As the sea surface remains equipotential, this corresponds to lifting the northwest coast, to the heights of the mountains, and the lowering of the northeast coast, drowned in the Atlantic. Thus, the puzzle is discovered and was answered the question, inquiring as the carcasses of Mastodons came to stop in the high ridges.

In today's Colombian coast the elevation was not as pronounced as in more distant regions of Lake Titicaca, to have been closer to the axis, around which the movement was tilting. However, in any case, the track coastal wetland, habitat and where the Mastodons died asphyxiated, was transformed into a highland, to 2,000 m above sea level. There were the fossilized bones, under the rigid mud, exposed to inclement weather the climate, tropical. The rain turned to soften the mud dry, and little by little, remove the protective layer by washing it. The winds carried the work of erosion, erode it, drawing her grain after grain of dust. After centuries or millennia, the layer of mud has disappeared and the giant petrified bones were on display. Then, became the subject of the action of rain and wind, in large part, the bones were carried by runoff, were disintegrated, disappeared. Only the largest and strongest parts resisted the action of time, these remnants derived the name "Field of Giants," undeniable geological evidence of the sudden death of all living beings, including those huge animals, as well as the removal of the west ridge, by force of the revolution that ended the Quaternary Geology.

Below, some geographical evidence, supplementing the data on the phenomenon of tilting movements of large tectonic plates. K. Bilau discovered a huge undersea demotion, the depth of 2,500 m, extends from Cape Breton in the south-southwest direction and captures the waters of rivers, leading in this coastal stretch. Near its outfall, all these rivers show a clear shift to the west, toward the local lowering of the Atlantic. This demonstrates the fact, and the approximate location where it took place, that the plate was attached to Europe from Asia, with its "rough edge" and twist it a

little because he was prevented from executing a tilting motion free. Many of these rivers have channels of submarine outfall markedly elongated. This feature continues to the south and therefore in West Africa, the Congo River launches its waters in a submarine outfall system, of great extent (Fig. 41). There is a wide groove, easily identifiable as the outfall channel, and which descends to a depth of 800 m. Then this would have been the extent to which West Africa performed its tilting movement down.

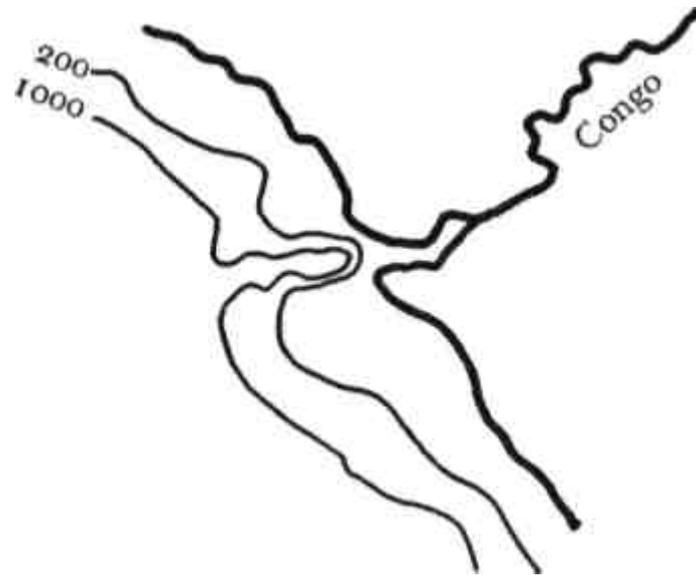


Figure 41. The groove of the Congo River (Scale 1:10.000.000). The delta of the Congo, West Africa, like the Scandinavian fjords, continues below sea level, on a length of 100 km and up to 800m deep. This is an indication of the exact extent of the lowering of the coast of West Africa in the Atlantic Ocean.

Presumably, the lower postglacial should have been even greater. The problem of displacement of the bed of the Congo River has been studied mainly by P. Smith. In turn, Pettersson reports in this regard that the river was dammed by a bending in the soil, there would have been turned into lake, and then would have forced its passage through the rocks easily eroded, thus allowing the leakage of water reservoirs. Today, the gold mining of diamonds is done in the old lake bottom, where they found remains of civilization housing musteriana (Palaeolithic). The people who inhabited those regions should run water constantly lifting and dwellings located in the highest points were the subsequent civilization solutreana. Then and correspondingly at the end of the Quaternary, there was the sudden lowering of the soil, because until now ignored. P. Smith examines its scope in almost 4000 m, also seems to estimate this value with that obtained for the lowering of the fossa of Romanche, the northern mouth of the River Congo, at least 2,800 m, or more likely, as the soil samples revealed the . Therefore, the profile of the west coast of Africa attests that the lowering caused by the disaster severely Atlantic reached the bottom of the basin south of the Atlantic. In turn, the extension of lower ground to suggest that the proportions unimaginable disaster prehistoric.

Similar phenomena of degradation and collapse of coastal lands were also found on the east coast of North America. The baixios of Newfoundland and Nova Scotia, and the long and irregularly debouchment like an arm of the sea, the St. Lawrence River, are areas of soil lowered later in geological time. It seems that the great Hudson Bay there are also areas that should have been lowering from 100 to 150 m. The Chesapeake Bay

is a fjord, a drowned valley. Martha's Vineyard, an island today, once must have been a hill, situated in a llíngua of land, entering the ocean. While all this was a general knowledge so far remains unexplained.

Moreover, it is known perfectly well that the Hudson River submarine canyon has to equal the magnificence of the Congo River in Africa, a gap of 800 m deep and steep flanks, which extends far beyond the coastal zone and ends only at 2 or 3 km deep. So also the range of continental land must have suffered some degradation of the order of 3000 m. Moreover, according to Pettersson, the entire east coast of North America, from several thousand miles in length, has similar structure and are cliffs, canyons dotted the 2000 to 3000 m depth, showing great similarity with the cliffs in the alpine chains mountains, where rocks have fluxão or bending. In short, is a land inundated. Some beach terraces, preserved to this day, are there to show the change of level, which may not have occurred in stages, but the opposite happened so quickly and relatively nothing gradual. The general lowering of the coastal zone appears more clearly in the marshy regions of North Carolina (Fig. 42). Moreover, all these phenomena have become more complex with the subsequent retransformações, which introduced the reciprocal movement of ascent and descent, for juxtaposition and consequent obliteration of its original features.

As mentioned elsewhere, the forces were not expressive of reprocessing, whose work caused the depression to lowering the level of magma should be capped, as was the minimum standard deviation of the conformation, rotating ellipsoid, reaching only about 3 kilometers, where the total sum of the radius of Earth 6400 km!



Figure 42. The coast eastern North America, a coast "drowned." The coast presents symptoms of a post-diluvial. The sinuosity of the bay of the Hudson River and the "line of disruption" in parallel, with its many lakes, and strongly avoided the strange configuration of the coastline, near Newfoundland, the mouth of the St. Lawrence River, near Cape Cod, the Chesapeake Bay, all this and more the fact that the continental shelf move away from the coast, is to indicate the demotion, entering the Atlantic at rates of more appreciable. This phenomenon is also the collapse of land between Cape Hatteras and Florida, the eastern coastline pan-tanosa. The dotted line marks the edge of the continental shelf.

Although here and there, within the unstable area of the Atlantic, revealed peaks of submarine volcanoes, rising up above the sea level, or there arose, connected islands, such phenomena, in a stunning, can not be considered as evidence of the possibility of

a beautiful day and this same way, emerging from the great island Atlantis, finca in the bottom of the ocean. With high probability it will, and always, the platform of the Azores. Also, is it perhaps could have the possibility of archaeological finds, whether an accidental revival of Atlantis, or improved methods of underwater survey will reveal to us what is happening down there, the 3000 m depth? The truth is that Atlantis was destroyed, first, was devastated by a tremendous wave of compressed air, and then was flooded by successive macaréus giant that obviously destroyed, flooded, eradicating almost all the forests, houses and villages, existing its surface. However, the destruction itself was the work of underground fire, whose blaze left the mountains, invaded the island, from the line of breaking underwater, then whooped. Undoubtedly, rivers of lava covered the land island, just as in the lower Tertiary, the Hindu Dekkan acquired its thick coating of lava. The crust of lava, from the Atlantic disaster, could never be imagined or measured, its thickness could be hundreds, or even thousands of meters, so the possibilities are almost zero evidence of a comprobatória be withdrawn from the ocean bed. Moreover, such events become less viable when considering to find and identify the buildings aneliformes, perhaps, the great plains with his pipe and his quadricula input channel. So this would be the point on which all efforts should converge, to the rediscovery of Atlantis, at least in frames submarines.

The Limo Argilo sand-and carbon dioxide

At this point, our scheme of restoration should focus on the time since quah had much, stopped the rains flood, and bodies of water, flooding half the globe, returned to the ocean. For time and again since then completed the major terrestrial water cycle.

Also the sludge diluvial, from mixing with rain water from volcanic ash, do you think is filed, for the most part, at any point in the bottom of the ocean. In any case, it is a total of around three tonnes quatrilhões and if that total were retained only some portion, it should be of sufficient amounts to be found.

Suppose that 90% of sludge diluvial were taken to the sea. This estimate is slightly higher residual values of 10% instead of 5%, those obtained with the calculation of partial flood in Mesopotamia. In this case the higher value is justified by the total collapse of the flood have on treatment of land considerably more extensive that the "dam" Mesopotamia, thereby increasing the percentage of mud left on dry land. The broadly, what was on the surface of the Old World would have been a third of a quatrilhão tonnes, and therefore represent the volume of one to two million cubic km. Indeed such masses of mud would be too much to disappear without leaving even the smallest trace.

On the other hand, assumed that this quantity, also significant on a global scale, was deposited in any form, on a plateau of average altitude of 100 m, then it should cover an area from 10 to 20 million square kilometers, or between the tenth and twentieth of the total area occupied by the Old World.

And indeed, this massive mountain of comparable size and magnificence, there is, lies in the continent euroasiático that most suffered from the rain of mud. It extends from the west of France, from the Atlantic coast, on the central regions of Germany, along the rivers Rhine, Danube, Elbe and Oder, to Czechoslovakia and Hungary and, via Poland, Russia southern reaches; in central and eastern Asia will be expanded to form the Tarim basin of the Turkestan, and covers part of northern China.



Figure 43. Areas of distribution of the sandy-clay loam stratified. The area of sandy-clay loam extends to, towards east, as an alluvial belt, progressively wider, until the northern edge of the great chain of mountains of fold-up, beginning with the Alps in Europe, and through the Caucasus to the Pamir and Himalayas in Asia; alluvial belt that ends at the Sea of China. The main areas of sandy-clay loam are marked with dashed, the centers, with black dots, the area of permanent glaciation, diluvial with dots.

The Figure 43 shows the belt of sandy-clay loam, yet enigmatic, that specifies a technical term glacial sediment, similar to the clay, rich in quartz and lime, the ocher-colored gray-clear, with surprising amount of grain quartz, mica and splash of the stone chips of all kinds. Time or another also shows bones of mammoth, remains of animals of frozen deserts, typical shells of land snails, with few traces of glacial man, especially the type of Aurignac (Board 9) in the form of bone fragments and artifacts very rudimentary .

According to its origin, there are two types of clay, sandy loam, namely the non-stratified, clayey-sandy loam called the mountains, and stratified, from the strata caused by water. In most cases, the type not stratified, ie the genuine, is the substrate on which banks run that well stratified, especially in large rivers, reach significant proportions and compete for the formation of the landscape, which give the

characteristic features.

The theory includes the type called wind genuine and sedimentation caused by the cold winds of the steppe, in powder form, the sandy-silt-clay so it would have been taken to the green areas, nearby, where he was captured and accumulated by the shoot. Without doubt, this substrate of sandy-clayey silt has formed during the various stages of glaciation and the intermediate periods. However, interested only in his capacity as basis of huge banks of sandy-clay loam, formed in later times and where it was accumulated most of that product (Board 15).

While the bottom layer, wind, shows no traces of alluvium, banks stratified, with its strange and bizarre structures, forming plans and high terraces, have all imaginable and desirable characteristics of their water source. Throughout its creation, qualify as typical alluvial conformations and that its characteristic also has been marked by its location in the beds of rivers and river valleys of the primitive.

However, where they have enormous amounts of silt-clay sandy stratified water?

For chemical composition and physical structure, the sandy-clay loam stratified is not the genuine product of erosion in a well advanced. Moreover, since the raw material, while still intact, it must have been rich in quartz and limestone, but did not contain calcium carbonate, calcium oxide, but, only with the gradual erosion, it has become that. Therefore, it would be somewhat difficult to imagine that the mountain ranges, rich in calcium and quartz, were only formed by erosion. Moreover, there are ridges of great size, which rocks, and quartz, containing calcium oxide, which is obtained by heat treatment. Nor is there a plateau that, through Europe and Asia, with the belt of sandy-clay loam, in order to allow the products of erosion, there originated, were introduced in the wind belt. Also, would hardly mountains land of sufficient size to produce and disperse such quantities of products of erosion. Would be two million cubic kilometers, roughly corresponding to the volume of the Tibetan plateau!

Therefore, the sandy-clay loam stratified in training was not a gradual, its origin should be totally different.

It happened, however, that at the Atlantic disaster, the interior of the earth, the pot containing the fiery magma, provided raw materials in the form of volcanic ash in quantities higher than those found today as sandy-clay loam stratified. First, the clouds formed in the eruption caused such ash to the high layers of atmosphere, where they were released, then traveled west with the winds, prevailing for the flood regions of Europe and Asia, where they were eliminated and washed by the waters. The sandy-clay loam is the base of the sediment mass of mud that both large and small, is one layer of clay, alluvial and completely sterile, as in thickness from 2.50 m below the tombs were found in well, kings of the early Sumerians. Also, the sandy-clayey silt was carried by the flood through the whole of Europe and Asia.

Under this concept, the sandy-clay loam is not prouduto of erosion, formed gradually, by surrounding mountain ranges of limestone and quartz, but one gets, coming from far away. It is the magma, broken into drops, which turned into volcanic ash, crushed by winds and hurricanes, in the high layers of the stratosphere, there is mixed with marine sediments, rich in calcium, also detachment of the seabed of the Atlantic and those projected altitudes. This was the recipe of the geological formation of the sandy-clay loam. The content of calcium is due to marine sediment and its high content of quartz, the surface of magma, containing silicic acid. It is decomposed magma, mixed with marine mud. In this case, the erosion has progressed to the point under the microscope of its volcanic origin be revealed only by their chemical constitution, not by its structure.

In this context, the origin of the banks of sandy-clay loam, stratified, can be viewed with great plasticity. Collapsed the rains flood, and much beyond what they can devise about. "The soil of the earth was of mud, desert, desolate." Parts of the contents of ash remained in the lands washed, flooded, we got to evaluate them on a 10% and these were the remains of land abandoned by continental waters retreat to the sea in the world. The events that accompanied and followed this procedure can be demonstrated in small scale, putting up a sheet of flat glass in a position slightly oblique to let it drain on a thick water, mixed with mud. First, there are small grooves in the surface flow of finely granular layer, little by little, expand it and become great in furrows, which become progressively more funds, cross open ditches, steep-walled, cut by grooves closer. Once more, our model takes the aspects of a landscape, formed by sandy-clay loam, as exists in the Chinese province of Shansis. However, crops in terrace, there exist were made by the hand of man (Board 15).

In China, the sandy-loam clay has become the yellow earth, with that Empire gave the Environment and the sacred color of their advanced civilization based rural. Due to its high content of minerals and trace elements of, conditional on its origin, the sandy-loam clay mineral fertilizer is a great and probably is in the more fertile soil of the entire globe. Provinces in China, whose lands are sandy-clay loam, forming thick layers of hundreds of meters, the peasant seeds, planted and harvested continuously over at least 400 years without ever fertilizer them.

All that is known about the high fertility of the sandy-clay loam, also applies to the volcanic ash decomposed. Thus, the volcanic island of Lanzarote, the "Island of the Moon" from the Canary Islands, provides a classic example. Between 1730 and 1736, this island was devastated by volcanic eruptions very strong and then covered with thick layers of ash. Once more, these ashes, rich in nitrogen and acid salts matches, turned into high quality of humo. Without any fertilization, without any special care, the soil was and remains incredibly tired of giving crops potato and cabbage, onion, watermelon, melon and figs, and grapes of smoke, competing in fertility with yellow sandy-clay loam of China.

Moreover, the soil need not always be yellow, can also be black, like the famous black earth of Ukraine, or yellow-red as the ground of Hégyalya in Hungary, or brownish-yellow, as the land of Magdeburg, in eastern Germany. However, when and despite their color, retains its high fertility and their characteristics, and specific, as are known throughout the world for lovers of famous Hungarian wines. The sandy-clay loam is a very valuable donation of disaster Atlantic. Although the destruction caused by this disaster was incomparably greater than the benefit derived from it, this positive point at least has survived to start the redemption of its primitive civilizations, then or in debris or completely eradicated, bring the water. Also for the purposes of the cataclysm of the season diluvial valley popular saying, that there is no evil that does not bring a good, up to the deluge benefited the posterior to the donation of sandy-clay loam. This same philosophy also applies to the second gift that has been bequeathed by volcanic eruptions in the Atlantic. The toxic gas cloud that preceded the rain of ash and mud, destroyed almost all life on earth were, in most cases, carbon dioxide. This odorless gas, transparent, but relatively heavy, is not toxic, but unfit to keep the process of respiration. When you breathe, the combustion of substances the body produces its own carbon dioxide. Also this product is ambivalent effect: to bring about the death, other life. Animals and aerobic bacteria die, while the plants live. Carbon dioxide is the vital element of the flora, the plant body, hydrocarbon, is composed of water and carbon dioxide in photosynthesis these two components are assimilated. The

duration of your life and speed of growth depends on the content of carbon dioxide from its environment, carbon dioxide, the "envelope" of the plant. Today, the environmental content of carbon dioxide is low, the average is just 1 / 33 of 1% of volume, because only in the immediate vicinity of the soil enough to reach 1% of volume. The total weight of carbon dioxide in the air should add a few billion tons. It was found that during the disaster Atlantic, was produced a multiple at least three times the amount of carbon dioxide from volcanic to spread all over the globe by winds flood. While a part was absorbed by the sea, while another part would be lost to erosion, roughly the average level of carbon dioxide in the air must be strong and increased suddenly.

Furthermore, the geologists emphasized the phenomenon of a flora very Viçosa, subject to periods of volcanic activity, as occurred in the tertiary. Moreover, there is inferred that in Northwest Europe, the climate change marking the transition from the Quaternary to quaternário, would have led in a straight line, the existing plant grace the stages of glaciation during a period of overflowing floral richness and abundance paradisíaca. However, this was not what happened.

Two millennia of Darkness

So far have not come to close the examination of side effects and later, all the products generated by the projection during the volcanic disaster Atlantic. The products of large volume, forming sheets of pumice stone and mud, have made for a long time, the Atlantic east no longer be navigable, the average consistency of products, such as volcanic ash, mixed with water vapor, discharged by the eruption, the rains caused flood and left as its derivative, the sandy-clay loam stratified. Finally, the exalações in gaseous form, for the most part carbon dioxide, a gas produced fertilizer, of inestimable value.

However, there is a portion of these products to be examined, the substance thin. These finer particles that ash had different luck and produced different results. For this portion of the total products of projection, represented by a fine powder, the weight was computed to approximately one quarter of quatrilhão tonnes. Pinhiformes the clouds that may lead to the upper layers of the envelope of air, where it was suspended for a long time, because of its fine consistency and its tiny size. Also for this there is the possibility of drawing conclusions parallel, based on subsequent examination of the effects produced by volcanic eruptions, recorded by history.

During the eruption of Cracatoa such particles were taken at altitudes of up to 30 km, bottom entering the stratosphere, where they were suspended for more than two years. Ali led the "red glow" of sunrise and sunset, exceptionally picturesque during that period. A similar bright red and with that striking evidence of the existence of volcanic dust in the high atmosphere, roily them was seen throughout Europe, after the eruption of Mount Pele, on the island of Martinique. Also the fall of the meteor phenomenon caused taiga identical with the dispersion of masses of meteoric dust. Also, these effects later become even more impressive with the activity of Mount Katmai in Alaska in 1912, when the volcano came into violentíssima activity, designing incredible mass of dust that, in addition to producing the "bright red", even caused a significant drop in temperature.

During the eruption of Cracatoa was observed as the dust rose to ever greater heights, as if it were lifted by cranes stratospheric. Finally, most of its mass was suspended at 80 km altitude, there is atmospheric pressure of only 0.02 torr and the air is composed

of hydrogen and nitrogen in equal parts. The ring of dust, suspended freely in air, exposed to the rays of the rising sun and west, as a bright white flash, diffuse, sometimes as scintillating evening clouds, sometimes like a silver cloud. Over nine years this conformation persisted sparkling, delicate, when they are discarded to extend to regions of progressively more extensive. It is difficult to determine accurately the time the return of these tiny particles to Earth. The Stokes formula, used in these calculations estimated, operates with a number of factors too little known, such as air resistance in those unusual altitudes, diameter of the particle and its specific weight, so that one can hardly take their results as arithmetic, in any case, are somewhat accurate and, moreover, do not consider the factor represented by the stratospheric winds. However, the examples allow the quantitative recovery of these effects even after the disaster Atlantic. Only twenty-thousandth part of a projection of their products would have been sufficient to produce effects equal to those caused by dust during the eruption of the projected Cracatoa. This proportion arithmetic could provide the basis for a first comparison, but can also be found more accurate values.

Supposed that the fine powder, left the terrible wounds in the earth's crust, the few, were scattered over an area of 50 million km² of surface, corresponding to the whole of Asia, each square kilometer would have been covered with about 5 million tonnes of powder, equivalent to 5 kg p/m². What was the altitude of the layer of air able to load such a quantity of powder?

For purposes of rough calculation, made to believe that layer of air was so "polluted" as the air of modern industrial cities, bad reputation, which reaches up to darken the light of day, as in so many of our cities civilized world. There is to some 100,000 with particles of dust p/cm³, or 100 billion p/m³. Such dust particles are the size of a micron (= 1/1.000 mm), its volume equivalent to approximately 1 trilionésimo of cm³. In the case of finer particles of ash, or porous structures, their weight can be estimated around 0.5 trilionésimo of grass. Therefore, a cubic meter of air pollution, as exists in major industrial cities, containing powder, weighing 50 milligrams, cake on a 100 billion grains of powder. Only 100,000 m³ of polluted air could contain a quantity of 5 kg of powder which, according to our calculation estimated, would cover one square meter of soil. Therefore, the column of air, which should contain 100,000 m³ p/m² surface-based, should reach the altitude of 100 km. Whereas these data provide a cross section of the hypothetical column of powder, equivalent distributed, that its power would be close to 100 km, that were saved since the proportions of polluted air due to an industrial city of today.

However, imagining such a cloud of dust rising up to 100 km altitude, containing twenty thousand times the amount of powder designed for the disaster of Cracatoa and suspended from 200 to 300 km altitude, comes to mind the appearance of great climatic effects and produced by the meteorological phenomenon. This cloud should be overcome in some fifty times the most powerful and imposing cloud formed during a storm, and its particles of powder is formed on ideals of condensation nuclei, remains to be rich in water drops and ice crystals. To some she carried multiple quantities of water on the powder suspended in it.

In addition to muddy the upper atmosphere as to produce the "bright red", it caused total darkness. With the presence of dust and clouds, the outermost layers of the atmosphere have become slightly reddish tones, to black, completely obscuring its transparency, at least for the first time this phenomenon of extreme turbidity. For the man who, after the disaster, lived under such a thick layer of fog dark, within an eternal winter mist, as exists in the northern hemisphere, the sky was totally changed, lost his

beautiful transparent blue sky, the stars disappeared scintillant that once appeared with the fall of night. The firm-up survival was dark, black-brown in color, without sun, no moon, no stars. Only a weak reddish glow, issued by the disk of the Sun without brightness and strength, could go through the clouds. Evil spirits stole the Sun, arrested him, did a spell to disappear - and mythical heroes left in its quest to free him. This echoes in primitive legends of Europe, and India. Japan, dating from the time before time. Therefore, this period of complete darkness in the country under the cloud, not a mythical tale.

This terrible cloud was not evenly distributed on Earth. With its thickest part, they cover those areas of the northern hemisphere which have suffered most with the rain of volcanic ash. There are predominant westerly winds that raised and led first to the east, but in the stratosphere, the wind directions change blowing strongly and the east quadrant. Therefore, the clouds of ash, raised in the east, the region of the disaster, or on the North European, were captured by east winds, prevalent in the stratosphere, which eventually lead them back to the West. Thus, the clouds, which in return were then west with the wind, came to swinging, determined to stay longer and focus more sharply on those areas. East Atlantic, the old Europe, where the glaciers were in slow retreat, the formation of clouds of ash must have attained its greatest intensity. There the rain of mud were the strongest. There arose the legend of the god before, murdered, in whose blood the world drowned. And there was the core of the dark clouds of mist, which arose after the flood.

This phenomenon was even more pronounced and always received reinforcements with the arrival of warm waters of the Gulf, then that first reached the coast of western Europe. Ali fought against the thick layer of ice, melting it and evaporated in the cold Arctic air, has not penetrated by sunlight, then absorbed by the dark cloud. In clouds of water vapor, not to train stopped, evaporated to the Gulf for that reservoir huge, dark, situated in the higher atmospheric layers, entering the stratosphere and ionosphere, they received new food from the sea cow .

What would have been the real effect of that awful dark cloud? Both the man and the animals living on that plant, for its assimilation, depends on the sunlight. Therefore, the lack of light greatly affect the plant life. Only a few species, able to adapt to the lack of light, such as moss, a dryad and polar mizeras grams, can survive this period of darkness, only those varieties could have survived the post-glacial period of complete darkness, in regions boreal, especially in Northern Europe, the most experienced with this phenomenon. The other plant species, hungry for light, and became extinct with them, man and wildlife, it failed to migrate and set up in less inhospitable. That desert country of eternal night, remaining only a few could have resisted such terrible darkness, perhaps, reindeer and musk oxen, fed up of mosses, rangíferos of hunters, shepherds and fishermen who certainly survived under the worst conditions and subhuman. Its existence should have been equal to the dead live in a world permanently dark, clarified only by a bright opaque and diffuse.

In a strange way, the landscape disappeared long ago became the prototype of the mythical country of the dead, the model of tartar and Erebus, the dark of pest Perséfone, the queen of the underworld of Hades and the country of eternal mist of King Nordic. How do all these concepts are correlated interlock and shows the great similarity between the words "Erebus", name of the dark region that extends under the earth and over hell, and "Europe". Moreover, it seems to us seriously and once primitive name of this continent was the meaning of "world in the dark", but stress that this interpretation meets was due to its geographical location in the West, for Asia, so-

Erebus Europe would have meant "country in the shadows", "west of the country." However, this interpretation is not plausible, because in all probability were not Asian people, but the Europeans themselves baptized to his continent. Moreover, Europeans have not had any reason to devise its mainland as the "west country", because day after day observed the sunset, then the far horizon. No, the concept Erebus-Europe waiver any additional explanation or different.

The memory of that kingdom of darkness and acted persisted for long after the return of the Sun With Homer in Nekyia, Canto 11 of the "Odyssey", there were references to "cimérias nights" on the far western and northwestern edge world. It is these details that alone would not have geographical explanation, to indicate the presence of real motivation, disappeared meanwhile, like the legend of the dead pest, which never entered a single sunbeam.

However, in remembrance of the people of North West Europe still remains even clearer and the fog of this world, the time before the time. Those who lived through the stages, now reconstructed, provided important testimony in favor of its reality in the tale of "Niflheim", the epic of the Nordic Edda. At the beginning of time, thus to the narrative, only there was nothing, a huge void, open and responsible as an abyss. In order that nothing had two worlds, the "Muspellsheim" and "Niflheim." The first was located to the south and the time it was clear, sunny and hot, the second was the North and there everything was dark, covered with dense fog, cold and wet. The ice fell from Niflheim to Muspellsheim where discarded conformations in huge ...

Without doubt, Niflheim was the world to the North, under the fog, the dark land, underground, in darkness, with the glaciers in slow retreat before the sun from Muspellsheim. Despite its impressive brevity, this description gives mythical paleoclimáticas fully with the conditions of the time, which portrays with absolute fidelity. The new and puzzling fact it refers only to the darkness there mentioned, but now also found that reason full explanation.

Long gone the cloud of fog surrounding the boreal regions of the Earth, but its traces remain verifiable through the paleoclimatologia.

According to geological estimates, the beginning of the period quaternário, or the contemporary era, it was around 10,000 BC As the disaster caused the Atlantic sudden projection of huge masses of volcanic carbon dioxide, the climate would have changed for good, considering that raising the average temperature of air, caused by the sharp increase in carbon dioxide, along with the warming of the environment by the Gulf, plus the fertilizer by-sandy clay loam, should have caused abundant plant growth and, thus, created the preconditions for a "second paradise" on earth. However, the ideal climate to come soon, and when he came, did not reach the optimum conditions. It took about 5,000 years for the climate epiglacial, the end of the upper Quaternary, became the great weather, featuring the season Litorina; before this, there was intermediate stages of intense cold, which lasted for the entire season Yoldi subarctic and as postglacial Ancylus.

These last two seasons, the Yoldi offers of special interest, because its floral table have been reconstituted by the analysis of pollen. The vegetation was very poor, the dryad, restricted to arctic plants, adapted to life with a minimum of light, such as moss, dryad, and later polar grams. Where the Arctic flora have been located in a landscape far to the south for this species? For there came not only because of the lack of heat, because it felt the heat provided by warm waters of the Gulf, but because of lack of light, absorption of sunlight by the cover of fog, post - glacial, covering life and preventing land. The season is characterized by Yoldi of weather conditions reigning over the

darkest period experienced by the North West Europe.

However, little by little the fog is lifted. A few millennia later, the environment has become more clear, the cooler climate, more of Ancylos inaugurating the era, with its birch, pine and its Alamos. However, only five millennia after this interim stage, *superfria*, inhospitable and enigmatic, came to an end. Finally, at the time Litorina, climatic conditions and with considerable delay reached the optimum point that according to expectations should be reached well before, immediately after the flood. Since then, the temperature has to fall. Also in the Bronze Age, the heat was stronger than today. The Iron Age of the recorded periods of intense cold, only later, with the increasing interference of man, in rapidly expanding population, were the first signs of erosion and deterioration of soil, making it the desert and creating its specific climatic conditions, whose progress future should be viewed with concern the case.

Moreover, long known this strange turn of weather changes epiglaciais and post-glacial, however, still have not been identified as problem. The climatic improvement at the end of glaciations, were accepted as such without the various processes of melting had earned math exams. Thus, it seems that nobody noticed how much was prolonged its duration. Therefore, our research they are likely to compete to fill that gap in the study of changes in climate and postglacial epiglacial.

Also, Figure 44 provides a schematic explanation for this detail. The time factor is the abscissa and the quality factor of the climate of ordinal. The abscissa is divided into segments, corresponding to the phases mentioned epiglacial period and post-glacial, so regardless of more precise dating, the outline provides a brief overview of the climate typical of each of the phases in question.

The figure presents two sides of different color, in black and white. A white light indicates the values of the quality of climate, as actually found by analysis of pollen, when Litorina ("L") is the ideal state, while in the Bronze Age ("B") and the Age of Iron ("F") decays gradually to the current value. This section of the diagram is fully paleoclimáticos the results, obtained in recent decades. However the explanation is in itself a new fact, shown dashed in the face in black. Shows there is the influence of negative factors, contributing to the deterioration of climatic conditions, characterized by dark mist covered the earth and involving the gradual loss of carbon dioxide. The contour line of this diagram indicates the supposed climatic situation, as would have been harmful in the absence of that layer of fog, in which case early in the quinquênio, the climate would have registered a sudden improvement, then from then on, a worsening in fairly regular pace.

What then shows a black face? It shows the dark cloud of fog, which, like a threatening shadow, as projected over the entire post-glacial stage. The loss, due to its absorption of sunlight, was incomparably greater than the gains climate, derived from the Gulf and the enrichment of carbon dioxide. Therefore, the stage was the toughest epiglacial and inhospitable, showing a bad weather, rather than great, as expected.

Also, as the vegetation development was shy, retarded, and neither she nor the soil relatively well preserved, under the layer of ice, then slowly decline, consumed quantities of carbon dioxide.

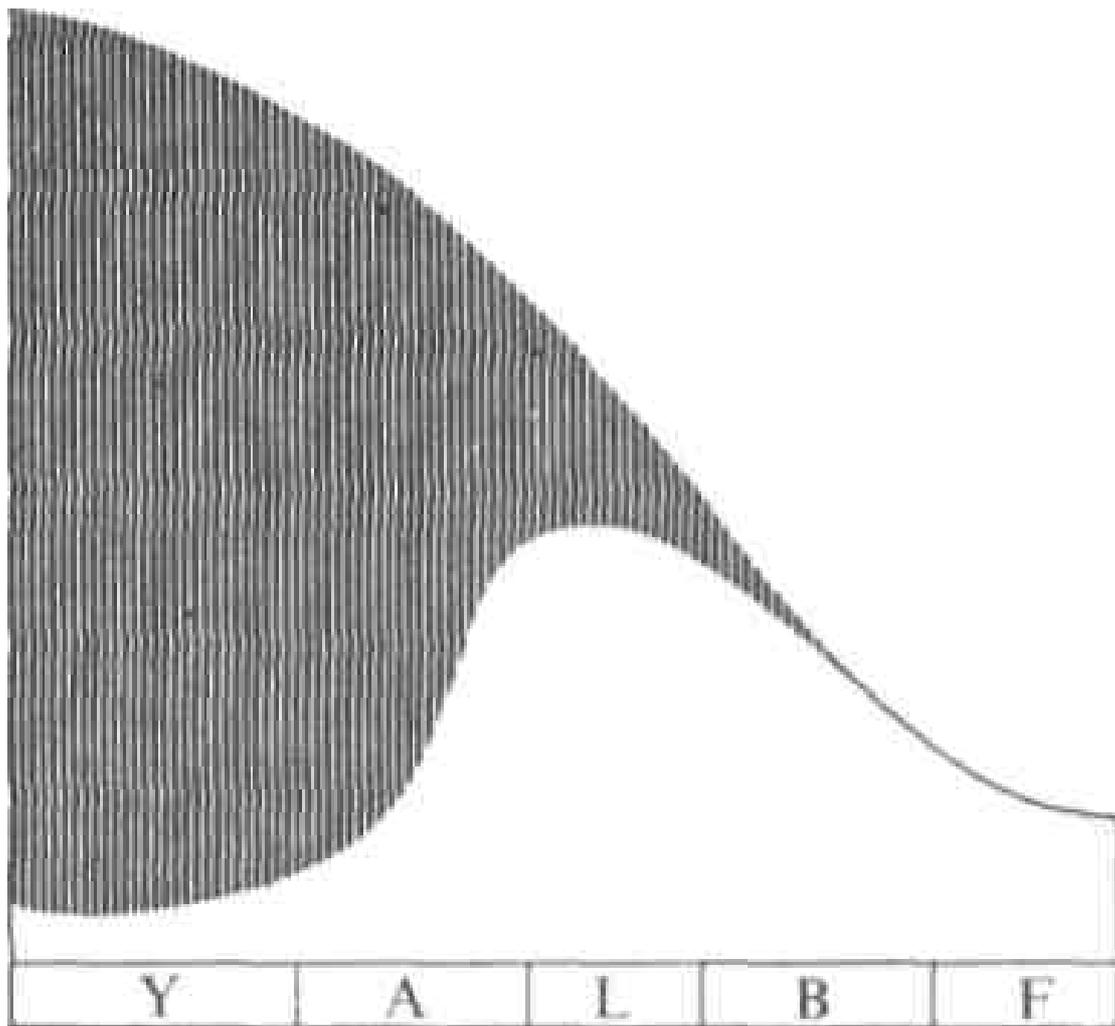


Figure 44. Explanation of enigmatic weather in the curve of quintenário. The diagram, sharply outlined, shown in arbitrary units, such as air temperature, for the time ordered the climatic oscillations during the stages of epiglaciação and post-glaciation: (Y = Yoldi season, A = Ancylus season, L Season Litorina = B = the Bronze Age, Iron Age of the F =). The curve separating the upper, dark, the lower face, white, represents the climate of northwest Europe, according to the provocative elements of the deterioration of weather conditions, such as a layer of dark haze, loss of carbon dioxide. If it were not for the cover of dark mist at the beginning of quintenário, the weather should have been great, because the arrival of the Gulf and abundance of carbon dioxide, and the slow and then a subsequent decrease, caused by loss of carbon dioxide. However, the weather could be great only when litorina, which is explained by the influence of the layer of mist dark (dark side), since only your demise allowed the realization of competing factors to improve the climate.

And, therefore, the air near the ground has retained all the richness of this precious substance. Where, then, little by little, the darkness is resolved and sunlight heats the ground, in the process of gradual thaw, the "greenhouse effect" produced by air, rich in water vapor and carbon dioxide, began to be felt. Then the air retained the ultraviolet irradiation, reflected by the soil and, thus, the Ancylus time, the air temperature increased suddenly, the point of bring up the first forests. Then, when the cover of fog is discarded, revised, inaugurating the era Litorina, the weather could be good, promoting the formation of a carpet plant, green-gold, of course, which covered

the landscape of the green again " legend of Midgard. "

Since then, the consumption of carbon dioxide increased and large quantities of valuable substances were retained by the newly formed vegetation. Also the sea, free of the shackles imposed by the ice to it, absorbed the lion's share. The glaciers retreated to the island of Gotland in the Baltic Sea, and large areas of land newly released absorbed carbon dioxide from decomposition. With this, the consumption of the promoter of the climate factor, ie the richness of carbon dioxide exceeded the unfavorable factor, or the remnants of the cover of fog. Therefore, the weather could not improve further, as Litorina improved before the season, but came to worse. And that necessarily the weather came in decline rather than improve. Thus, the puzzle of post-glacial climate change found their explanation, both qualitative as quantitative. But even that negative phase of the intermediate phase of cold and darkness presents a good thing. Because of this phase, the melting of thick glaciation, covering the continental land, come in rather slow pace, which in turn ensured the Nordic countries on both sides of the Atlantic, against the danger of a further interference in their life and evolution.

The broadly, is estimated at 800 to 1500 m thick layer of ice during the last stage of glaciation. According to Geer, took some 5,000 years until the completion of the process of melting and retreat of glaciation to Gotlândia, center of glacial formation. This would give an average annual melting of the order of 15 to 30 cm at most. This produced a melting water table at least 12 cm and a maximum of 24 cm in height. The percentage of water produced with the melting and the rain annually included, nor could have been of major consequence in a country with supposedly annual rainfall of about 150 to 200 cm. In a way the cover of mist became dark flegmá-tor the process of melting and, thus, the left harmless. The newly released ground state, with the retreat of glaciers, easily absorbed the extra moisture, without major disturbances in its water economy, which continued to be subject to annual precipitation rain, without notice the influence from the relatively small training of waters of melting. Thus, the water could drain superfluous and no permanent flood, or greater estagnações water or formation of swamps.

Moreover, in the absence of the protective cover of dark mist, the melting would have been processed in much more rapid pace. During critical periods, especially when Yoldi, the melting consumed 90 to 95% of the sunlight and, thus, increased in ten and twenty times the length of the process of melting. If it were not for that purpose refreador, the whole process was completed in only 250 to 500 years instead of five millennia that effectively led. Under certain conditions, the annual training of water de-icer would have increased to the 480 cm, thus surpassing the average rainfall rain. In this case, the economy, water was determined by the mass of water, released with the melting, which in any way would have been absorbed by the soil of tundra, wet, newly-released with the retreat of glaciers. In this case, the waters have risen, had covered the plains and come to mingle with the sea water, making the whole land flooded brackish. If this had happened, or North America, nor the North West Europe would have become centers of advanced civilization, because there where there were delayed because of the melting fields and forests, it would have formed marshes and swamps of brine, housing clusters of flies and mosquitoes. However, he wanted the fate that the decline of many glaciations undertake without causing catastrophic consequences, despite their huge tracts on both sides of the Atlantic. The glaciers retreated and gradually, little by little, the soil absorbed the water from melting ice. Slowly, the level of groundwater and the sea rose in about 100 m to its current height, which is not

much, considering that the sea depth exceeds 4000 meters whole process took place over some five millennia.

All this time that the dark cloud of fog was suspended on the northern regions had the effect of a pause for breath; fact fact also confirmed by archaeological findings in those respective strata. But the man, in his capacity as creator of culture, is also subject to their natural environment. The intermediate stages dark, inhospitable and inclement, the epiglacial stage, correspond to an intermediate stage in retrograde cultural evolution of man. The low point in its parallel weather is also an intermediate in the evolutionary process, the call the Stone Age, the Mesolithic period.

Without doubt, the duration of the dark cloud of fog that turned into Niflheim the land of glaciers in northwestern Europe was determined by the remnants of flora, fauna and human life, for the most part wiped out by flood. She has specific climatic conditions that in turn generate specific standard forms, developed in plants, animals as well as contemporary man.

Already know the effect of prolonged lack of light on plant life, the plants lose their chlorophyll, element of their assimilation and, in result, their leaves and stems become pale. The plant species of flora dryad, in poor light, such as drias, mosses and polar grams, also have the common feature of clear color, whiten, caused by loss of its chlorophyll content. The plants that grew during millennia under the cover of dark mist, under extremely difficult conditions for plant life, were the prototypes of the Flora dryad epiglacial and therefore even more lacking in chlorophyll and more discolored than those.

The chlorophyll of the plants in assimilation is the hemoglobin of human and animal bodies, both in its functional and structural aspect. The lack of light and reduces the vitamin content of hemoglobin in red corpuscles in his blood, leaving them pale, anemic. People of all races, kept in darkness for long periods, pale and lose their natural color, this effect is produced by the long polar night that lasts for six months. What would then have been caused by the fact that dark period of fog, which lasted for several millennia?

There arises the question of how was the appearance of Nibelungos of dwarves decanted in Nibelungen epic, that would have populated Niflheim. It can imagine them as anemic, pale. Your body should be adapted to that long period of darkness; inherited from ancestors, marked by conditions of his life and legacy in the posterior high power, these characteristics could be on the mark of the man of Niflheim, which the meeting would have, genetically, evolving and changing intensity increased. Thus, it would be possible that this period of darkness was a phase of incubation the formation of the so-called white race, post-glacial, pale, or, more specifically, of the human skin lacks pigment.

It is only this brief indication of how the event would have caused the white race.

There are many factors in favor of that argument, emphasizing the parallel with human "albinoidismo" of the Nordic landscape, marked both by land pale, washed by wet weather, on the brighter shades of the flowers, the silvery leaves of the trees, the white color of standard types of animal species and general characteristics of entire landscapes.

While to the north, involving all the darkness, the huge clouds, stacked to heights of about 100 km and floating at altitudes from 200 to 300 km, were visible about 2000 kilometers away. This corresponds to the distance between the current Arctic Circle and the chains of the Alps, or the northern suburbs of the United States of America. Probably, were discernible from the south up to much, maybe 50 degrees of latitude,

which also have been sighted by people Sulina.

To imagine that these people have glimpsed how such training of dark mist, just remember that the clouds of dust, with a much smaller, raised with the eruption of Cracatoa to reach the upper layers of the atmosphere, were transformed into clouds of silver, which glowed, especially at night, as were its low luminosity of the Sun, already made. Now, imagine this phenomenon multiplied by twenty thousand times, this is then a rough idea of the cover bright, sparkling, covering the regions of the North Pole. For the peoples of the South, always near the horizon, must have assumed the aspects of a ridge, moving gently, forty times higher than the Himalayas, reflecting target and the brightness of the Sun cegante the man of the South, the contemporary North appeared as a bright light flooded. Is for this reason was considered as the abode of the gods, as the stops divine? However, its brightness was only apparent and misleading, because all the light was withdrawn, and therefore lost to the very focus of the irradiation. The people lived in these regions black darkness, while by far were taken as the successful, inhabiting the land of bright light. Moreover, still persisting remnants of memories from those lands light in boreal regions. The Epic of Edda account, so until now unintelligible of albino "clear" and "black", inhabiting the regions beyond the world of men. Herodotus also tells stories of weird hyperborean of "people living beyond the north wind." What would this strange name? From where came the storms of the north, at the time referred to legends in question? Now we know, these mountains were sacred, address Alva, scintillating, superdimensional of deities, and the caves, the cliffs of the mountains alb, radiating a dazzling light. However, the land of the Blessed was still apart of that mountain was inhabited by the legendary epigone of giants and Titans. Gradually, the imagination has to mix with the older ideas of Erebus, the dark country of oblivion. Clement of Alexandria identified the land of the classics with hyperborean Champs Elysees and Ptolemy named the ocean hyperborean sea of the dead ... Perhaps, this was an unconscious memory, dating from time immemorial, and left by the stunning country of fog, there in the arctic north, inhabited by gods forgotten, he found a distant echo in the soul of the romantic German poet, Eduard Mörike, mentioned in his song "Orplid" when speaking of "my land, that it shines far ..."

These mists, broken long, conceal the very ancient past of Europe. With their veils covered also the origin of man in white. From disaster Atlantic, sharing the legacy of the man of Cro-Magnon Atlantic, the white man, European, and red skin of his cousin, American, became the legitimate heirs to Atlantis. They forgot that legacy, but even so, the white race, the latest in big bud tree of humanity, the most poor and at the same time, the stronger of their genetic changes, is in possession of the crown and sceptre of Atlantis.

Zero Day

The Mayan Calendar

At this point we just get a basic view, sufficiently broad, so as to provide an overview of the whole problem with the Atlantis.

The Atlantis existed, and "during a single day and one night unchancy ill" she disappeared, drowned.

This sunset that, for the European-Asian history is linked to the flood, made time, like no other event since the world is world, at least in historical times. The tremendous tuck that was heard when the "The planetoid" triggered the two sticks to beat on the

Atlantic tense skin was dark and the sound of a chord final geological period, and opening, inaugurating a contemporary era.

Based on eight geological estimates, made independently of one another and to have dating between 20,000 and 8,000 years old, was found the average value of 12,875 years, ie the year 10,900 BC, according to the Gregorian calendar. We think this gives average and fairly well with the timing of compiled by Geer, recognized and accepted as the best and most current and which was obtained by counting the tracks half a year in the Swedish bands decorating pottery Neolithic. According to the dating given by Plato, the disappearance of Atlantis should have occurred in 9560 BC, when very close to that found by de Geer.

But also the timing indicated by Plato is very brief and leaves to be desired as to its accuracy. Moreover, this same criterion applies to the estimate made by de Geer. Also, similar criterion applies to all other individual estimates in order geology and paleontology, still held on a much less secure. Neither can think of information purely mythical Genesis in the Bible, giving the year of Gregorian 3308 BC as the date of the flood.

Do with it would have exhausted all sources? Or there are other?

Contrary to what would be expected, the first such source is in the tradition of Atlantis. The story of Plato is divided into two dialogues. In one of the dialogues, critical, maternal brother of Plato, the symposium participants to transmit what we heard about Atlantis from Solon and Drópides. This narrative begins with the quote that gave the Gregorian year of 9560 BC However, the second dialogue, the Egyptian priest of Neita, informant of Solon, take the word of mouth critical. The key point is the fact that part of the story apparently indicate a more precise date than that mentioned in the first dialog, then says:

"... According to our sacred books, the constitution of our state there since 8000 years. So your concidadões rise up 9000 years ago ..."

The "our state is Egypt, it is the priest of Neita in salts, to speak these words to Solon. It noted that Egypt existed when the war broke out with the Atlantis, whose power is described as extending "to Egypt and in Europe to Tirrenia. Therefore, it is there that the critical period should be dated not from 9000 but only 8,000 years before the visit of Solon in Egypt, ie from 8560 BC It seems that the Hellene noticed and remembered only the date in a thousand years older and on their own pre-history, although the examination held in the text indicate, insofismavelmente the season in a thousand years later, that is, the Gregorian date of 8560 BC This date, once corrected in a millennium, is confirmed by an excerpt in the journal "Euterpe" in Herddoto, written during his travels in Egypt.

In Chapter 143 of the diary, Herodotus tells of a count of time that had been explained to him and the historiographer Mileto of Hecate, the priests of Amon in Tebas. The conversation took place opposite the huge wooden sarcophagi, closing the mummies of juice-priests who left his position, hereditary in certain families, for their children, grandchildren and great-grandchildren.

"They said: Each Piromis that lies in huge sarcophagi, always descends from another Piromis, and thus showed the sarcophagi 345, ending a generation after another of Piromis without, however, make any god or hero ... The priests explained that all, there closed in sarcophagi, were descendants of the same family and trunk at all, not gods. However, before these men, the gods have ruled Egypt, but they, the gods, not living with the land .. .

The mandate, passed from father to son was not life, but short duration, perhaps 20 to

25 years. With a total of 345 priests would-juice as a period from 7000 to 8600, or 8000 years on average. According to the Gregorian calendar, the season dating back to around 8500 BC

During these times, men have ruled the land Egypt, his predecessors were "gods", beings that, like the Incas, in Peru god, do not live with the mortals, they subjugated. Would have been the Atlantis, these legendary giants of the time before the time, similar to quinames Central America and were only destroyed by the ancestors of the people nahuas?

Thus, Herodotus and Plato agree that the time was not critical of the 9000 but of 8000 years before their days.

However, earlier this millennium has its meaning, because it allows other options that until now and because of this difference, no longer come into question.

These new sources come from the Mayan lands. Strictly speaking, one would expect to be carried out, as well as those lands are in the immediate vicinity of Atlantis, also belonged to her strict framework of power and civilization. And if in some part around the globe were motivation enough for the memory of that day, marking time, then there would be, among the peoples of red skin, close relatives living with the Atlantic and the Maya area, in Central America. These people, in addition to participating in the culture and civilization Atlantis, were also their legitimate heirs. Their land, very hilly and therefore well protected against macaréus but had suffered the devastating effects of the disaster Atlantic, yet allowed the shelter of some regions, except the total destruction. So it differently elsewhere, there were conditions for the continuation of civilized life and its various manifestations. At this point, this argument still prove conclusive in the same way as has just proven the existence of the "Island Block X" and its identity with the Platonic Atlantis. However, there are strong reasons that make it more likely the presentation of arguments pro than against this hypothesis.

If there were to Atlantis, the origins of Maya civilization remain incomprehensible, just as it is unintelligible to people without the name of Tiahuanaco, at the edge of Lake Titicaca. Already mentioned, elsewhere, that some significant evidence, findings in this port city never finished, mark a very important date, the Gregorian years between 6500 and 9500 BC, depending on the aspect under which the changes are seen in prehistoric ecliptic obliquity. Also there is a more recent date that the year 9500 BC, which we regard as the most likely.

Moreover, the timing given in the Codex Troanus where he says that "happened 8060 years ago," is very close.

Also indicate that dating before the ninth to the tenth millennium before our era.

However, this indication is only a clue, not a fact, considering the unknown to date version of the text and little faith that does justice to the translation or interpretation of Brasseur.

However, there is a document that leaves nothing to be desired as to its accuracy and unquestionable loyalty, is the Mayan calendar. Only late in date, the research succeeded in taking note of the document, repository of knowledge that enigmatic people, because of the religious fanaticism of the Spanish conquistadors, shame on all points of view and for almost total eradication of civilizations of Central America, very early and higher than themselves. Virtually anything that could be deciphered with reasonable ease, escaped the destructive Sanhá of achievement. Well, as said C. W. Ceram, in his aforementioned book "God, tomb and Wise".

"... behind the soldiers, armed with swords and mounted on their horses, came the priests, and fires burned in the flames of the scriptures and images that could have

given us information. In a gigantic self-of-faith, Don Juan de Zumarraga, the first archbishop of Mexico, destroyed any and all written to them, the bishops and priests doing it and the soldiers devastated, with no less zeal, what might even have loft. When, in 1848, Lord Kingsborough concluded its collection of ancient remnants of Aztec documents, their work did not include any piece of Spanish origin? And what was that for us it was the Mayan documents, the time of pre-conquest? Only three hand ... "

These manuscripts are still unreadable. One is the "Codex Troanus. Indeed, so very strange, nor were the three authentic codices that helped in searches, but was rusty and a little read book, dating from 1566 and entitled "Relationship of Ias cosas de Yucatán", written by Diego de Landa, the the second archbishop of Iucatã, man imbued with strong Christian faith, but of thirst to know. It was a stroke of luck that Charles Etienne Brasseur de Bourbourg came to know this key element for deciphering the most important Mayan documents and she uses it. The book contains the symbols used by the Maya to identify their numbers, days and months. In possession of this key element, has to be possible to interpret the language of the many changes reliefs, found in all temples, staircases, columns and friezes, which until then meant nothing, just left who looked surprised and astonished that pile of weird weird animalescas and human faces.

Since then, suddenly realized that it was not mere ornaments, but of symbols, numbers, days and months, that is the most important astronomical information. And, again, we give the floor to C. W. Ceram.:

"... In Maya art, executed and accumulated in the jungles, without the aid of animals or freight cars, cut in stone, masonry tools, with no ornament, relief or frieze of animal sculptures and none were found that were not in relationship with a date! Each work of art was a Mayan calendar in stone. Nothing was left to chance and aesthetics was the subject mathematics. If by then the world was surprised that with repetition, apparently without connection, or sudden solution of continuity of those horrible faces in stone, knew now that symbolized numbers, details of a timetable ... Around the globe, there is another calendar system, subject to the architecture and art, equal to that found in the Mayan land .. . (" God, tomb and Wise ").

This discovery was indeed remarkable. Do the builders were mono-maniacs, building activity led to the idea of a fixed date which would be more accurate and can prevail over everything else?

Hardly there another definition for that way of conceiving and executing works of art and construction, because, judging by the findings made, not the Maya built their temples of worship and works for both when there were reasons, such as a victory, or an epidemic something similar, but only and exclusively when the frequency to be raised CALENDARS sent. As a foreign decoration, these buildings took the date of its origin, thus documenting the observation and enforcement of the deadline set by the timing and dedication to serving the owner of the times. This concept was the point of where if repeated the cycle timing more important, the "ring calendar" covering the period of 52 years, new buildings have been erected around the pyramids of churches that exist, even if they were the best preserved and treated with the new perimeter always greater than that of the dating cycle past.

In 1925, the western outskirts of Mexico City, within walking distance of the heavy traffic of today's metropolis, was excavated the ancient pyramid of the serpent. But it was not a single temple, in the form of a pyramid, but a real "cebollão", with no fewer than eight "shells" - shells and that! - And bearing the decoration symbolizing their

dates. These symbols show the fact that over 364 years, a new building was erected around the existing, is looking to implement the strict regularity of the cycles of 52 years. Moreover, this same method of construction was found in temples excavated and studied at later dates.

These works reveal a mentality completely out of the series and so far enigmatic. This puzzle, manifest in numerous buildings, can not be conditional on rational grounds, but must be understood and explained as originating in the nature of the people and the real owners of their works and religious. There is only one reasonable explanation for the mania of the Mayan calendar, which would be in fear of the perished, psychological attitude seems justified.

Anywhere around the globe, such instintos primitivos found its expression in art and architecture to the point of influencing their creations in the way of how the Mayan civilization was. This trend, quite prevalent among these people, so it seems, were the only ones to survive the disaster Atlantic, whose effects have suffered in the flesh, could not have arisen by chance, but must have a genuine motivation, well-defined. A historical event must have impressed the Maya and their ancestors in those lands and get them motivated to convey their knowledge and attitude of all perished before it was considered as strong, firm, impregnable. This impression indelible, unforgettable experience, a trauma caused these people, who came to express itself in an obsession, to the creation of all imaginable and possible measures to prevent the repetition of that event, which taught them that everything is perishable and made them see the total annihilation of power and greatness of man.

What luck - it seems - our civilization was spared such trauma! Otherwise, the external aspect and the spiritual content of our culture would be different than today's are. It is reasonable to conclude that the fear of Maya, eternalize in a thousand forms in rock hard, it relates to the existence of the ever present threat of sudden and total annihilation, as happened during the most terrible disasters recorded in the annals of mankind and that collapsed in the neighboring regions to their own living space, which eradicated the center of power and glory of time before the time. Such traumas and complexes are characterized by the fact, and depressing experience, eternally present in the mind of the individual, forces you to automanifestar and take place in search of an ebb. Among the Maya, this trend has found a unique opportunity of expression through the contingency of amazing people that have the best and oldest calendar in the world. This was the second and no less surprising discovery made in recent decades. For our subject, is of decisive importance. The two attributes of the Mayan calendar are in causal relationship, the Mayan calendar is the best to be the oldest in the world. Its accuracy, almost incredible, is due solely and exclusively to its great age, to cause species to astronomers. Thus, it follows the following example.

The prof. Dr. Hans Ludendorff, for many years director of the Astrophysics Observatory in Potsdam, eastern Germany, made the report, among others, the famous astronomical entries in the "Temple of the Sun" in Palenque. For these reliefs, presumably dating from the first half of V century AD, the conditions are exceptionally favorable, it is possible to prove their astronomical nature, without much to summarize first the Mayan calendar, adapting it to our counting of time. The inscription begins with a date "older", which is 1096134 days before the date of the final stretch of the main entry, which in turn is a "time round", which according to Mayan chronology, is written as follows: 9.10.10.0.0.

And now comes the most interesting, because 3001 years considered (365.25636 days of each) make up 1,096,134.3 days and exactly equal to the numerical value Maya,

above, with a minimum difference of 0.3 days. Why the Maya chose this value rather than the apparently more "round" of 3,000 years considered? Ludendorff respond: Presumably, because this range is 2748 to synods revolutions of Jupiter. It is the probability of 1:50.000, by chance, a given range is within the tolerance specified and at the same time, represent an integral multiple of the year and the sidereal revolution of any planet synod, so that feels as Ludendorff, here, the random factor is virtually eliminated. "

In another and equally prominent place in the "Temple of the Cross" in Palenque, is another date, showing the interval between that date and the earliest date, in the "Temple of the Cross", which is 1380070 days . And, again, represents a multiple integral of the year and the sidereal revolution synod of the planet Mars, because 3803 years are considered equal to 1,380,069.9 days; 1781 revolutions synods of Mars are equal to 1,380,066.0 days.

"Although this last figure differs by 4 days of the above range, it stressed that, due to marked eccentricity of the orbit of the planet Mars, the period of his synod revolution is much more difficult to determine as in the case of Jupiter." (H. Ludendorff).

When converting data from the Mayan calendar to the Gregorian calendar, that the "round" Mayan date (9.10.10.0.0) corresponds to our February 5, 383, when the Sun was exactly in the middle between the two fixed stars very clear, the Antares (Alpha Scorpi) and Aldebaran (Alpha Tauro). This verification was made by the Mayas, without the aid of the telescope, thanks to the observation heliaca sunset and the birth of a star, when the sun coincides with the Ludendorff finally conclude:

"Only the study of inscriptions of Palenque can deduce that the Maya had knowledge accurate, almost incredible, the sidereal year and the ranges of the revolution of the planets. As you were not astronomical instruments of precision, the observations made by them should have been continued by extremely long periods of time, because only thus would have achieved the high precision of their astronomical data ... "

However, so far the archaeologists have not found the quantity expected and wanted the material remnants of those times imemoráveis where the trial of scientific Ludendorff, took home the Mayan Astronomy. However, as ever more modern instruments can detect objects and sophisticated and always higher multimilenares, will be difficult to correct Astronomy its opinions, but it to revise its criteria for Archaeological dating.

It seems that virtually no plausible conditions to invalidate the arguments of Ludendorff, because otherwise you could explain how a people without instruments to tell time and measure angles minimum, would have possessed a timetable for such extraordinary precision? Whereas only the facilities today's offer accurate astronomical knowledge, to be held within a relatively short time or in the course of a few centuries, it is reasonable to conclude that the high quality of the Mayan calendar is linked to their very old age.

Although researchers say that the accuracy of the Mayan calendar necessarily involves the assumption of the existence of ancient traditions, continue the search, even fruitless, a plausible scheme arithmetic, thanks to which the Mayan astronomers have computed its incredible starting date, working backwards forward and, thus, obtained the accuracy of their calendar, a stroke of luck for a happy discovery - intuitive? - Without, for both, had made observations over long periods. Therefore, the more assured is the origin of the Atlantic Astronomy Mayan calendar and the fact that the critical date of its "A Day Zero" take immediately, straight for the Atlantic season's disaster that, according to Plato, Herodotus and the Codex Troanus should be placed

in the ninth millennium before our era, or around 8500 BC, in accordance with the Gregorian calendar.

The "A Day Zero" of the Mayan chronology is the 5th of June in the year 8498 BC Gregorian, therefore, it is surprising there exactly where the other two dating, much less guaranteed, have guess it.

If this date is correct, then we able to determine not only the day of the disappearance of Atlantis, but the time about the beginning of the disaster Atlantic.

Then we will prove our thesis that the "A Day Zero" of the Mayan calendar in fact determines the date of the disaster Atlantic. First of all, it must clarify the basic question, objection, concerning the right days to be fixed for the beginning chronologically. The following historical examples answer this question:

The Roman chronology is the counting of years "ab urbe Condit," since the founding of Rome, and its capital city.

The Christianity to the years' post Christum natum ", starting with the birth of Christ, the Savior of the world. This count, however, presumably wrong in seven years, was initiated by Dionísio Areopagitou and is valid for the Christian era. Anyway, the crucial point is the event that marked the season and is beginning, or at least there is supposed.

So, to make a plausible choice, the "A Day Zero" of the Maya have been set an event that marked the second time. If the day of the fall of "The planetoid," then one could say with full and complete right, to mark time, from all points of view across the meaning of the word. He marked the destruction of the center of prifnitivas civilizations of the peoples of red skin in the Atlantic, and brought suffering to remember that Maya has since never managed to get rid of the idea of fixed periodic repetition of such disasters. This idea forced them to raise architectural works, considered protective against the evil spirits, how many human sacrifices, year after year and put all their life with their creative potential, in the field of timing, supreme god of his thought and of their actions.

This event also marked a geological time, advancing the hands of Geology of the fourth to the fifth field.

Finally, the event also launched a new climate cycle. The plant life, largely independent of the sun during the Quaternary course, presumably when the ecliptic obliquity was much less pronounced, was then suddenly subject to solar periods. This fact alone is enough for a people, driven by timing and a great vocation for Astronomy, choose a new "The Zero Day" to mark the beginning of a new geological period, with weather conditions entirely changed.

In fact, if throughout the entire existence of mankind, since the world is world, there was a day to mark time, then this would be characterized as the bearer of doom and dread overall. The Mayan car had just reason to designate this as their "A Day Zero." In its history was the largest and deepest water splitter, as amply illustrated by his habit of chronology and the calendar.

The second question refers to prior foreign term "A Day Zero." Was introduced by modern astronomers to define the day zero "absolute", adding the letter "A" (= absolute), to distinguish him from another day zero, set in more recent times of our history and that takes the attributes "common" or "historic." This "day zero" prior history in 13 long cycles of 144,000 days each, or 5127 years and 132 days the "A Day Zero" which, according to the Gregorian calendar, falls on October 15, 3373 BC It should be only the brief comment to that end, must have been decisive to the choice of Mayan timelines for the number thirteen. Presumably, a long sequence of 13 cycles,

or "baktum", a term meant. If, after the conquest, on land timelines indigenous Mayans were still capable of calculating according to their ancient traditions, then deemed paid, the next day one would have fallen in the year 1754.

The frequency "baktum" had the time to string center, with twenty "baktums" ending in the year 613 BC and the Gregorian marking the end of last year before the extended cycle of the Christian era. Calculated from that date, the "A Day Zero" is the last of the previous 20 years, which marked the beginning of a cycle "baktum".

The astronomer Henseling said the following about the uniqueness of that day:

"But - and this is the decisive point - only at one among the 21 beginning of long cycles (days zero baktum)", followed by Maya, 613 to 8498 BC, the very nature gave rise to justify the setting the beginning of one of the three elements chronologically.

Indeed, the only beginning of long cycle in line with the time of the Maya was the first day zero "baktum" in early June 8498 BC (Gregorian calendar).

Then, the astronomical evidence for the argument, that this first day zero "baktum" was in fact a legitimate "A Day Zero" and, therefore, the real first day of the Mayan chronology.

The chronology of Mayan astronomical was supported by four elements. First, based on the counting of days, started on "day one" and has since continued. In this respect, Henseling said:

His invention and use predispose an extraordinary scientific maturity, which only since the last three centuries we have to monitor conditions equally (though not strictly equal values we present ...)".

This count of the days leading to the frequency "baktum". It stressed that the selection of the figure "baktum" - 144,000 days - was just brilliant, because it can be divided up to full (14 of the first 20 digits) and is a useful chronological unit, which lends itself well optimally for all operations.

Beside the counting of days, admirable in itself, was the count of years. Thus, the unit practice was the "Haab", the calendar year, divided in 18 cycles (months) of 20 days each, plus five additional days. It follows that, millennia before the Timeline of Egypt, Mesopotamia and the scope of cities, the Maya had an exact idea of the number of days of the solar year, but the divided differently from the Babylonians, whose counting system was different.

Four "Haab" formed a group of four, corresponding to the cycle of the Julian calendar correction, and somewhat accurate, four times thirteen "Haab" completed a period of 52 calendar years, the exact interval when new perimeters were built around the hills of temples. Still ignored the question of choosing a course of 52 years.

Twenty-nine cycles of these calendars have the period of correction, itself, the Mayan chronology for the solar year. To them, 20 cycles of 1508 calendar "Haab", ie calendar years, 1507 years were at the tropical sun. The comparative table below illustrates the accuracy of the Mayan calendar, due to this period of correction, which was much higher in the calculation of Sotis, the ancient Egyptians. In the first column, the table lists the names of the chronological systems, used by way of comparison, the second column is indicated the cycle of correction, in calendar years (from 365 days), adopted by each of the systems under consideration, in the third column is the number of days, calculated on that basis, the tropical solar year, the fourth column shows the residual differences, accumulated over a million years and expressed in days, the difference from the actual solar tropical year which, according to the latest research, is 365.242 198 days.

CHRONOLOGICAL TABLE

Systems	chronological periods	fix number of days	tropical residual differences
Julian Calendar	1461	365.250 000	7,802 (more)
Sothic Calendar	1520.33	365.240 000	2,198 (less)
Gregorian Calendar	1505.15	365.242 500	302 (more)
Mayan Calendar	1508	365.242 129	69 (less)

As for its accuracy, the Mayan calendar outperforms all the older models as well as the Gregorian calendar, which, in this respect, surpasses in almost five times. The exact value of the astronomical period of correction would be of the order of 1507.03. If the timelines Maya, instead of choosing the full number 1508, had chosen the next whole number, 1507, which could easily have done, they would have achieved even greater accuracy and, thus, a lower residual difference of two days only. But then the divisibility of the whole would have been prejudiced because the number 1507 can only be divided by the product of 11 times 137, while 1508 can be divided by 4 and by 13 and 29, important figure in Mayan chronology. So the timelines ancient Mayans used in their period of correction that value which, besides offering the best divisibility, most approached the ideal value of 1507.03. They could hardly have done better choice for a practical timetable of long periods. Furthermore, the minimum residual difference, one day in about 14 millennia, was minor, since their chronology knew employ two other methods of correction.

A continuous count of days and "baktum" and the frequency of years and sequences Catende, were under the permanent control of a cycle of 260 days, also continuous, called "tzolkin" in the Aztec language "surface-lamatl," based on the pace of solar and lunar eclipses and easy to use, as the product of 13 x 20.

The second method was based on astronomical correction to change the appearance of Venus, the planet clear that among the Aztecs was dedicated to Quetzalcoatl. This planet, near the Sun, shows changes similar in appearance to the Moon, but its period is longer. In exact numbers, this period is 1.6 years, perhaps less than two hours, the second Svante Arrhenius, that has caused the Mexican introduce a negative correction to deduct one day after a string of twelve periods of Venus. Here's the equation:
 $104 \text{ "Haab"} = 65 = 146 \text{ periods of Venus' tzolkin}$ "allowing the easy management of correction and has amazing accuracy.

In any case, we may say that the system time and it was absolutely guaranteed the Mayan astronomers could have full confidence. Moreover, as reported Henseling and Ludendorff, they have admirable notions of revolution of giant planet, Jupiter, and this period is approximately 12 years, they served as another measure of correct and valuable, easy accessible control astronomical, supposed that for the technique for observing the Mayan periods were sufficiently long. Apparently, since before "The Day Zero", the Maya have long and closely watched the stars, because, as will be explained below, in that critical time they had an abundance of material for observation, collected and used during for long periods.

What Henseling title, the modern astronomer, critical and skeptical, would have said, as quoted above, that only the first day zero "haktum" could be considered as a

legitimate opening day of the Mayan chronology? This approaching us ask the crucial. The following is the summary of stellar positions and annual cycles in the last ten millennia, the result of combined effort developed by astronomers, in recent years and decades. Here are their findings:

- 1) Count "tzolkin" began with the full moon, the solstice that took place on December 21, 8498 BC (Gregorian), and appropriate due to a lunar calendar and eclipses.
- 2) Count "Haab" was inaugurated with the first days of the year immediately Maya, the spring equinox in 8497 BC, ie the period required theoretically.
- 3) The opening day marked both the beginning of the first cycle of the new timetable (4x13 "Haab"), during which each day had its name two, to avoid any confusion on these details.
- 4) Similarly started the countdown continues for days, representing the basis of frequency "baktum," that critical 5th June 8498 BC (Gregorian date), especially emphasized by Henseling and coinciding with a conjunction of the three next most stars clear, namely the Sun, Moon and Venus. We would say that this happened in time of new moon and Venus new, therefore,
- 5) That same day was opened to fix the period of Venus. In this respect Henseling comments: "You can not consider this factual situation as the work of chance." However, the opening date still more than Henseling suspected, since today's astronomy, in any way, or far, considering any link between that date inaugural "The Zero" and the mythical Atlantis. These motivations do not even enter into debate, just missing causes sufficiently explicit to clarify precisely why this day was chosen as the "The Zero." Henseling tends to assume that the triple cycle of the Sun, Moon and Venus, above, would have the choice of that "day zero".

As has now been established that the Mayan chronology, in fact, adopted on June 5, 8498 BC as a "day zero", when obviously so close that found for the disappearance of Atlantis, it indicates the identity of "A Day Zero" the Maya with terrible that day, marked by tremendous tuck, whose bangs were the chords of the inaugural awful symphony of destruction in the Atlantic. It is the conclusion to be reached each and every person without prejudice, which followed a showing of objective evidence and evidence that has been made.

However, the situation was not triple, but was the beginning of a new era, the beginning of the flood disaster of this period and geological factors that were the major causes, determinants of choice that day truly zero.

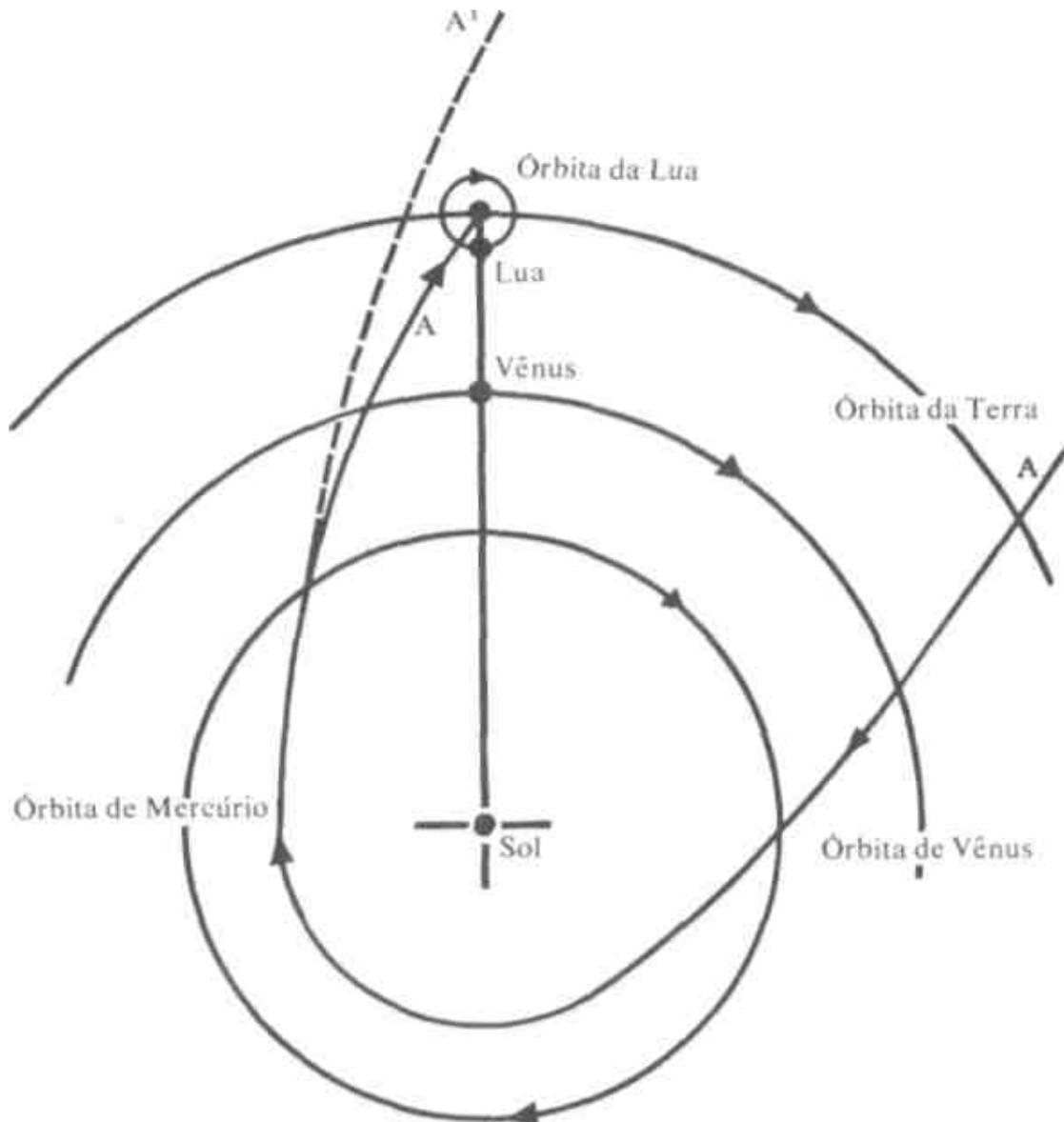


Figure 45. The cosmic constellation into June 5 Je 8498 BC, the land 13h hours (scale 1:2 million). A1 = Órbita undistorted the "planetoid A": A = The effective trajectory, under the deflection caused by Venus, Earth and Moon.

Nevertheless, the discovery is important that pre-historical constellation, by Henseling. Only that it has meaning other than that assumed by its discoverer.

The Figure 45 shows, schematically, the heliocentric system in the constellation. Around the Sun, the center, Venus and Earth orbits revolve in cir-individuals, the Moon in orbit fossick smaller, around the Earth. Viewed from the aspect geocentric, Moon and Venus are close to the sun From a heliocên-lations, this corresponds to an environment of Earth - Moon - Venus and happened in the "day zero" when the Earth captured the "A planetoid , whose orbit ellipsoid, eccentric, also appears in fig. 45. As has just been discharged, the planetoid A "has a perihelion and therefore passed the Sun and Venus. Under such a situation three, the planetoid from the influence of Moon and Venus, before suffering the attraction of the Earth, due to which its path was bent in order to bring you even closer to Earth. Thus, Venus and Moon cooperating to prevent the escape of the planetoid in the field of gravitational forces land.

Due to its juncture with the Sun, dictated by the rules of celestial mechanics, Venus and Moon made the inevitable collapse of the planetoid in the Atlantic. The case of a world, the outbreak of major historical catastrophe, were written in the orbits of the planets and planetóides. The relentless spiral of celestial mechanics determined the course of events with the fate of the true laws of nature.

Also, this situation also offers three additional one for our studies because it allows fixed with reasonable accuracy the moment when the impact occurred. Whereas the cooperation of the two stars above, the impact of the fall must have occurred as early as during the sunset, and later at around midnight local time. Probably it happened between these two schedules, ie, 20 h, local time, 75 ° west of Greenwich. At that time, was seven hours earlier, the zero meridian, the impact of the fall must therefore have occurred at 13 h, time on earth.

With this philosophy to date, marking a season like no other set can be fixed with all the desired accuracy, on June 5, 8498 BC (Gregorian calendar) at 13 h, time on earth. At that precise moment, the Atlantic-entered into the agony, the rataplan, inaugurating a new era.

Abstract

Thanks to Maya chronology, allowing the establishment of the exact time the beginning of the period quinquênio we obtained a more valuable for trial and comparison of facts and events of the past. For Geology, the element sets the date of transition of the fourth to the fifth, the current period; for Paleontology, indicates an exact date for the period generally regarded as Mesolithic, somewhat indefinite time, a gap opened between the two phases of advanced civilizations, marking the Palaeolithic and Neolithic periods. With the retreat of the date magna in approximately one millennium to 8498 BC, the Pre-History profit, besides the desired precision, a range of additional 1000 years of that period of time before the inexplicable times, with its primitivíssimas civilizations, whose motivation until now was totally in the dark. Now beginning to be unveiled the mystery that these remote civilizations flourished on the banks of the Nile and the Euphrates, within the cities, and that marked the megalithic constructions, all chal-fade simultaneously around 4000 BC Everywhere new life sprouted then ground post diluvial and on the ruins left by the side effects, posterior of the disaster Atlantic.

The dating of prehistoric findings, retreating by 30 millennia or so, may be made by radiological tests in the case of organic material. It was found that all living beings in their metabolism lead to a very small amount of radioactive carbon isotope, C-14 as specified. This isotope is produced in the upper layers of the atmosphere, where cosmic radiation is more intense and diffusely added to the casing air. The receipt of such excessive radioactive substances causes the death of the living, by stopping the metabolism of the receiver. The radioactive atoms already accepted, assimilated, is disintegrating, as its duration, the decomposition of radiation, emitted by them, declines in a defined, its activity is measurable and then concludes by time since the death of the individual. This method is quite controllable and it is even more true. Thus, the carbon 14 test with the cork of a sequoia of some 3000 years of age has its timing, this result was checked by counting the rings of the years presented by the tree, the two values have difference of only 10%. Therefore, this method is more precise and accurate estimates that all prehistoric or geological. The highly positive results

have made a whole series of these latest estimates were subject to the control of radiological test. For our subject, only two of those estimates are of particular interest, as follows.

It was possible to determine with any precision the date of the last advance of glaciers in the west and east of the Atlantic. In the U.S., the State of Wisconsin, District Two Creeks of the last advance of glaciers smashed a pine forest, knocking down the trunks of trees and leaving them on the path towards expansion of the glacier, with the crown pointing toward southwest. Then overtook the change of climate, the ice melted and the left shows the pine devastated. For the test with carbon 14, the American naturalist Willard Frank Libby determined that this event occurred 11,000 years and not 25,000 years ago, as previous estimates.

The date established by Libby is the time around 9050 BC It follows that in North America the last advance of glaciers occurred before disaster Atlantic.

A forest of birch, in Europe, had the same fate suffered by the pine forest in Two Creeks. For this event, Libby found a range of 10,800 years back, this result is the date of 9050 BC and gives fully with the timing of the destruction of pine forest in Wisconsin.

The test blocks of peat and mud, taken from lakes in England, from the glaciers and to capture the waters of melting, gave the value of range of 10,831 and with mud from glacier in Iceland in 11,310 years, these results also confer with that obtained for the Wisconsin, USA. Taking the average of these values, it is approximately 11,000 years. Therefore, the end of the Quaternary must have occurred after the last advance of glaciers on both sides of the Atlantic. Although this finding contradicted the official opinions until now in force, and fully confirms the date of the disaster Atlantic, set in the year 8498 BC

Libby also performed tests with post-glacial remnants. Assumed that the timing is correct, they should give a value below the range of $8498 + 1950 = 10,500$ years approximately.

So let's test the result of research conducted by Libby. In 1927 was found an arrow tip of strangely striated, and near the remains of a buffalo. This finding was made near Folsom, New Mexico, USA. Other tips roof of the same type, with identical bones of buffalo were found in various regions of the USA., Were regarded as remnants of the "Man of Folsom, the so-called" early man of America "- primitive man of America. These findings by Folsom, made in Texas, some bones of buffalo, calcined, were examined by Libby, the test determined the age at 9883 years and this, again, gives the past.

Once more, there was yet another confirmation. In one of the caves in the State of Oregon, USA., Collapsed many years ago, L. S. Cressman, University of Oregon, found a deposit of some 200 pairs of sandals, made of vegetable fiber and in very good state of repair, the labor force caused by species, for their high quality. Libby determined the age of sandals as of 9035 years. Calcined bones of animals and horses, sloth, found with pieces of artifacts, proved that, since more than nine millennia ago, man has lived in the Strait of Magellan.

It was then the man from home after diluvial that after the change of climate, came to populate the earth once frozen. In Central America, in warmer areas, spared by frost, were found traces of man antediluvial. In the periphery of a region once wetland, near Tepexpán in Mexico, which today serves as a bull-fighting ring, were found fossilized remains of a primitive man, alongside bones of a species of elephant, now extinct. Helmut de Terra tested these findings and determined the age of the stratum as 11,000

to 12,000 years. Some samples of peat, withdrawn from the region were subjected to Libby, who set their age at 11,300 years, confirming the previous corresponding datings. Libby also tested charcoal, a stove found in the cave near Lascaux, France, under the famous cave paintings of the era of glaciation, the test showed 15,516 years.

The following table gives the summary of test values:

Charcoal, the cave of Lascaux, France ..	15,516
Sludge from glacier, Iceland	11,310
TurtadeTepexpán, Mexico	11300
Advancing glaciers of the last, on average ...	11000 Quaternary
Pine for TwoCreeks, Wisconsin, USA	11,000
Wood of birch, Northern Europe	10,800
Blocosde peat, England	10831
Bones of buffalo, found in Folsom, USA	9,883
Findings of sandals, Oregon, USA	9035 quinquénario
Findings of bone, Patagonia	9,000

The table above allows us to determine with accuracy the date of that disaster that ended the Quaternary and opened the quinquénario. Magna that date must be between the last advance of glaciers and the first time guaranteed, postglacial, so it should be at most 11,000 and at least 9,883 years ago, possibly in the middle of that range, the average value would be 10,440 years ago, with a tolerance of 560 years plus or minus. This value corresponds to the date of the disaster, as follows: 110,440 minus 1,950 = 8490 BC (Gregorian date)

Also, with this the start date of the Mayan calendar reveals its identity with inofismável the time of the disaster, inaugurating the quinquénario.

However, the findings confirm yet another American thing. Supposed that the man of Folsom that the second test of Libby, lived for more than nine millennia ago and manufacturing the sandals, of which the caves of Oregon found a stock of 200 pairs, he was practical in that branch of manufacture until able to manufacture in series. So this proves that, long before the origin of the early post-glacial populations of the Sumerians, a civilization already existed elsewhere appreciable. The same should be true for the man in the timing of glaciations, a little older. Moreover, considering the fact that among the generations before and post-glacial was a tremendous cataclysm of destructive global effects, the finding of sandals should be interpreted as meaning that the man survived that disaster it still managed to save and keep a vestige of civilization, whose level is evidenced by this finding. This sequence of reasoning, it is the following conclusion: the older generations of earlier eras that disaster, which revolutionized the earth, and which fully met the conditions to develop its own civilization, should have achieved a level of progress and cultural development and higher than shown by several archaeological findings in question.

Thus the date established magna is fully guaranteed by the Science, as during the subsequent millennia history, more accessible to the scientific control, a few dates with certain security equal to that. The identity of the flood time, undoubtedly the end of the Quaternary catastrophic, with "A Day Zero" of the Mayan calendar, is established without a doubt, it does not discuss the legitimacy of that schedule.

Regarding the problem of Atlantis, that is what is the importance of the Mayan calendar and its control by radiological tests. For this reason that we know that we get from the prehistoric stones of temples deserts. The evidence clearly confirms the

narrative of the supposed Platonic legendary island, and their needs precisely those passages that most were put in doubt and say it as the center of a civilization far advanced, highly sophisticated, whose sinking was "8000 years before Solon, and is accompanied by earthquakes, macaréus rain and flood. The Book of Books, the myths and legends of many peoples, the sterile layer of mud diluvial, found under the remains of the first Sumerian civilization, all this comes to prove the authenticity of these results, we have just exposed.

Postscript Publisher The Prophet The dormecido

Valeria by an omission fail to mention, after this scientific argument, the "prophecies" of the "sleeping prophet" North American, the spiritual healer Edgar Cayce, who died in 1945, in Virginia, USA.

Between 1923 and 1944, in a state of trance, Cayce gave hundreds of interviews, which always hit the enigma of Atlantis, for these occasions he entered in connection with alleged that once people have lived there. Turning to you, or was aware of his statements, made in a state of trance, and were absolutely uninterested in it. In one of these "conferences", as used to draw their interviews, Cayce explained that Posêidia, thus referring to Atlantis, it would be one of the island complex of the waves again in the not too distant future. Charles Berlitz addressed these prophecies, commenting: "This strange archaeological prophecy was confirmed in some regions and even according to the plans by many findings in the sand banks of the Bahamas, where some buildings appeared, to the left shows the trip and the survey the ocean bottom. However, the case would be to ask if these findings were made according to the prophecies, or because of the prophecies, or because people, aware of the phenomenon Cayce, were searching for them, as happened with some commanders of aircraft, the first sights to those buildings or facilities submarine. "

Alleged that the conferences of Cayce and the legends of antiquity were based on real events, it would be possible to imagine forces, possibly generated by a pre-scientifically advanced civilization, which were still active in the regions where once were concentrated. Also, it can entertain the possibility of the electronic and magnetic anomalies, and of gravitation, in the Bermuda Triangle, representing a legacy, even negative, of a culture lost in time to the point of having almost no trace left of this and our souvenirs civilization before they were certain that the intuitive facts.

With this, Charles Berlitz, author of "The OF BERMUDA TRIANGLE", refers to other reports of Cayce, who mentioned in his lectures often mysterious energy sources, supposedly irradiated submerged the island, which he would be nuclear in nature and could be compared with laser and Maser of our present. Cayce described these energy sources and it has amazing detail, although his time there or even comparable energy sources. Often also remarkable, Cayce spoke to the inhabitants of Atlantis, the creators of those energy sources, they abused the point of losing their control, then just when to cause the destruction of peoples and the world they lived:

"... The man brought the destructive forces that then attach to the natural gas reserves, the natural forces and forms, caused the worst of all the eruptions, which rose up from the depths of the earth, in slow process of cooling and that part (Atlantis) now located in the vicinity of the Sargasso Sea was the first to sink into the sea ... "

In another conference, Cayce said the sinking of Atlantis civilization:

"... The use of solar energy, including to the radius, leading to the disintegration of the

atom, was therefore the destruction of the earth."

The fact in this book, he mentioned the name of a scientist who was not and did his statements on the Atlantic in state of full consciousness, but in a state of trance, is that the high concept that it enjoyed, due to their prophecies. It is a miracle that their reports on the submerged Atlantis were taken seriously, even in scientific circles, but which were received with some caution and reserve.

Additional Epilogue

Several of the theories raised by Otto H. Muck find confirmation in the book "the triangle of Bermuda," by Charles Berlitz. Thus, the latter author mentions that the vast areas, formerly continental and submarine today, were part of the Mediterranean regions, including the land bridge between Africa and Gibraltar, and between Sicily and Italy, large areas of the North Sea, the continental shelves of Ireland, France, Iberia and Africa, the submerged plateaus around the Azores, the Canary Islands and Madeira, the backbone of the Cape of San Vicente, the Azores, the dorsal-central Atlantic, continental shelves of the Americas North and South and especially the sand banks of the Bahamas that before were covered by the waters, occupying thousands of square kilometers of surface above sea level.

"There is abundant evidence, showing that over the last ten or twelve millennia these areas were above sea level. Therefore, a Soviet expedition, operating north of the Azores, then withdrew, a depth of more than 2,000 m, a block of rock, formed 17,000 years ago, under atmospheric pressure, a team of divers who in the nineteenth century, near the Azores, fixed a transatlantic cable, brought to the surface a piece of ta-quilita, vitrified lava, formed below sea level, atmospheric pressure. The age of these findings was found to be approximately 12,000 years".

Based on this and other results of research is reasonable to conclude that large areas in the vicinity of today's Azores Islands, were once above the waves of the Atlantic.

"Other discoveries made recently, seem to confirm the correct timing of the last flooding of vast areas in the Atlantic, giving the year of 11,000 BC, this also gives the date of the third glacial stage."

For exhibitions of Muck know that those details to give way to the remarkable story of Atlantis and the Platonic dialogue between Timeu and Criteria, speaking of a great continent, "nine thousand years ago, would have existed in the ocean outside.

According to Berlitz, there is clear evidence of a massive continental Caribbean Sea, whose peaks, coming on the waves, could be the Anti them. In this context, Berlitz mentions the results of surveys conducted by an expedition of the University of Duke in 1969 that examined the bed of the Caribbean Sea and took soil samples in various parts of the backbone of Birds, which extends along the east coast of the basin Venezuela, between Venezuela and the Virgin Islands. The samples of soil contained a granite and acid eruptive rocks. For these findings, Berlitz cites the statement of Dr. Bruce Heezens, a renowned oceanographer:

"Until now, the geologists admitted, generally, that light-colored granite rocks and erosive acid were found only in the continents and the earth crust, below sea level, the basalt was heavy, dark ... Therefore, the appearance of granite rock, shades of clear, might enhance the old theory that, in times past, there was a mass of land in the eastern Caribbean region and those rocks were the inside of a continent eperdido submerged.

Recently, Archeology introduced the technique of air photography in their research.

Thus, the platform of the Bahamas, where the shallow waters not have been discovered numerous traces of buildings submerged, Berlitz reports in this regard:

"In many parts of the sand banks of the Bahamas there are plenty of amazing large squares, rectangles, crosses, lines long, arranged in parallel road that eventually would have been, at times, continuing in right angle, sometimes in concentric circles, triangles, octagons and other geometric figures.

There is even a "sea wall" of each 9 m in height and 160 km long, which, near the mouth of the Rio Orinoco, the Venezuelan coast, get away, sea. At first glance, one would judge that it was of natural origin, however the track straight and his constitution ultimately invalidate this first impression. "

Of course, these findings on the platform of the Bahamas have also complicate the unmasking of the mystery of Atlantis. As it is in our knowledge, Plato, the most famous of all the commentators of Atlantis, the ancient, thought that the lost continent was located in front of the "Pillars of Hercules" in any part of the Atlantic Ocean, but more towards the Gibraltar. This idea seems to be in contradiction with the sub-ines discoveries made in the Bahamas platform and the east coast of Venezuela. However, there may be an explanation for this apparent contradiction, because rereading the Platonic narrative with due attention, there is the following passage:

"... In view of the mouth that you used to call the Pillars of Hercules there was an island, whose extent was greater than that of Asia and Libya combined, and from there, it was then possible to cross to the other islands, and those islands, for the whole continent, in front and around that sea, which the fair way, takes its name. "

In view of this, is not out of the question the supposition that Atlantis, although a large island, not a single island, but throughout a large archipelago, forming a bridge to the Americas. According to Berlitz, this huge empire, I would have done the island today's also the islands of Grand Bahamas and the Atlantic areas that today are of greater depth, more like the language of the Ocean (Tongue ofOceari) and the Straits of Florida.

"They formed an internal bay and a barrier in front of the coast of Florida who, at the time, was much greater extent, entering the ocean ... A glance at the current scale of depths in the Atlantic west clearly shows that if the sea level was lowered by 200 to 250 m, small islands in the Atlantic today would be much higher. And the fascinating idea of relating the rise of water, occurred 11,000 years ago, with the narrative of Plato. "

Recently took rejuvenate the debates around the theory that the Aegean is the right place to engage the search for Atlantis. Jacques-Ives Cousteau, the famous underwater explorer, focused their attention on the island of Santorim, Is the island of antiquity, to the north of Crete, within the cities. For years, the archaeological research converge on the region, where in 1967 a group formed by American scientists and Greeks, Santorim excavated, a city minóica, meanwhile identified as a center of civilization, dating from 1500 BC and clearly guided by Crete. Then also the question reappeared on Atlantis. At the time the issue was raised, still open, whether perhaps the enigmatic civilization minóica carriers, whose mysteries are still waiting for clarification, to the legendary inhabitants of Atlantis. Millennia before the creation of Greek temples, they have decorated their palaces with frescoes, now regarded as the impressionist style and dotavam us of ceramics of high artistic value.

The narrative of Plato, Atlantis located in front of the "Pillars of Hercules", or anywhere in the Atlantic Ocean, absolutely contradicts this thesis. Moreover, the signs do not give time of Plato with those pertaining to the destinations of Santorim, it was

found that some 3,500 years ago the eruption violentíssima of a powerful volcano in Santorim destroyed much of the island, which then was literally designed to air . This event marked the end of the tragic and sudden flourishing civilization minóica. Therefore, there is marked discrepancy between the dates of Atlantis and fatal Santorim, for which some researchers have tried a no convincing explanation. They said: Probably Solon, who brought the story of Atlantis in Egypt, would have confused the Egyptian word for "100" with "1000" and, thus, with the difference to less than zero for both the fateful years, and for the calculating the area of the island, in fact, would approximate values, defensible minóica for culture and the island empire of Atlantis (900 years before Solon, instead of 9,000 years, 200,000 km², instead of 2 million km² of surface). Thus, Plato, the great philosopher and statesman, and Solon, the great public men, are accused of an unspeakable negligence. Moreover, that has not been adequately explained the location of the island. But for both there is also a possibility, trying to find a common denominator for both assumptions.

"Perhaps Crete has been one of the eastern provinces of the empire and its civilization enigmatic Atlantis was only a legacy of the great culture of Atlantis?"

It is in the book "ATLANTIS" - Atlantis, researcher of the American A. Braghin, who dedicated all his life in search of the legendary submerged continent. After exhaustive studies of all the authentic sources and field searches, conducted by the author on the premises, Braghin concluded that, around 9550 BC, a cosmic cataclysm of global proportions, precisely this culture destroyed Atlantis and then deduced that:

"Probably the Cretan and Phoenician were part of the second migratory wave, from Atlantis ... For Homer says that Minos, the king of Crete, was a descendant of Deucalião (the hero of the deluge) and the beautiful old Europe ... According to sources "Europe" means "Daughter of the Country of Men of Red Skin" and this interpretation is the synonym of Greek Cretan - "Phoinix" - indicating the origin of an Atlantic country, or American. "

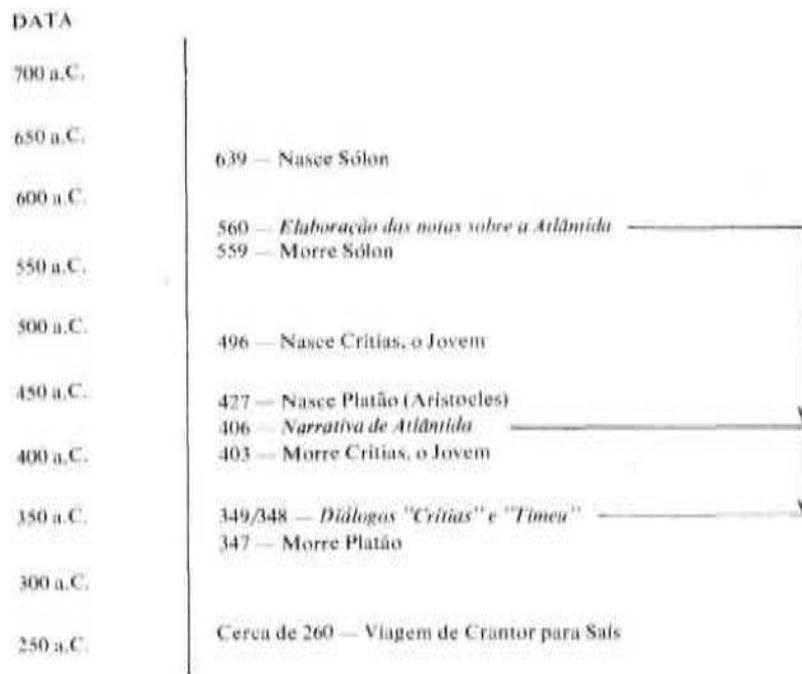
As already mentioned, in recent time, other researchers doubled their efforts to find tangible traces of the Atlantic submerged island empire of Atlantis. Moreover, it discovered an interesting quote here, discussed by some newspapers in order to make it competitor of Atlantis.

A group of internationally renowned oceanographers at the University of Miami, Florida, think he had discovered another continent submerged, based on tests of soil samples from the Atlantic bed in the range of 600 to 1000 m depth. His theory is based on the assumption, there are about 70 million years ago, an unknown continent in length have been inserted between the tectonic plates, then separated, Africa and America. At the time of emergence of the new continent, the Atlantic Ocean, led to the reciprocal removal of the plates of Africa and America, would not past the current size of the Red Sea. According to theory, millions of years later, this intermediary continent sank, swallowed by a bending in the ocean, going into the east-west, between Central Africa and Northern South America When in the opinion of geologists, the massive land, newly discovered, would have disappeared long before the mysterious continent of Atlan-taken have been populated.

This new theory presents as scientific evidence in its favor, among others, crystallized limestone, containing in addition to sea water, clear lines of rainwater, thus allowing the conclusion that the massive undersea rock recently discovered to have been once dry land above sea level. In addition, samples of soil also closed fossilized excrement of crabs, whose service life is of short duration. On that basis, the scientists are able to

calculate the time in which those lands were above the waves. Over centuries, the legendary empire of Atlantis gave rise to the launch of the assumptions estrambóticas more. As mentioned, the mysterious continent was located in several points possible and imaginable, presumably, would have been found in the Aegean Sea, Caspian Sea, even in the Sahara desert and the North Sea. For now, all these conjectures are merely the stage of theories, but lack of detailed explanations, such as the Otto H. Muck those provided on the theory of Atlantis, which he defended. Theodor Müller-Alfeld

CHRONOLOGICAL SEQUENCE OF narratives of Atlantic



QUADRO GENEALÓGICO



SEQÜÊNCIA CRONOLÓGICA DAS DIVERSAS CIVILIZAÇÕES

	12.000	11.000	10.000	9.000	8.000	7.000	6.000	5.000	4.000	3.000	2.000	1.000	- 0 +	1.000	2.000	
Quarto Período Geológico, Quaternário; Era Glacial: Diliúvio	Quinto Período Geológico, Quaternário: Alúvio															
Epi-glacial	Epi-glacial					Pós-Glacial			Clima Contemporâneo							
(4ª Etapa)	Época Yoldia		Época Ancylus		Época Litorina			Idades								
Paleolítico	Mesolítico					Neolítico			Bronze	Ferro	Média	Contemporânea				
Solutreano Tardenoisiano	Magdaleniano		Aziliano Maglemose		Proto-neolítico			Neolítico								
Atlântida	_____															
América Central	_____															
Europa	_____															
Egito	_____															
Mesopotâmia	_____															
Mediterrâneo	_____															
	Mítica			tolteca			asteca			euro-americana						
	megalítica					celto-germânica										
	a	b	c	d	e	f	g	Reino Antigo	Reino Médio	Reino Novo	Persas	Ptolomaios	Romanos	Árabes		
	a	b	c	d	e	f	g	Sumérios	Akkad Assírios	Babil.	Persas	Seleúcidas	Romanos e Partos	Árabes		
	a	b	c	d	e	mítica	minóica	aquéia	dório-jônica	domínios vários						