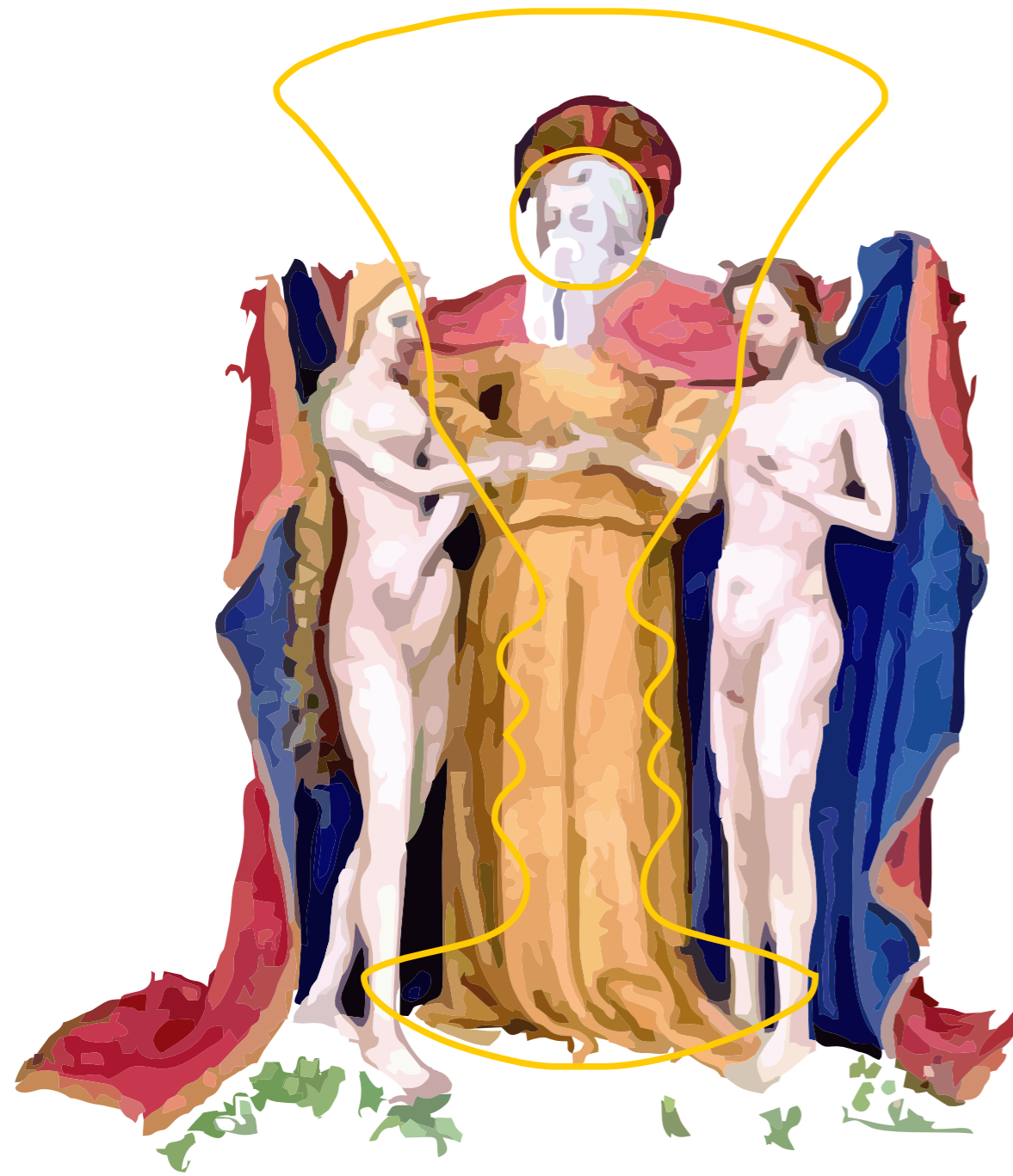


Irena Pangeršič

Holy grail, emergence of a new species through the Kelvin-Helmholtz instability



The Holy Grails celestial marriage

Irena Pangeršič

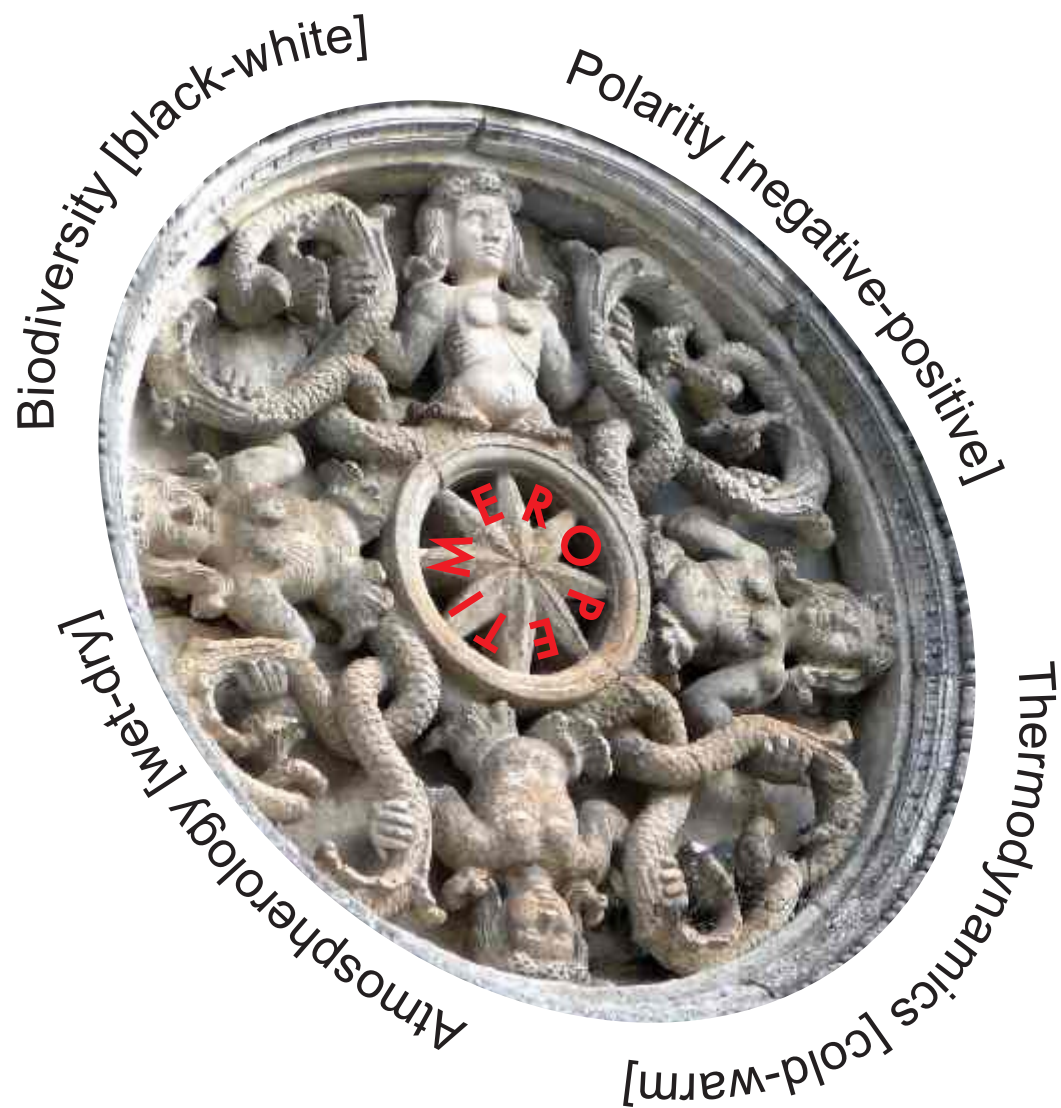
Holy grail, emergence of a new species through the Kelvin-Helmholtz instability



The Holy Grails Flame of Eternal Love

Irena Pangeršič Holy grail, emergence of a new species through the Kelvin-Helmholtz instability

# Holy grail, emergence of a new species through the Kelvin-Helmholtz instability



The human body as the last complex bio-natural fractal of the holographic universe, but at the same time sophisticated Homeostasis designed plan of the whole creation



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[pic.001]



*This is how we get the basic story which lead to the “big bang”: ... nuclear fission ... when each of us lost the love of their lives ... And ... nuclear fusion ... when we once again regain the trust of the Creator, he will enable us to find the love of our life again ... and before we return home, where are origins are, our last test shall be: “two who live as one”, i.e. the so called celestial marriage which is also discussed in The Revelation.*

*Irena Pangeršič, 2013*



FOREWORD

From Plato through myth [1], with Sol Luckman<sup>1</sup> [2] through science and with Alex Grey through contemplation of art



[pic.002]

Plato mentioned this particular state 2,500 years ago: ... »And when one of them meets with his other half, the actual half of himself ... if this is what you desire, I

---

<sup>1</sup> From »Historical & Scientific Overview of Enlightenment« By Sol Luckman [»DNA MONTHLY« October 2006 (Vol. 2, No. 9)]

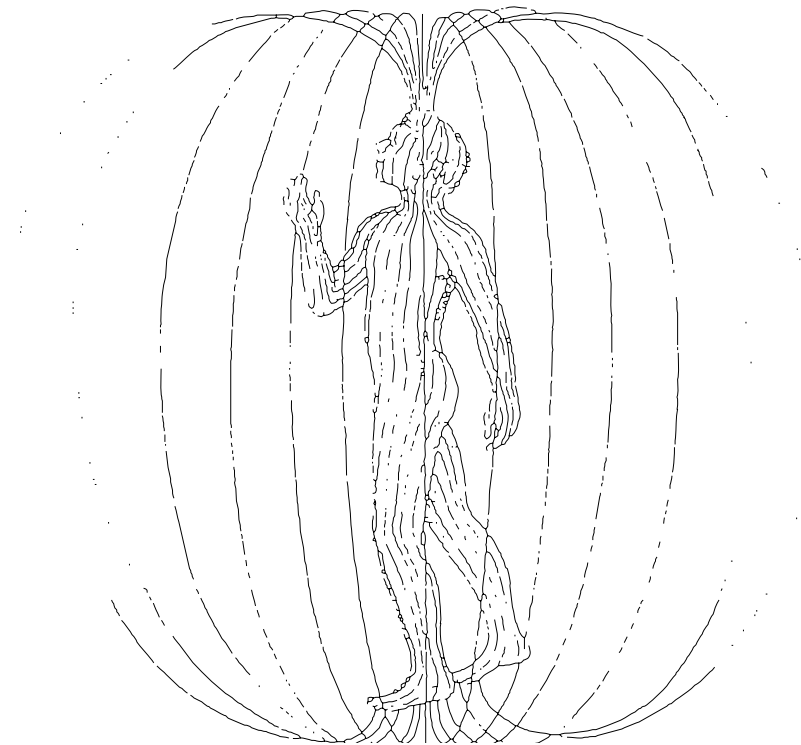
am ready to melt and fuse you together, so that being two you shall become one, and while you live live a common life as if you were a single man ... this meeting and melting into one another, this becoming one instead of two, was the very expression of his ancient need ... and the reason is that human nature was originally one and we were a whole, and the desire and pursuit of the whole is called love. There was a time, I say, when we were one, but now because of the wickedness of mankind God has dispersed us ... for if we are friends of God and at peace with him we shall find our own true loves, which rarely happens in this world at present ... each one returning to his primeval nature had his original true love, then our race would be happy ... we must praise the god Love, who is our greatest benefactor, both leading us in this life back to our own nature, and giving us high hopes for the future, for he promises that if we are pious, he will restore us to our original state, and heal us and make us happy and blessed« ... [1]



[pic.003] *Holy grail, emergence of a new species*

»Many indigenous traditions of Mesoamerica believe that [Source] emits a frequency or tone known as 'Ge' that not only heals the Body-Mind-Spirit but

provides immortality," write the Weinholds, adding that the spiritual practices used in the ancient mystery schools of Egypt and Greece employed a variety of ... vibrational tools to attune people's DNA to Source. This caused the DNA to ring, sing or vibrate so that it resonated with the tone of Ge--the frequency of Galactic Center. This attunement activated a San Graal or Song Grail--a "love song in the blood"--creating a rainbow bridge that synchronized an initiate's consciousness with Source. This love song energetically united Heaven (Galactic Center) with Earth (initiates), opening human hearts and pumping crystallized Ge-tuned blood through their bodies. From this perspective, "Ge-sus" is a Master Being sent from Tula or Galactic Center to help humanity attune its DNA to the frequency of Ge so that we can return to Source.« [2]



[pic.004] Electromagnetic Field of the Heart is »Human torus spaceship«<sup>2</sup>

<sup>2</sup> Each Phi spiral is actually a series of pure sine waves. This principle is called the Fourier principle. The Phi spiral is constructed from a series of harmonics with wavelengths that comply with the Golden Mean version of the Fibonacci sequence:

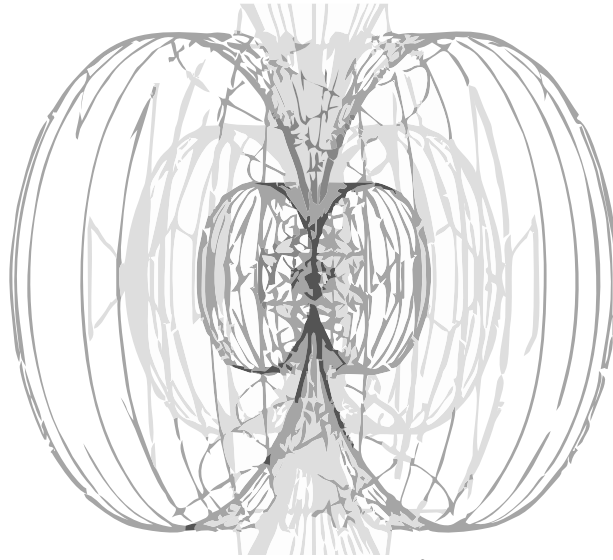
$1/\Phi$	1	$\Phi$	$\Phi^2$	$\Phi^3$
0.61803	1.00000	1.61803	2.61803	4.23606

$\Phi = 1.618033988749894848204586834365638117720309180$

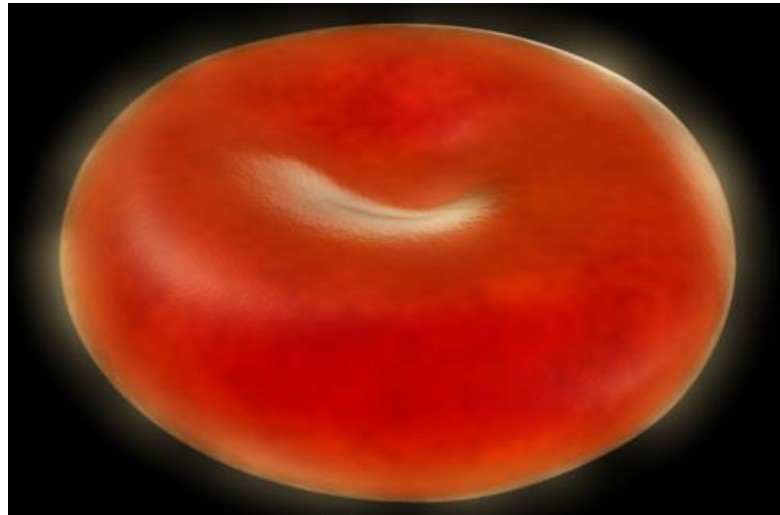
The Phi spiral can re-enter itself around the torus shape without destroying itself. So the Phi spiral is the universe's only possible way to nest and become self-organizing. This is how stable matter can be formed from electromagnetic energy as a form of pure wave interference.

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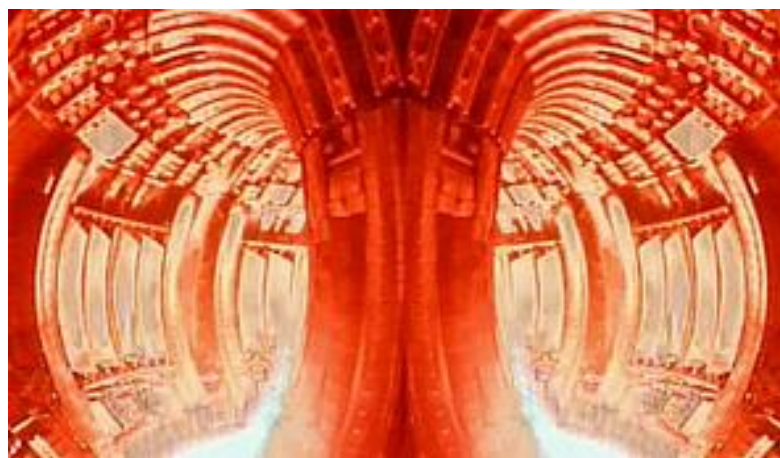
<http://www.truth-revelations.com/?p=217>



[pic.005] *The Golden Man spirals of the torus shape*



[pic.006] *Blood torus*



[pic.007] *Stars are lit up by the most powerful form of energy generation known – nuclear fusion, first turning hydrogen into helium*

»In a nearly identical vein, Leonard Horowitz in *DNA: Pirates of the Sacred Spiral* writes that "DNA seems to be transmitting the equivalent of heavenly love songs. From this music, played through genetic equipment, variations in sacred geometric forms materialize in space."« [2]

»The profound and numerous connections between the Egyptian Osiris and Jesus have been noted by generations of scholars. Among many other similarities, both are linked to the Phoenix or Heron, represented in hieroglyphics coming from Galactic Center, also (as indicated in the above quote by the Weinholds) called *Tula*, carrying the key of life.« [2]

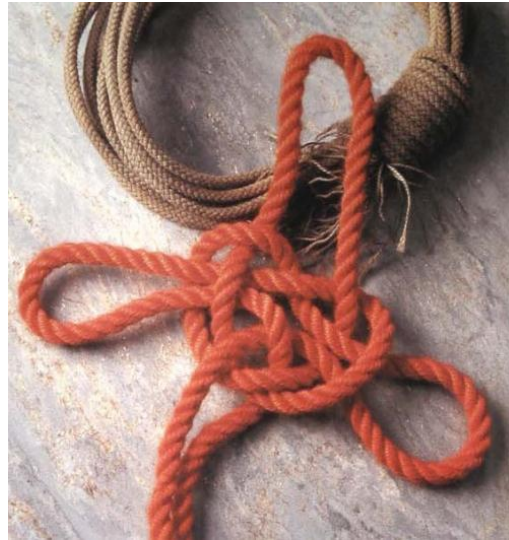


[pic.008] Ankh, The key of fortune & life and [pic.009] Tyet, resembles an Ankh

»In Egyptian hieroglyphics this key appears as an *ankh*, which may have been a type of actual tuning fork for harmonizing with Galactic Center, or may have merely symbolized techniques for producing this celestial harmonization. In either case, the ankh or key of life is of a musical nature and designed to be employed along with a type of inspired (and inspiring) speech known as the Language of the Birds. This powerful combination, properly performed, keys DNA to build the Holy Grail or lightbody.« [2]

»The Language of the Birds, according to the Weinholds who cite Henry's research, "is a vowel-only phonetic code ... Genetic and linguistic research indicates that the five vowels correspond to the five letters used to represent DNA and RNA ... Initiates of the Language of the Birds who are able to speak or tone these vowels in certain ways know that these sounds permanently activate the DNA of all those who are able and willing to hear."« [2]

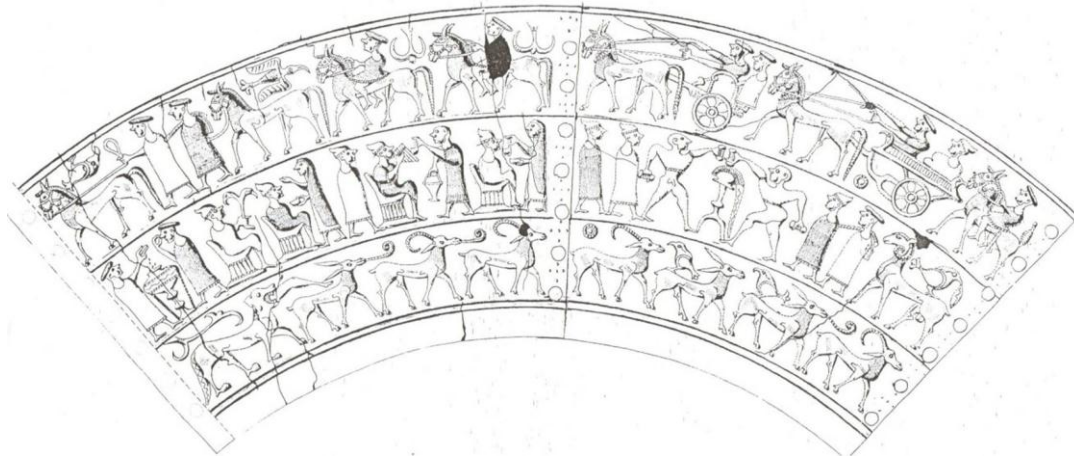




Knots of time: [[pic.010] Knot of Fortune and [pic.011] Knot of Jury] - Girdle of Isis



*The Madonna and Child with St. John the Baptist and Mary Magdalene* 1510-15 Wood, 167 x 110 cm Museum du Louvre, Paris - Right, Mary Magdalene with Holy Grail and Girdle of Isis [Giovanni Battista Cima] [pic.012]



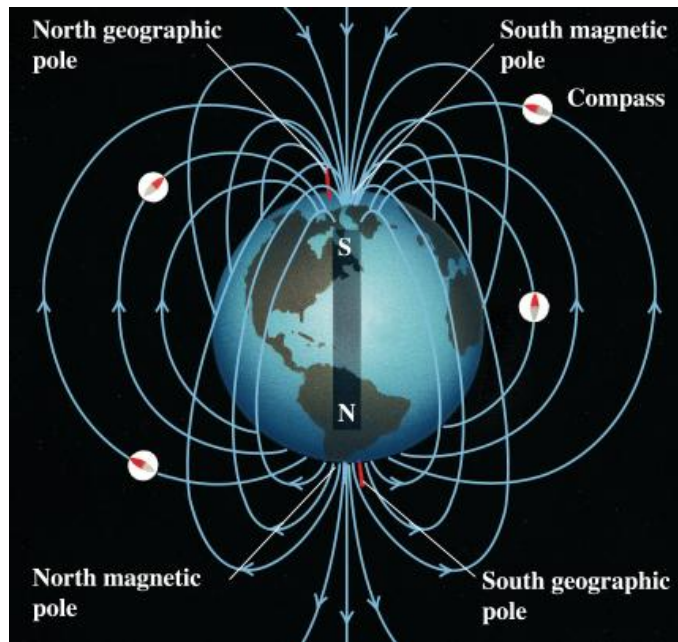
[pic.013] Recipe - How to Create Human Holy grail

»At the genetic level, such a radical activation, according to Kelleher's research in the mutable components of DNA called "jumping" DNA or transposons, occurs through a transposition burst involving the molecular rearrangement of perhaps thousands of genes. Consistent with Bruce Lipton's evidence that consciousness can alter genetic expression (*The Biology of Belief*) and David Wilcock's compelling model of spontaneous evolution that simultaneously transmutes both consciousness and biology ("*A Scientific Blueprint for Ascension*"), Kelleher insists that true enlightenment, in addition to being a mental state, appears to have *physical consequences*.« [2]

»The "appearance of a light body as a result of attaining enlightenment ... could be described as the emergence of a new species in a single generation from humanity," he writes, adding that a "synchronized, non random transposition burst is the most simple molecular mechanism to account for the required new configuration."« [2]

»While pointing out based on the historical literature that lightbody creation appears to occur only "in humans who have attained spiritual mastery," Kelleher emphasizes the existence of "stages on the road to ... enlightenment [that are] experienced by a great number of ordinary people." This supports the potential effectiveness of a step-by-step process, such as DNA activation, to bio-spiritual enlightenment in which transposons are incrementally stimulated in preparatory phases--culminating in a "synchronized, non random transposition burst" when, and only when, the individual is consciously prepared to experience it.« [2]

»In one apocryphal text known as the Pistis Sophia, Jesus (considered a master of the Language of the Birds) discourses on the afterlife in terms that appear straight out of the Egyptian Book of the Dead. Henry calls this "the first lesson of the Mer-Ka-Ba mysticism." "You are to seek after the mysteries of the Light," Jesus is quoted as saying, "which purify the body and make it into refined light."« [2]



[pic.014] Earth's magnetic thorus field

»Later, Jesus describes the connection between our dimension and higher dimensions as operating "from within outwards"--a statement, according to Henry, that "refers to a transformation of consciousness that opens the door to other worlds." Similarly, in the Bible Jesus insists, The Kingdom of Heaven is within. Dr. Horowitz's meticulous research leads him to affirm the material truth of this assertion: "The bioacoustic and electromagnetic matrix through which the Holy Spirit flows is real. It's what animates your DNA [by transmitting] the Kingdom of Heaven to you, and through you, right now, on Earth as it is in Heaven."« [2]



[pic.015] CoSM Grail, ALEX GREY

## Homo sapiens sapiens as a time-space biological fractal

»Fractal geometry will make you see everything differently. There is danger in reading further. You risk the loss of your childhood vision of clouds, forests, flowers, galaxies, leaves, feathers, rocks, mountains, torrents of water, carpets, bricks, and much else besides. Never again will your interpretation of these things be quite the same.« Barnsley, Michael F., *Fractals Everywhere* Chapter I (p. 1) Academic Press, Inc. San Diego, California, USA. 1993; in Gaither [1]

Abstract: For us, nature is a multitude of phenomena that sometimes appear coincidental and chaotic, and to understand the entire reality, we use several scientific theories, philosophies and religious views that we observe and compare to our own mental models which mostly do not let us perceive the whole only as one reality and we are, when it comes to physical nature and dynamics, under the influence of scientific models that treat reality as a kind of machine, consisting of an unimaginable number of parts that influence each other under certain static and physical laws. The creation of a single, final theory that would explain the existence of all matter, energy and natural forces is getting closer today with the standardisation of quantum theory and general theory, or “the theory of everything”. However, despite the scientific progress and optimistic search of a scientific “theory of everything”, we increasingly feel that something is missing and it will stay missing until we try to form our view of life only on the basis of science. “We are, in fact, forced to accept scientific absolutes with unconditional trust – in a similar way that we accept religious beliefs. It is not possible to prove that speed of light is constant and unsurpassable any better that it is to prove the existence of God.” [2]. Thus, if we are finding out that sciences cannot offer all absolute truths that would guide us, and that religions are not all about superstition, we could find out that sciences and religions could complement each other. Religions consist of secrets that are inaccessible to science all the time, while sciences contain understanding that would remain secret any way. Furthermore, answers need to be sought also in the connection between physical structures of nature and creations of the human hand, in the conjunction of elements of social activities and processes.

Key words: biological fractals, operation of swarms, dimensions of space and time

The nature of the world, perceived with senses [sight, touch, taste, smell and hearing] is, in fact, unidentifiable and the “fundamental question is how, when and into what it changes, and why it sometimes does not. [...] The form therefore acts as a principle that organises [coordinates] disharmonies of opposites and disorder [...] the urban area, the spatial unit and at the same time the entire world – and here, space and time as fundamental concepts that influence our ways of understanding the existence of the world ...” Similarly to the geographer Dr. Andrej Černe, also the sociologist, Dr. Drago Kos determines: “it is practically impossible to cover all symbolic and semantic, essentially worldly dimensions of space. Three basic coordinates might suffice in geometry or geodesy, while the social space is much more curved and it is therefore more difficult to analyse. At the same time, space is also sensually and explicitly concrete, as well as abstract and conceptual. It can be generally available or totally exclusively closed, so to speak locked, it can be totally individualised or generically unspecific etc. In modern empirical and also theoretical tradition, this is a problem that exceeds the known methodological instruments” [3]. The still hidden nature is also presented in: The Gospel of Thomas, in own words of Jesus Christ: » '1' ... Whoever hears these words shall never taste death ... '3' ... the Kingdom of God is inside of you, and it is outside of you ... '77' ... Split a piece of wood, and I am there. Lift up the stone, and you will find Me there ... « [4]. A riddle on the true image of the nature of the world and its solution is actually equally exciting as the story about Rarg: 'A land so perfect that the sun never rose until it was absolutely sure that everyone was awake. Everybody was happy in Rarg until one day an astonishing discovery was made that was to change their lives. The Rargians discovered that they are just a dream' ... [5].

**Biologicistic society:** The inseparable addressing of social, natural, cultural and economic environment can be found in the so called biologicistic theories for which it is characteristic to contain factors and mechanisms which occur in biology and have a holistic view of reality. The thesis about society and the reflection of social activity in the common social, natural, cultural and economic environment as a living organism including basic and more complex forms, or as a super-organism, which develops in an organicistic and evolutionistic way, is presented by Spencer [6] as the founder of socio-biology, and Geddes [7] as a biologist and theorist and the father of modern city planning. Organicistic theories about the nature of society were already present in Plato’s Republic with the statement that the same laws apply to the individual and to society ... as written by MacDonald [8]. Identical theories are also written in the Manu holy books, namely that castes originated from different parts of the Creator’s body [9]. Organicists Lilienfeld [10] and Schäffler even tried to prove that society is in fact an organism, where they tried to find out how the nervous system corresponds with the government, the transport with the vascular system and which organ in the human society would correspond with individual organs in a live organism. J. K. Bluntschli [11] also agrees with their theory, claiming that the state lives as an organic formation or as a combination of legislation and politics, which operate reciprocally. Scientific research studies of organic state formations can also be studied according to the philosophy method and the method of historic facts, considering that the state as a moral organism is not a product of cold logic, as the legislation is not a collection of speculative opinions. [11]

**The State – homeostatic organism.** According to H. Spencer's theory, the state – as an organism – is homeostatic [12], which means that the change in one part triggers a change in other parts in order to keep the system in balance. It develops in a similar way as other organisms in evolution, i.e. from simple forms to more complex ones. The human society, however, is – as an organism – the most perfect evolutionary formation [13]. The concept of creation which operates as an organism is also adopted by Leonardo da Vinci, who is convinced that by knowing the function of the human organism we can apprehend and understand the operation of the entire universe. [14]. Even the condition to create an ideal society was already seen by Renaissance architects in the design of the ideal city, built according to the patterns and measurements of the human proportions, in order to ensure order and harmony [15] to the society through the ideal city structure. The Renaissance thought of the human organism as an ideal city is continued and researched by Patrick Geddes [7]. According to Geddes, the planning has to start with an analysis of real conditions in the region, with resources in the region and the human response to these resources, as well as an analysis of their complex consequences, shown in the cultural landscape. The analysis of real conditions before the actual plan was Geddes's motto. The region represented a basis for the renovation of the social and political life. With this, Geddes provided a substantive framework for the thinking of numerous other regional and other planners [16]. Following Geddes, further research of city structures is adopted and continued by Lewis Mumford whose thinking also influences Frank Lloyd Wright, who is – according to many – the founder of organic architecture and one of the most passionate defenders of regional planning.

**Organic planning.** As a new challenge and response, organic planning is supposed to set on its rails the current chaotic scenario, where urban planners are losing their last battles of a legitimate relationship towards spatial planning. Space should be planned and constructed on the basis of individual needs, individual findings and within a modern development which is not hostile to our natural and cultural heritage. Mumford also presents an argument about how and why these organic-society and space based formations are made: "Due to an increase of brain growth, which directly exceeded the human's direct functional needs, the human was capable of developing new organs outside his body, without being attached – as in other organic adjustments – to an infinite continuation of these organs. By remaining non-specified, man opened a thousand new ways for himself and for a further development." [17] "While other organisms only need as much past as they carry in their genetic codes, and only as much environment as is available, the real human capacity depends on their access to more distant events, those coming from memories or those projected into the future, as well as to more distant or inaccessible parts of the environment. When materialisation is created, it is not possible to achieve with direct efforts any equal quantity of experience within the limits of only one life." [17] "Organic planning does not start with a pre-designed intent; it develops and moves based on individual needs, individual opportunities, in a long line of adjustments that become more and more consistent and efficient, so that in the end they create a complicated final design of a sketch, which is hardly less uniform than the pre-designed geometric pattern." ... "Those who refuse organic plans as unworthy of their name, confuse pure

formalism and correctness with efficiency, and incorrectness with spiritual confusion or technical incompetence.” [17]

**Man – the original plan of creation.** Also the holistic-sophistic, philosophically oriented anthropocentric view places man in the centre of action. It gives him the role of honour, i.e. seeing man as a plan of everything that exists. Holy geometry or the original plan of creation can be found both in the golden cut as well as in the system of Mandelbrot’s [18] fractal and in holographic theory, according to which every part of the holograph contains all necessary information for the description of the overall state. Even Kabbalah comes close to Protagoras’s statement that man is the measure/measurement of all things and all processes, when it offers in its tree of life a holistic explanation of man as a microcosm in a macrocosm. Pantheism is not far behind, equating the Creator with the creation – here also the anthropocentric principle needs to be taken into account = man is not only the culmination of creation, but also its master. Still, despite man’s presence elsewhere than on Earth, anthropocentrists do not perceive themselves to be masters of the solar system or masters of the universe or the multiverse. The anthropocentric view on man as the master of creation, also adopted by Judaism, Christianity and Islam, can also be compared to the non-compliance of relativism in the sense of awareness that for our existence other forms of life are also important, and that social and mutual relations and the care for nature are not separate elements, considering they are co-dependent and as such reach the whole world within the concept of globalisation.

**Hypotheses.** HYPOTHESIS 1: The creativity of the geo- and bio environment of Nature operates as a workshop where social individuals are the co-creators who – with their social, cultural, and economic interventions in space – structuralistically co-create the developing dynamic supra-organism. HYPOTHESIS 2: The geo- and bio- natural structures on Earth with their cycles and development phases, complemented by collective and individualistic adjustments and co-creation of habitat coevolutionary structures, gradually change into more perfect and more sophisticated forms and readable multi-dimensional, and more and more time-concentrated and fragmented projections that allude to the organic evolutionary form of the dominant individual. HYPOTHESIS 3: The antagonistic and reductionistic approach and intervention into space which does not consider the holistic and synergic structurally interdisciplinary and potentially perspective procedures of planning, causes an effect of static and instable inner states that is reflected – in a combination of natural and social habitats – as a statistically critical deviation, where the union of all deviations can also be reflected as a total escalation and collapse of the systems that preserve us, enrich us and develop the past, present and futuristically oriented social and cultural development.

HYPOTHESIS 4: Different developmental, multi-dimensional interdisciplinarily shaped forms indicate in a semiotic way and with a conductor orientation the needs and efficiency of planning, which can only result prosperous with adjustments to an individual form, while at the same time the positivity of the first tradition is restored and, if needed, the energy of polarisation annihilation can be enriched and used. HYPOTHESIS 5: The synergy in the guidelines of spatial planning with the use of sophisticated structures of organic planning is the interdisciplinary connection of multilayer levels into a holistic whole, which protects multiculturalism and the habitat bio- and geo- diversity, while specialisations of

individual sciences are still implemented in their strict reductionism, which leads to an even more perfect understanding of the whole. PREVIOUS HYPOTHESES: The Earth is a living creature, a hypothesis supported already by numerous thinkers through all historic periods: Pythagoras, Democritus, Plato, Aristotle, Leonardo da Vinci, Descartes, the pioneer of modern time, Dr. James Ephraim Lovelock, and others.

**The Earth fractal and the Homo sapiens sapiens fractal.** Even the characteristic feature of the Homo sapiens sapiens fractal is shown in the infinite geometric complex structure, where a certain level of self-similarity is already detected, but not always equally expressed. In certain basics it is expressed as a real or physical fractal, in others as an exact or mathematic fractal. The difference between them is that self-similarity in mathematic fractals only exists on a truly small scale, which means that their fractal structure is expressed also when  $\varepsilon \rightarrow 0$ , while in real fractals this self-similarity finally ends with a big  $\varepsilon$ . There are a great number of real fractals in nature and some of the typical examples are listed here: mountain ranges, outlines of coasts, clouds, large rivers deltas, cities, network of blood vessels, the heartbeat, ferns, blades of grass, treetops, cauliflower, broccoli, etc. Of course, you will not be able to see self-similarity in these systems without imagination. It is much easier to notice this characteristic in mathematical systems that have fractal solutions for certain parameter values. These systems occur in social and political structures, whose peak is represented by the state homeostatic system where certain formations are already connecting into more highly developed formations that are more easily traceable as visually pure mathematical fractals. However, because the Earth fractal is – as the Homo sapiens sapiens fractal – a time-space fractal, it is also necessary to consider the deviation from the real formation due to the phase age factor [because not all homeostatic formations are completely shaped, this indicates a very early, actually fetal stage of development of the Homo sapiens sapiens.]

**Behavioural models.** A record of apparently complex behaviours of natural phenomena with the use of procedural models [computer programmes] which include actions and autonomous characteristics of virtual worlds – based on repetitive behaviours of birds – was presented by Craig Reynolds with his implementation of the *Boids* programme [based on 19, 20]. He presented movements on the basis of three basic rules: separation, alignment and cohesion. This kind of approach meant a great step forward in comparison to traditional techniques used in the film industry or, more precisely, in all types of computer animations in the 80s of the previous century. Prof. Dr. Forest Kenton “Ken” Musgrave (aka Doc Mojo) entered history with the construction of fractal planets, recreating with a fractal construction of virtual reality: multifractal terrain models, static erosion gradient fields, ontogenetic geometric atmospheric density, proceduralism [it abstracts copious detail into a compact set of instructions for its reproduction] and with the capability to explore these worlds interactively. A progress in the expansion of the basic Reynolds model is presented by Delgado-Mata [21] who expanded the basic model and included the consideration of the effects of fear, and by Hartman and Benes’s [22], whose model presents complementary forces in algorithm alignment, which they called “change of leadership” – a force that enables each agent to become the leading one and try to escape, etc. [based on 23]. Here we could look for a fractal connection of bio-



life with artificial intelligence, through the basis of which an interconnection between psychology, neurology, mathematics, logics and other sciences – with the purpose of making a machine that would imitate humans’ thinking, emotions and consciousness – was already conceived in the 40s of the previous century by John von Neumann [24] in his researches of advanced computer architectures with a foundation on parallel processing. He named these structures “cellular automata” [CA] – whose basic characteristic was its inner state that can be changed through discrete time steps by the cell, based on its own state in the previous step, and on states of its neighbouring cells in the previous step.

This type of behavioural models, called the CA can be compared – fractally speaking, seen through a time component – to the development of the red blood cell – the erythrocyte [i.e. a smaller version of the real physical fractal, the Homo sapiens sapiens], whose developmental phases are also based on the changing inner state, while these phases of the changing cell [aka cellular automata] act exactly in the opposite direction – from the most complex to the simplest inner state, also becoming smaller in each transformation [this is the degradation of size from 60  $\mu\text{m}$  to 6  $\mu\text{m}$ ]. And if we draw a parallel here with the development of the human race: could we therefore say that this is a degraded race of giant ancestors, whose achievements and capabilities were once something to be envied? This hypothesis can also be silently proved by giant architectural creations from around the world [25]:

- 200 ton blocks at Ollantaytambo and Ollantayparubo, Peru
- 100 to 200 ton foundation and wall blocks of Puma Punku, Tiahuanaco, Bolivia
- 340 ton 65 feet high standing stones of Brittany, France
- 2000 ton foundation stone, and 1000 ton 180 foot stones fitted 20 feet up in the building at the Temple of Jupiter, Baalbek, Lebanon
- 50 to 300 ton blocks of Sacsayhuamen, Peru, fitted precisely
- Walls 40 feet thick, Chan Chan, Peru
- Stone heads the size of a 7-storey building, on Easter Island
- 25 to 50 ton blocks at Stonehenge, England
- geometrically shaped blocks at El Enladrillado, Chile: 12 to 16 feet high, 20 to 30 feet long, and weighing several hundred tons
- 170 ton stone tomb on Tonga Tabu, Pacific Ocean
- 65 foot giant statues, at Thebes, Egypt
- Statue 18 stories high, Bamiyan, Afghanistan
- 20 ton blocks of Bosnia pyramids

And instead of looking for sophisticated and complicated ways how these architectural structures were built, it would be better to ask: Why would ‘little people’ of an average height of 6 feet make superhuman effort to build structures that could only be used by giants? As prophet Hadith says in 4:543 and 4:544 of the Narrated Abu Huraira [26], the first man, i.e. Adam, was 60 cubits tall – this is more than ten times the average height of the Homo sapiens sapiens today.

Fractally speaking:

- The range of erythropoiesis of the erythrocyte is from 60  $\mu\text{m}$  to 6  $\mu\text{m}$
- The maturation of the Homo sapiens sapiens according to Hadith's records is from 60 cubits to 6 feet [taking into account that a part in this unique developmental state can also be attributed to the creation of our only

satellite – the Moon – and its distance from Earth, which was not always the same as it is today ...]:

The fact that people of the past were of immanent size, and were eventually degraded both in their figure as in their strength, is present in myths and archaeological findings around the world. The giants were always the topic of discussion in ancient records:: Numbers 13,32-33 [27]; Judith 16,7 [28]; Wisdom of Solomon 14,6 [28]; Sirach 16,7 [28]; 3 Maccabees 2,4 [29]; 2 Samuel 21,20 [28]; Chilam Balam Of Chumayel [30]; 1 Baruch 3, 26 [28]; Plutarch's parallel lives: Theseus 36 [31]; I.Herodotus 68 [32]; II.Herodotus 155 [33]; III.Herodotus 82 [34]; Flavius Josephus Book I, Ch 3, 1 [35]; Flavius Josephus Book I, Ch 9 [35]; Flavius Josephus Book III, Ch 14, 2 [35]; Flavius Josephus Book V, Ch 2, 3 [35]; Flavius Josephus Book VII, Ch 4, 1 [35]; Flavius Josephus Book VII, Ch 12, 1-2 [35]; ...

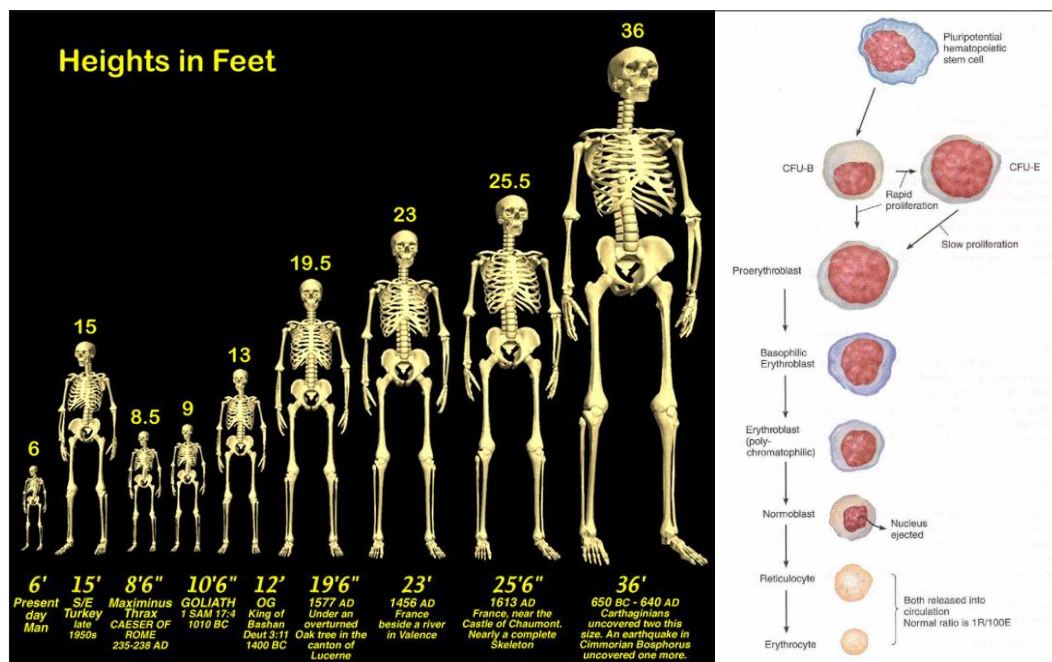


Table 1: Very first people of immense stature later degenerated in size and vigour + Erythropoiesis

Some cultures count with more than five previous worlds. For example, we learn from a Hebrew tradition called 'Shmi Tot' [36] that each of the previous worlds was destroyed in a cataclysm. The Jews believe that the world exists in cycles and each ending of a cycle is considered as a transformation. A Jewish legend tells:

»Nor is this world inhabited by man the first of things earthly created by God. He made several worlds before ours, but He destroyed them all, because He was pleased with none until He created ours. But even this last world would have had no permanence, if God had executed His original plan of ruling it according to the principle of strict justice. It was only when He saw that justice by itself would undermine the world that He associated mercy with justice, and made them to rule jointly.« [36]

'Shmi Tot' [36] states that Noah's great-great grandfather Enoch, who lived before the great Flood, actually lived in the seventh creation of this world and that today's eighth creation can become perfect even without a cataclysmic demolition if the entire community proves to be worthy of this in front of the Creator. With a fractal parallel we can once again relate to the developmental groups of the erythrocyte: even the 8<sup>th</sup> developmental stage [i.e. the reticulocyte], similarly to the red blood cell – the erythrocyte – does not have a nucleus, but is still not perfect and approximately 1% of these can already circulate in peripheral blood. The fractal erythrocyte goes through 8 stages of development in its maturation from 60 μm to 6 μm, to reach perfection only at the 9th stage. [1. The pluripotent stem cell, 2. The multipotent stem cell of myeloid lineage, 3. The directed stem cells of erythroblast lineage, 4. Pronormoblast, 5. Basophilic normoblast, 5. Polychromatic normoblast, 6. Orthochromatic normoblast, 8. Reticulocyte and 9. Erythrocyte] [Table 1],... and how this perfection can be seen in our world ... is presented by the Coptic Gospel of Thomas '18', in Jesus's own words: [4]: ... »When you make the two one, and when you make the inside like the outside and the outside like the inside, and the above like the below, and when you make the male and the female one and the same, so that the male not be male nor the female female; and when you fashion eyes in the place of an eye, and a hand in place of a hand, and a foot in place of a foot, and a likeness in place of a likeness; then will you enter [the Kingdom]« ...

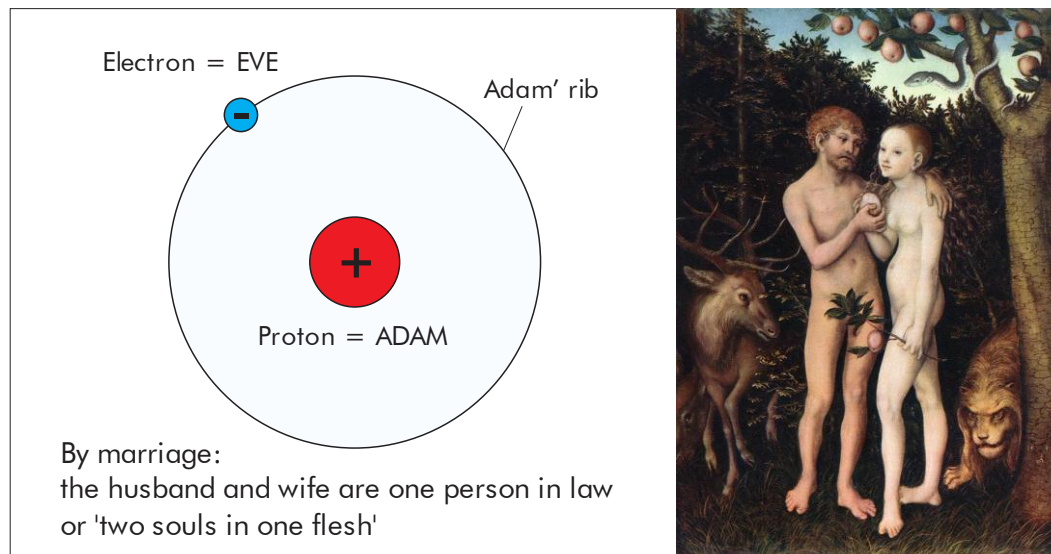


Table 2: First Matryoshka fractal: Hydrogen atom - Eve was created from Adam's rib [the rib is in Hebrew called "CELA" (cell structure); <http://www.studyilight.org/lex/heb/view.cgi?number=06763>]

In order to understand the meaning of these words, we have to know the fractal rate that is smaller than the erythrocyte ... the hydrogen atom ... ἄτομος : átomos – meaning indivisible. The hydrogen element which is composed of one proton [+] and one electron [-] is basically only one indivisible unit [Table 2] which is represented on a higher fractal level by the erythrocyte, in which the cytoplasm [-] and the nucleus [+] can no longer be defined.

This is how we get the basic story which lead to the "big bang": ... nuclear fission ...when each of us lost the love of their lives ... And ... nuclear fusion ... when we once again regain the trust of the Creator, he will enable us to find the love of our life again ... and before we return home, where are origins are, our last test shall be: "two who live as one", i.e. the so called celestial marriage which is also discussed in The Revelation.

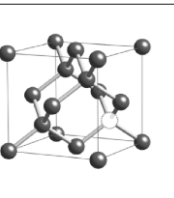
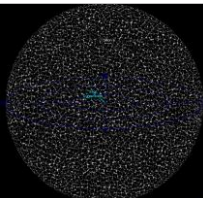
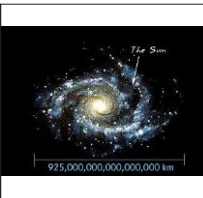



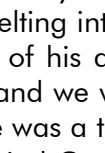


				
Eighth Matryoshka doll: "Bubble universes"	Seventh Matryoshka doll: Observable Universe	Sixth Matryoshka doll: Milky way galaxy	Fifth Matryoshka doll: Our solar system	Fourth Matryoshka doll: Earth
				
				Third Matryoshka doll: Homo sapiens sapiens
				
				Second Matryoshka doll: Erythrocyte
				
				First Matryoshka doll: Hydrogen atom

Table 3: The "matryoshka principle" is also an example of Mise-en-abyme - the onion metaphor for a self-similar.

Plato mentioned this particular state 2,500 years ago: ... »And when one of them meets with his other half, the actual half of himself ... if this is what you desire, I am ready to melt and fuse you together, so that being two you shall become one, and while you live live a common life as if you were a single man ... this meeting and melting into one another, this becoming one instead of two, was the very expression of his ancient need ... and the reason is that human nature was originally one and we were a whole, and the desire and pursuit of the whole is called love. There was a time, I say, when we were one, but now because of the wickedness of mankind God has dispersed us ... for if we are friends of God and at peace with him we shall find our own true loves, which rarely happens in this world at present ... each one returning to his primeval nature had his original true love, then our race would be happy ... we must praise the god Love, who is our greatest benefactor, both leading us in this life back to our own nature, and giving us high hopes for the future, for he promises that if we are pious, he will restore us to our original state, and heal us and make us happy and blessed« ... [37]





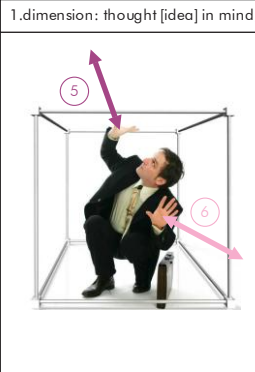
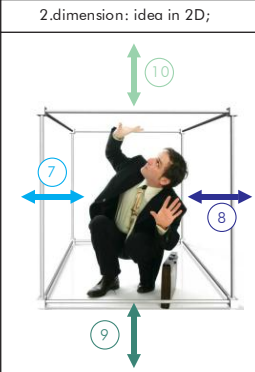
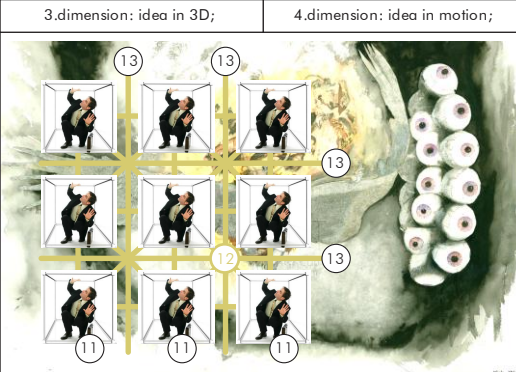
			
1.dimension: thought [idea] in mind;	2.dimension: idea in 2D;	3.dimension: idea in 3D;	4.dimension: idea in motion;
			
5.dimension: thought in future; 6.dimension: thought in past;	7.dimension: nature; 8.dimension: built structures; 9.dimension: home celestial body; 10.dimension: other celestial bodies;	11.dimension: parallelity; 12.dimension: net or multiple circle singularity; 13.dimension: white hole point singularity	

Table 4: Thirteen dimensional controlled growth of time-space bio fractals - in each higher dimension we see more

**Dimensions and time-space structural connection.** The explanation that enables such establishment of a time-space Homo sapiens sapiens fractal can, in fact, be sought in the always unfinished “symphony” of understanding the one that holds everything together, i.e. the force that obviously controls growth, diversification and complexity of such a system.

The dimensions in this case will be called “the eyes<sup>3</sup>” [or thirteen »Oc« as Chilam Balam Of Chumayel calls them in his prophecy<sup>4</sup>] [30], since every additional dimension enables a new perspective, which enables us to “see more” than in the previous, lower one. Here, we shall not forget about Witten’s analysis which showed that the universe, according to the M-theory, has 11 dimensions which,

<sup>3</sup> Eyes or individual dimensions – i.e. the 13 dimensions of time and space

<sup>4</sup> Thus it was recorded <by> the first sage, Melchise<dek>, the first prophet, Napuc Tun, the priest, the first priest. This is a song of how the *uinal* came to be created before the creation of the world. Then he began to march by his own effort alone. Then said his maternal grandmother, then said his maternal aunt, then said his paternal grandmother, then said his sister-in-law: "What shall we say when we see man on the road?" These were their words as they marched along, when there was no man <as yet>. Then they arrived there in the east and began to speak. "Who has passed here? Here are footprints. Measure it off with your foot." So spoke the mistress of the world. Then he measured the footstep of our Lord, God the Father. This was the reason it was called counting off the whole earth, *lahca* (12) Oc. This was the count, after it had been created by 13 Oc, after his feet were joined evenly, after they had departed there in the east. Then he spoke its name when the day had no name, after he had marched along with his maternal grandmother, his maternal aunt, his paternal grandmother and his sister-in-law. The *uinal* was created, the day, as it was called, was created, heaven and earth were created, the stairway of water, the earth, rocks and trees; the things of the sea and the things of the land were created.

unfortunately, no one has yet seen [38], especially because our understanding of theory is so incomplete that nobody knows whether the story ends here, or if the theory is actually correct and this shall be the last Russian babushka, or if all this is composed of even smaller parts [Table 3].

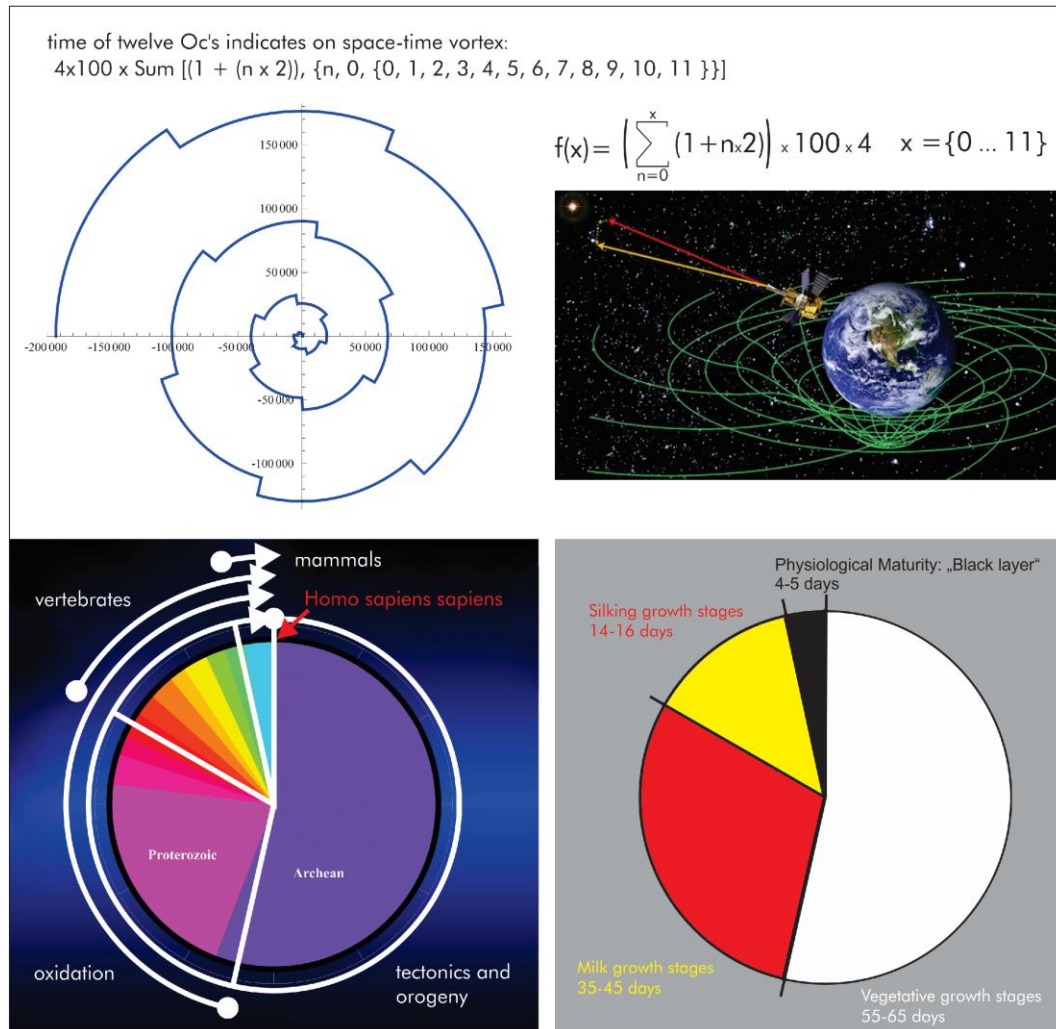


Table: 5: Time and space of twelve Oc's of Chilam Balam Of Chumayel And Popol Vuh presentation: Yugas and Corn Growth Stage Development = Homo sapiens sapiens Growth Stage Development

Today's scientists, in fact, do not have any definite ideas to explain what ultramicroscopic elements of time and space actually are [38]. Therefore, let us look at this through the eyes of the architect and/or civil engineer [Table 4].

The comparative fractal time component of Homo sapiens sapiens's creation is given to us by Popol Vuh, who revealed the secret that 'the human matures like corn'<sup>5</sup> [Table 5].

<sup>5</sup> Corn matures approximately for 120 days = the life span of erythrocytes is approximately = 120 days = the years of man [Biblija, Genesis 6,3] [28]; And He said 'My spirit shall not always abide on man; for they also are flesh and their days shall be one hundred and twenty years'. [The Book of Jubilees 5, 8-9] [28]

**The state of development of the Earth – Gaia, as a greater and more complexly readable fractal of the Homo sapiens sapiens organism.**

On the basis of methodology that represents the Homo sapiens sapiens evolutionary constants as a plan of creation, in the geological development of Earth and in the world politic consolidation there are currently already readable structures and systems. In the last minute – after the appearance of the human’s presence on Earth [seen through a geological division of planet Earth’s development in 24 hours], these have shaped, with fights, conquests, subjugations and finally today also with a peaceful consensus, into a real and visually readable humanoid hermaphrodite organism that currently consists of: [1] the endocrine system of six glands: the hypophysis, the thyroid, the right adrenal gland, the salivary gland, the reproductive gland, gland hormones and some tissue hormones; [2] the digestive organs: the oral cavity, the esophagus, the stomach, the colon, the cecum, the small intestine, the anal canal, the liver, the gall bladder, the pancreas; [3] the respiratory organs: the throat, the trachea, the lungs, the diaphragm and the vocal cords; [4] the skeleton: the spine, the chest, the skeleton of the upper limb, the pelvis and the skeleton of the lower limb, the cranial bones; [5] the circulatory system: the heart [Table 6], the aorta, the vena cava, the arteries and the veins; [6] the nervous system: the cerebrum, the cerebellum, the spinal cord; [7] the lymphatic system and spleen; [8] amino acids: 51 amino acids of insulin, 8 essential amino acids and 12 non-essential amino acids; [9] the urinary system: the kidneys, the bladder and the left adrenal gland; [10] the developed sex organs of both genders; the male reproductive organs: the testicle, the scrotum, the seminal duct, the penis and the prostate with semen; the female reproductive organs: the womb, the ovary with the oviduct, the vagina; [11] the skeletal muscle: head muscles, neck muscles, body muscles, lower limb muscles, upper limb muscles; smooth muscles, heart muscles, circular muscles; [12] the fetal development: the yellow body and the placenta – contemporary presence of the yellow body and the placenta, and the development up to the point described above ... indicates the age of the organism, i.e. the 12-week old fetus.

**Methodology – Evolutionary constants of the Homo sapiens sapiens;** they are cultural-evolutionary genetic replicators called “MEMs” which are passed on from generation to generation, and from one place to another with a written and oral word, by personal example and other types of influences [adapted from Popper, K. in Dawkins 39]. The latter practically represent 24 karyotypes in our genes. Space through time and the development of the organism through time defines 22 constants + the XX or XY gene in its development to determine the sex – i.e. a total 24 constants. To explain the concept of urban, in fact, we must first define the space with characteristics that define it in its geographical infinity with all geomorphic changes, as well as with space that has limits and defines the settlement area. It is the changeability of both of them together that defines the unrepeatable cultural landscape in the final stage. When searching for the meaning of the settlement area, Dr. Alenka Fikfak [40] presents 20 evolutionary constants that ensure the system of stability: 1. SPATIAL: terrain, water, light, climate, vegetation, population, construction; 2. TECHNOLOGICAL: technology; 3. ECONOMIC: infrastructure, links, market, activities; 4. SOCIAL: demography, culture; 5. SOCIO-POLITICAL: socio-political framework, normative and administrative criteria; 6. ECOLOGICAL: environment protection; 7. CULTURAL

AND ESTHETIC: the influence of the environment, the style of buildings, shapes of houses and cultures. To enable a methodological determination of urban space measures, the 20 already defined constants should be completed with 8. EVOLUTIONARY-CONCEPTUAL CONSTANT, i.e.: The conceptualisation of space organisation – anthropomorphic personification of the ‘animus’; Sampling of spatial organisation – anthropomorphic personification of the ‘anima’, and as the last genetic evolutionary replicator constant that determines our “pole” or orientation, there is the 9. NUCLEATION – DISPERSION CONSTANT which defines the gender of the location’s spirit, “genius loci”, i.e.: Nucleation – the ‘genius loci’ determines the XY chromosome constant of the space; Dispersion – the ‘genius loci’ determines the XX chromosome constant of the space.

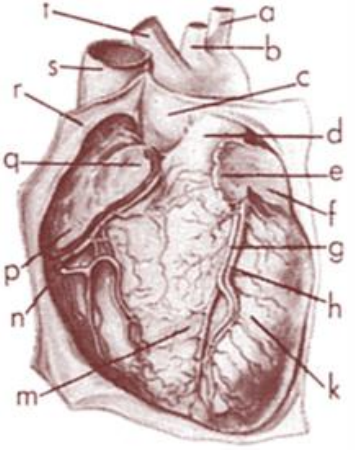

HUMAN HEART	EARTH HEART [Middle east]
	
<p>[m] - right ventricle; [k] - left ventricle                  [p] - right atrium; [f] - left atrium;                  [s] - Aorta</p>	<p>[Saudi Arabia] - right ventricle; [Iran] - left ventricle                  [Egypt] - right atrium; [Turkey] - left atrium;                  [river Nil] - Aorta</p>

Table 6: Fractality - Human and Earth heart

**Conclusion.** Ethics and morality meant the same thing in the past: a residence, a habit, a custom and character. Today we could call it a responsible use of the environment, space, sources and values. However, the empirical analysis of economic, social and environmental development characteristics of European countries reveals that the existing development trends are non-sustainable and are moving away from the set strategic goals. Due to favouritism of quantity indicators of generalised scientific research criteria, the holistic approach – encompassing the understanding of relations of everything towards everything through elements of art, aesthetics, quality, technical perfection, culture and ecological awareness – is being neglected. The influence of the crisis in one sector is spreading into other sectors, and the crisis of one country is spreading into other countries. In theory and in praxis we come across the fact that the world is a homogeneous whole, whose connection should be built on diversity and cultural and historical achievements of all nations across the world.

Translated by Brina Bešković Hrastar, University graduate in translation

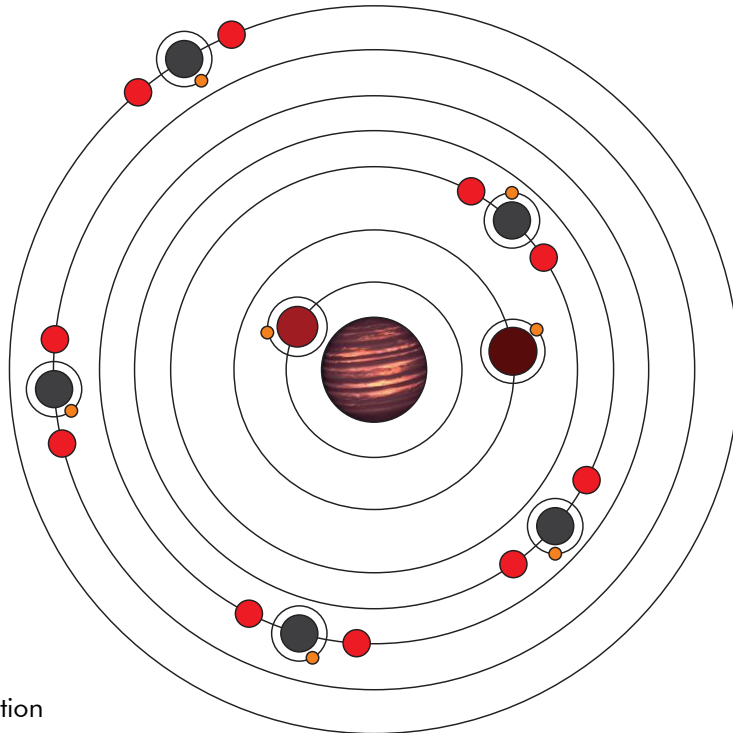


## »Ge« frequency of Galactic Center and »Bull of Heaven«

Revelation 12:3-4 [1]

<sup>3</sup>And there appeared another wonder in heaven;  
and behold a great red dragon, having seven heads and ten horns,  
and seven crowns on his heads.

<sup>4</sup>And his tail drew the third part of the stars of heaven,  
and did cast them to the earth ...



NIBIRU constellation  
[pic.001]

Crop circles graphic anagram

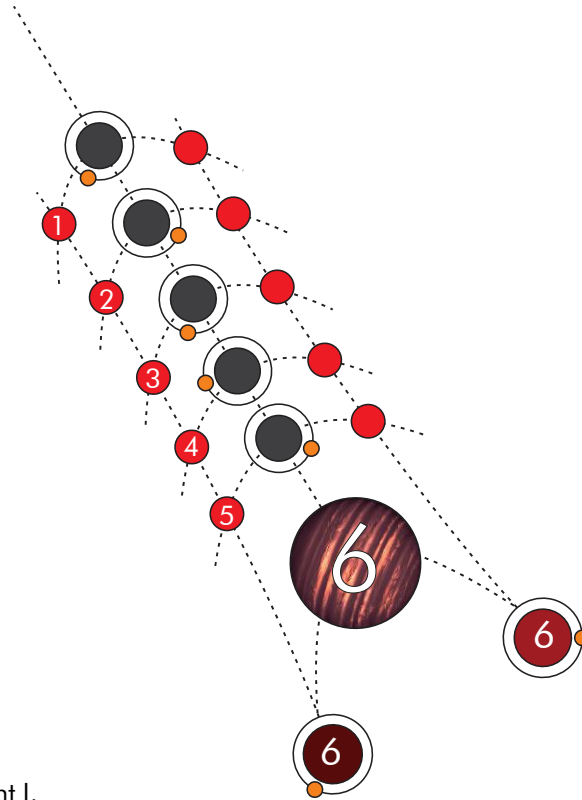


[pic.002]

Krapje at Ljutomer - 13.6.2007

Revelation 13:18 [1]

<sup>18</sup>This calls for wisdom.  
If anyone has insight,  
let him calculate the number of the beast,  
for it is man's number. His number is 666.



NIBIRU culminating point I.  
[pic.003]

Crop circles graphic anagram



[pic.004]

Woodborough hill, Alton Barnes - 9.6.2012

## Habakkuk 2: 2–3 [2]

Write down the prophecy,  
explain it clearly on the tablets,  
so that it may be quickly read:  
For the »vision<sup>6</sup>« there is »a set time<sup>7</sup>«;

---

<sup>6</sup> **Remote viewing (RV)** is the practice of seeking impressions about a distant or unseen target using subjective means, in particular, extra-sensory perception (ESP) or "sensing with mind". Unlike traditional psychic practices, remote viewers use physical models to organize their alleged extra-sensory perceptions and to stabilize the virtual Umwelt. Scientific studies have been conducted; some earlier, less sophisticated experiments produced positive results but they had invalidating flaws, and none of the newer experiments had positive results when under properly controlled conditions. The scientific community rejects remote viewing due to the absence of an evidence base, the lack of a theory which would explain remote viewing, and the lack of experimental techniques which can provide reliably positive results. It is also considered a pseudoscience.

07.02.2013 \_\_\_ [http://en.wikipedia.org/wiki/Remote\\_viewing](http://en.wikipedia.org/wiki/Remote_viewing)

<sup>7</sup> **At The Farsight Institute are currently engaged in a fascinating study using remote viewing to study climate and planetary change between the years 2008 and 2013.** The initial results appear dramatic on a global scale, and research does indeed suggest that major global change is a possibility between now and 2013. **This is an experiment that ends on 1 June 2013.** Principal Investigator: Courtney Brown; Remote Viewers: HRVG viewers led by Glenn Wheaton and CRV viewers led by Lyn Buchanan. [[http://www.youtube.com/watch?feature=player\\_embedded&v=6Pk8udsan2o](http://www.youtube.com/watch?feature=player_embedded&v=6Pk8udsan2o)]  
*This project describes change between the years 2008 and 2013 across nine geographical locations with a global spread. The locations are Vaitupu, Tuvalu*

1. Fort Jesus, Mombasa Kenya
2. Sydney Opera House, Sydney, Australia
3. Mount Kilimanjaro, Tanzania
4. United States Congress Building, Washington, D.C.
5. Malé International Airport, Malé, Maldives
6. KITV Building, Honolulu, Hawaii
7. The Vehicle Assembly Building at Launch Complex 39, Kennedy Space Center, Merritt Island, Florida
8. Key West, Florida

**In general, these remote-viewing data suggest the following types of physical changes across many of the above geographical locations by mid-2013:**

1. Impacts from what appear to be large meteors leading to tsunamis and possible volcanism
2. Extensive and forceful flooding of coastal areas
3. Excessive solar radiation
4. Storms and other severe weather

In terms of the effects of these changes on humans, these data also suggest:

1. Massive self-organized relocation from coastal areas (refugees)
2. The breakdown of rescue or other notable governmental functioning
3. The breakdown of the food supply system
4. The breakdown of the vehicular transport system
5. Extensive loss of buildings near coasts

The two 2013 timelines examined in this study are:

1. Timeline A: 1 June 2013, 12 noon target local time, following the timeline in which the leadership of the mainstream global scientific establishment continues to ignore or deny (1) the reality of the remote-viewing phenomenon, and (2) the existence of life not originating from Earth.
2. Timeline B: 1 June 2013, 12 noon target local time, following the timeline in which by the end of 2009 leaders of the mainstream global scientific establishment publicly recognize (1) the reality of the remote-viewing phenomenon, and (2) the existence of life not originating from Earth.

Speculation

In the end it shall come, without fail!  
Though it may tarry, wait for it;  
For it will surely come—  
For its appointed time it will not be delayed.

Ashurbanipal, 668–630 b.c.e. [2]

From the station of Jupiter,  
the planet passes toward the west.  
**From the station of Jupiter  
the planet increases its brilliance,  
and in the zodiac of Cancer will become Nibiru.**

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Predicting any event on a single timeline may involve (1) using remote viewing to examine alternate timelines to check for unusual events, and (2) looking for clues in a given present to see if anything that is currently happening suggests that the future events perceived in the alternate timelines might be possible for our most likely future. Thus, if the above results are indeed correct for the two specified timelines (Timelines A and B), then it is natural to ask if the results are relevant for our most likely future timeline. Since it seems likely that major governments would be aware in advance of most near term global threats, then it also seems likely that they would take some actions that would reflect their anticipation of those events. These actions would likely not be explained to the masses to avoid panic. Below is a list of largely anomalous governmental actions that may indicate an awareness of a near term global threat that is suggested by these remote-viewing data. Again, these are only speculations, none of which "prove" anything. But considered collectively, they are exceptionally odd.

1. The Svalbard Global Seed Vault is now finished and fully stocked. This will allow the world to restart agriculture given a global catastrophe. The United Nations formally inspected the facility, which might seem odd for a Norwegian project. The timing of this project seems like a strange coincidence.
2. Digging, digging is everywhere. The U.S. has no nuclear enemies, yet it is digging huge underground facilities in inhospitable regions difficult for the masses to reach. Why? On the other hand, the Chinese tend to think collectively, and China is digging extraordinary subway complexes under most of its major cities in a crash program that seems odd in terms of timing and scope. See, for example, the *NY Times* article by Keith Bradsher, 27 March 2009. Subways are, of course, conveniently located underground tunnels, and such tunnels could house millions of people in an emergency. Russia announced in 2011 that it is adding 5,000 new nuclear bomb shelters in Moscow, enabling it to protect all of Moscow's residents. The program is to be rushed so that it is finished in 2012. Why? Russia has no nuclear enemies. Russia's new subway systems have also been placed deeper than needed so that they can be used as deep emergency shelters. Again, why? Why all these preparations, and why the rush?
3. NASA is now predicting that the Sun may generate unprecedented solar storms for a lengthy period in 2012-13. We cannot accurately predict Earth's normal weather a week in advance, and it is by no means clear how NASA can do this with respect unprecedented weather on the Sun years in advance. They are saying that we are more dependent on vulnerable computer technology now. But we had similar dependencies in 2001 and 1990 when previous 11-year solar cycles hit. What is different about the current cycle? Some might suggest that NASA is acting as if it has some extra information that is not currently stated. [<http://www.youtube.com/watch?v=k87JdeyQ-m8>]

07.02.2013 \_\_\_\_\_

[http://farsight.org/demo/Demo2008/RV\\_Demo\\_2008\\_Page1.html#.URQa82dYV8G](http://farsight.org/demo/Demo2008/RV_Demo_2008_Page1.html#.URQa82dYV8G)

The great planet:  
At his appearance: Dark red.  
The heaven he divides in half  
as it stands in Nibiru.

Crop circles graphic anagram



[pic.005]

Pobrežje at Ptuj - 2.6.2007

Magicians and Astronomers of Nineveh and Babylon, 3.700 B.C.E. [2]:

When the Planet of the Throne of Heaven  
will grow brighter,  
there will be floods and rains.

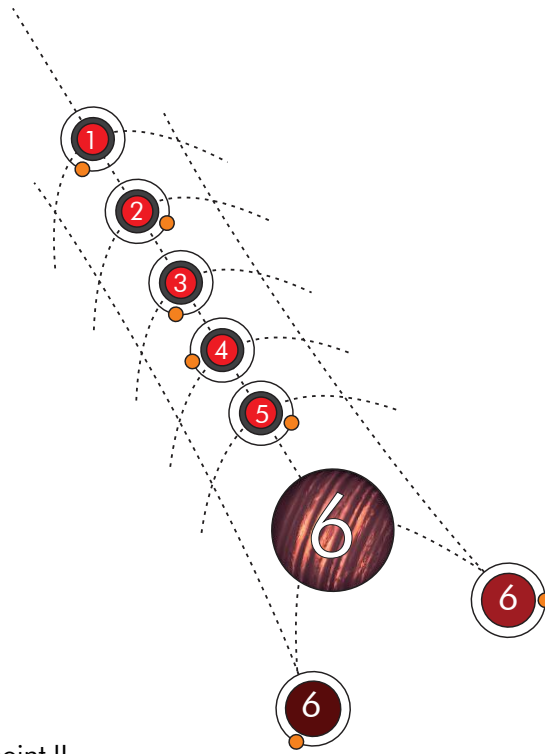
Crop circles graphic anagram



[pic.006]

Kingstone Coombes in Oxfordshir - 2. 6. 2009

When Nibiru culminates. . . .  
The lands will dwell securely,  
Hostile kings will be at peace,  
The gods will receive prayers  
and hear supplications.



NIBIRU culminating point II.  
[pic.007]

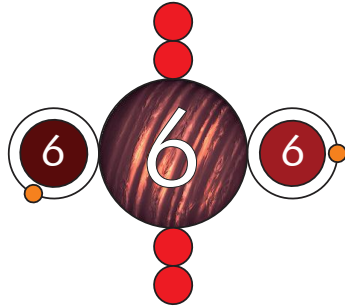
Enuma elish - the Epic of Creation, 3.700 B.C.E. [2]:

Planet NIBIRU:  
The Crossroads of Heaven and Earth it shall occupy . . .  
Planet NIBIRU:  
The central position he holds . . .  
Planet NIBIRU:  
It is he who without tiring the midst of Tiamat keeps crossing;  
Let "Crossing" be his name!

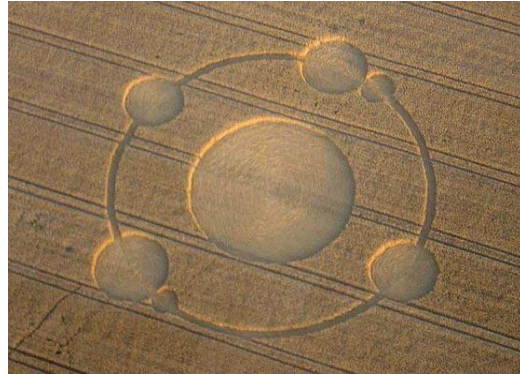


[pic.008]

NIBIRU culminating point III.



Crop circles graphic anagram



Krapje at Ljutomer - 18. julij 2006

Magicians and Astronomers of Nineveh and Babylon, 3.700 B.C.E. [2]:

- |            |    |                                     |
|------------|----|-------------------------------------|
| 1. Ninurta | is | Marduk of the hoe                   |
| 2. Nergal  | is | Marduk of the attack                |
| 3. Zababa  | is | Marduk of the combat                |
| 4. Enlil   | is | Marduk of lordship and counsel      |
| 5. Sin     | is | Marduk the illuminator of the night |
| 6. Shamash | is | Marduk of justice                   |
| 7. Adad    | is | Marduk of rains                     |

Nibiru's [Marduk] arrival [2]:

When Earth is in the Age of the Bull  
and its crossing is observed in the constellation of the Lion.



21.4. - 20.5.



[pic.009]

Planet of the god Marduk:  
Upon its appearance: Mercury.  
Rising thirty degrees of the celestial arc: Jupiter.  
**When standing in the place of the celestial battle: Nibiru.**

The stars of heaven and its constellations  
shall not give their light;  
the Sun shall be darkened at its rising  
and the Moon shall not shine its light . . .  
The heavens shall be agitated  
and the Earth in its place will be shaken;  
When the Lord of Hosts shall be crossing  
on the day of his wrath.

At the end [2]:

Marduk, the Enlil of the gods, got angry.  
His mind became furious.  
He made an evil plan to disperse the land and its peoples.  
His angry heart was bent on levelling  
the land and destroying its people.  
A grievous curse formed in his mouth.  
Evil portents indicating the disruption of heavenly harmony  
started appearing abundantly in heaven and on Earth.  
The planets in the Ways of Enlil, Anu and Ea  
worsened their positions  
and repeatedly disclosed abnormal omens.  
Arahtu, the river of abundance, became a raging current.  
A fierce surge of water, a violent flood like  
the Deluge swept away the city, its houses and  
sanctuaries, turning them to ruins.  
The gods and goddesses became afraid,  
abandoned their shrines, flew off like birds  
and ascended to heaven.

A king in Babylon will arise;  
In my city Babylon, in its midst,  
my temple to heaven he will raise;  
The mountainlike Esagil he will renew,  
the ground plan of Heaven-Earth  
for the mountainlike Esagil he will draw;  
The Gate of Heaven will be opened.  
In my city Babylon a king will arise;  
In abundance he will reside;  
My hand he will grasp,  
He will lead me in processions ...  
To my city and my temple Esagil  
for eternity I shall enter ...



### **The Blessed Virgin Mary's Message to Brother David, 11th of Sept., 1987 [3]**

Before the great tribulation, there is going to be a sign. **We will see in the sky one great red cross on a day of blue sky without clouds.** This cross will be seen by everyone: Christians, pagans, atheists, etc., as well as all the prepared ones who will be guided by God in the way of Christ. They will receive grace to interpret the significance of the cross.

### **Three Days of Darkness given by Our Lord to Padre Pio [4]**

#### **January 28, 1950: Jesus to Padre Pio**

"Keep your windows well-covered. Do not look out. Light a blessed candle, which will suffice for many days. Pray the Rosary. Read spiritual books. Make acts of Spiritual Communion, also acts of love, which are so pleasing to Us. Pray with outstretched arms, or prostrate on the ground, in order that many souls may be saved. Do not go outside the house. Provide yourself with sufficient food. The powers of nature shall be moved and a rain of fire shall make people tremble with fear. Have courage! I am in the midst of you."

#### **February 7, 1950: Jesus to Padre Pio**

"Take care of the animals during these days. I am the creator and preserver of animals as well as man. I shall give you a few signs beforehand, at which time you should place more food before them. I will preserve the property of the elect, including the animals, for they shall be in need of sustenance afterwards as well. Let no one go across the yard, even to feed the animals – he who steps outside will perish! Cover your windows carefully. My elect shall not see My wrath. Have confidence in Me, and I will be your protection. Your confidence obliges Me to come to your aid."

"Hurricanes of fire will pour forth from the clouds and spread over the entire earth! Storms, bad weather, thunderbolts and earthquakes will cover the earth for two days. An uninterrupted rain of fire will take place! It will begin during a very cold night. All this is to prove that God is the Master of Creation. Those who hope in Me, and believe in My words, have nothing to fear because I will not forsake them, nor those who spread My message. No harm will come to those who are in the state of grace and who seek My Mother's protection."

"That you may be prepared for these visitations, I will give you the following signs and instructions: The night will be very cold. The wind will roar. After a time thunderbolts will be heard. Lock all the doors and windows. Talk to no one outside the house. Kneel down before a crucifix, be sorry for your sins, and beg My Mother's protection. Do not look during the earthquake, because the anger of God is holy!" *Jesus does not want us to behold the anger of God, because God's anger must be contemplated with fear and trembling.*

"Those who disregard this advice will be killed instantly. The wind will carry with it poisonous gases which will be diffused over the entire earth. Those who suffer and die innocently will be martyrs and they will be with Me in My Kingdom. Satan will triumph! But in three nights, the earthquake and fire will

cease. On the following day the sun will shine again, angels will descend from Heaven and will spread the spirit of peace over the earth. A feeling of immeasurable gratitude will take possession of those who survive this most terrible ordeal, the impending punishment, with which God will visit the earth since creation."

"I have chosen souls in other countries too, such as Belgium, Switzerland, Spain, who have received these revelations so that other countries also may be prepared. Pray Rosary, but pray it well, so that your prayers may reach Heaven. Soon a more terrible catastrophe shall come upon the entire world, such as never before has been witnessed, a terrible chastisement never before experienced! How unconcerned men are regarding these things! Which shall so soon come upon them, contrary to all expectations. How indifferent they are in preparing themselves for these unheard of events, through which they will have to pass so shortly! The weight of divine balance has reached the earth! The wrath of My Father shall be poured out over the entire world! I am again warning the world through your instrumentality, as I have so often done heretofore."

"This catastrophe shall come upon the earth like a flash of lightning! At which moment the light of the morning sun shall be replaced by black darkness! No one shall leave the house or look out a window from that moment on. I Myself shall come amidst thunder and lightning. The wicked shall behold My Divine Heart. There shall be great confusion because of this utter darkness in which the entire earth shall be enveloped, and many, many shall die from fear and despair."

"On that day, as soon as complete darkness has set in, no one shall leave the house or look from out of the window. The darkness shall last a day and a night followed by another day and night, and another day – but on the night following, the stars will shine again, and on the next morning the sun shall rise again, and it will be springtime! In the days of darkness, My elect shall not sleep, as did the disciples in the garden of olives. They shall pray incessantly, and they shall not be disappointed in Me. I shall gather My elect. Hell will believe itself to be in possession of the entire earth, but I shall reclaim it."

**Jesus to Veronica at Bayside, June 30, 1984 [5]:**

"Both front and back doors must have a crucifix. I say this to you because there will be carnage within your areas, and this will pass you by if you keep your crucifix upon your doors."

**The Prophecies of Marie Julie Jahenny [6]:**

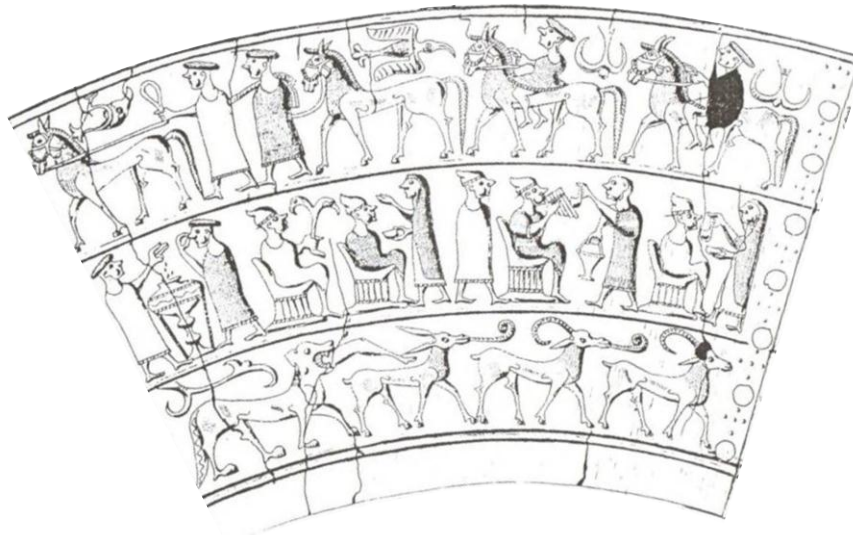
"During this darkness the devils and the wicked will take on the most hideous shapes... red clouds like blood will move across the sky. The crash of the thunder will shake the earth and sinister lightning will streak the heavens out of season. The earth will be shaken to its foundations. The sea will rise, its roaring waves will spread over the continent..."

## 'Ge' frequency of Galactic Center and New Golden Age

A folk tale says that he there shall be a decisive battle at the Sora plain [near city Kranj in Slovenia] in which seven kings shall compete. A "spruce with seven peaks" sprung at the Sora plain, causing the beginning of harsh times. Seven large armies come to the plain, where it is decided who shall be the lord of the world. The war is ended with the signing of a peace treaty by the seven kings under the storm-weathered three [with seven tops], after which the Golden Age follows. [1]



First Holy Grail Pair [1]; Our Solar System consists of the Sun, Moon and 10 planets: Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus, Neptun, Pluto and Eris [2]; God Marduk with Nibiru ruler stick [pic.001]



Holy grail pair – Vače, Situla [pic.002]

According to the folk legend written in song by Franc Levce [Slovenski Glasnik, list št.15. 1867., letnik X., na str.15], the marvellous rays of a Golden Age shall glow from the sky and calm the whole world. Different nations shall celebrate together, everyone shall be their own lord, and the most beautiful day shall come for the Slovenian nation. [2]

Tam kjer Sava, naša reka,  
Dre čez sorško polje,  
Sedmovrha še smreka  
Zraste enkrat iz zemlje.

Strašno takrat se pomajal  
Krog vesoljnih bo svetov,  
Nam Slovanom takrat vzhajal  
Zlate dobe čas bo nov.

Sem na polje privihralo,  
Sedem silnih bo vojska,  
Tu se bo razsojevalo,  
Kdo bo gospodar sveta.

Sedem kraljev pod smreko,  
Podkrižalo bode mir,  
Ki bo vstavil krvi reko,  
Ki odprl bo sreče vir.

Zlata doba zasvetila,  
Bode z jasnih se nebes,  
Z žarki divnimi oblila  
Svet pomirjen čez in čez.

Z narodom bo narod rajal,  
Ker bo vsak sam svoj gospod;  
Dan najlepši pak obhajal  
Bodeš ti, slovanski rod!

### Babylon, The Gateway of the Gods [3]

In the deep Above, where you have been residing,  
"The Kingly House of Above" have I built.  
Now, a counterpart of it, I shall build in The Below.  
Marduk then explained his purpose:  
When from the Heavens for assembly you shall descend,  
there shall be a restplace for the night to receive you all.  
I will name it "Babylon" - **The Gateway of the Gods.**

## Würmlach, First Gateway of the Supreme God

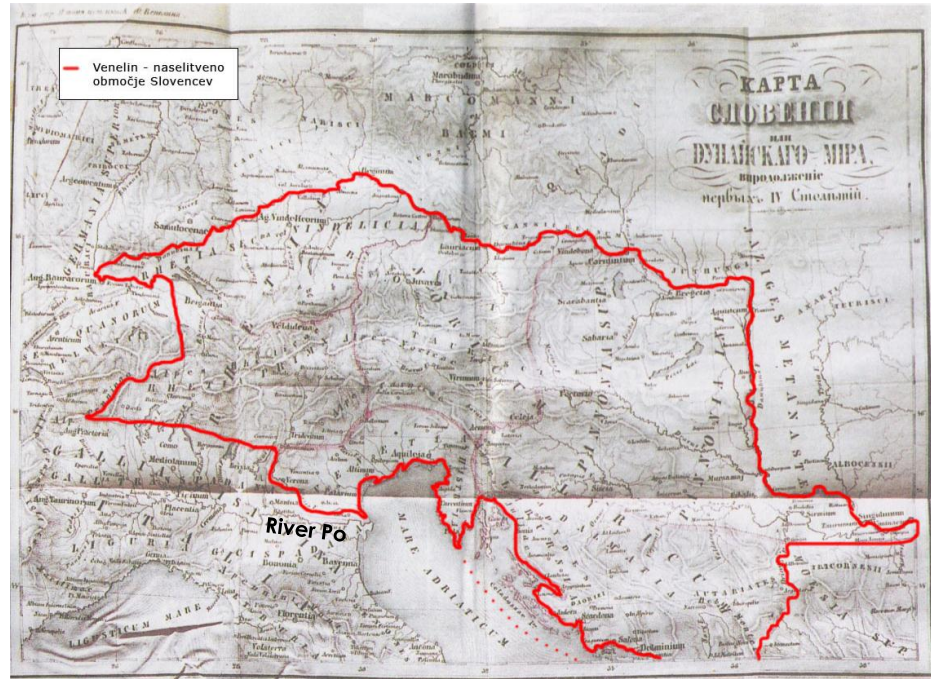
»Pherecydes of Syros once wrote that the Hyperboreans were a race of Titans and that Hyperborea was the birthplace of the first giants.«  
H.P. Blavatsky [1]

**Abstract.** »Ancient Greek and Roman scholars mention a time when 'the Moon was not near the Earth'. Ancient records refer to people known as the Pelasgians, Proselenes, and the Arcadians. They were beings belonging to a very ancient race that inhabited our planet in times when there was no Moon. According to the Greek philosopher Aristotle, (384 BC - 322 BC), before the Hellenes occupied Arcadia, the land was inhabited by a group of people known as the Pelasgians. They 'occupied the land already before there was moon in the sky above the earth.' Plutarch, the Greek historian (46 - 127) confirmed this in his writings: 'There were Arcadians of Evander`s following, the so-called pre-Lunar people.' Also Ovid, a Roman poet (43 BC-17 AD) wrote of the pre-Lunar civilization. From his writings, we learn that 'the Arcadians are said to have possessed the land before the birth of Jove, and the folk is older than the Moon.' Apollonius of Rhodes who lived during the third century BC confirmed the presence of a very ancient pre-Lunar civilization in his writings. He wrote: 'when not all of the orbs were yet in the heavens, before the Danai and the Deukalion races came into existence, and only the Arcadians lived, of whom it is said that they dwelt on mountains and fed on acorns, before there was a moon.' Giordano Bruno, an Italian philosopher (1548 - 1600) was one of the earliest modern thinkers who contemplated on the existence of a pre-Lunar civilization. In one of his books he wrote: **'There are those who have believed that there was a certain time (as our mythology says) when the Moon, which was believed to be younger than the sun, was not yet created. The Arcadians, who dwelt not far from the Po, are believed to have been in existence before it (the moon).'**« Ellen Lloyd [2]

»The giants, in Slovenian called the Ajdi, are believed to be the oldest inhabitants of the Earth. The word Ajd has drawn attention up till now just for its possible indication of the archaeological sites. It is taken for a widely spread motif in folkloristics. The author includes the narratives about the continuity, cohabitation and appearance of the Ajdi from the prehistoric and Roman settlement on Ajdovščina above Rodik in the context of the specific area and time. The paper considers the possibilities of the historical truth of the studied oral tradition, which due to its uncommonness and connection to the specific place seems possible.«  
Katja Hrobat [3]

»Helmolts Weltgeschichte [4], notebook nr. 5, chapter »Das Auftreten der Kroaten und Serben«, page 277; »Es muss aber in Erinnerung gebracht werden, dass das ganze, jetzt von den Kroaten beseste und nach ihnen benannte Land

früher den Slowenen gehörte und Slovenia hiess...« " and as stated by "Ožbalt Gutsman, Deutsch – windisches Wörterbuch [5], Celovec 1789, p. 284, explanation of the terms Slav – Slovenec, Slavenland – Slovenian land and Slavisch – Slovenian.«



Map from the ancient book 'Starodavni in današnji Slovenci' (Ancient and Modern Slovenians) /Jurij Venelin<sup>8</sup>[6]; [translaton from Russian by Ana Brvar, translation of Pavel Tulajev by Just Rugel, translation of Ovid from Latin by Barbara Šega-Čeh]. - Ljubljana : Amalietti & Amalietti, 2009 ([Ljubljana] : Schwarz) [pic.001]

... and Arcadia was previously named Gigantis, land of the giants ...<sup>9</sup> Arcadia remained a beautiful, secluded area, and its inhabitants became proverbial as herdsmen leading simple pastoral unsophisticated yet happy lives, to the point that Arcadia may refer to some imaginary idyllic paradise, immortalized by Virgil's Eclogues, and later by Jacopo Sannazaro in his pastoral masterpiece, Arcadia (1504); see also Arcadia = utopia.<sup>10</sup>

»A utopian land, known in our narrations as Koromandija, Komandija, Kolovozija, Kolobocija, Korotan, the ninth land, the paradise of loafers, Land of Cockaigne and also the "world upside down," and described also in both Slovenian legends about the Flood Myth, i.e. the time when we lost the utopian paradise twice because of reckless decisions and a disrespectful attitude towards nature.« Pangeršič Irena [7] [8]

<sup>8</sup> Venelin was born in 1802 in the Nagy-Tibava village (Velika Tibava) in the Carpathian mountains of Georgius Hutz. This was a Hungarian area, part of the then-Austrian Empire, which is now western Ukraine. The historian regarded himself as Carpatho-Russian. He took the last name Venelin (Venelovič) and the Russian name Jurij as an adult when he moved to Russia. Available at [http://www.harvardi.com/jurij\\_venelin.php](http://www.harvardi.com/jurij_venelin.php).

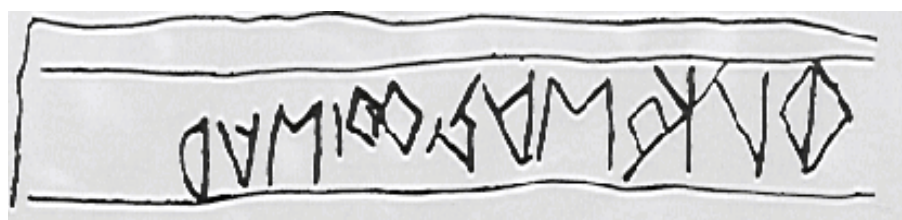
<sup>9</sup> <http://www.atlantida.gr/Eng/engAtlasArcadia.htm>

<sup>10</sup> <http://en.wikipedia.org/wiki/Arcadia>

“In ancient times there lived giants, the Ajdi. They had a human form, but they were extremely big. The first generation of the giants lived at ‘Glass mountain’, from where they moved to our highest mountains. If they wanted to talk with each other, they did not go to another village like we do, but they spoke while standing on the mountains. If one of them needed to borrow something from another one, he simply called and the desired object was thrown to him by his neighbour from the other mountain. They did not even go to fetch water with pots like we do, they simply leaned from the mountain and took the water from the river with a bucket ... since they lived for a long time it could happen that the grandfather held his grandchildren’s sons in his arms. The ancient generations of the Ajdi were sad when they realised the younger generation was not as largely built as they were. Finally, the youngest generation was born, and this is us, the people.” Vinko Möderndorfer [9]

And the legend about the beginning of the world says that the Slovenians were, in ancient times when God still lived on earth, giants called Ajdi. The story also says that God, the creator, lived together with these people. However, he abandoned us because the people were afraid of him because of his mightiness and brightness. Kelemina Jakob [10]

In order to remember this and never forget that God went back to heaven, our ancestors carved this into stone and placed it solemnly in the place where God said goodbye to his people.



'BUG OŠA SO VIŠAD' [venetian]= 'Tu je Bog odšel v višave' [slovenian];  
This is where God went to great heights;  
A Venetian inscription [pic.002] from Würmlach [Bumlje in Slovenian], more than  
2,500 years old, kept in the Provincial Museum of Carinthia in Klagenfurt.[11]

Even though the ethnogenesis of the Slovenians , according to the Venetian theory, stems from the basis that they were as much Paphlagonian and Adriatic as they were Baltic, and ancient Armorican inhabitants called Eneti , Veneti , Venedi, or Vends were actually predecessors of the Slavs Robert Petrič [12] it is forgotten that people on earth only spoke one human language in ancient times, until the collapse of the Tower of Babel. And according to the records: »Abu 'Isa, the astronomer quoted by Abu al-Fida [13] [»Historia Anteislamica«, ed. Fleischer, p. 18 in 19] [14], also tells the Biblical story of the Tower and the confusion« - he adds that only Eber's<sup>11</sup> people were able to maintain the original language of humanity because they did not participate in the construction of the Tower of Babel. [However, Biblical scholars have discovered that Eber<sup>12</sup> also means “away” or “outside,” out of the region or across, the opposite side, or “the ones who went away.”]

<sup>11</sup> Eber - lingua humana [Latin]= »the human language« → according to Hebrew testimony

<sup>12</sup> <http://www.jewishencyclopedia.com/articles/7445-hebrew>



The giant Nimrod building the Tower of Babel<sup>13</sup>[pic.003]

... and the composition of the town of Babylon with the Tower of Babel was shaped in the form of the "all-seeing eye", as an idea to enable King Nimrod to carefully follow the happenings on earth from his temple in heaven...<sup>14</sup>

However, Pseudo-Philo VI. 5-18 [15] also quotes Abraham from this period, as well as eleven other men who opposed the construction of the Tower of Babel and thus were the only ones spared when God descended on earth, and the tower collapsed and burned down: »According to this Midrashic account, Abram with eleven other men whose names are given, refused to bake bricks for the building of the Tower of Babel. In consequence, they were seized by the people of the land, and brought before the princes, and on their persistent refusal to take any part in the building of the Tower, were condemned to be burnt. A respite of seven days is given them at the intercession of Jectan, "the first prince of the captains," but at the end of this time, if they have not already changed their mind, they are to be handed over for execution. Jectan, a secret friend, contrives their escape to the mountains, and eleven of the men do escape, but Abram refuses to flee, and remains behind. At the end of the seven days, the "people of the land" demand that the imprisoned men shall be produced. Jectan explains that eleven of them "have broken prison and fled by night," but Abram is produced, is cast into the fire, but is miraculously delivered by God,<sup>15</sup> who causes an earthquake which breaks up the furnace and scatters the fire, which "consumed all them that stood round about in the sight of the furnace; and all they that were burned in that day were 83,500. But upon Abram was there not any the least hurt by the burning of the fire.«

<sup>13</sup> Salerno ivory, 11th cent. <http://www.tali-virtualmidrash.org.il/ArticleEng.aspx?art=28>

<sup>14</sup> Available on August 22, 2012 at: <http://christianitybeliefs.org/thefuelproject/the-tower-of-babel-heaven/>

<sup>15</sup> According to R. Eliezer b. Jacob it was Michael who delivered Abraham from the fire; but the prevailing view was that it was God Himself; cf. Bereshith rabba xlv. 16.





*The Tower of Babel*<sup>16</sup> [pic.004]

And despite the long forgotten time of the construction of the Tower of Babel, when we as the only people were spared [ by being able to keep the original language of humanity], here the only remaining memory of these times is the inscription on the beehive panel [pic.005] kept in the Slovenian Ethnographic Museum 630:LJU;0007288 [16] and named in the inscription as: The Tower of Babel". : Inv. n. 7288; 13 x 28 cm; upper left corner number 8, and right corner number 88; the beehive panel was found at "Andrejčnik" in Gornji Grad in the Savinjska Dolina.

*The beehive panel* [pic.005]



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<sup>16</sup> Available on August 25,2012 at <https://sites.google.com/site/crossbr/babel.jpg>

*The Tower of Babel = Bab-el<sup>17</sup> ... the Gate of God;  
and Ezra<sup>18</sup> states in his records 8\_88:*

**<sup>88</sup> You were so angry at us before, that you could have destroyed as all! <sup>89</sup> You didn't, though – you were faithful and allowed some of us to survive. <sup>90</sup> But now we admit that we have sinned and are not fit to worship you.**

The brave decision of twelve men to no longer participate in the construction [considering that at first the purpose of the tower's construction was to build a structure to worship and honour God – later the builders decided that the tower would be used by priests, because of their haughtiness, so that they could reproach God the creator for his creation] could be compared with the unique law of the Slovenian people [Law of the Twelve], preserved until the French occupation of our regions [1797, 1805-06, 1809-13], when they cut down all of the lime trees [the Slovenian tree of life] where this legal order had been preserved for centuries – i.e. the so-called "dvanajstija" or "the dozen."<sup>19</sup> And the Slovenians, more out of mockery than out of honour, still say about themselves when talking about their decisions that they are "more papal than the Pope himself".

With the cutting down of numerous lime trees, not only has Slovenian law died out, but also the so-called peak of people's joy, dancing under the lime, called "the dance under the lime" or "the high dance" or "the first paradise dance".

The lime tree appears as a holy tree in the tradition of all the ancient Slavs, but only in the Slovenian tradition is it respected as the tree of life. The 'typical' lime leaves that do not fade on the tree of life and represent health for the people appear in the tuft of feathers on helmets [seal of the marshal of Styria, 1278]. Šavli [17]. According to common belief the lime tree has magical properties because it protects from lightning, various accidents, diseases, evil spirits and witchcraft.

Pliny<sup>20</sup> the Elder mentions that the lime tree leaves help against a thousand cases of illness, while the lime tree wood does not get eaten by worms. Above all, the abundant lime tree inflorescence is excellent and the most rich honey

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<sup>17</sup> Hebrew: bab-el, from bab "gate" + el "god" - Is it called gate of God because here God "came down" 22.8.2012 on: [http://www.emergingtruths.com/tower\\_of\\_babel/tower\\_of\\_babel.html](http://www.emergingtruths.com/tower_of_babel/tower_of_babel.html)

<sup>18</sup> The name Ezra means "God helps" and his book [regarded by Christianity as apocrypha in some records = i.e. a forged paper] speaks mostly about the departure from Babel and the reconstruction of the eternal city.

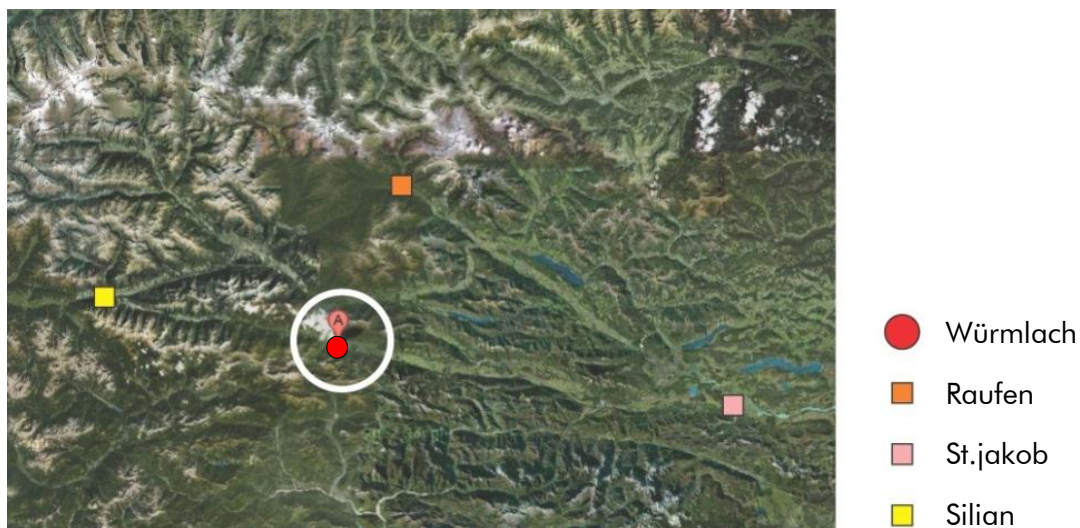
<sup>19</sup> Rallies and legal actions took place under the lime trees; historic sources describe this as "institution sclavenica" (Slovenian law) and "consuetudo sclavorum" (Slovenian habit) – in Slovenian regions this task was assigned to the mayor and his "dozen," comprised of twelve men who were at the head of the village community. These assemblies under the lime trees were preserved until the 16<sup>th</sup> Century [and ended with the peasants' revolt ], while the mayors with their "dozens" lasted even until 1848; Even the most heated disputes between neighbours were solved under the lime trees. Unfortunately, a large number of lime trees were cut down during the French occupation, because the Slovenian legal order was not consistent with the French constitution. Šavli J. [17]

<sup>20</sup> BOOK 24: CHAP. 34. THE LINDEN-TREE I FIVE REMEDIES.

The linden-tree is useful, though in a less marked degree, for nearly all the same purposes as the wild olive. The leaves, however, are the only part that is made use of for ulcers upon infants ; chewed, too, or employed in the form of a decoction, they are diuretic. Used as a liniment they arrest menstruation when in excess, and an infusion of them, taken in drink, carries off superfluous blood. [20]

chamber. The Book of Revelation [22, 1 and 2] foretells that the tree of life will be a reward to the righteous for their good works at the end of the world. Quote: 1 And he shewed me a pure river of water of life, clear as crystal, proceeding out of the throne of God and of the Lamb. 2 In the midst of the street of it, and on either side of the river, was there the tree of life, which bare twelve manner of fruits, and yielded her fruit every month: **and the leaves of the tree were for the healing of the nations.** The Holy Bible: King James Version [18]

**Construction of the tower of Babel.** "The construction of the high tower progressed gradually. Years had to pass for the ground floor to be completed. Because of the extent of the construction, the area appeared low, not at all grand, resembling more of a sheep barn than a house of God. Some priests already loudly expressed their doubts about the tower ever reaching the 'sky.'"... "The links between individual sites were gradually but completely interrupted. Everyone shaped his own way of life and customs. Years passed, priests died, their successors only accepted their heritage with lenient understanding and dreamed about their own great deeds. They simply did not believe that it could be possible to build a sky-high tower, since they already knew something about the sky, but they still believed they would be able to inhabit these towers." ... And in the land of Shinar, after God had come down from heaven and confused their languages, many different kingdoms were created ... " The priests claimed that the community of people who did not build the tower, are to be blamed for the failure. Should we agree with them? It is known that these people continued visiting that place still for many centuries after that and admiring the great deed of their ancestors. Anyway. A place remained that was intended to become a stairway to the sky, but it only remained a symbol of confusion." Vladimir Kavčič [19<sup>21</sup>]



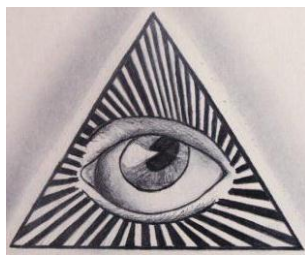
Satellite archaeology in the area where the Venetians worshiped the place of God's descent from heaven [A=Würmlach] shows a large triangular formation [pic.006] with a central, partially oval part [https://maps.google.si/maps?hl=s]

<sup>21</sup> PROBLEMI: magazine for culture and social issues – Year 1, n. 1 (1962) – Ljubljana: Society for theoretical psychoanalysis, 1962- . -24 cm.

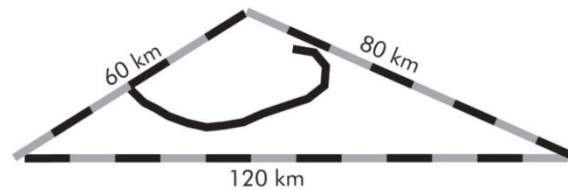


Satelite magnification of one of the angles of a giant triangle [pic.007]

Even detailed enlargements in the western part of these triangular formation show the shape is correct but unfortunately collapsed [triangular formation = town, and oval formation = parts of the tower] [pic.006]. Satellite archaeology also reveals that a huge triangular formation<sup>22</sup> really does represent the shape of the “all-seeing eye of God” [pic.008, 009] which was once worshipped by the Egyptian community, while today it is known in Hinduism as the third eye of the god Shiva, worshipped in Christianity as the Holy Trinity, and representing the “Eye of Divine Providence” in freemason societies – which actually represents the seat of the soul and whose first worshipper was Nimrod himself – a great man and hunter before God [adapted from Bible 1 Mz 10,8-10,9 and Ch 1,10] [21].



The all-seeing eye



Above [Pic.008 in 009]

»And they said: come, let us build us a city, and a tower (11:4)« ... »A third of this tower which they built sank [into the earth], a third was burnt, while a third is still standing. And should you think that it [the remaining third] is small — R. Huna

<sup>22</sup> Giovanni Villani (1300) [23]: He relates that "it measured eighty miles round [129 km], and it was already 4,000 paces high (5,920 m (19,423 ft)) and 1,000 paces thick, and each pace is three of our feet." [14]. Tower and wall of Babylon was began 700 years after the Flood or 2364 years from begining of the world.

said in R. Idi`s name: When one ascends to the top, he sees the trees below him like grasshoppers.« Midrash Rabbah [22] – 'even after there was only one third left and the trees below still looked like grasshoppers'.



The City and the Tower of Babel - The European Parliament [pic.010, 011]

As a curiosity: the recomposition of the Tower of Babel represented by the EU Parliament building complex literally recreates all key elements of the archaeological remains of satellite archaeology: the triangular eye shape = the main building, dome shape = the eyeball, the unfinished shape of the entrance hall = the portal where God left Earth.

**King Matthias, mighty gigantic Hyperborean [Arcadian] king.** The version of the tales about King Matthias, who sleeps in Peca, deriving from the Lower Carniola (Dolenjska), talks about the mighty gigantic pagan king (*Ajdovski kralj* in Slovene) [24], who provoked a conflict with God – King Matthias, the ruler of Slovenians [25]... and 'every hundred years the golden bird flies to Sveta Gora [Mount Peca or Kordež's Head] and sings a song. King Matthias wakes up, looks around the world, and goes back to sleep. However, when times will be the worst, the golden bird will sing so sadly that Sveta Gora will open and King Matthias and his warriors will wake up and kill all the tyrants. And again justice will rule the earth'. Do you know who King Matthias is? This is a Slovenian soul who, together with his knights, sleeps in the mountain for centuries because they were captured by the enemies of the Slovenian nation - adapted from Malovrh, Miroslav Kralj Matjaž [26]



King Matthias and his knights on a beehive panel, above [pic.012]

According to legend, King Matthias sleeps with his knights<sup>23</sup> in the cave on Mount Peca and when his beard will grow nine times around the stone table they will all wake up and take the human race once again to the Golden Age.



Has King Matthias woken up? ... King Matthias, the ruler of the Golden Age who has stirred the imagination of Slovenians for centuries, indeed showed up on Mount Peca in 2006<sup>24</sup> – the shape is visible from Topla Dolina Valley<sup>25</sup> near Črna na Koroškem<sup>26</sup>. [pic.013,014]

In Greek mythology, is the ruler of mankind in the Golden Age of Titan, Cronus, who ruled the earth along with the other eleven Titans. The establishment of the new Golden Age of Kronos, a time of peace and justice, “when a new generation of humanity is supposed to have come down from heaven to the earth,” is also described by the poet Virgil in the fourth Eclogue<sup>27</sup>. [27]

*Now the last age by Cumae's Sibyl sung  
Has come and gone, and the majestic roll  
Of circling centuries begins anew:  
Astraea<sup>28</sup> returns,  
Returns old Saturn's<sup>29</sup> reign,  
With a new breed of men sent down from heaven.*

In the foreword to a collection of "Volkslieder aus Krain" (Leipzig 1850, p. X), Anastasius Grün wrote that King Matthias was “ein fast fabelhaftes Wesen” (an almost fabulous creature). In a text written by Peterlin from Lower Carniola – Grafenauer No. 41 – King Matthias is a kind of giant, three times bigger than the

<sup>23</sup> [http://www.akropola.org/App\\_Upload/Image/galerije/slike/PR\\_SLO\\_Kralj-Matjaz-%20big.jpg](http://www.akropola.org/App_Upload/Image/galerije/slike/PR_SLO_Kralj-Matjaz-%20big.jpg)

<sup>24</sup> Accessed 22 Aug. 2012 at <https://24ur.com/ekskluziv/zanimivosti/kralj-matjaz-na-peci.html?ar=>

<sup>25</sup> Topla is the Alpine valley below the southern walls of Peca near Črna na Koroškem. Being one of the most beautiful and interesting Slovenian valleys, the area, which covers about 1350 hectares, has been protected since 1966 as a natural park and a natural monument. Through the valley, Topla stream runs, which flows into Meža River.

<sup>26</sup> On 8 January 2006, Slovenian songwriter Milan Pečovnik Piđi discovered the face of King Matthias in the rocks of Mt Peca

<sup>27</sup> The Eclogues also called the Bucolics, is the first of the three major works of the Latin [poet Virgil](#).

<sup>28</sup> Alias Justitia – Personification of justice

<sup>29</sup> Cronus

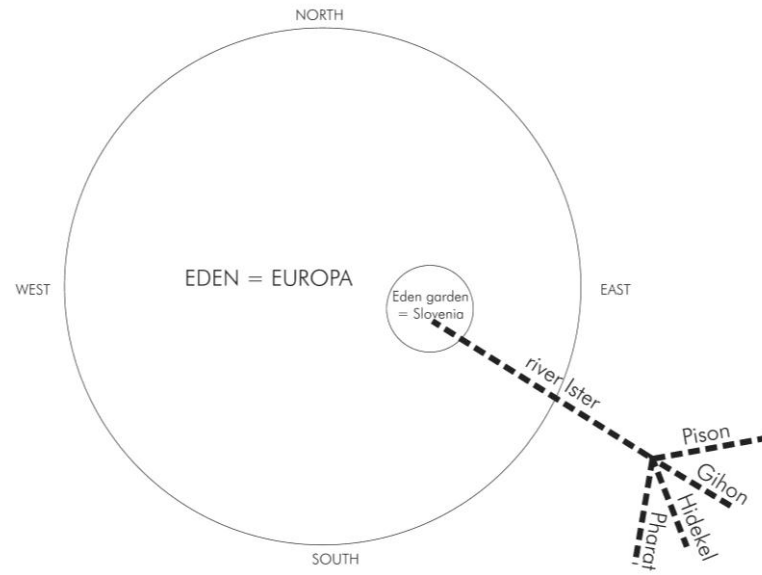
biggest among the currently living human beings and a modern man does not drink even a half of the measure that was three times a day drunk by the smallest subject of King Matthias. King Matthias considers the people who currently live on the Earth nothing more than weaklings, whom he will get rid of when he wakes up. This is where the tradition of the weakening human race derives from (cf. Št. Kuhar, Kakši so bili lidjé prad nfmí pa kakši do za nfmí? ČZN VIII, 1911. 61) [28]

King Matthias – IX. Written down by Rok D[rofenik] Gorski in the area around Ptujška gora. Vrtec XVII, 1887, No. 12. 213-214 (hereinafter the publications and reprints of Vrtec from 1884 – therefore No. IX) Varianta h Graph. t. 23-37, »Obisk pri Kralju Matjažu« - 'Visit at King Matthias'; prim. Graph. t. 41 and 42. Contents: the missionary who is sentenced to death (!) is promised to be released, if he goes to the kingdom of King Matthias and inquires about the Judgment Day. On the way there he takes a nap, just for "a few hours" = 300 years. When he arrives to King Matthias, he tries to pull the sword from the scabbard and learns that the Judgment Day will come when the "sword will jump from the scabbard alone." After returning home, the missionary does not die immediately. [28]

**Ancient famous Paradise river Ister.** According to Herodotus [4<sup>th</sup> book, chapters 48, 49] [29] the Eden River called Ister [river called after goddess Ishtar], which was still known in the Silver Age, was the most prominent river in the Old World and following its passage into the present area of the Black Sea it ramified. While in Herodotus' time it had a five-branch river mouth, it currently has only a three-branch one [and an artificial river bed]; in the period before the Flood it probably had a four-branch mouth [pic.017,018].



Goddess Ishtar and all-seeing eye [pic.015]; Holy Lady on the ancient cathedral of Carantania, the first Slovenian state – 'Gosposvetsko polje', Gospa Sveta (german: Maria Saal) [pic.016 ]; Below: Reconstruction of the Garden of Eden according to the record in the Bible [pic.017]



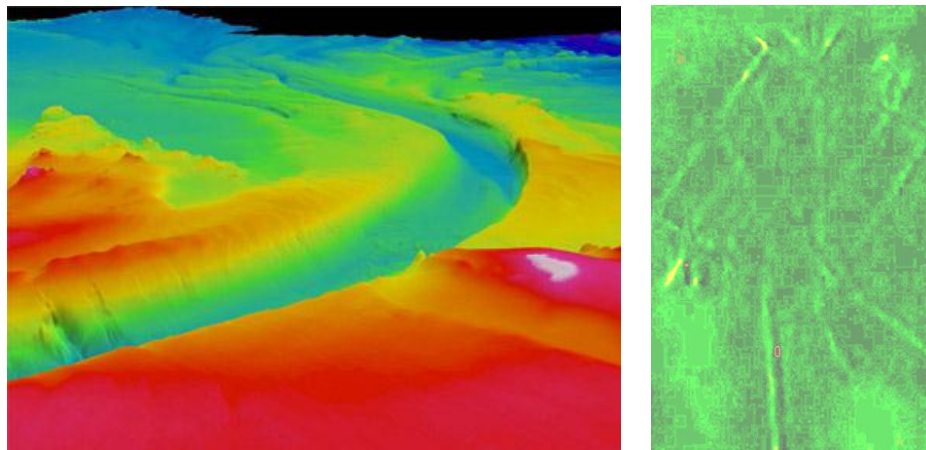
Ister, also known as Savus, on Abraham Ortelius' map from 1624 [30] [pic.018]. Easter/Ister is the second name for Ishtar or Astarte, "the Queen of Heaven or Eden Queen." <sup>30</sup>

<sup>30</sup> "8 And the LORD God planted a garden eastward in Eden; and there he put the man whom he had formed.

9 And out of the ground made the LORD God to grow every tree that is pleasant to the sight, and good for food; the tree of life also in the midst of the garden, and the tree of knowledge of good and evil. 10 And a river went out of Eden to water the garden; and from thence it was parted, and became into four heads. 11 The name of the first is Pison: that is it which compasseth the whole land of Havilah, where there is gold; 12 and the gold of that land is good: there is bdellium and the onyx stone. 13 And the name of the second river is Gihon: the same is it that compasseth the whole land of Ethiopia. 14 And the name of the third river is Hid'ekel: that is it which goeth toward the east of Assyria. And the fourth river is Euphra'tes." The Holy Bible [21]



The changes on the earth's surface in the area of the Black Sea were major after the Flood [pic.019,020]. As William Ryan and Walter Pitman from Columbia University established in 1997, the common theory of the formation of the Black Sea indicates that a massive amount of water flowed through the Bosphorus Strait [present Istanbul], where the water from the Mediterranean flooded and filled a smaller freshwater lake.



*The deep bed of the former river under the Black Sea from the Mediterranean through the Bosphorus [pic.019] and part of the structure of large settlements under the Black Sea [pic.020]*

This catastrophe irreversibly changed the history of the people living in this area, as well as the life of animals and plants. According to the theory, before that date the glacial melt water that once supplied the coasts of the Black and Caspian Sea, and the freshwater lakes that occupied vast areas, emptied into the Aegean Sea. As the glaciers retreated, the water level was reduced [...] <sup>31</sup> William Ryan and Walter Pitman [31]. Yet the colossal changes led also to the loss of any trace of the four rivers that once flowed from Eden.

*Translated by Brina Bešković Hrastar, University graduate in translation*

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<sup>31</sup> Accessible on 30 May 2012 at: [http://sofiaecho.com/2011/07/07/1119372\\_archaeology-black-seas-ancient-coast-found-report](http://sofiaecho.com/2011/07/07/1119372_archaeology-black-seas-ancient-coast-found-report)

## Parzival and the quest for the Grail mystery

Wolfram von Eschenbach

A major theme in *Parzival* is love: heroic acts of chivalry are inspired by true love, which is ultimately fulfilled in marriage. [1] The story goes: you cannot find »Grail Castle«<sup>32</sup> unless Castle calls you. [2]



*King Arthur and his knights sit at the Round Table. Castel Roncolo [pic.001]*

Some footprints in Slovenian landscape [2]:

1. Parzival's grandfather Gandin and his kingdom (Hajdina, Ptuj), where Grajena flows into Drava,
2. Terra de Zal-Waesche (surroundings of mountain Boc, Mont-Zal-Boc),
3. Fontana de Zal-Waesche (fountain of Studenice, Belojaca near Makole, Trevrizent?),
4. Mount Rohas (Rogaska - Donacka mountain, Rogatec, Rogaska Slatina),
5. Red knight Ither from Kukumerland (region of Krka river),
6. Identity of the Grail knight Lohengrin, Parzival's son, found in the ancient Studenice legend about the lake inside mountain Boc, on the lake the boat with vigilant knight pulled by the swan.

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<sup>32</sup> Materialized Grail Castle = Runkelstein Castle (*Castel Roncolo*) - is located on a rocky spur in the territory of Ritten, near the city of Bolzano in South Tyrol, Italy.

- Anchor on the shield of Gahmuret, Parzival's father, builder of the ancient tower in the middle of the Castle Borl-Ankenstein. (Anken comes from German *Anker*: anchor).



Red Knight, Parzival from Castle Borl-Ankenstein and King Arthur.  
Castel Roncolo. [pic.002]

- First written at the end of 12th century, Parzival drama unfolded 12 generation earlier, Eschenbach reveals, in the early part of 9th century, the time of Carantania. Footprints about the timeless story of the Quest for Grail in Dravinja valley, Ptujsko polje and Haloze....?

From Wikipedia, the free encyclopedia [1]

*Parzival* begins with the knightly adventures of Parzival's father, Gahmuret, his marriage to Herzeloide, and the birth of Parzival. The story continues, where Chrétien's story begins, as Parzival meets three elegant knights, decides to seek King Arthur, and continues a spiritual and physical search for the Grail. As in the extant copies of Chrétien's tale a long section is devoted to Parzival's friend Gawain and his adventures defending himself from a false murder charge and winning the hand of the maiden Orgeluse. Among the most striking elements of the work are its emphasis on the importance of humility, compassion, sympathy and the quest for spirituality.

### Structure

*Parzival* is divided into sixteen books, each composed of several thirty-line stanzas of rhyming couplets. The stanza lengths fit perfectly onto a manuscript page. For the subject matter Wolfram von Eschenbach largely adapted the Grail romance, *Perceval, the Story of the Grail*, left incomplete by Chrétien de Troyes. Wolfram claimed that a certain Kyot the Provençal supplied additional material drawn from

Arabic and Angevin sources but most scholars now consider Kyot to be Wolfram's invention and part of the fictional narrative.



Three Carantanian giants [Carantania, the first Slovenian state] appear between a group of knights in armour, while an unidentified knight greets King Arthur Murals. Castel Roncolo. [pic.003]

### Background and early life

Book I opens with the death of King Gandin, Parzival's grandfather. His oldest son, Galoes, receives the kingdom but offers his brother Gahmuret the land of Anjou in fief. However, Gahmuret departs to gain renown. He travels to the African kingdom of Zazamanc, whose capital is besieged by two different armies. Gahmuret offers his services to the city, and his offer is accepted by Queen Belacane. He conquers the invaders, marries Queen Belacane, and becomes king of Zazamanc and Azagouc. Growing bored with peace, Gahmuret steals away on a ship, abandoning his pregnant wife. Belacane later gives birth to a son, Feirefiz (whose skin is mottled black and white).

In Book II, Gahmuret returns to the West, where he meets and marries Queen Herzeloide. Ever restless, however, he soon returns to fight for the Baruch in the Far East, where he is later killed by a treacherous acquaintance.

Book III tells of how the pregnant Herzeloide, grief-stricken at her husband's death, retires to a secluded forest dwelling and vows to protect her new child, Parzival, from the ways of knighthood at all costs by raising him entirely ignorant of chivalry and the ways of men. His seclusion is shattered by three knights passing

who tell him of King Arthur's court at Camelot. Enamored, he decides to go join Arthur's court. His mother is heartbroken at the news of his decision but allows him to depart, dressing him in fool's garments in the hopes that the knights will refuse to take him in. Soon after his departure she dies, utterly bereft.

### **Beginnings of knighthood**

The first part of the journey takes place completely in the world of King Arthur, where the colourful and strange appearance of Parzival awakens the interest of the court. After becoming entangled in courtly intrigue between Duke Orilus and his wife Jeschute he meets his cousin Sigune who reveals to him his true name. Parzival also fights and kills Ither, the red knight of Kukumerlant. Putting on the red knight's armor he rides away from the court and meets Gurnemanz, from whom he learns the duties of a knight, especially self-control and moderation. Gurnemanz also advises him to avoid impudent curiosity.

In Book IV Parzival meets and falls in love with the maiden Condwiramurs when he lends his aid to her town, which is under siege. They marry but he leaves soon afterwards to seek news of his mother.

In Book V he arrives at the castle of the Grail. He does not ask his host, the Fisher King Anfortas, about his mysterious wound, however, or about the magical objects paraded before him, remembering Gurnemanz's advice to be not too curious. The next morning Parzival finds himself completely alone in a totally deserted castle, leading him to speculate that his experiences of the previous night were an illusion conjured by malevolent spirits to snare him.



A wounded knight is found by a knight of King Arthur's court. Castel Roncolo. [pic.004]

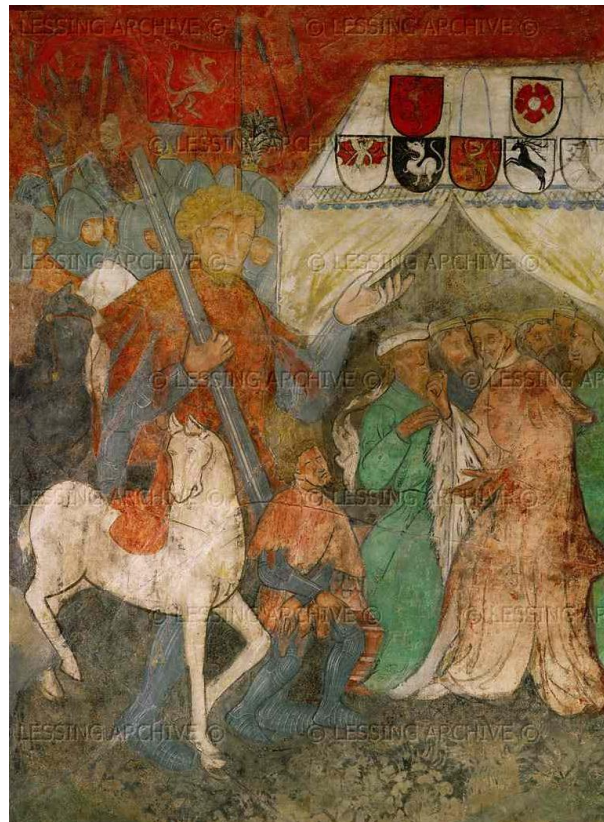
### **Return to Arthur's court**

Parzival returns to the world of Arthur and again meets Sigune, who tells him of how he should have asked the lord of the castle a question, but does not specify.

She then vows to never speak to him again. He also meets Jeschute again, who was unwittingly humiliated by him the last time, and defeats Orilus in single combat. Eventually Parzival renews the marriage of Jeschute and Orilus.

Parzival returns in Book VI as a perfect potential member of the Round Table to King Arthur. But during a festive meal, Cundrie, messenger of the grail, appears, curses Parzival in the name of the grail and claims that Parzival had lost his honour. Parzival immediately leaves the court even though he is not able to understand his guilt.

Gawan takes over as the central figure of Books VII-VIII as he tries to clear his name of a false charge of murder.



*A giant brings a prisoner and his horse to King Arthur's tent. Castel Roncolo. [pic.005]*

### **The Grail quest**

In Book IX, we learn that Parzival fights for the good but suffers from his alienation from God. After nearly five years of wandering and fighting, from combat he gains a new horse, owned by a grail knight, and this horse leads him one Good Friday to Trevrizent to whom he introduces himself as a penitent sinner. He stays with this holy man for fourteen days and learns about the hidden meaning of life and the true meaning of the grail, and also is informed that his mother is the sister of the Grail King. He makes a step towards a life of spiritual understanding. Through his loneliness and through his yearning for the grail and for

Condwiramurs he puts himself outside the world of Arthur. He is called to another world, that of the grail.

Books X-XIV tell of Gawain's attempts to win the hand of the maiden Orgeluse. In Book XV, Parzival fights with a knight who is the first to seem more adept than he. Parzival's sword breaks but, instead of slaying him, the other knight sees no honor in such a feat and both retire to the grass. There they learn that they share the same father. "I was against my own self," says Parzival to Feirefiz, his brother from afar. Again Cundrie appears and proclaims now that Parzival's name has appeared on the grail, marking him as the new grail king.

During his journey to the grail in Book XVI Parzival reunites with his wife and takes Feirefiz as a companion. Feirefiz cannot see the grail, but he can see the grail maiden and promptly falls in love with her.



*A battle between knights in armour. Mural illustrating the King Arthur cycle. Castel Roncolo. [pic.006]*

### **Scholarly debates**

Some details of the romance have inspired controversy, partly because the narrative is interspersed with humorous anecdotes by Wolfram. It is not clear whether many of the claims he makes are intended to be taken as fact or as jest.

For example, in one passage he claims to be totally illiterate: whether the original poem was composed as part of an oral tradition or as a written work is a subject of debate among scholars. Wolfram also claimed that a lost Arabic manuscript by a descendant of Solomon was discovered by a certain Kyot the Provençal, though this may have been his way of parodying the dubious veracity of many other Grail texts.



*A knight and some foreign visitors are greeted at the gate of a castle. The King Arthur-cycle. Castel Roncolo. [pic.007]*

### **Women in Parzival**

The place of women in medieval German literature was in general an exalted one and Wolfram as an author reflects this by making womanhood an ideal for his characters. The characters like that of Herzeloide, Sigune and Condwiramurs are not only intimately involved in Parzival's search but also closely related to the Grail itself. The character of Herzeloide, Parzival's mother, is a virtuous woman. With a selfless devotion and the humility which is another vital attribute to the Grail King and as a descendent of the Grail family, she makes both the conscious and unconscious choice to guide Parzival on the quest to take his fated place as next in the lineage. Her advice is interpreted in the context of his finding both love and God as guidance towards better being prepared to take on the Grail. The womanly kinship of Sigune is the next guide that Parzival shall encounter. Her appearance (at three times in the tale) is essential and occurs on each occasion at a significant stage in his progress, at a point when he is in urgent need of some kind of guidance. Her first contribution is to provide Parzival his identity, an essential detail for a man that his mother was not able to impart. She directs him to Arthurs's Court, and in doing so heads him off to the quest. In their second meeting she scolds him for failing to understand the nature of his quest and goal,



ultimately pushing him to the atonement needed to fully grasp his duty as Grail King. Thirdly, the last meeting of Parzival and Sigune is one of quiet recognition, her life a prayer in itself that anticipates the same state for Parzival. The last woman for Parzival is his wife, Condwiramurs. Her role lies in the “love of a devoted wife. She is interesting in that her vitality lies in what she is, rather than her specific guidance to Parzival. The time that Parzival must recognize his inability to possess her, he leaves her and does not return. Her symbolic significance allows her character to be a guide in terms of the readiness of Parzival. Ultimately, both the Grail and Conwiramurs combine to form Parzival’s goal. She spurs him on his quest, and like the Grail itself, is an inspiration and reward. In the end, her guidance is best represented by her name on the Grail as well as Parzival.



*Castel Roncolo - The illustrated castle [pic.008] is home to the largest cycle of secular frescoes in the world. It tells stories about King Arthur's couregous knights and their adventures, the love story of Tristan and Iseult.*

### **A short history**

In 1237 Alderich Prince-Bishop of Trent, authorized the Lords of Wangen to erect a castle on a rocky slap called “runchenstayn” located at a favourable strategic position. In 1277, after a war against Heinrich Prince-Bishop of Trent, Count Meinhard II of Tyrol took possession of the castle and it was handed over in fief to Gottschalk Knoger of Bolzano. In 1385 the castle was bought by Niklaus and Franz Vintler, descendants of a wealthy merchant family. Niklaus was a reliable man, counsellor and financier of the Count of Tyrol, Duke Leopold III of Austria. Thanks to their wealth the Vintlers could realize their aspirations and achieved a higher standard of living than would have been in accordance with their rank.

## Parsifal and the Anckhenstein (Borl) Castle

The Borl Castle sitting on a sixty meters high rock above the Drava river is one of the largest and most visible feudal buildings in Haloze. It was erected on an important river crossing on the border between Štajerska and Hungary in the beginning of the second millennium. The first written mention of the castle dates from 1255 when the Hungarian king Bela IV gave to Friderik of Ptuj the Anckhenstein (Borl) Castle and two other castles as a fief. [1]



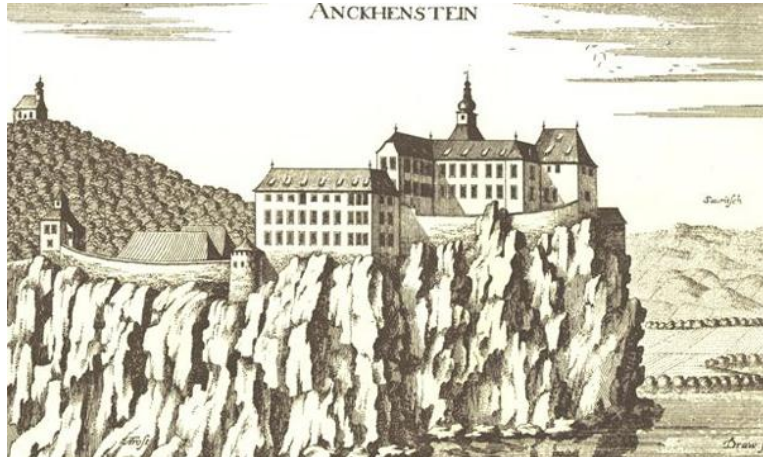
The Borl-Anckhenstein castle [pic.001]

Owners of the castle frequently changed and included Counts of Ptuj, the king Matthias Corvinus (who heavily demolished the castle upon capture), the Scottish count Leslie, Herbersteins, Thurns, Sauers and others. Borl is the building with the thickest castle walls in this part of Europe – tower being the base of the castle has 12 meters thick stone wall. The inner arcade yard with a Baroque tanker carved in solid rock is an interesting sight to see. The castle chapel of the Holy Trinity (now renovated) and the knights' hall were added in the 17th century. [1]



The Borl-Anckhenstein castle [pic.002]

The regional court was in the castle between the 13th century and 1850. Many items disappeared from the castle during the Second World War when the castle was a German camp. Borl was a holiday site after the war and was abandoned when the wooden bridge across Drava collapsed. [1]



1681 (G. M. Vischer, *Topographia Ducatus Stiriae*, 1681) [pic.003]

Today it is owned by the Republic of Slovenia. Weddings, various events and wine tasting take place in the castle. Boryl means crossing a river in Hungarian, while the German name Anckhenstein means anchor again related to crossing of a river. The legend has it that there is a tunnel under the Drava river between the Borl Castle and the Muretinci Castle, however no one has yet found it. Perhaps you will? Several other legends are related to the castle and one of them is linked to Parsifal and the search for the Holy Grail. [1]



The Borl-Anckhenstein castle today in Cirkulane – a settlement in the Haloze area of Slovenia with anchor coat-of-arms. [pic.004]



And the Red Knight with king Arthur. Castel Roncolo [pic.005]

The first is likely the Red Knight of the Forest of Quineroi in Chrétien de Troyes' *Perceval, the Story of the Grail*; he steals a cup from King Arthur and is killed by the protagonist Perceval, who wears his armor and comes to be known as the Red Knight himself. In Wolfram von Eschenbach's *Parzival*, a retelling of Chrétien, the Red Knight is identified as Sir Ither, the Red Knight of Kukumerlant, a cousin to both Arthur and Parzival. He is killed by Sir Gawain. [2]

Green Knight, Red Knight, Blue Knight and Black Knight were brothers. [3]

## Parzifal's transcendental love and the Holy Grail legends

### Tristan and Isolde [4]

The tragic love story of **Tristan and Isolde** has been told and retold through various stories and manuscripts. It takes place during medieval times during the reign of King Arthur. Isolde of Ireland was the daughter of the King of Ireland. She was betrothed to King Mark of Cornwall. King Mark sent his nephew, Tristan, to Ireland to escort Isolde back to Cornwall.

During the voyage, Isolde and Tristan fell forever in love. Isolde did marry Mark of Cornwall, but could not help but love Tristan. The love affair continued after the marriage. When King Mark finally learned of the affair, he forgave Isolde, but Tristan was banned from Cornwall. Tristan went to Brittany. There he met Iseult of Brittany. He was attracted to her because of the similarity of her name to his true love. He married her, but did not consummate the marriage because of his love for the "true" Isolde.



[pic.004] *Tristan and Isolde*

### Romeo and Juliet [1]

In the streets of Verona another brawl breaks out between the servants of the feuding noble families of Capulet and Montague. Benvolio, a Montague, tries to stop the fighting, but is himself embroiled when the rash Capulet, Tybalt, arrives on the scene. After citizens outraged by the constant violence beat back the warring factions, Prince Escalus, the ruler of Verona, attempts to prevent any further conflicts between the families by decreeing death for any individual who disturbs the peace in the future.

Romeo, the son of Montague, runs into his cousin Benvolio, who had earlier seen Romeo moping in a grove of sycamores. After some prodding by Benvolio, Romeo confides that he is in love with Rosaline, a woman who does not return his

affections. Benvolio counsels him to forget this woman and find another, more beautiful one, but Romeo remains despondent.

Meanwhile, Paris, a kinsman of the Prince, seeks Juliet's hand in marriage. Her father Capulet, though happy at the match, asks Paris to wait two years, since Juliet is not yet even fourteen. Capulet dispatches a servant with a list of people to invite to a masquerade and feast he traditionally holds. He invites Paris to the feast, hoping that Paris will begin to win Juliet's heart.

Romeo and Benvolio, still discussing Rosaline, encounter the Capulet servant bearing the list of invitations. Benvolio suggests that they attend, since that will allow Romeo to compare his beloved to other beautiful women of Verona. Romeo agrees to go with Benvolio to the feast, but only because Rosaline, whose name he reads on the list, will be there.

In Capulet's household, young Juliet talks with her mother, Lady Capulet, and her nurse about the possibility of marrying Paris. Juliet has not yet considered marriage, but agrees to look at Paris during the feast to see if she thinks she *could* fall in love with him.

The feast begins. A melancholy Romeo follows Benvolio and their witty friend Mercutio to Capulet's house. Once inside, Romeo sees Juliet from a distance and instantly falls in love with her; he forgets about Rosaline completely. As Romeo watches Juliet, entranced, a young Capulet, Tybalt, recognizes him, and is enraged that a Montague would sneak into a Capulet feast. He prepares to attack, but Capulet holds him back. Soon, Romeo speaks to Juliet, and the two experience a profound attraction. They kiss, not even knowing each other's names. When he finds out from Juliet's nurse that she is the daughter of Capulet—his family's enemy—he becomes distraught. When Juliet learns that the young man she has just kissed is the son of Montague, she grows equally upset.

As Mercutio and Benvolio leave the Capulet estate, Romeo leaps over the orchard wall into the garden, unable to leave Juliet behind. From his hiding place, he sees Juliet in a window above the orchard and hears her speak his name. He calls out to her, and they exchange vows of love.

Romeo hurries to see his friend and confessor Friar Lawrence, who, though shocked at the sudden turn of Romeo's heart, agrees to marry the young lovers in secret since he sees in their love the possibility of ending the age-old feud between Capulet and Montague. The following day, Romeo and Juliet meet at Friar Lawrence's cell and are married. The Nurse, who is privy to the secret, procures a ladder, which Romeo will use to climb into Juliet's window for their wedding night. The next day, Benvolio and Mercutio encounter Tybalt—Juliet's cousin—who, still enraged that Romeo attended Capulet's feast, has challenged Romeo to a duel. Romeo appears. Now Tybalt's kinsman by marriage, Romeo begs the Capulet to hold off the duel until he understands why Romeo does not want to fight. Disgusted with this plea for peace, Mercutio says that he will fight Tybalt himself. The two begin to duel. Romeo tries to stop them by leaping between the

combatants. Tybalt stabs Mercutio under Romeo's arm, and Mercutio dies. Romeo, in a rage, kills Tybalt. Romeo flees from the scene. Soon after, the Prince declares him forever banished from Verona for his crime. Friar Lawrence arranges for Romeo to spend his wedding night with Juliet before he has to leave for Mantua the following morning.

In her room, Juliet awaits the arrival of her new husband. The Nurse enters, and, after some confusion, tells Juliet that Romeo has killed Tybalt. Distraught, Juliet suddenly finds herself married to a man who has killed her kinsman. But she resettles herself, and realizes that her duty belongs with her love: to Romeo.

Romeo sneaks into Juliet's room that night, and at last they consummate their marriage and their love. Morning comes, and the lovers bid farewell, unsure when they will see each other again. Juliet learns that her father, affected by the recent events, now intends for her to marry Paris in just three days. Unsure of how to proceed—unable to reveal to her parents that she is married to Romeo, but unwilling to marry Paris now that she is Romeo's wife—Juliet asks her nurse for advice. She counsels Juliet to proceed as if Romeo were dead and to marry Paris, who is a better match anyway. Disgusted with the Nurse's disloyalty, Juliet disregards her advice and hurries to Friar Lawrence. He concocts a plan to reunite Juliet with Romeo in Mantua. The night before her wedding to Paris, Juliet must drink a potion that will make her appear to be dead. After she is laid to rest in the family's crypt, the Friar and Romeo will secretly retrieve her, and she will be free to live with Romeo, away from their parents' feuding.

Juliet returns home to discover the wedding has been moved ahead one day, and she is to be married tomorrow. That night, Juliet drinks the potion, and the Nurse discovers her, apparently dead, the next morning. The Capulets grieve, and Juliet is entombed according to plan. But Friar Lawrence's message explaining the plan to Romeo never reaches Mantua. Its bearer, Friar John, gets confined to a quarantined house. Romeo hears only that Juliet is dead.

Romeo learns only of Juliet's death and decides to kill himself rather than live without her. He buys a vial of poison from a reluctant Apothecary, then speeds back to Verona to take his own life at Juliet's tomb. Outside the Capulet crypt, Romeo comes upon Paris, who is scattering flowers on Juliet's grave. They fight, and Romeo kills Paris. He enters the tomb, sees Juliet's inanimate body, drinks the poison, and dies by her side. Just then, Friar Lawrence enters and realizes that Romeo has killed Paris and himself. At the same time, Juliet awakes. Friar Lawrence hears the coming of the watch. When Juliet refuses to leave with him, he flees alone. Juliet sees her beloved Romeo and realizes he has killed himself with poison. She kisses his poisoned lips, and when that does not kill her, buries his dagger in her chest, falling dead upon his body.

The watch arrives, followed closely by the Prince, the Capulets, and Montague. Montague declares that Lady Montague has died of grief over Romeo's exile. Seeing their children's bodies, Capulet and Montague agree to end their long-

standing feud and to raise gold statues of their children side-by-side in a newly peaceful Verona.



[pic.001] *Romeo and Juliet*

#### Orpheus and Eurydice [4]

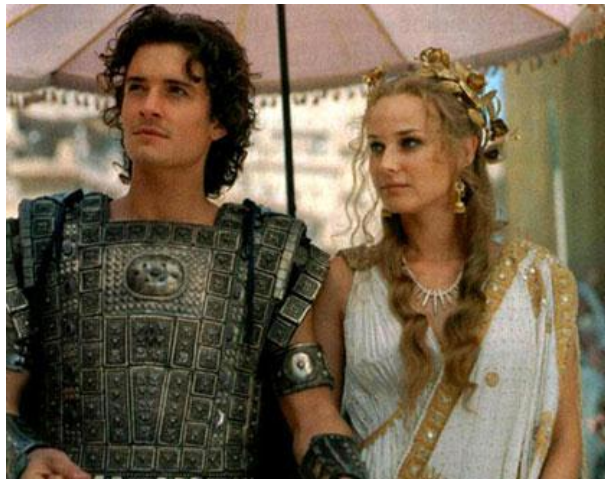
**Orpheus and Eurydice story** is an ancient greek tale of **desperate love**. Orpheus fell deeply in love with and married Eurydice, a beautiful nymph. They were very much in love and very happy together. Aristaeus, a Greek god of the land and agriculture, became quite fond of Eurydice, and actively pursued her. While fleeing from Aristaeus, Eurydice ran into a nest of snakes which bit her fatally on her legs. Distraught, Orpheus played such sad songs and sang so mournfully that all the nymphs and gods wept. On their advice, Orpheus traveled to the underworld and by his music softened the hearts of Hades and Persephone (he was the only person ever to do so), who agreed to allow Eurydice to return with him to earth on one condition: he should walk in front of her and not look back until they both had reached the upper world. In his anxiety he forgot that both needed to be in the upper world, and he turned to look at her, and she vanished for the second time, but now forever.



[pic.006] *Orpheus and Eurydice*

#### Menelaos and Helena [4]

Recounted in Homer's Iliad, **the story of Helen of Troy and the Trojan War** is a Greek heroic legend, combining fact and fiction. Helen of Troy is considered one of the most beautiful women in all literature. She was married to Menelaus, king of Sparta. Paris, son of King Priam of Troy, fell in love with Helen and abducted her, taking her back to Troy. The Greeks assembled a great army, led by Menelaus's brother, Agamemnon, to retrieve Helen. Troy was destroyed. Helen returned safely to Sparta, where she lived happily with Menelaus for the rest of her life.



[pic.005] Paris and Helena

#### Rama and Sita [3]

A good man, called Rama, was married to a beautiful princess, called Sita. They had been banished to live in the forest with his brother, Lakshman, by his stepmother, as she wanted her son to be King. Ravana, the Demon king with ten heads, heard of Sita's beauty and goodness and planned to kidnap her.

By magic, he conjured up a golden fawn. She asked Rama to capture it. The demon king disguised himself as an old man and tricked Sita. He kidnapped her and flew away on his chariot back to his island, Lanka. Rama and Lakshman searched many months for Sita. Finally, they asked Hanuman, king of the monkey army, for help. Hanuman could fly. He found Sita imprisoned on the island of Lanka. Hanuman, Rama and Lakshman prepared themselves for battle. This was one of the greatest battles ever seen. The fighting lasted for ten whole days. It looked as though Ravana was going to win, until Rama borrowed a special bow and arrow from the gods. Rama shot Ravana and the battle was won.

Sita endures the trial by fire (Agni Pariksha) to prove her chastity. Once she had witnessed the acceptance of her children by Rama, Sita sought final refuge in the arms of her mother Bhumi Devi, the Goddess Mother Earth.





[pic.003] Rama and Sita

After falling ill, he sent for Isolde in hopes that she would be able to cure him. If she agreed to come, the returning ship's sails would be white, or the sails would be black if she did not agree. Iseult, seeing the white sails, lied to Tristan and told him that the sails were black. He died of grief before Isolde could reach him. Isolde died soon after of a broken heart.

### **Odysseus and Penelope [5]**

After being torn apart, they wait twenty long years to be reunited. War takes Odysseus away shortly after his marriage to Penelope. Although she has little hope of his return, she resists the 108 suitors who are anxious to replace her husband. Thus, due to the fact that he [Odysseus] had not been faithful, upon his return from the Trojan War, he decides to test the loyalty of his wife. He returns disguised as a beggar and Penelope is not able to identify him. In deed, she tells the disguised Odysseus that any suitor who will defeat his husband, she will agree to marry him. She says "whoever can string Odysseus's rigid bow and shoot an arrow through twelve axe shafts may have her hand". In addition, Odysseus tests the level of loyalty to his servants. He goes a step ahead to even kill those servants who had not been faithful to him. This includes even the killing of all the suitors who were in the bid to take his wife away.



[pic.006] Odysseus, shoot an arrow through a line of twelve axes

## Eros and Psyche [2]

Once upon a time there was a king with three daughters. They were all beautiful, but by far the most beautiful was the youngest, Psyche. She was so beautiful that people began to neglect the worship of Venus, the goddess of love and beauty. Venus was very jealous, and asked her son Cupid (the boy with the arrows) to make Psyche fall in love with a horrible monster.

When he saw how beautiful she was, Cupid dropped the arrow meant for her and pricked himself, and fell in love with her. Despite her great beauty no-one wanted to marry Psyche. Her parents consulted an oracle, and were told that she was destined to marry a monster, and they were to take her to the top of a mountain and leave her there. The west wind took her and wafted her away to a palace, where she was waited on by invisible servants. When night came her new husband visited her, and told her that he would always visit her by night and she must never try to see him. Although her invisible husband was kind and gentle with her, and the invisible servants attended to her every desire, Psyche grew homesick. She persuaded her husband to allow her sisters to visit her. When they saw how she lived they became very jealous and talked Psyche into peeking at her husband, saying that he was a monster who was fattening her up to be eaten and that her only chance of safety was to kill him. Psyche took a lamp and a knife, but when she saw her beautiful husband, Cupid, she was so surprised she dripped some hot wax onto his shoulder, waking him. He took in the situation at a glance and immediately left Psyche and the magnificent palace she had been living in disappeared in a puff of smoke. Psyche roamed about looking for her husband, and eventually in desperation approached his mother, Venus.

Still angry, the goddess set various tasks for Psyche, all of which she passed, with a bit of help from ants and river gods. At last Cupid found out what was going on, and he persuaded Jupiter to order Venus to stop her persecution of Psyche. Then they were married and lived happily ever after - and it really was ever after since Psyche was made a goddess.



[pic.002] Eros and Psyche

## Zdravljica, the mantra of the new golden age

*Žive naj vsi naródi  
Ki hrepené dočakat' dan,  
De koder súnca hódí,<sup>?</sup>  
Prepir iz svéta bó pregrán,  
De rojáh  
Prost bo vsak,  
Ne vrág, ke sósed bo móják.*

Zdravljica november 1844

1.  
Prijatljí! obrodile,  
so trte vince nam sladkó,  
ki nam oživlja žile,  
srce razjásni in oko,  
ki utopi  
vse skrbi,  
v potrtih prsih up budi!  
The vintage, friends, is over,  
And here sweet wine makes, once again,  
Sad eyes and hearts recover  
Puts fire into every vein.  
Drowns dull care  
Everywhere  
And summons hope out of despair.
2.  
Komú narpred veselo  
zdravico, bratje! čmo zapét'?  
Bog našo nam deželo,  
Bog živi ves slovenski svet,  
brate vse,  
kar nas je  
sinov sloveče matere!  
To whom with acclamation  
And song shall we our first toast give?  
God save our land and nation  
And all Slovenes where'er they live,  
Who own the same  
Blood and name,  
And who one glorious Mother claim.
3.  
V sovražnike 'z oblakov  
rodú naj naš'ga trešči gróm,  
prost, ko je bil očakov,  
naprej naj bo Slovincov dom;  
naj zdrobé  
njih roké  
si sponé, ki jim še težé!  
Let thunder out of heaven  
Strike down and smite our wanton foe!  
Now, as it once had thriven,  
May our dear realm in freedom grow.  
May fall the last  
Chains of the past  
Which bind us still and hold us fast!
4.  
Edinost, sreča, sprava  
k nam naj nazaj se vrnejo;  
otrók, kar ima Slava,  
vsi naj si v róke sežejo,  
de oblast  
in z njo čast,  
ko préd, spet naša bode last!  
Let peace, glad conciliation,  
Come back to us throughout the land!  
Towards their destination  
Let Slavs henceforth go hand-in-hand!  
Thus again  
Will honour reign  
To justice pledged in our domain.

5.

Bog živi vas Slovenke,  
prelepe, žlahtne rožice;  
ni take je mladenke,  
ko naše je krvi dekle;  
naj sinóv  
zarod nov  
iz vas bo strah sovražnikov!

To you, our pride past measure,  
Our girls! Your beauty, charm and grace!  
There surely is no treasure  
To equal maidens of such race.  
Sons you'll bear,  
Who will dare  
Defy our foe no matter where.

6.

Mladenči, zdaj se pije  
zdravica vaša, vi naš up;  
ljubezni domačije  
noben naj vam ne usmrti strup;  
ker po nas  
bode vas  
jo sŕčno bránit klical čas!

Our hope now, our to-morrow -  
The youths - we toast and toast with joy.  
No poisonous blight or sorrow  
Your love of homeland shall destroy.  
With us indeed  
You're called to heed  
Its summons in this hour of need.

7.

Živé naj vsi naródi,  
ki hrepené dočakat dan,  
da, koder sonce hodi,  
prepir iz svéta bo pregnan,  
da rojak  
prost bo vsak,  
ne vrag, le sosed bo mejak!

God's blessing on all nations,  
Who long and work for that bright day,  
When o'er earth's habitations  
No war, no strife shall hold its sway;  
'Who long to see  
That all men free,  
No more shall foes, but neighbours be.

8.

Nazadnje še, prijatlji,  
kozarce zase vzdignimo,  
ki smo zato se zbrat'li,  
ker dobro v srcu mislimo;  
dókaj dni  
naj živí  
vsak, kar nas dobrih je ljudi!

At last to our reunion -  
To us the toast! Let it resound,  
Since in this great communion  
By thoughts of brotherhood we're bound  
May joyful cheer  
Ne'er disappear  
From all good hearts now gathered here.

*France Prešern, translation by Janko Lavrin*<sup>33</sup>

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<sup>33</sup> 7.2.2012 \_\_\_\_\_  
<http://en.wikipedia.org/wiki/Zdravljica>

And let me greet YOU at the end, as it should be:

OSTI JAREJ<sup>34</sup> [remain young and healthy forever]



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<sup>34</sup> "Osti jarej" is a short inscription on an ancient jug for pouring drinks. It was found in the modern-day Slovenian territory near Škocjan in the Kras region in 1911. The 2,500 year old jug is being preserved in a museum in Trieste. \_\_\_ [http://www.misteriji.si/art/Letnik\\_2011/Misteriji\\_217](http://www.misteriji.si/art/Letnik_2011/Misteriji_217)

## Dictionary - Homeostasis

From Wikipedia, the free encyclopedia

**Homeostasis** (from Greek: ὁμοιος, "hómoios", "similar", and στάσις, *stásis*, "standing still") is the property of a system that regulates its internal environment and tends to maintain a stable, relatively constant condition of properties such as temperature or pH. It can be either an open or closed system. In simple terms, it is a process in which the body's internal environment is kept stable. It was defined by Claude Bernard and later by Walter Bradford Cannon in 1926, 1929 and 1932.

Typically used to refer to a living organism, the concept came from that of milieu intérieur that was created by Claude Bernard and published in 1865. Multiple dynamic equilibrium adjustment and regulation mechanisms make homeostasis possible.

## Biological

Further information: Human homeostasis

With regard to any given life system an organism may be a *conformer* or a *regulator*. Regulators try to maintain parameters at a constant level over possibly wide ambient environmental variations. Conformers allow the environment to determine parameters. For instance, endothermic animals (mammals and birds) maintain a constant body temperature, while ectothermic animals (almost all other organisms) exhibit wide body temperature variation.

Behavioral adaptations allow ectothermic animals to exert some control over a given parameter. For instance, reptiles often rest on sun-heated rocks in the morning to raise their body temperature. Regulators are also responsive to external circumstances, however: if the same sun-baked boulder happens to host a ground squirrel, the animal's metabolism will adjust to the lesser need for internal heat production.



Thermal image of a cold-blooded tarantula (ectothermic) on a warm-blooded human hand (endothermic).

An advantage of homeostatic regulation is that it allows an organism to function effectively in a broad range of environmental conditions. For example, ectotherms tend to become sluggish at low temperatures, whereas a co-located endotherm may be fully active. That thermal stability comes at a price since an automatic

regulation system requires additional energy. One reason snakes may eat only once a week is that they use much less energy to maintain homeostasis.

Most homeostatic regulation is controlled by the release of hormones into the bloodstream. However, other regulatory processes rely on simple diffusion to maintain a balance.

Homeostasis includes regulation of the pH of the blood at 7.365 (a measure of alkalinity and acidity). All animals also regulate their blood glucose, as well as the concentration of their blood. Mammals regulate their blood glucose with insulin and glucagon. The human body maintains glucose levels constant most of the day, even after a 24-hour fast. Even during long periods of fasting, glucose levels are reduced only very slightly.<sup>[7]</sup> Insulin, secreted by the beta cells of the pancreas, effectively transports glucose to the body's cells by instructing those cells to keep more of the glucose for their own use (see Dynamic equilibrium). If the glucose inside the cells is high, the cells will convert it to the insoluble glycogen to prevent the soluble glucose from interfering with cellular metabolism. Ultimately this lowers blood glucose levels, and insulin helps to prevent hyperglycemia. When insulin is deficient or cells become resistant to it, diabetes occurs. Glucagon, secreted by the alpha cells of the pancreas, encourages cells to break down stored glycogen or convert non-carbohydrate carbon sources to glucose via gluconeogenesis, thus preventing hypoglycemia. The kidneys are used to remove excess water and ions from the blood. These are then expelled as urine. The kidneys perform a vital role in homeostatic regulation in mammals, removing excess water, salt, and urea from the blood. These are the body's main waste products.

Another homeostatic regulation occurs in the gut. Homeostasis of the gut is not fully understood but it is believed that Toll-like receptor (TLR) expression profiles contribute to it. Intestinal epithelial cells exhibit important factors that contribute to homeostasis: 1) They have different cellular distribution of TLR's compared to the normal gut mucosa. An example of this is how TLR5 (activated by flagellin) can redistribute to the basolateral membrane, which is the perfect place where flagellin can be detected. 2) The enterocytes express high levels of TLR inhibitor Toll-interacting protein (TOLLIP). TOLLIP is a human gene that is a part of the innate immune system and is highest in a healthy gut; it correlates to luminal bacterial load.<sup>[8]</sup> 3) Surface enterocytes also express high levels of Interleukin-1 receptor (IL-1R) -containing inhibitory molecule. IL-1R are also referred to as single immunoglobulin IL-1R (SIGIRR). Animals deficient in this are more susceptible to induced colitis, implying that SIGIRR might possibly play a role in tuning mucosal tolerance towards commensal flora. Nucleotide-binding oligomerisation domain containing 2 (NOD2) is suggested to have an effect on suppressing inflammatory cascades based on recent evidence. It is believed to modulate signals transmitted through TLRs, TLR3, 4, and 9 specifically. Mutation of it has resulted in Crohn's disease. Excessive T-helper 1 responses to resident flora in the gut are controlled by inhibiting the controlling influence of regulatory T cells and tolerance-inducing dendritic cells.

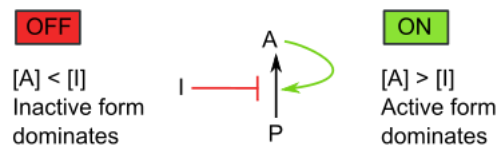
Sleep timing depends upon a balance between homeostatic sleep propensity, the need for sleep as a function of the amount of time elapsed since the last adequate sleep episode, and circadian rhythms that determine the ideal timing of a correctly structured and restorative sleep episode.

### Control mechanisms

All homeostatic control mechanisms have at least three interdependent components for the variable being regulated: The receptor is the sensing component that monitors and responds to changes in the environment. When the receptor senses a stimulus, it sends information to a "control center", the component that sets the range at which a variable is maintained. The control center determines an appropriate response to the stimulus. In most homeostatic mechanisms, the control center is the brain. The control center then sends signals to an effector, which can be muscles, organs or other structures that receive signals from the control center. After receiving the signal, a change occurs to correct the deviation by either enhancing it with positive feedback or depressing it with negative feedback.

#### Positive feedback

Positive feedback in a bistable switch



Positive feedback is a mechanism by which an output is enhanced, such as protein levels. However, in order to avoid any fluctuation in the protein level, the mechanism is inhibited stochastically (I), therefore when the concentration of the activated protein (A) is past the threshold ([I]), the loop mechanism is activated and the concentration of A increases exponentially if  $d[A]=k[A]$

Positive feedback mechanisms are designed to accelerate or enhance the output created by a stimulus that has already been activated.

Unlike negative feedback mechanisms that initiate to maintain or regulate physiological functions within a set and narrow range, the positive feedback mechanisms are designed to push levels out of normal ranges. To achieve this purpose, a series of events initiates a cascading process that builds to increase the effect of the stimulus. This process can be beneficial but is rarely used by the body due to risks of the acceleration's becoming uncontrollable.

One positive feedback example event in the body is blood platelet accumulation, which, in turn, causes blood clotting in response to a break or tear in the lining of blood vessels. Another example is the release of oxytocin to intensify the contractions that take place during childbirth.



## **Negative feedback**

Negative feedback mechanisms consist of reducing the output or activity of any organ or system back to its normal range of functioning. A good example of this is regulating blood pressure. Blood vessels can sense resistance of blood flow against the walls when blood pressure increases. The blood vessels act as the receptors and they relay this message to the brain. The brain then sends a message to the heart and blood vessels, both of which are the effectors. The heart rate would decrease as the blood vessels increase in diameter (known as vasodilation). This change would cause the blood pressure to fall back to its normal range. The opposite would happen when blood pressure decreases, and would cause vasoconstriction.

Another important example is seen when the body is deprived of food. The body would then reset the metabolic set point to a lower than normal value. This would allow the body to continue to function, at a slower rate, even though the body is starving. Therefore, people who deprive themselves of food while trying to lose weight would find it easy to shed weight initially and much harder to lose more after. This is due to the body readjusting itself to a lower metabolic set point to allow the body to survive with its low supply of energy. Exercise can change this effect by increasing the metabolic demand.

Another good example of negative feedback mechanism is temperature control. The hypothalamus, which monitors the body temperature, is capable of determining even the slightest variation of normal body temperature (37 degrees Celsius). Response to such variation could be stimulation of glands that produce sweat to reduce the temperature or signaling various muscles to shiver to increase body temperature.

Both feedbacks are equally important for the healthy functioning of one's body. Complications can arise if any of the two feedbacks are affected or altered in any way.

## **Homeostatic imbalance**

Many diseases are a result of disturbance of homeostasis, a condition known as homeostatic imbalance. As it ages, every organism will lose efficiency in its control systems. The inefficiencies gradually result in an unstable internal environment that increases the risk for illness. In addition, homeostatic imbalance is also responsible for the physical changes associated with aging. Even more serious than illness and other characteristics of aging is death. Heart failure has been seen where nominal negative feedback mechanisms become overwhelmed, and destructive positive feedback mechanisms then take over.

Diseases that result from a homeostatic imbalance include diabetes, dehydration, hypoglycemia, hyperglycemia, gout, and any disease caused by a toxin present in the bloodstream. All of these conditions result from the presence of an increased amount of a particular substance. In ideal circumstances, homeostatic control

mechanisms should prevent this imbalance from occurring, but, in some people, the mechanisms do not work efficiently enough or the quantity of the substance exceeds the levels at which it can be managed. In these cases, medical intervention is necessary to restore the balance, or permanent damage to the organs may result.

According to the following citation, every illness has aspects to it that are a result of lost homeostasis:

"Just as we live in a constantly changing world, so do the cells and tissues survive in a constantly changing microenvironment. The 'normal' or 'physiologic' state then is achieved by adaptive responses to the ebb and flow of various stimuli permitting the cells and tissues to adapt and to live in harmony within their microenvironment. Thus, homeostasis is preserved. It is only when the stimuli become more severe, or the response of the organism breaks down, that disease results - a generalization as true for the whole organism as it is for the individual cell."

### Varieties

The Dynamic Energy Budget theory for metabolic organization delineates structure and (one or more) reserves in an organism. Its formulation is based on three forms of homeostasis:

- **Strong homeostasis**, whereas structure and reserve do not change in composition. Because the amount of reserve and structure can vary, this allows a particular change in the composition of the whole body (as explained by the Dynamic Energy Budget theory).
- **Weak homeostasis**, wherein the ratio of the amounts of reserve and structure becomes constant as long as food availability is constant, even when the organism grows. This means that the whole body composition is constant during growth in constant environments.
- **Structural homeostasis**, wherein the sub-individual structures grow in harmony with the whole individual; the relative proportions of the individuals remain constant.

### Ecological

The concept of homeostasis is central to the topic of Ecological Stoichiometry. There it refers to the relationship between the chemical composition of an organism and the chemical composition of the nutrients it consumes. Stoichiometric homeostasis helps explain nutrient recycling and population dynamics.

Historically, ecological succession was seen as having a stable end-stage called the climax (see Frederic Clements), sometimes referred to as the 'potential biodiversity' of a site, shaped primarily by the local climate. This idea has been

largely abandoned by modern ecologists in favor of nonequilibrium ideas of how ecosystems function, as most natural ecosystems experience disturbance at a rate that makes a "climax" community unattainable.

Only on small, isolated habitats known as ecological islands can the phenomenon be observed. One such case study is the island of Krakatoa after its major eruption in 1883: the established stable homeostasis of the previous forest climax ecosystem was destroyed, and all life was eliminated from the island. In the years after the eruption, Krakatoa went through a sequence of ecological changes in which successive groups of new plant or animal species followed one another, leading to increasing biodiversity and eventually culminating in a re-established climax community. This *ecological succession* on Krakatoa occurred in a number of stages; a *seres* is defined as "a stage in a sequence of events by which succession occurs". The complete chain of seres leading to a climax is called a *prisere*. In the case of Krakatoa, the island reached its climax community, with eight hundred different recorded species, in 1983, one hundred years after the eruption that cleared all life off the island. Evidence confirms that this number has been homeostatic for some time, with the introduction of new species rapidly leading to elimination of old ones. The evidence of Krakatoa, and other disturbed island ecosystems, has confirmed many principles of Island Biogeography, mimicking general principles of ecological succession albeit in a virtually closed system comprised almost exclusively of endemic species.

## Biosphere

In the Gaia hypothesis, James Lovelock stated that the entire mass of living matter on Earth (or any planet with life) functions as a vast homeostatic superorganism that actively modifies its planetary environment to produce the environmental conditions necessary for its own survival. In this view, the entire planet maintains homeostasis. Whether this sort of system is present on Earth is still open to debate. However, some relatively simple homeostatic mechanisms are generally accepted. For example, it is sometimes claimed that when atmospheric carbon dioxide levels rise, certain plants are able to grow better and thus act to remove more carbon dioxide from the atmosphere<sup>[dubious - discuss]</sup>. However, warming has exacerbated droughts, making water the actual limiting factor on land. When sunlight is plentiful and atmospheric temperature climbs, it has been claimed that the phytoplankton of the ocean surface waters may thrive and produce more dimethyl sulfide, DMS. The DMS molecules act as cloud condensation nuclei, which produce more clouds, and thus increase the atmospheric albedo, and this feeds back to lower the temperature of the atmosphere. However, rising sea temperature has stratified the oceans, separating warm, sunlit waters from cool, nutrient-rich waters. Thus, nutrients have become the limiting factor, and plankton levels have actually fallen over the past 50 years, not risen. As scientists discover more about Earth, vast numbers of positive and negative feedback loops are being discovered, that, together, maintain a metastable condition, sometimes within very broad range of environmental conditions. Environmental pressure, such as competition or change in temperature, can lead to adaptation/extinction of species over time.

## Reactive

Example of use: "Reactive homeostasis is an immediate homeostatic response to a challenge such as predation."

However, *any* homeostasis is impossible without reaction - because homeostasis is and must be a "feedback" phenomenon.

The phrase "reactive homeostasis" is simply short for "reactive compensation reestablishing homeostasis", that is to say, "reestablishing a point of homeostasis." - it should not be confused with a separate *kind* of homeostasis or a distinct phenomenon *from* homeostasis; it is simply the compensation (or compensatory) phase of homeostasis.

## Other fields

The term has come to be used in other fields, for example:

### Risk

Main article: Risk homeostasis

An actuary may refer to *risk homeostasis*, where (for example) people that have anti-lock brakes have no better safety record than those without anti-lock brakes, because the former unconsciously compensate for the safer vehicle via less-safe driving habits. Previous to the innovation of anti-lock brakes, certain maneuvers involved minor skids, evoking fear and avoidance: now the anti-lock system moves the boundary for such feedback, and behavior patterns expand into the no-longer punitive area. It has also been suggested that ecological crises are an instance of risk homeostasis in which a particular behavior continues until proven dangerous or dramatic consequences actually occur.

### Stress

Sociologists and psychologists may refer to *stress homeostasis*, the tendency of a population or an individual to stay at a certain level of stress, often generating artificial stresses if the "natural" level of stress is not enough.

Jean-François Lyotard, a postmodern theorist, has applied this term to societal 'power centers' that he describes as being 'governed by a principle of homeostasis,' for example, the scientific hierarchy, which will sometimes ignore a radical new discovery for years because it destabilises previously accepted norms. (See *The Postmodern Condition: A Report on Knowledge* by Jean-François Lyotard)

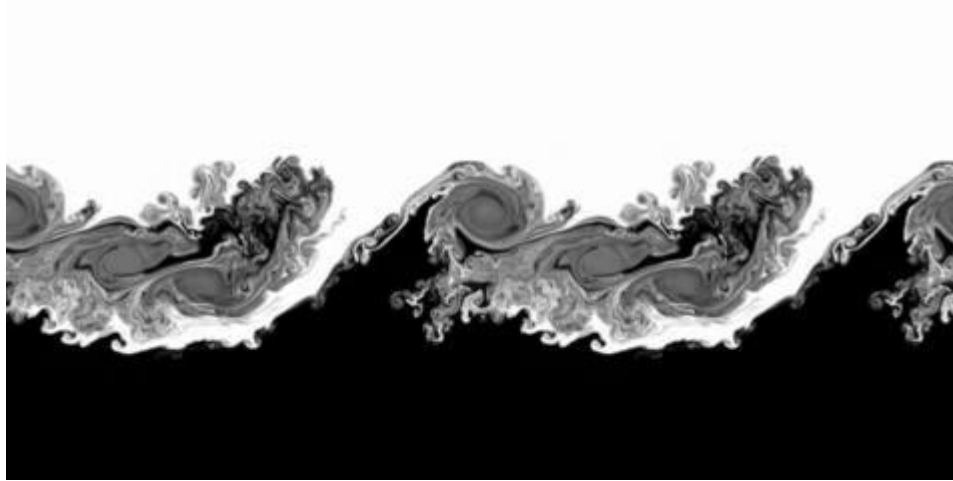
### Psychological

Author George Leonard discusses in his book *Mastery* how homeostasis affects our behavior and who we are. He states that homeostasis will prevent our body

from making drastic changes and maintain stability in our lives even if it is detrimental to us. Examples include when an obese person starts exercising, homeostasis in the body resists the activity to maintain stability. Another example Leonard uses is an unstable family where the father has been a raging alcoholic and suddenly stops and the son starts up a drug habit to maintain stability in the family. Homeostasis is the main factor that stops people changing their habits because our bodies view change as dangerous unless it is very slow. Leonard discusses this dilemma as the media today only encourages fast change and quick results. The opening of his book aptly describes his despair with the current state of the world and how it is at war with homeostasis. "The trouble is that we have few, if any, maps to guide us on the journey or even to show us how to find the path. The modern world, in fact, can be viewed as a prodigious conspiracy against mastery. We're continually bombarded with the promises of immediate gratification, instant success, and fast, temporary relief, all of which lead in exactly the wrong direction."

## Dictionary - Kelvin–Helmholtz instability

*From Wikipedia, the free encyclopedia*



*Numerical simulation of a temporal Kelvin–Helmholtz instability*

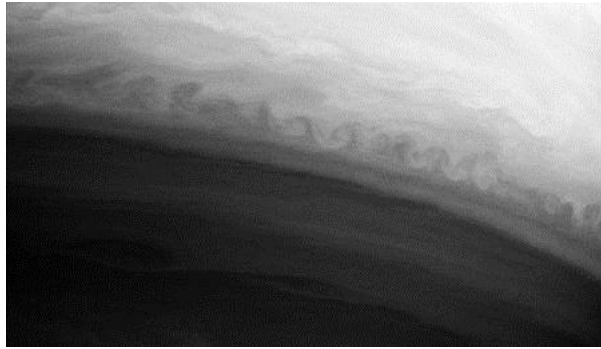
The **Kelvin–Helmholtz instability** (after Lord Kelvin and Hermann von Helmholtz) can occur when there is velocity shear in a single continuous fluid, or where there is a velocity difference across the interface between two fluids. An example is wind blowing over water: The instability manifests in waves on the water surface. More generally, clouds, the ocean, Saturn's bands, Jupiter's Red Spot, and the sun's corona show this instability.

The theory predicts the onset of instability and transition to turbulent flow in fluids of different densities moving at various speeds. Helmholtz studied the dynamics of two fluids of different densities when a small disturbance, such as a wave, was introduced at the boundary connecting the fluids.

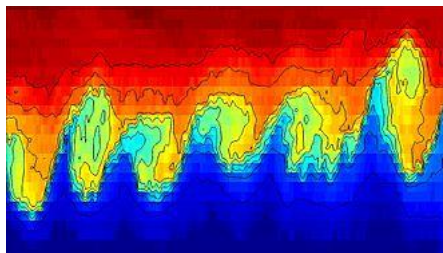


*A KH instability rendered visible by clouds over Mount Duval in Australia*

For some short enough wavelengths, if surface tension is ignored, two fluids in parallel motion with different velocities and densities yield an interface that is unstable for all speeds. Surface tension stabilises the short wavelength instability however, and theory predicts stability until a velocity threshold is reached. The theory with surface tension included broadly predicts the onset of wave formation in the important case of wind over water.



*A KH instability on the planet Saturn, formed at the interaction of two bands of the planet's atmosphere*



*Kelvin-Helmholtz billows 500m deep in the Atlantic Ocean*

In gravity, for a continuously varying distribution of density and velocity (with the lighter layers uppermost, so that the fluid is RT-stable), the dynamics of the KH instability is described by the Taylor–Goldstein equation and its onset is given by a Richardson number,  $Ri$ . Typically the layer is unstable for  $Ri < 0.25$ . These effects are common in cloud layers. The study of this instability is applicable in plasma physics, for example in inertial confinement fusion and the plasma–beryllium interface.

Numerically, the KH instability is simulated in a temporal or a spatial approach. In the temporal approach, experimenters consider the flow in a periodic (cyclic) box "moving" at mean speed (absolute instability). In the spatial approach, experimenters simulate a lab experiment with natural inlet and outlet conditions (convective instability).

FOREWORD - BIBLIOGRAPHY

- [1] Jowett, B. [1953]: Aristophanes's Speech from Plato's *Symposium* translated by Benjamin Jowett from *Collected Works of Plato*, 4th Edition, Oxford U. Press
- [2] »Historical & Scientific Overview of Enlightenment« By Sol Luckman [»DNA MONTHLY« October 2006 (Vol. 2, No. 9)]

FOREWORD - SOURCES OF IMAGES

- [pic.001] Big bang  
[http://3.bp.blogspot.com/-2CXrIXP\\_njg/UP61ZTvHJHI/AAAAAAAAAbL4/hq5g-J5uaPs/s1600/univers0.jpg](http://3.bp.blogspot.com/-2CXrIXP_njg/UP61ZTvHJHI/AAAAAAAAAbL4/hq5g-J5uaPs/s1600/univers0.jpg)
- [pic.002] Tantra  
<http://alexgrey.com/art/paintings/soul/tantra/>
- [pic.003] Holy grail, emergence of a new species  
<http://alexgrey.com/art/paintings/soul/holy-grail/>
- [pic.004] Electromagnetic Field of the Heart is »Human torus spaceship«  
[http://t1.gstatic.com/images?q=tbn:ANd9GcQKHJYsHWz90G2T7WY-z\\_BU2K49Oaii1fi8hBIOjsnrTikJOr7](http://t1.gstatic.com/images?q=tbn:ANd9GcQKHJYsHWz90G2T7WY-z_BU2K49Oaii1fi8hBIOjsnrTikJOr7)
- [pic.005] The Golden Man spirals of the torus shape  
<http://t1.gstatic.com/images?q=tbn:ANd9GcSTauEA6zaG09usKnXdKg9aMCD07UHBHuiY3WHwSKaFUFXGwg4>
- [pic.006] Blood torus  
[http://www.empowernetwork.com/axioms-and-ideas/files/2012/10/WEB\\_Still\\_BloodCell\\_011.jpg?id=axioms-and-ideas](http://www.empowernetwork.com/axioms-and-ideas/files/2012/10/WEB_Still_BloodCell_011.jpg?id=axioms-and-ideas)
- [pic.007] Stars are lit up by the most powerful form of energy generation known – nuclear fusion, first turning hydrogen into helium  
<http://ichef.bbci.co.uk/images/ic/384x216/legacy/clip/p00zdvh2.jpg?nodefault=true>
- [pic.008] Ankh, The key of fortune & life  
[http://foto.get.studio.wp.pl/studio.html?s=vhs&s=vhs&n=64899510&f=4201012561008022875119516\\_pres.jpg](http://foto.get.studio.wp.pl/studio.html?s=vhs&s=vhs&n=64899510&f=4201012561008022875119516_pres.jpg)
- [pic.009] Tyet, resembles an Ankh  
<http://www.secretoftheankh.com/wp-content/uploads/2010/11/ankhnot.jpg>
- [pic.010] Knot of Fortune  
 The Ultimate Encyclopedia of Knots & Ropework, 1999
- [pic.011] Knot of Jury  
 The Ultimate Encyclopedia of Knots & Ropework, 1999
- [pic.012] The Madonna and Child with St. John the Baptist and Mary Magdalen 1510-15 Wood, 167 x 110 cm Museum du Louvre, Paris - Right, Mary Magdalene with Holy Grail and Girdle of Isis [Giovanni Battista Cima]  
<http://www.handgemalt24.de/media/images/product/popup/Maria-mit-dem-Kind-hl-Maria-Magdalena-und-hl-Johannes-der-Taeufer-von-Cima-da-Conegliano-32159.jpg>
- [pic.013] Recipe - How to Create Human *Holy grail*  
[http://www.vace.si/FOTOGRAFIJE-MIRKO-PUKL\\_datoteke/image049.jpg](http://www.vace.si/FOTOGRAFIJE-MIRKO-PUKL_datoteke/image049.jpg)
- [pic.014] Earth's magnetic thorus field  
<http://www.payaleague.ir/FileUpload/7569153.jpg>
- [pic.015] CoSM Grail, ALEX GREY  
<http://alexgrey.com/art/sculpture/cosm-grail/>

HOMO SAPIENS SAPIENS AS A TIME-SPACE BIOLOGICAL FRACTAL - BIBLIOGRAPHY

- [1] Gaither, Carl C. in Cavazos-Gaither, Alma E. [2012]: Gaither's Dictionary of Scientific Quotations / Boston, MA : Springer US; 2nd ed.



- [2] Barry, Robert [1998]: Teorija o skoraj vsem : (za skoraj vsakogar) : znanstveno in religiozno iskanje dokončnih odgovorov / Ljubljana : Vodnikova založba, (v Ljubljani : Dan)
- [3] Čerpes, Ilka in Dešman, Miha [2007]: O urbanizmu : Kaj se dogaja s sodobnim mestom? : zbornik / Ljubljana : Krtina,
- [4] Koester, Helmut; Lambdin (translator), Thomas O. (1996). "The Gospel of Thomas". In Robinson, James MacConkey. *The Nag Hammadi Library in English* (Revised ed.). Leiden, New York, Cologne: E. J. Brill.
- [5] Tony Collingwood [1989]: Rarg, Laboratory, Technicolor, UK – short, animation
- [6] Herbert Spencer [1971]: Structure, function and evolution / edited and with an introductory essay by Stanislav Andreski. - New York : Charles Scribner's Sons
- [7] Geddes, P. [1915]: *Cities in evolution : an introduction to the town planning movement and to the study of civics* / London, Williams & Norgate
- [8] MacDonald C.F. [1937]: Plato's cosmology : the Timaeus of Plato /Indianapolis, Ind. : Hackett Pub. Co.
- [9] Pangeršič Irena [1998]: Upanišade / Bhavadatgita, upanišade in poezija stare Indije / [[zbrala, uredila in iz srbohrvaščine prevedla] Irena Pangeršič]. - Besedilni in slikovni podatki. - [Kranj] : [samozal.]
- [10] Lilienfel'd-Toal', P.F. [1881]: *Gedanken u ber die socialwissenschaft der zukunfft* / Mitau, E. Behre's Verlag
- [11] Bluntschli, J.K. [1892]: *The theory of the state* /Oxford : Clarendon Press
- [12] Offer, J. [2010]: *Herbert Spencer and social theory* / Houdmills, Basingstoke, Hampshire ; New York : Palgrave Macmillan
- [13] Tisdale, H. [1939]: *Biology in Sociology* Vir: Social Forces Vol. 18, No.1
- [14] Ideal city: Exposition Léonard de Vinci / Du 9 juin 2010 au 30 septembre 2011, le musée de Sologne va présenter le dernier projet de Léonard De Vinci and in Musee Matra on: <http://www.rtvsllo.si/kultura/razstave/idealno-mesto-kot-si-ga-je-zamislil-leonardo-da-vinci/235560>
- [15] Ellis, E.V. [2004]: *Geomantic Mathematical (re)Creation: Magic Squares and Claude Bragdon's Theosophic Architecture* / Published in Nexus V: Architecture and Mathematics
- [16] Welter, V.[2002]: *Biopolis : Patrick Geddes and the city of life* /Cambridge, Mass. : MIT Press
- [17] Mumford, L.[1969]: *Mesto v zgodovini* / Ljubljana :Državna založba Slovenije
- [18] Mandelbrot, B.B. [1983]: *The fractal geometry of nature* / New York : W.H.Freeman

- [19] Lebar Bajec, I. [2002]: Računalniški model letenja ptic v jatah : magistrska naloga / Iztok Lebar Bajec. – Ljubljana
- [20] Lebar Bajec, I. [2005]: Fuzzy model for a computer simulation of bird flocking : dissertation / Iztok Lebar Bajec. - Ljubljana
- [21] C.Delgado-Mata, J.Martinez, S.Bee [2007]: On the use of virtual animals with artificial fear in virtual environments, *New Generation*
- [22] C. Hartman, N. G. Street, W. Lafayette [2006]: *Autonomous Boids, Computer Animation and Virtual Worlds*
- [23] Pangeršič, D. [2012]: Računalniški model usklajenega pristajanja in vzletanja, diplomsko delo, Ljubljana
- [24] Lebar Bajec I., Zimic N. and Mraz M., (2003), Fuzzifying the Thoughts of Animats, *Lecture Notes in Computer Science (IFSA 2003 Conference Proceedings)*, submitted for review
- [25] Jonathan Gray [2006]: *Lost world of giants*, TEACH Services, Inc.
- [26] Hadith of Bukhari [1944]: Volumes I, II, III & IV, *Forgotten Books*
- [27] Ashley, Timothy R. [1993]. *The Book of Numbers*. Eerdmans
- [28] The HOLY Bible [1981]: containing the Old and New Testaments : revised standard version / translated from the original tongues being the version set forth a.d. 1611 revised a.d. 1881-1885 and a.d. 1901 compared with the most ancient authorities and revised a.d. 1951, 2nd ed. of the New Testament a.d. 1971. - Oxford [etc.] : Oxford University Press, [1981] (Ljubljana : Mladinska knjiga)
- [29] N. Clayton Croy [2006]: *The third book of Maccabees* Koninklijke Brill NV Leiden The Netherlands
- [30] Ralph L. Roys [1933]: *The book of Chilam Balam of Chumayel*, Washington D.C.; *Carnegie Institution*
- [31] Perrin B. [1914]: *Plutarch's lives*, I. LONDON : William Heinemann, New York The Macmillan Co.
- [32] Beloe W. [1806]: *Herodotus I. book*, London: *Primed by We Hansard, flear Lincoln's- Fields*
- [33] Rawlinson,G. [1909]:*The history Of Herodotus II.*, New York The Tandy-Thomas Company
- [34] Rawlinson,G. [1860]:*The history Of Herodotus III.*, New York:D. Appletox & Company, 346 & 348 Broadway.
- [35] Whiston, W. [1737]: *The Complete Works of Flavius Josephus*, Hendrickson Pub; Updated edition 1980

- [36] Ginzberg, L. [1909]: The legends of the Jews, Philadelphia, The Jewish publication society of America
- [37] Jowett, B. [1953]: Aristophanes's Speech from Plato's *Symposium* translated by Benjamin Jowett from *Collected Works of Plato*, 4th Edition, Oxford U. Press
- [38] Greene, B. [2005]: Tkanina veselja, prostor, čas in tekstura resničnosti, Formatistk, Tržič
- [39] Dawkins, R. [2008]: Sebični gen / [prevedel Nikolaj Pečenko]. - 1. izd. - Ljubljana : Mladinska knjiga
- [40] Fikfak, A. [2004]: Evolucijske konstante naselbinske kulture v prenovi z aplikacijo na Slovenskem primorju - Goriška brda : doktorska disertacija / Alenka Fikfak ; mentor France Rihtar. - Ljubljana

#### HOMO SAPIENS SAPIENS AS A TIME-SPACE BIOLOGICAL FRACTAL - SOURCES OF IMAGES

##### [Table 1]

- Evidence of Lost Ancient Civilizations: Case Closed Pgs. 258-272 [by Joe Szostak, 2009]
- Eritropoyesis  
<http://www.pic2fly.com/Eritropoyesis.html>  
[http://163.178.103.176/Fisiologia/cardiovascular/pracb\\_3/planzer531b.jpg](http://163.178.103.176/Fisiologia/cardiovascular/pracb_3/planzer531b.jpg)

##### [Table 2]

- Temptation in Eden: Lucas Cranach's *Adam and Eve* [1526]  
[http://caminosdispersos.files.wordpress.com/2010/09/cranach-der-elder\\_adameva\\_1533.jpg](http://caminosdispersos.files.wordpress.com/2010/09/cranach-der-elder_adameva_1533.jpg)

##### [Table 3]

- [http://upload.wikimedia.org/wikipedia/commons/3/3d/First\\_matryoshka\\_museum\\_doll\\_op\\_en.jpg](http://upload.wikimedia.org/wikipedia/commons/3/3d/First_matryoshka_museum_doll_op_en.jpg)
- <http://www.arthursclipart.org/medical/humanbody/cell%20types.gif>
- [http://hem.passagen.se/campusm/images/vitruvian\\_man.gif](http://hem.passagen.se/campusm/images/vitruvian_man.gif)
- [http://upload.wikimedia.org/wikipedia/commons/9/97/The\\_Earth\\_seen\\_from\\_Apollo\\_17.jpg](http://upload.wikimedia.org/wikipedia/commons/9/97/The_Earth_seen_from_Apollo_17.jpg)
- <http://www.flickr.com/photos/nasablueshift/7368861386/>
- <http://www.astro.keele.ac.uk/workx/magellanic/images/milkyway.jpg>
- [http://www.bibliotecapleyades.net/imagenes\\_sociopol/signotimes5\\_01.gif](http://www.bibliotecapleyades.net/imagenes_sociopol/signotimes5_01.gif)
- [http://t2.gstatic.com/images?q=tbn:ANd9GcS-sdr1zTJATvImebZyVEe9XzsQ\\_tRefRqYv\\_WMVi4kkh0K0uDi&t=1](http://t2.gstatic.com/images?q=tbn:ANd9GcS-sdr1zTJATvImebZyVEe9XzsQ_tRefRqYv_WMVi4kkh0K0uDi&t=1)

##### [Table 4]

- Think Outside the Box: A Team Effort; <http://makeitabetterride.blogspot.com/>
- [http://fc02.deviantart.net/fs14/i/2007/090/1/f/Ezekiel\\_\\_s\\_Vision\\_by\\_KirkWright.jpg](http://fc02.deviantart.net/fs14/i/2007/090/1/f/Ezekiel__s_Vision_by_KirkWright.jpg)

##### [Table 5]

- [http://science.nasa.gov/science-news/science-at-nasa/2011/04may\\_epic/](http://science.nasa.gov/science-news/science-at-nasa/2011/04may_epic/)
- [http://upload.wikimedia.org/wikipedia/commons/9/98/Earth\\_clock\\_hg.png](http://upload.wikimedia.org/wikipedia/commons/9/98/Earth_clock_hg.png)

##### [Table 6]

- Leksikon Cankarjeve založbe, page 918 [Ljubljana 1987]
- <http://www.history-map.com/picture/003/pictures/Middle-East.jpg>

#### »GE« FREQUENCY OF GALACTIC CENTER AND »BULL OF HEAVEN« - BIBLIOGRAPHY

- [1] The HOLY Bible [1981]: containing the Old and New Testaments : revised standard version / translated from the original tongues being the version set forth a.d. 1611 revised a.d. 1881-1885 and a.d. 1901 compared with the most ancient

authorities and revised a.d. 1951, 2nd ed. of the New Testament a.d. 1971. - Oxford [etc.] : Oxford University Press, [1981] (Ljubljana : Mladinska knjiga)

- [2] Zecharia Sitchin [2008]: The End of Days: Armageddon and Prophecies of the Return (Earth Chronicles), Harper
- [3] [http://www.grantchronicles.com/three\\_days\\_of\\_darkness.htm](http://www.grantchronicles.com/three_days_of_darkness.htm)
- [4] [http://www.heaven-speaks.com/padre\\_pio.html](http://www.heaven-speaks.com/padre_pio.html)
- [5] [http://www.heaven-speaks.com/padre\\_pio.html](http://www.heaven-speaks.com/padre_pio.html)
- [6] <http://unveilingtheapocalypse.blogspot.com/2012/03/prophecies-of-marie-julie-jahenny.html>

»GE« FREQUENCY OF GALACTIC CENTER AND »BULL OF HEAVEN« - SOURCES OF IMAGES

- [pic.001] NIBIRU constellation [Nibiru Sun, with 7 planets, 7 moons, and 10 co-planets]
- [pic.002] Crop circle anagram – Krapje at Ljutomer, 13.6.2007  
<http://www.share-international.net/slo/znamenja/likisLO.htm>
- [pic.003] NIBIRU culminating point I. [Nibiru Sun, with 7 planets, 7 moons, and 10 co-planets]
- [pic.004] Crop circle anagram – Woodborough hill, Alton Barnes - 9.6.2012
- [pic.005] Crop circle – Pobrežje at Ptuj - 2.6.2007
- [pic.006] Crop circle – Kingstone Coombes in Oxfordshir - 2. 6. 2009
- [pic.007] NIBIRU culminating point II. [Nibiru Sun, with 7 planets, 7 moons, and 10 co-planets]
- [pic.008] NIBIRU culminating point III. – Crossing  
NIBIRU culminating point III. [Nibiru Sun, with 7 planets, 7 moons, and 10 co-planets]
- [pic.009] NIBIRU culminating point III. – Crop circle - Krapje at Ljutomer - 18. 7. 2006  
When Earth is in the Age of the Bull  
and NIBIRU's crossing is observed in the constellation of the Lion.

»GE« FREQUENCY OF GALACTIC CENTER AND NEW GOLDEN AGE - BIBLIOGRAPHY

- [1] Orožen Fr. [1901]: Vojvodina Kranjska. Prirodnoznanški, politični in kulturni opis. [33 podob] / Ljubljana, Izdala "Matica Slovenska", Blasnikova tiskarna
- [2] Franc Levec [1867]: Sedmvrha smreka - Slovenski Glasnik, list št.15. 1867., letnik X., na str.15
- [3] Zecharia Sitchin [2008]: The End of Days: Armageddon and Prophecies of the Return (Earth Chronicles), Harper

»GE« FREQUENCY OF GALACTIC CENTER AND NEW GOLDEN AGE - SOURCES OF IMAGES

- [pic.001] First Holy Grail Pair [1]; Our Solar System consists of the Sun, Moon and 10 planets: Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus, Neptun, Pluto and Eris [2]; God Marduk with Nibiru ruler stick  
<http://aboutfacts.net/ufo/UFO254/PD/2.png>
- [pic.002] Recipe - How to Create Human Holy grail  
[http://www.vace.si/FOTOGRAFIJE-MIRKO-PUKL\\_datoteke/image049.jpg](http://www.vace.si/FOTOGRAFIJE-MIRKO-PUKL_datoteke/image049.jpg)

## WÜRMLACH, FIRST GATEWAY OF THE SUPREME GOD - BIBLIOGRAPHY

- [1] The secret doctrine; The synthesis of science, religion, and philosophy; H.P. Blavatsky, 1888
- [2] Voices from Legendary Times: We are a bridge between past and future, Ellen Lloyd, 2005, iUniverse, Inc.
- [3] Katja Hrobat: Ajdi from Ajdovščina above Rodik, *Studia mythologica Slavica* VIII, 2005, str.99-112
- [4] Weltgeschichte/begründet von Hans F. Helmolt ; herausgegeben von Armin Tille. - 2., neubearbeitete und vermehrte Aufl., Neudruck. - Leipzig : Bibliographisches Institut, 1923-1924
- [5] Deutsch-windisches Wörterbuch mit einer Sammlung der verdeutschten windischen Stammwörter, und einiger vorzüglichern abstammenden Wörter / von Oswald Gutschmann ; auf Slowenisch-Deutsch umgekehrt und bearbeitet von Ludwig Karničar. - Graz : Institut für Slawistik der Universität, 1999 (Graz : Styria).
- [6] Starodavni in današnji Slovenci / Jurij Venelin ; [prevod iz ruščine Ana Brvar, prevod Pavla Tulajeva Just Rugel, prevod Ovida iz latinščine Barbara Šega-Čeh]. - Ljubljana : Amalietti & Amalietti, 2009 ([Ljubljana] : Schwarz). - 333 str. : ilustr. ; 24 cm. - (Zbirka Razgaljanje zamolčane zgodovine)
- [7] Pangeršič, Irena: Feniksova skrivnost konglomeratnega krasa. Gorenjski konglomeratni kras [Elektronski vir] / El. knjiga. - [Kranj] : [samozal.] I. Pangeršič, 2011
- [8] Pangeršič, Irena: Vindija Koromandija [Elektronski vir] : dežela za devetimi gorami in devetimi vodami / El. knjiga. - [Kranj] : [samozal.] I. Pangeršič, 2011
- [9] Koroške narodne pripovedke/ selected by Vinko Möderndorfer ; illustrations by Franjo Stiplovšek. – In Celje : Družba Sv. Mohorja, 1937
- [10] Kelemina, Jakob: Bajke in pripovedke Slovenskega ljudstva, Humar, 1997
- [11] Provincial Museum of Carinthia, Museumsgasse 2, A-9021 Klagenfurt, Austria
- [12] Robert Petrič: Venetska teorija in izvor Slovenov, Proceedings of the Fifth International Topical Conference ORIGIN OF EUROPEANS, uredil Anton Perdih. - Ljubljana: Jutro, 2007
- [13] The Concise History of Humanity or Chronicles (Arabic: 'Tarikhu 'al-Mukhtasar fi Akhbar al-Bashar *أخبار في الامم*), or Tarikh Abi al-Fida *أبي تاريخ* (History of Abu al-Fida), is a history book authored by Abu al-Fida Ismail Ibn Hamwi in 1315 and continued by the author to 1329. (Constantinople, 2 vols. 1869).
- [14] Abū al-Fida' Ismā'īl ibn 'Alī, 1273-1331: Historia anteislamica, arabice e duobus codicibus Bibliothecae regiae Parisiensis, 101 et 615 / Abulfedae ; edidit, versione latina, notis et indicibus auxit Henricus Orthobius Fleischer. [Mukhtaṣar fī akhbār

al-bashar. Latin & Arabic] Arabic and Latin on facing pages. Includes indexes. Lipsiae : Vogel, 1831.

- [15] The Biblical Antiquities of Philo [Pseudo-Philo], Edited for the first time in English by Dr. M. R. James, and published in this Series
- [16] Slovenski etnografski muzej, Metelkova 2, SI - 1000 Ljubljana, Slovenija
- [17] Šavli, Jožko: Slovenska znamenja / Bilje : Studio Ro, Založništvo Humar, 1994
- [18] Holy Bible, King James Version Published December 1999 by American Bible Society
- [19] Vladimir Kavčič: Stolp v Babilonu, 1962: Problemi št.1, revija za kulturo in družbena vprašanja
- [20] Pliny, the Elder; Bostock, John, 1773-1846; Riley, Henry T. (Henry Thomas), 1816-1878 Volume: 5, Subject: Natural history -- Pre-Linnean works Publisher: London, H. G. Bohn Year: 1856
- [21] The HOLY Bible [1981]: containing the Old and New Testaments : revised standard version / translated from the original tongues being the version set forth a.d. 1611 revised a.d. 1881-1885 and a.d. 1901 compared with the most ancient authorities and revised a.d. 1951, 2nd ed. of the New Testament a.d. 1971. - Oxford [etc.] : Oxford University Press, [1981] Ljubljana : Mladinska knjiga
- [22] Midrash Rabbah. 1, Genesis I / translated by H. Freedman. - 3rd edit. - London ; New York : Soncino press, 1983. - XXIX]
- [23] The Chronicle Of Villani, Translated by Rose E. Selfe. Edited by the Rev. P. H. Wicksteed. Crown 8vo, 6s.1906
- [24] Slovene Legends and Signs / [selected and edited by Andrej Šiško; preface written by Andrej Šiško; illustrated by Beata Čop]. - Ljubljana: Amalietti & Amalietti, 2011 ([Ljubljana]: Atelje Pance)
- [25] Slovenske pripovedke o kralju Matjažu / Ivan Grafenauer. - Ljubljana : Slovenska akademija znanosti in umetnosti, 1951 (in Ljubljana: Triglavsko tiskarna).
- [26] Malovrh, Miroslav: Kralj Matjaž: historical narrative/written by Fr. Remec. - Ljubljana: Narodna tiskarna, 1904.
- [27] Virgil (comm. by W. V. Clausen) (1994). Virgil: Eclogues. Clarendon, Oxford University Press.
- [28] Matičetov, Milko: Ivan Grafenauer, Slovenske pripovedke o Kralju Matjažu : SAZU, Razred za filološke in literarne vede. Dela - 4 (Inštitut za slovensko narodopisje - 1. Ljubljana 1951, 252 strani / Milko Matičetov. - Ocena knjige; V: Slovenski etnograf. - Letn. 6/7 (1953/1954), str. 311-320.
- [29] The History of Herodotus Vol. 1, BOOK IV. The Fourth Book Of The Histories, Called Melpomene, Translated into English by G. C. Macaulay, 2000 Blackmask Online.

- [30] Argonautica ; Cum Imp. Reg. et Belg̃y privilegio decennali / Ex conatibus Geographicis Abrah. Ortelii. - 1598 [erschienen 1624] Teil 36 des Gesamtwerkes in Abrahami Ortelii Theatri Orbis Terrarum Parergon; Sive Veteris Geographiae Tabulae : Commentariis Geographicis et Historicis illustratae / Tabulis aliquot aucta, et varie emendata atque innovata, Cura Et Studio Balthasaris Moreti, 1624
- [31] William, Ryan & Pitman, Walter: Noah's Flood: The New Scientific Discoveries About The Event That Changed History. Simon & Schuster, 1997

#### WÜRMLACH, FIRST GATEWAY OF THE SUPREME GOD - SOURCES OF IMAGES

- [pic.001] Map from the ancient book 'Starodavni in današnji Slovenci'  
<http://www.harvardi.com/images/venelin004bold.jpg>
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<http://images.24ur.com/media/images/600xX/Aug2006/16129039.jpg?d41d>
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<http://www.ziaristonline.ro/wp-content/uploads/2010/08/Black-Sea-Marea-Neagra-undersea-river-Univ-of-Leads-Roncea-Blog.jpg>  
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<http://www.youtube.com/watch?v=TP75z6NjBMY>

#### PARZIVAL AND THE QUEST FOR THE GRAIL MYSTERY - BIBLIOGRAPHY

- [1] Parzival is a major medieval German romance by the poet Wolfram von Eschenbach, in the Middle High German language.  
<http://en.wikipedia.org/wiki/Parzival>
- [2] CASTLE BORL AND TERRA PARZIVAL, IDRIART<sup>35</sup> project, Miha Pogacnik, Cuernavaca 24th July 2011, available 7.2.2013 on: <http://www.levevei.no/wp-content/uploads/2011/11/BORL-ANKENSTEIN-AND-TERRA-PARZIVAL.pdf>

#### PARZIVAL AND THE QUEST FOR THE GRAIL MYSTERY - SOURCES OF IMAGES

- [pic.001] King Arthur and his knights sit at the Round Table. Castel Roncolo  
<http://www.lessing-photo.com/p3/160104/16010444.jpg>
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<http://www.lessing-photo.com/p3/160104/16010447.jpg>
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<http://www.lessing-photo.com/p3/160104/16010445.jpg>
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<http://www.lessing-photo.com/p3/160104/16010449.jpg>
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[http://upload.wikimedia.org/wikipedia/commons/thumb/c/c0/Schloss\\_Runkelstein\\_2009.jpg/800px-Schloss\\_Runkelstein\\_2009.jpg](http://upload.wikimedia.org/wikipedia/commons/thumb/c/c0/Schloss_Runkelstein_2009.jpg/800px-Schloss_Runkelstein_2009.jpg)

#### PARSIFAL AND THE ANCKHENSTEIN (BORL) CASTLE - BIBLIOGRAPHY

- [1] Castles - [http://www.haloze-zagorje.eu/\\_pdf/en/Castles.pdf](http://www.haloze-zagorje.eu/_pdf/en/Castles.pdf)
- [2] Red Knight - [http://en.wikipedia.org/wiki/Red\\_Knight](http://en.wikipedia.org/wiki/Red_Knight)
- [3] Stories of King Arthur and His Knights by Uriel Waldo Cutler  
Chapter XVI. How Sir Gareth Returned to the Court of King Arthur  
[http://en.wikisource.org/wiki/Stories\\_of\\_King\\_Arthur\\_and\\_His\\_Knights/Chapter\\_16](http://en.wikisource.org/wiki/Stories_of_King_Arthur_and_His_Knights/Chapter_16)

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<sup>35</sup> IDRIART (*Institute for the Development of Intercultural Relations through the Arts*) -- a non-profit organization founded in 1981 by Miha Pogačnik, violinist and cultural ambassador of Slovenia -- follows a dynamic principle - that artists and their audiences purposefully travel throughout the world and gather in places that really need them.



## PARSIFAL AND THE ANCKHENSTEIN (BORL) CASTLE - SOURCES OF IMAGES

- [pic.001] The Borl-Anckhenstein castle  
[http://www2.arnes.si/~jzupan4/Raziskovalna\\_Drava2\\_datoteke/image003.jpg](http://www2.arnes.si/~jzupan4/Raziskovalna_Drava2_datoteke/image003.jpg)
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[flickr-5066934909-ifill\\_2048.jpg](http://www.flickr.com/photos/flicker-5066934909-ifill_2048.jpg) on <http://www.flickr.com/>

## PARZIFAL'S TRANSCENDENTAL LOVE AND THE HOLY GRAIL LEGENDS - BIBLIOGRAPHY

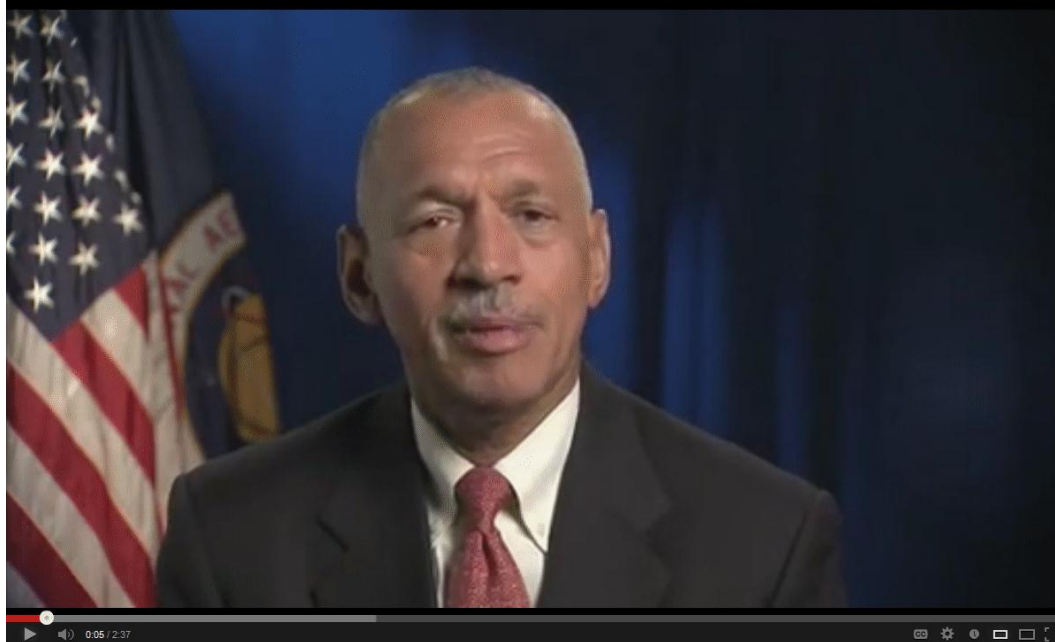
- [1] Romeo and Juliet  
<http://www.sparknotes.com/shakespeare/romeojuliet/summary.html>
- [2] Eros and Psyche  
[http://ancienthistory.about.com/cs/grecoromanmyth1/a/mythslegends\\_4.htm](http://ancienthistory.about.com/cs/grecoromanmyth1/a/mythslegends_4.htm)
- [3] Rama and Sita  
<http://en.wikipedia.org/wiki/Rama>; <http://en.wikipedia.org/wiki/Sita>  
<http://amolife.com/reviews/top-20-most-famous-love-stories-in-history-and-literature.html>
- [4] Tristan and Isolde, Paris and Helena, Orpheus and Eurydice  
<http://amolife.com/reviews/top-20-most-famous-love-stories-in-history-and-literature.html>
- [5] Odysseus and Penelope  
<http://qualityessays.co.uk/essays/Literary-Analysis/Penelope-and-Odysseus.html>

## PARZIFAL'S TRANSCENDENTAL LOVE AND THE HOLY GRAIL LEGENDS - IMAGES

- [pic.001] Romeo and Juliet  
[http://etc.usf.edu/clipart/5700/5767/romeo&juliet\\_6\\_md.gif](http://etc.usf.edu/clipart/5700/5767/romeo&juliet_6_md.gif)
- [pic.002] Eros and Psyche  
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<http://amolife.com/reviews/top-20-most-famous-love-stories-in-history-and-literature.html>
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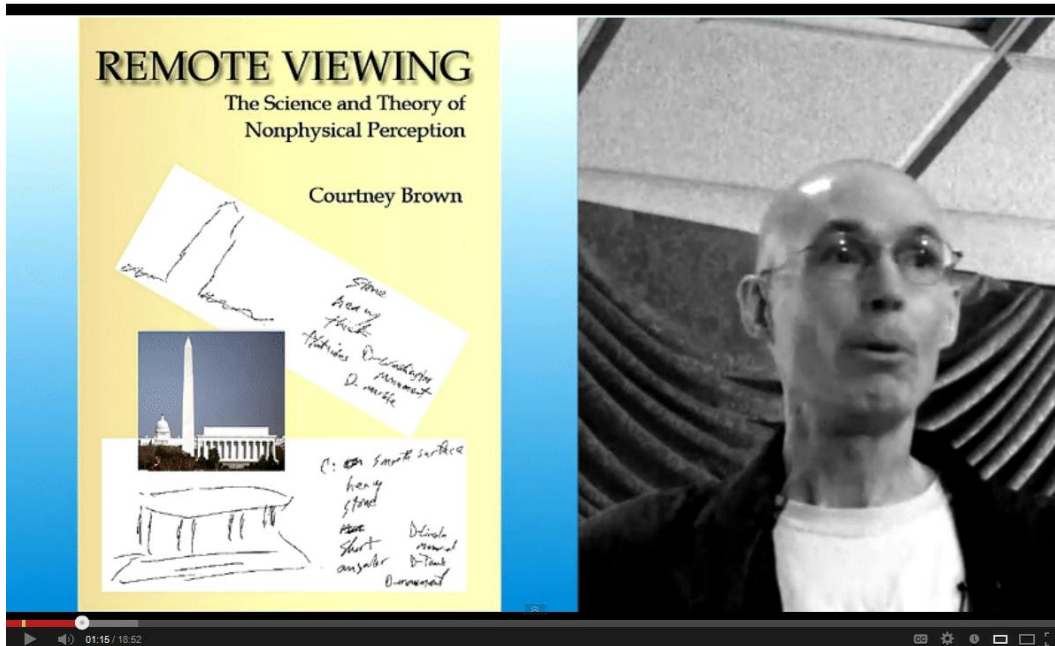
PERSONAL PREPARDNESS PLAN FOR THE »GE« FREQUENCY OF GALACTIC CENTER

NASA Family Personal Prepardness Plan



[http://www.youtube.com/watch?feature=player\\_embedded&v=lkrKaw4DOYM](http://www.youtube.com/watch?feature=player_embedded&v=lkrKaw4DOYM)

A Remote-Viewing Experiment



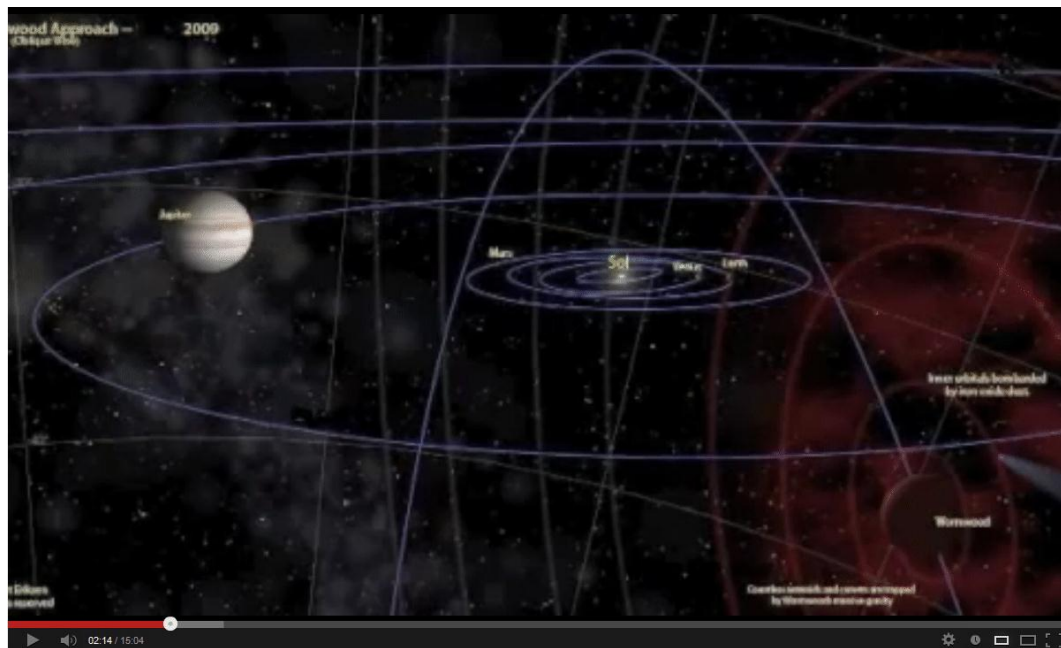
[http://www.youtube.com/watch?v=6Pk8udsan2o&feature=player\\_embedded](http://www.youtube.com/watch?v=6Pk8udsan2o&feature=player_embedded)

Nibiru- najveća tajna čovječanstva



<http://www.youtube.com/watch?v=-MVUEqzx3pY>

Nasa Employee Speaks About Nibiru



<http://www.youtube.com/watch?v=DCtftU787w4>



# The masters of the time and space



Revelation 10:6

<sup>6</sup>He swore an oath in the name of the one who lives forever and ever, who created the heavens and everything in them, the earth and everything in it, and the sea and everything in it. He said:

„There will be the extension of time up to a point but not beyond ...“