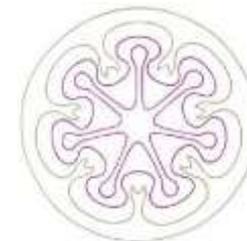
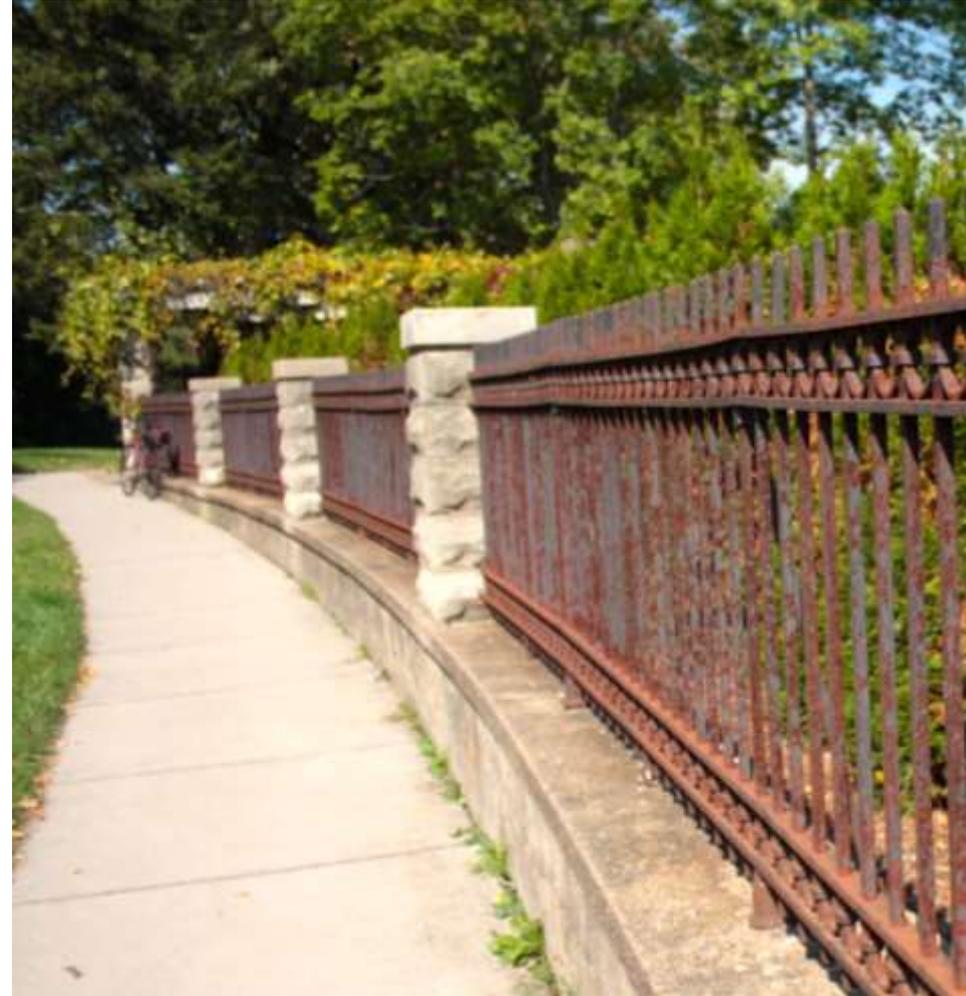




The Iron Necessity of Our Technological Age

With Andrew Linnell



**Center for
Anthroposophical
Endeavors**

Season to Speak about Technology

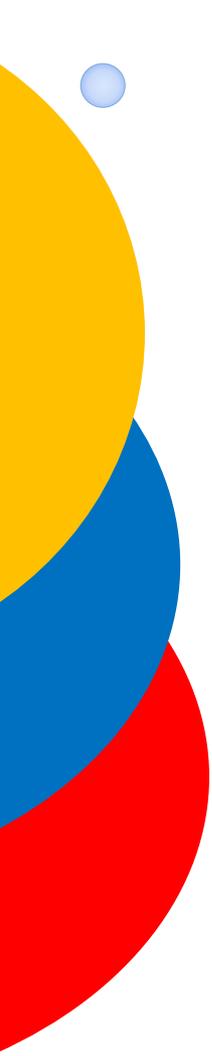
- When did Steiner speak about technology?
 - Michaelic season (autumn)



Commentary

- Covid-19 Focus on ?
 - Self
 - Community
 - Climate & World evolution
- Technology
 - Social gathering
 - Schools (even Waldorf)
 - AI called upon more
- Brotherhood?
 - Politically we 'know'
Freedom and Equality





Schedule (times are CDT)

Friday, March 20

- 7:30—9:30 pm: ***The Iron Necessity of Our Technological Age***

Saturday, March 21

- 9:00 - 9:30 Coffee, tea, and social time (*at home*)
- **9:30 - 10:30 Lecture: The Human Double and Its Future**
- 10:30 - 11 Break
- **11 - 12 Discussion: Counter-balances, Children & Tech**
- 12 - 1 Lunch (BYO)
- **1 – 2 pm Lecture: The Three Occultisms, About MysTech**

Fear of the Future

- We must eradicate from the soul all fear and terror of what comes towards us, out of the future. We must look forward with absolute equanimity to whatever comes, and we must think only that whatever comes is given us by a world direction full of wisdom.
- It is part of what we must learn during this age, namely to act out of pure trust in the ever present help of the spiritual world; truly nothing else will do if our courage is not to fail us.
- Therefore let us discipline our will, and let us seek the awakening from within ourselves, every morning and every evening.
 - Derived from lecture, Bremen, 27Nov1910



Parental Challenges

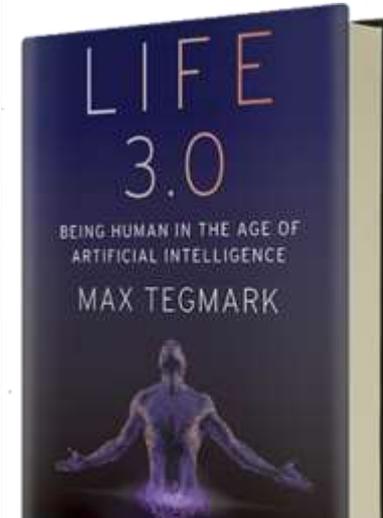
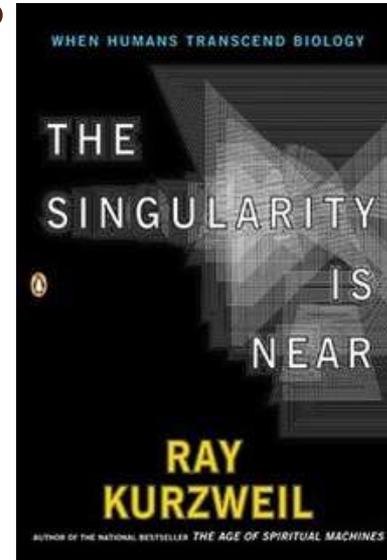
- Child safety – Outdoor experience
 - Games vs. sun & fun, nature, sensory wholeness
- Peace – Chaos
 - Emotional and social skills
- Fitting in – Odd family
- Practical Education – Well-rounded Education
 - Creativity
 - Preparation for (a changing) Life
 - Waldorf [video](#)



What Are We Facing?

Freedom - Necessity

- Transhumanism
 - Singularity is Near
 - Life 3.0
- G5 Wireless
- Job Loss to Robots
- AI Safety and Controls
- Game Addictions
- Loss of Privacy
- Health and Environment
- Effect on Our Humanity



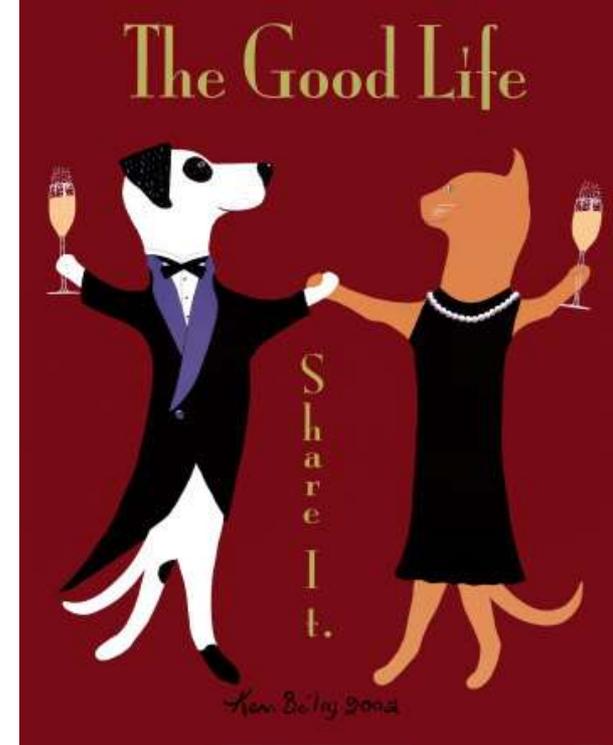
Iron Necessity

- “Civilization **must progress** in the fields of **technology, industry and commerce**. But by its very nature such a civilization **cannot serve** the well-being of humanity in the physical world; it can only prove **destructive** to the human being.
- This will be an unpalatable truth for people who never tire of making great speeches on the tremendous advances made in modern civilization.
- I have made brief reference to the causes of destruction in Atlantis. The commercial, industrial and technological civilization which is now in its beginnings **harbors elements** which will lead to the **decline and fall**.



Iron Necessity

- “And we only see things straight and face reality if we admit that we are here beginning to work on something which **must lead to catastrophe**.
- This is what it means to enter into **iron necessity**.
- It is not a matter of avoiding things but of getting a clear picture, **real insight into the iron necessities of human evolution**. Human beings will need to live with **inner impulses** which they still prefer to ignore today, for these **go against the good life they want.**”
 - *Fall of the Spirits of Darkness*, [Lecture 4](#), The Elemental Spirits of Birth and Death, Dornach, 6Oct1917, GA 177



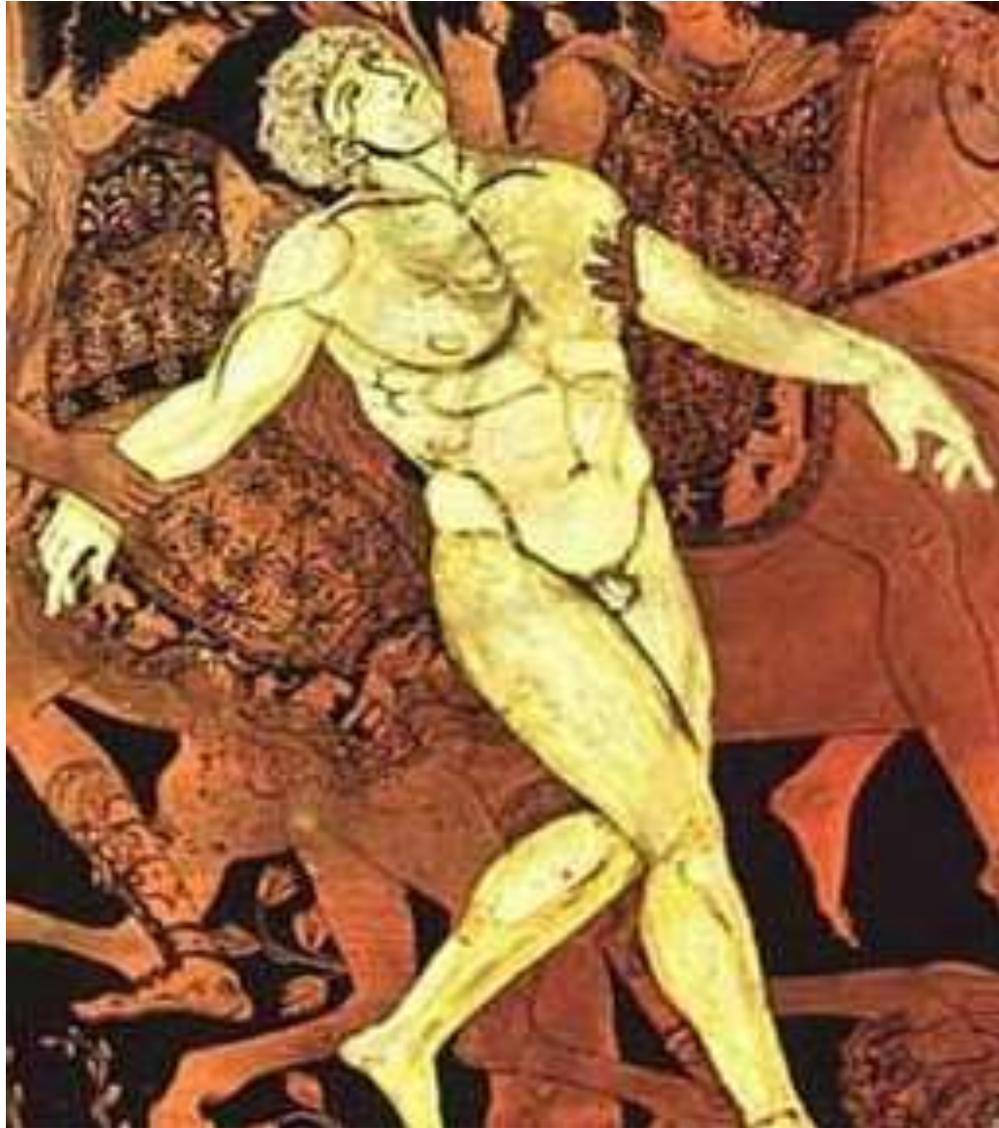
Cosmic Necessity vs Human Freedom



The Second Fall



- "Ahrimanic powers will intervene more and more and Ahrimanic spirits will also use human bodies for other things. A time will come when Christians will have to ask themselves seriously when they meet this or that human being: Is that **really a human being** or is it a very loose mantle for Ahrimanic spirits?"
- In the future one will have to make this distinction in addition to the other ones one has to make today. This will be the second fall, and the beast and his herald will **take possession of human bodies**. Thereby these demons will have fallen. So first we have the fall of corrupt human beings and then the fall of certain corrupt spirits, who are close to men. These spirits take a tumble in the **second fall**."
 - Apocalypse, [lecture 11](#), September 15, 1924, GA 346
- One interpretation: a time is coming when a robotic machine will look very much like a human being.

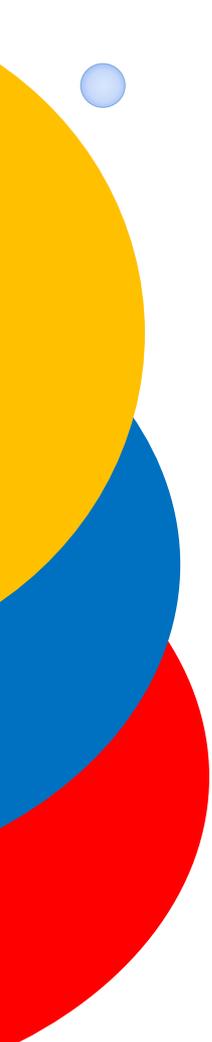


The Automaton Talos, ca 5th Century BCE, Archaeological National Museum, Jatta, Italy
Talos was made by Hephaestus to protect Europa from those who might kidnap her.

Cosmic Necessity vs Human Freedom

- Philosophy of Spiritual Activity
- Philosophy of Freedom
 - Free Will
- Dead to Living Thinking
 - Lifestyle & Framework



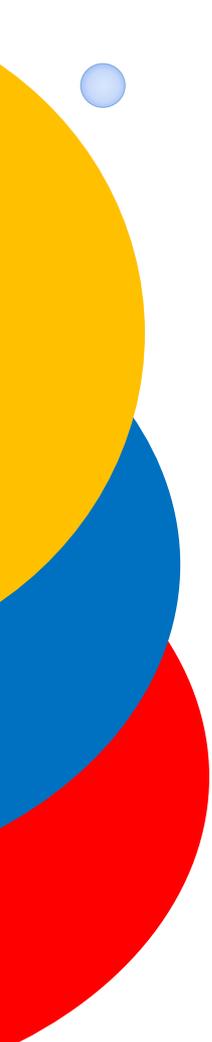


Karma and Suffering as Necessity

- The good Spirits instituted **pain and suffering**, illness and death in order that despite the possibility of evil [from Lucifer], man's evolution may still advance
- The good Spirits made possible the working of karma to the end that the Ahrimanic powers might be resisted and the evil made good



WHY?

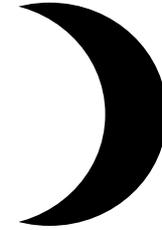
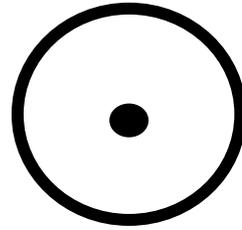


Verse about the Future

- In **physical life** it is quite clear to us that what is going to take place only in the future, is not yet here. In **etheric life**, however, this is not so. In etheric life, **time** is as it were, a kind of space and what will some day be present already has an effect upon what precedes it, as well as upon what will follow. But this should not be a matter for wonder; it is the same in the physical world too.
- If we really understand Goethe's theory of **Metamorphosis**, we shall say to ourselves that the blossom of the plant is already working in the root. And that is indeed so. It is the case too with everything in the ether-world: **the future is already working in what has gone before.**
 - *The Driving Force of Spiritual Powers in World History*, [lecture 4](#), 22Mar1923, GA 222

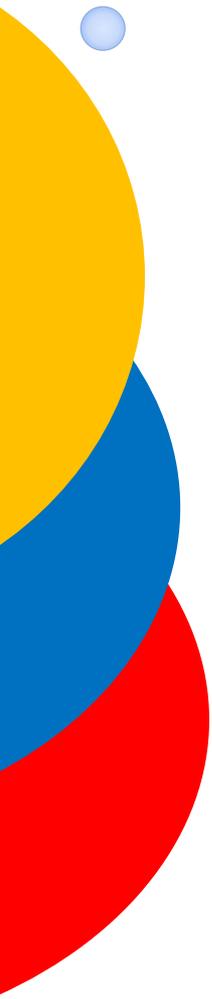
A Strong Interest in Reality

- “What does it mean when people do not want to know anything about Spiritual Science? It means that they have **no interest for what is reality**. For if a man has no desire to know anything about the nature of **Old Saturn, Old Sun, Old Moon**, then he can **know nothing about the Earth**.
- **Lack of interest in the world is egoism** in its grossest form. Interest in all existence is man’s bounden duty. Let us therefore long for and love the sun with its creative power, its love for the well-being of the earth and the souls of men!
- This **interest in the earth’s evolution should be the spiritual seed of love for the world**. A **Spiritual Science without love** would be a danger to mankind. But love should not be a matter for preaching; love must and indeed will come into the world through the spreading of knowledge of spiritual truths. **Deeds of love and Spiritual Science should be inseparably united.**
 - Rudolf Steiner, *Love and its Meaning in the World*, Zurich, 17Dec1912, GA 143



From Occult (or Esoteric) Science

AN OVERVIEW OF OLD SATURN, SUN, & MOON



Pair

Saturn

Sun

P
r
a
l
a
y
a

Pair

Moon

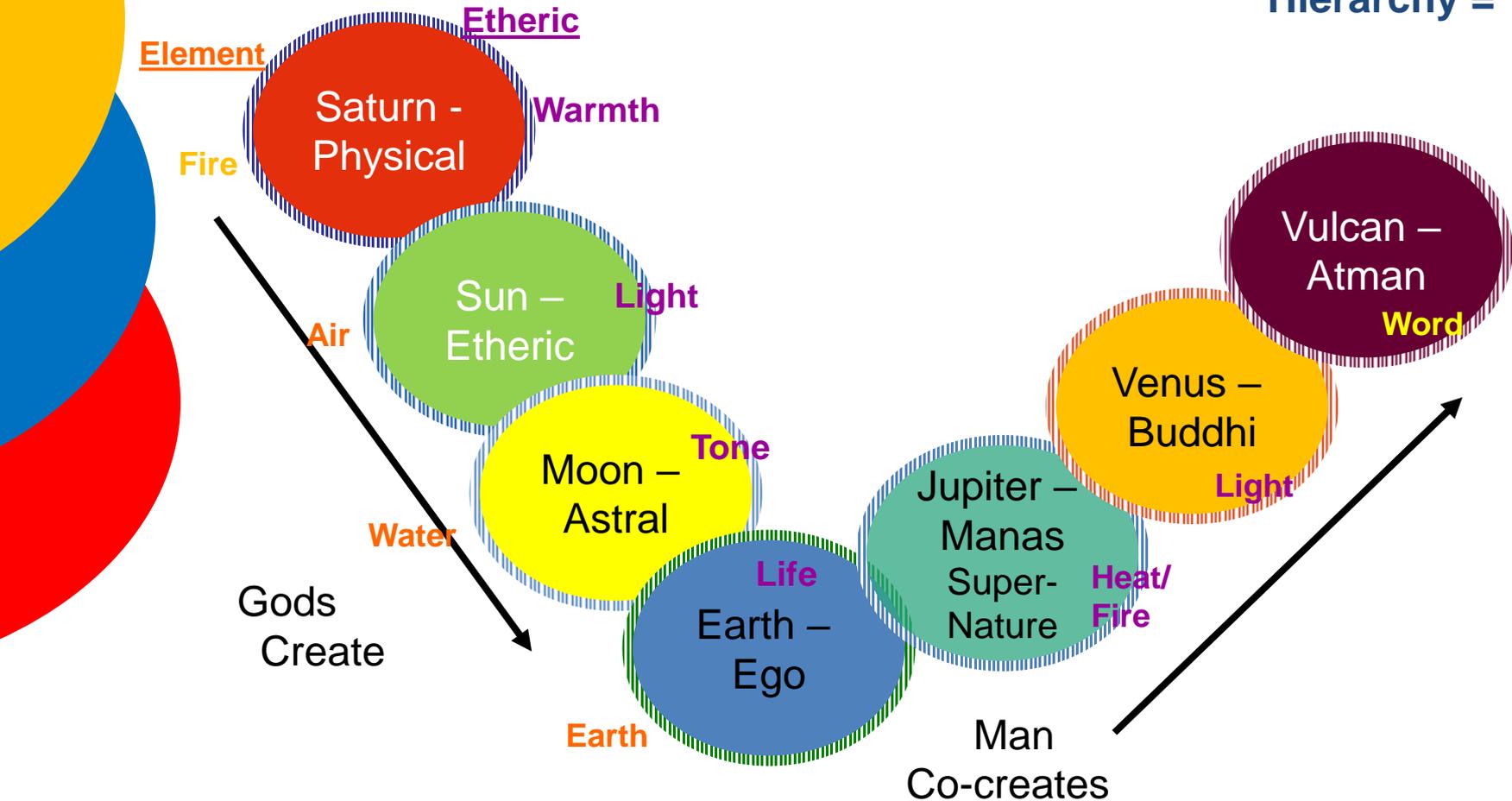
Earth
Mars
Mercury

Astro-physics: Metallicity

- Big Bang: H & He (and maybe up to Li or B)
- Then 3 prior solar systems each ending with supernova
 1. Heat (H & He) to gases (C, N, O, F, Ne)
 2. Gases to liquids/dissolvables & light solids (Na, Mg, ... Ca ... Au)
 3. Solids to heavy metals (Hg, Pb ... U ...)

Total of 7 Planetary Conditions

Hierarchy = 12

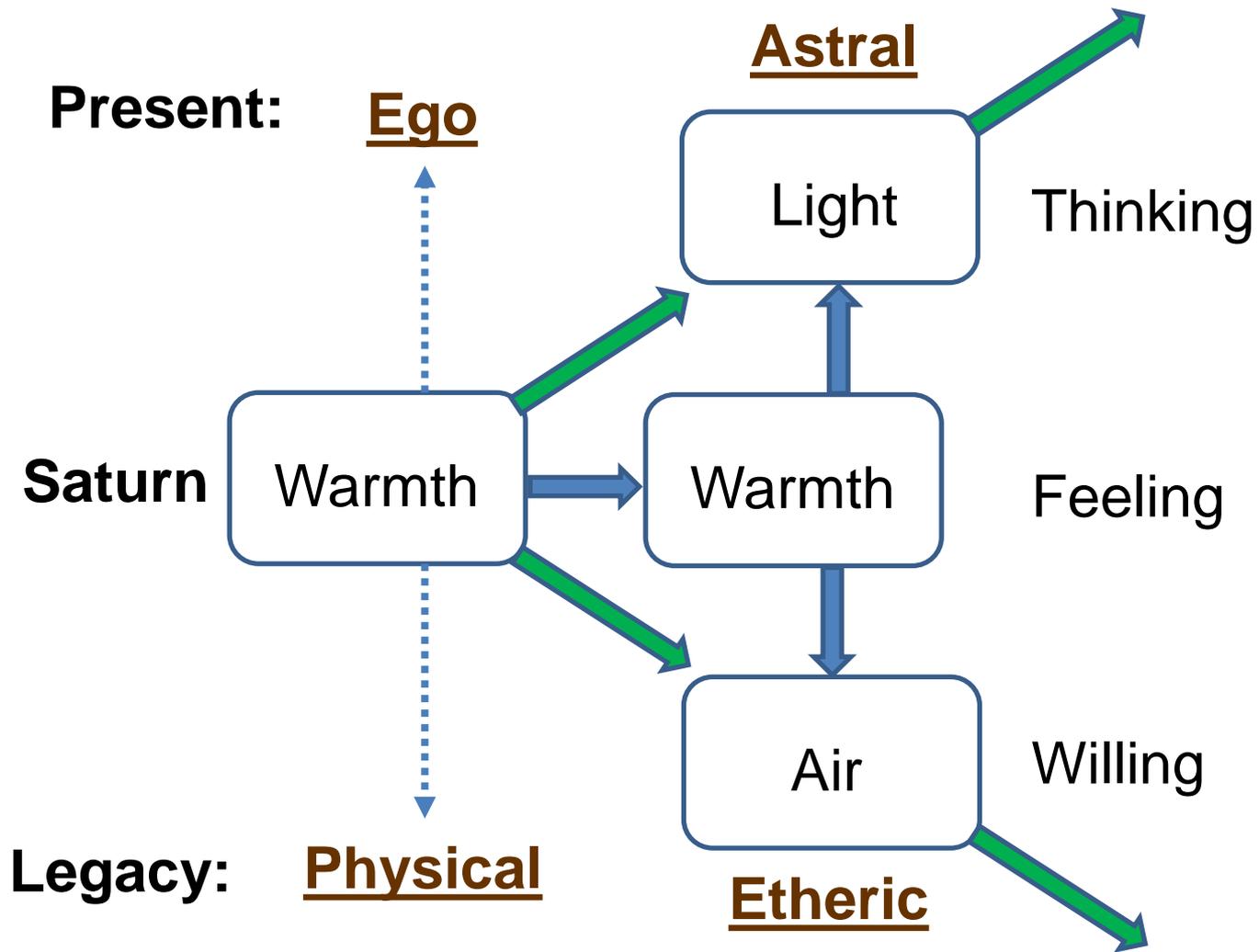


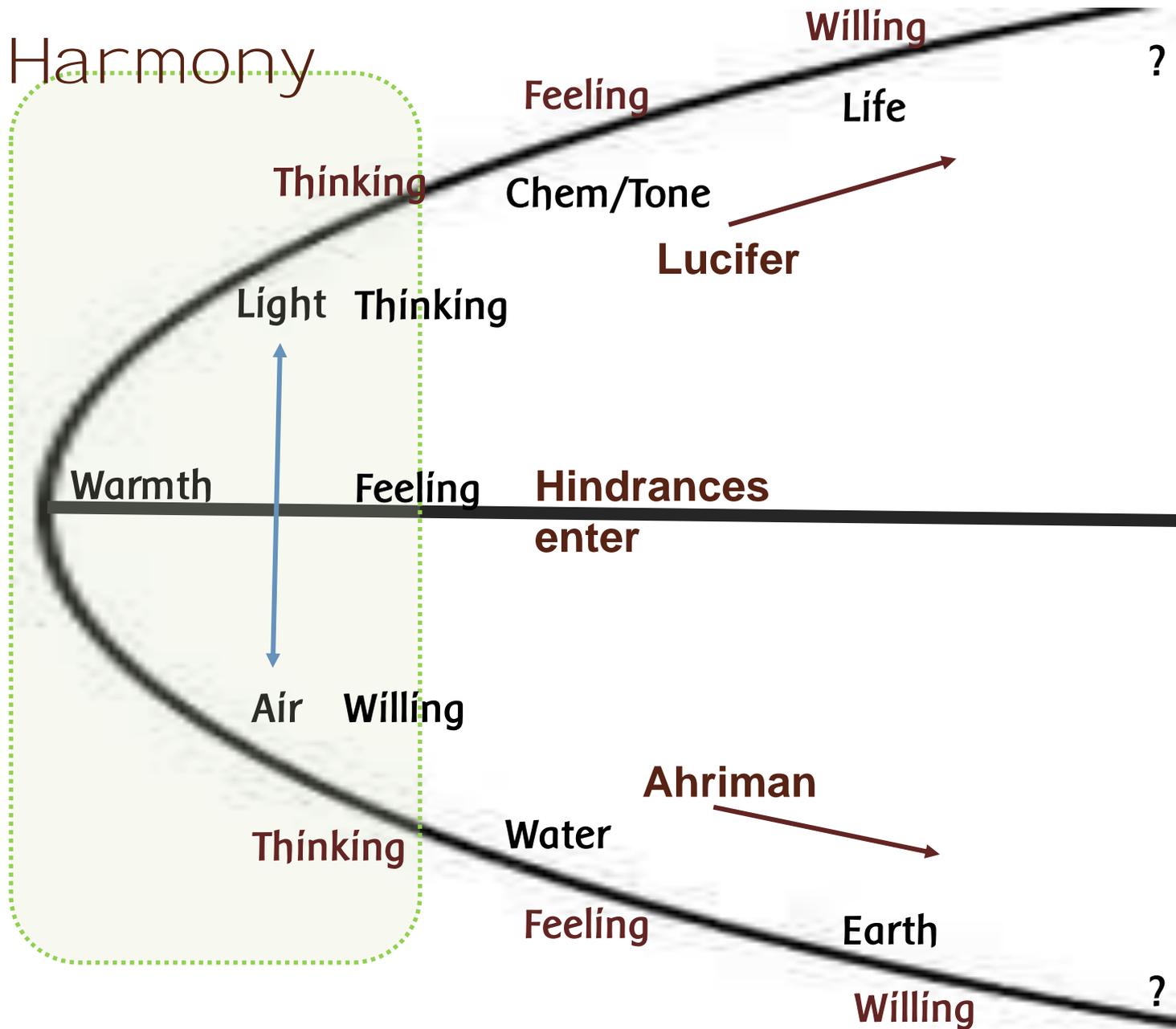
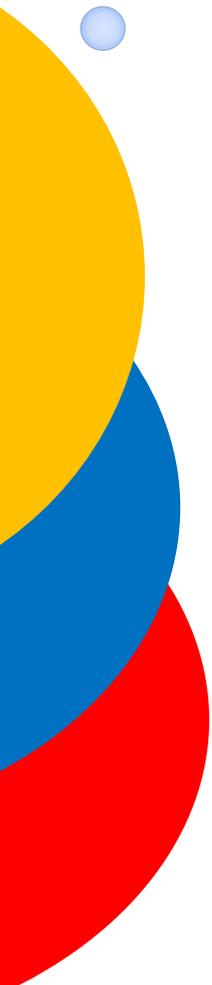
Legend of Light and Dark



Water color by Umbra Perchiazzi

The Essential Human

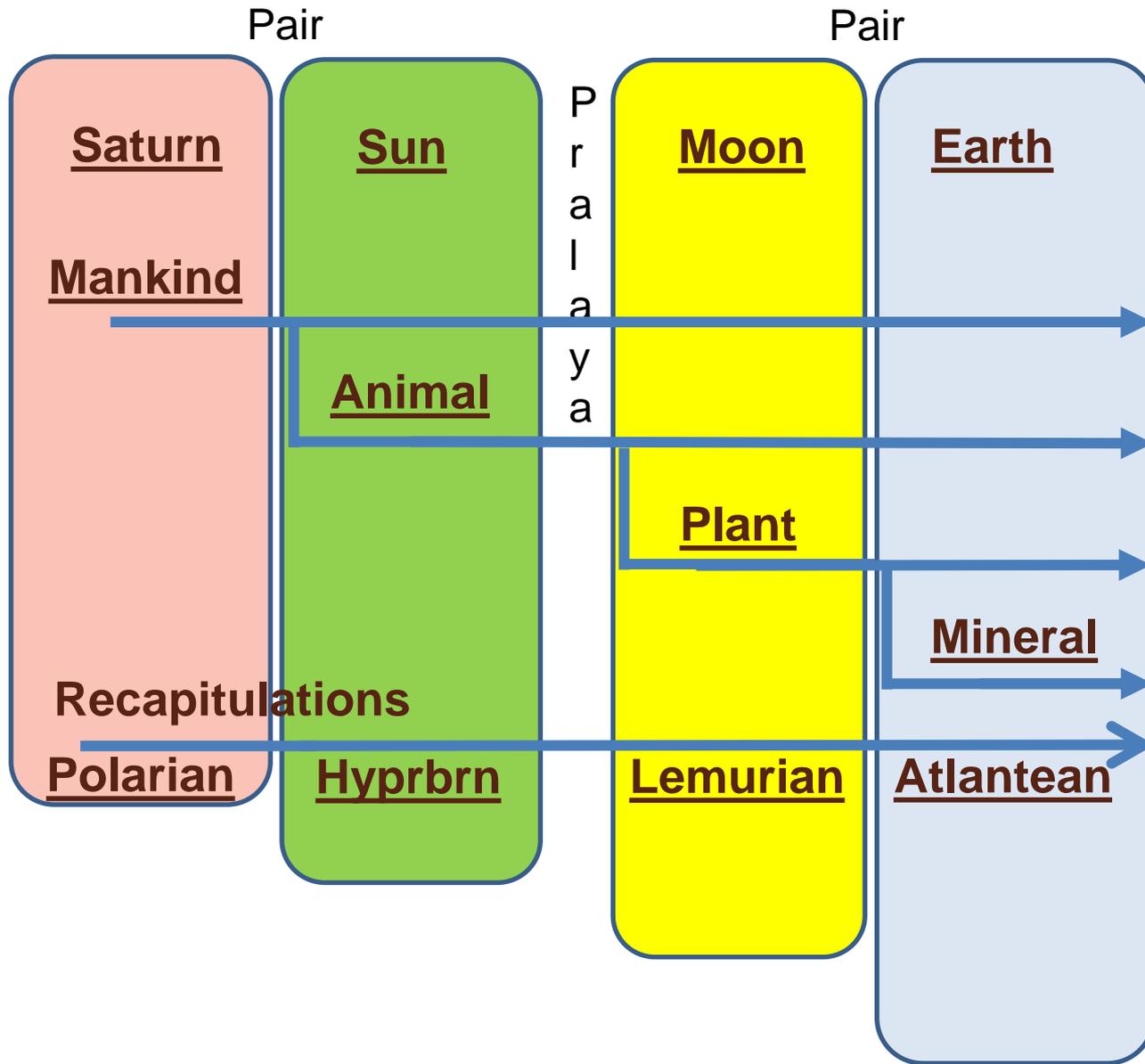
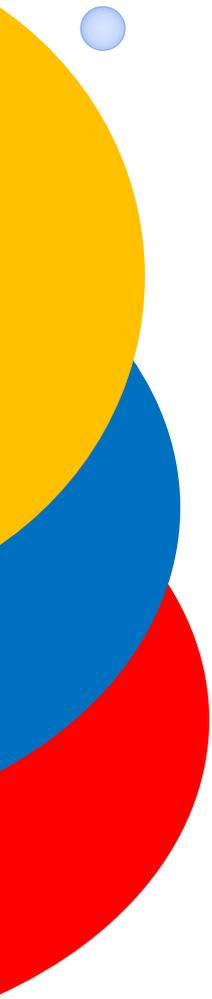




Oh Man, Know Thou Thyself!

Phys. State	Element	Ether	Soul	Challenge
		Life		Willing
		Ordering		Feeling
		Light	Thinking	Thinking
Plasma	Fire	Warmth	Feeling	
Gaseous	Air		Willing	Thinking
Liquid	Water			Feeling
Solid	Earth			Willing

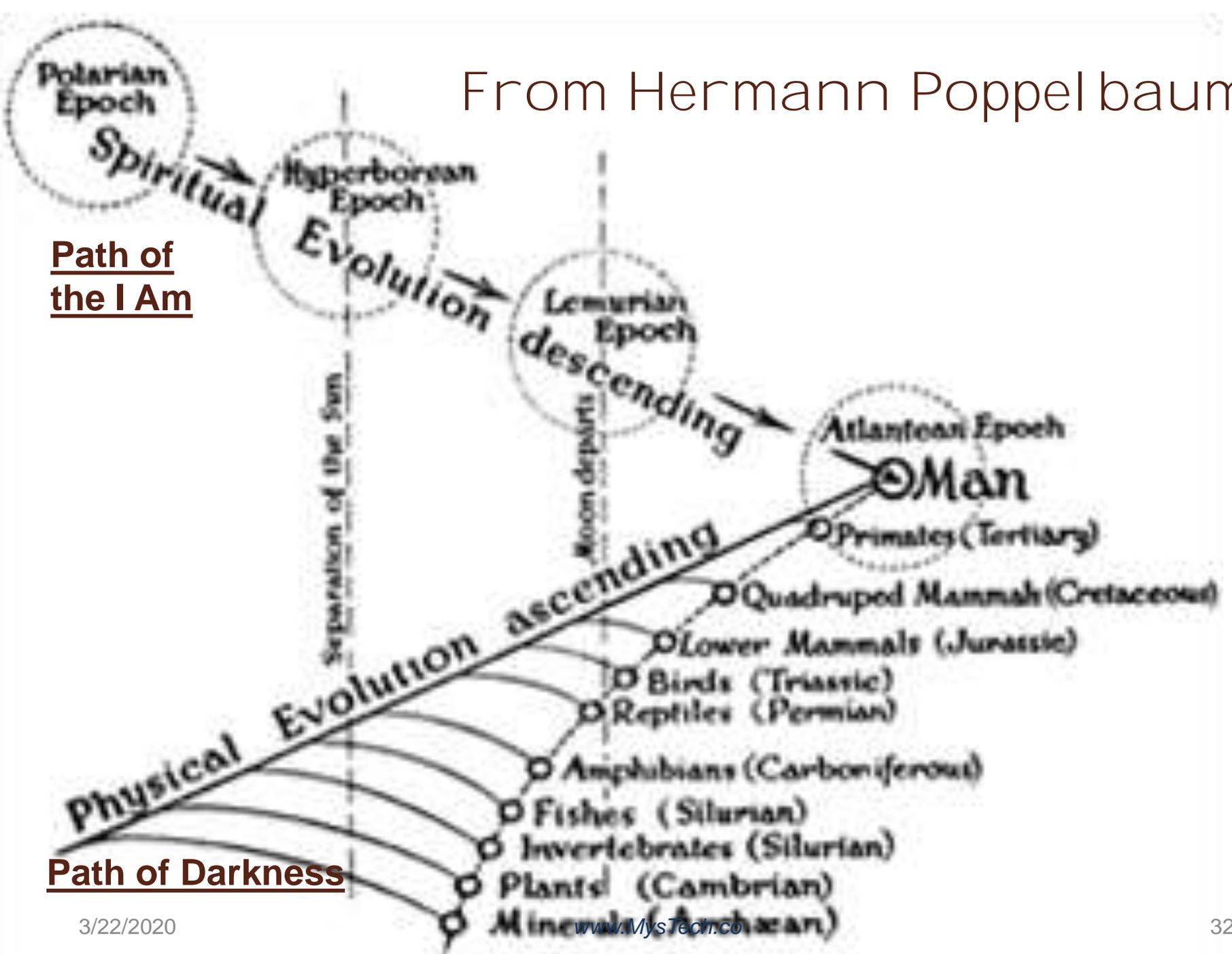
From Old Sun, before hindrances

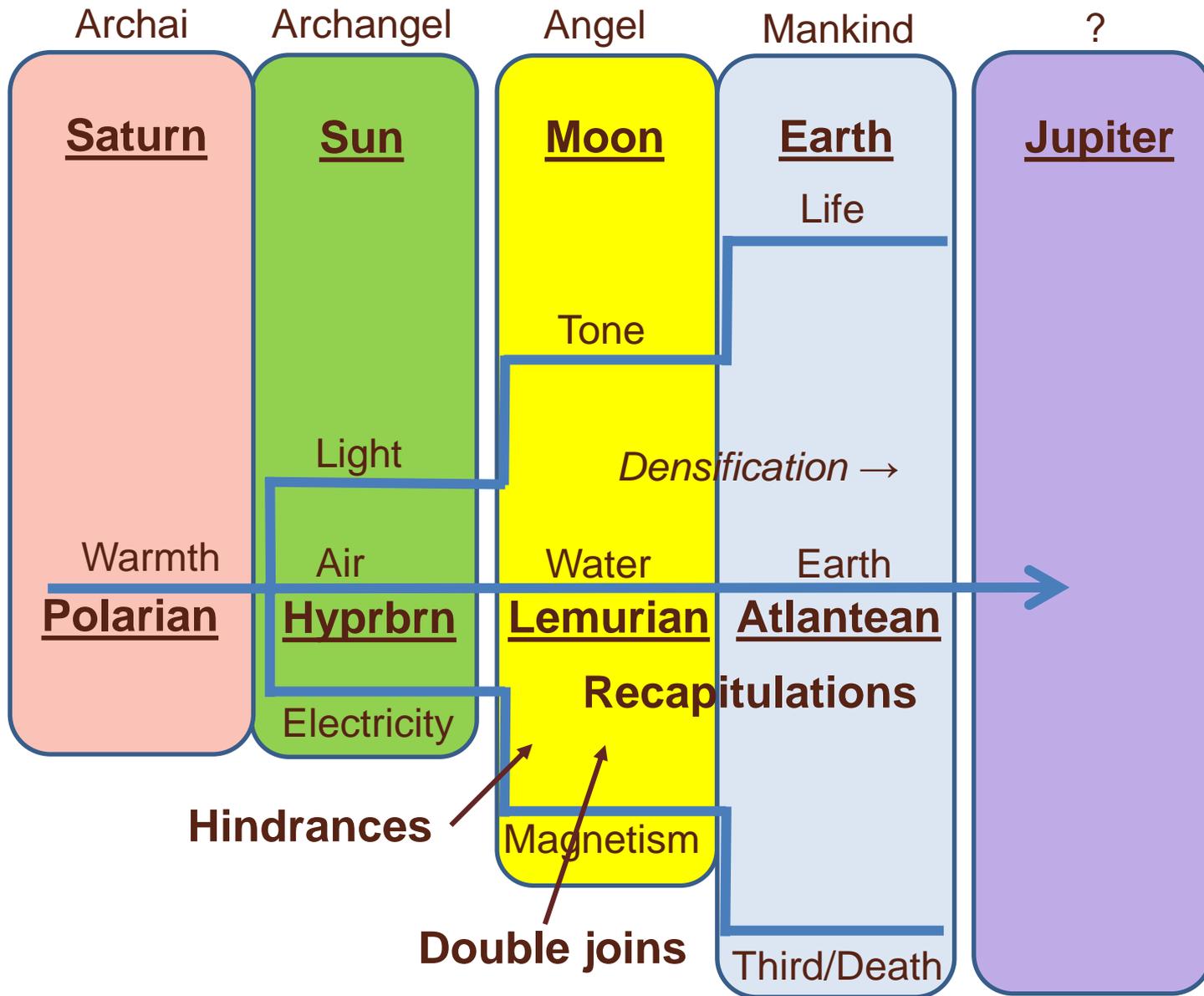
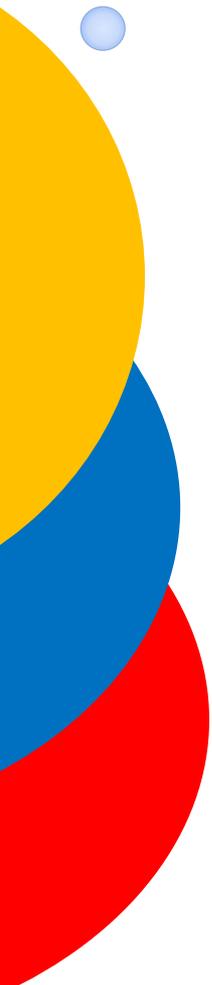


From Hermann Poppelbaum

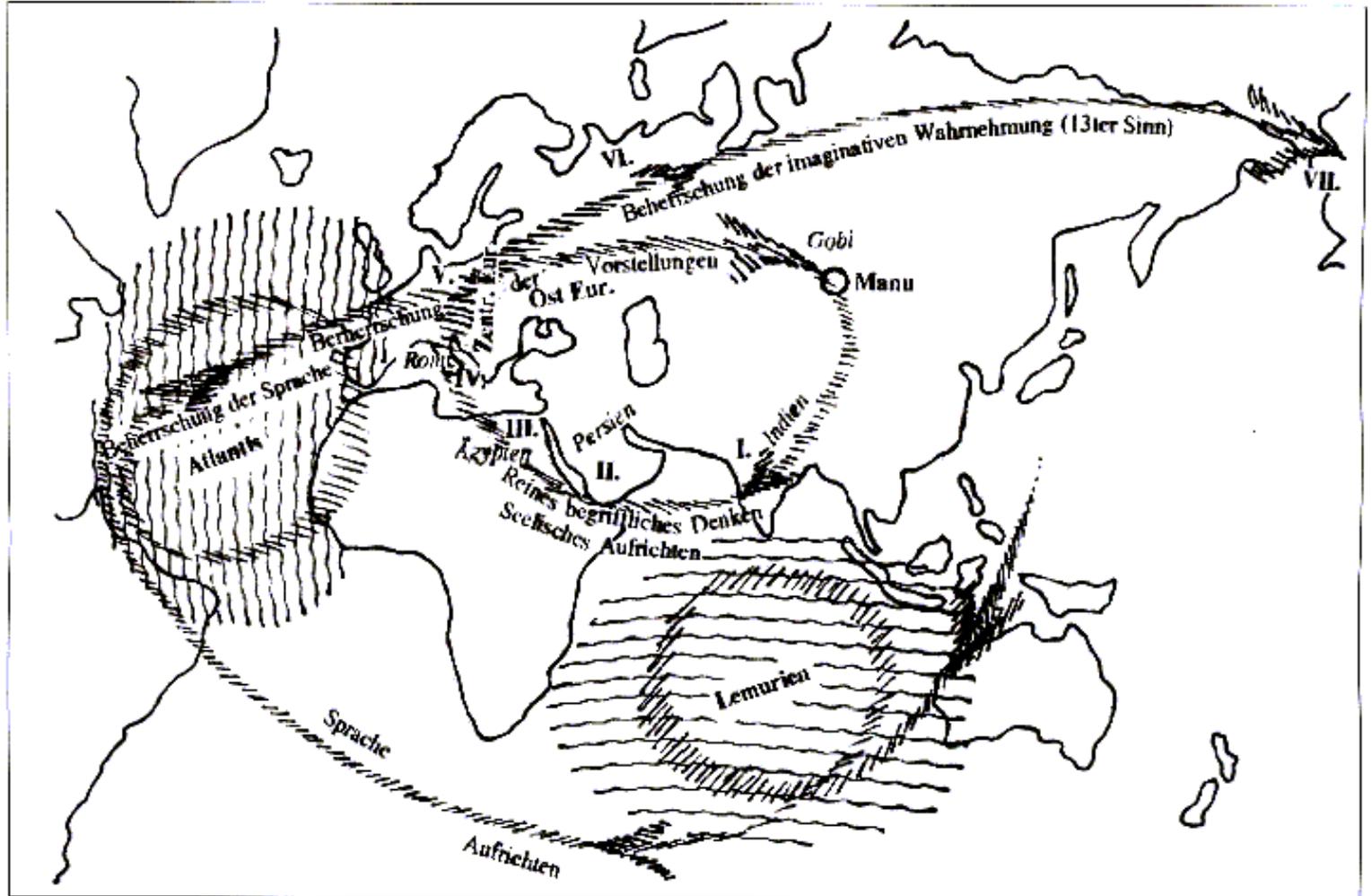
Path of the I Am

Path of Darkness

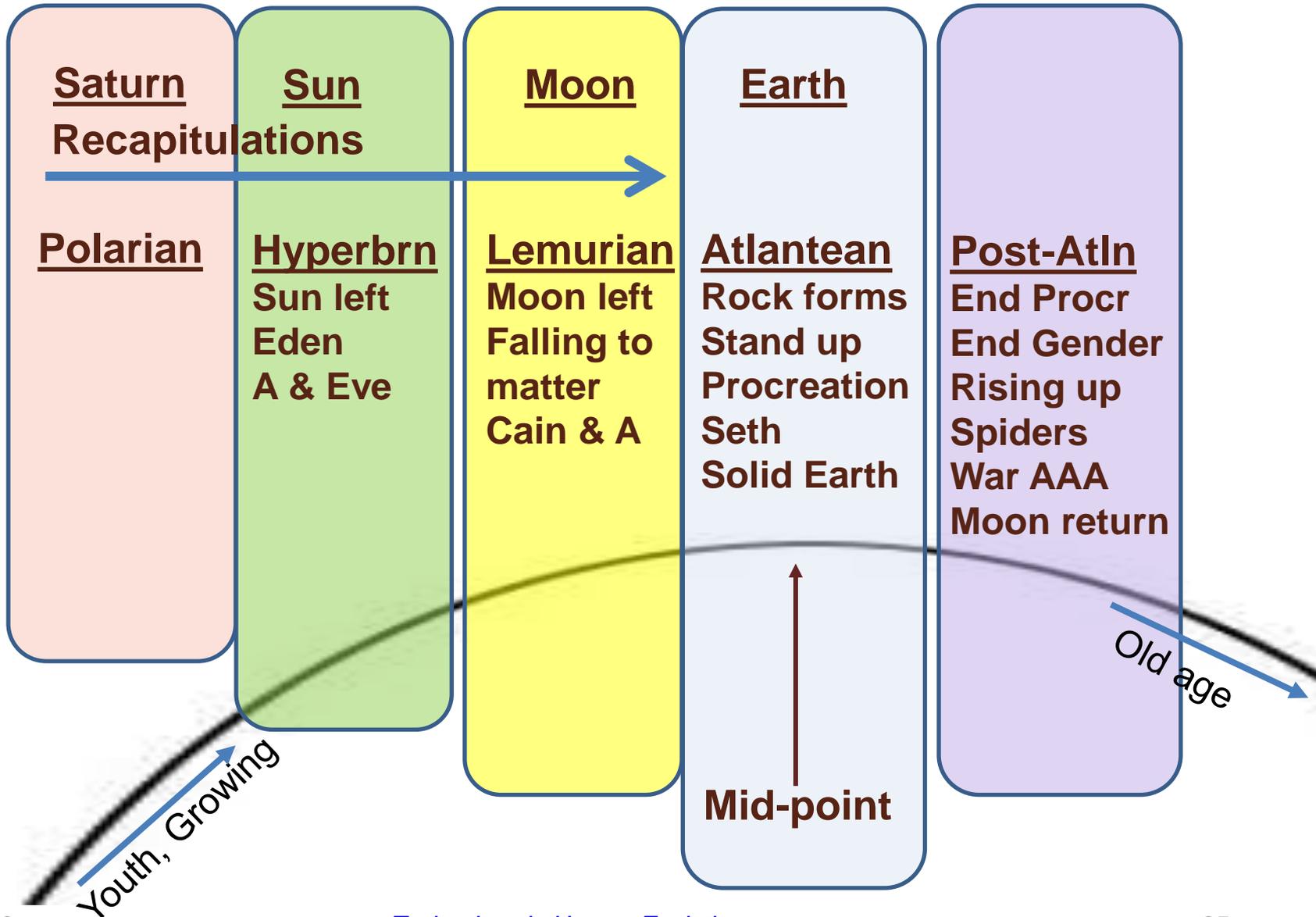




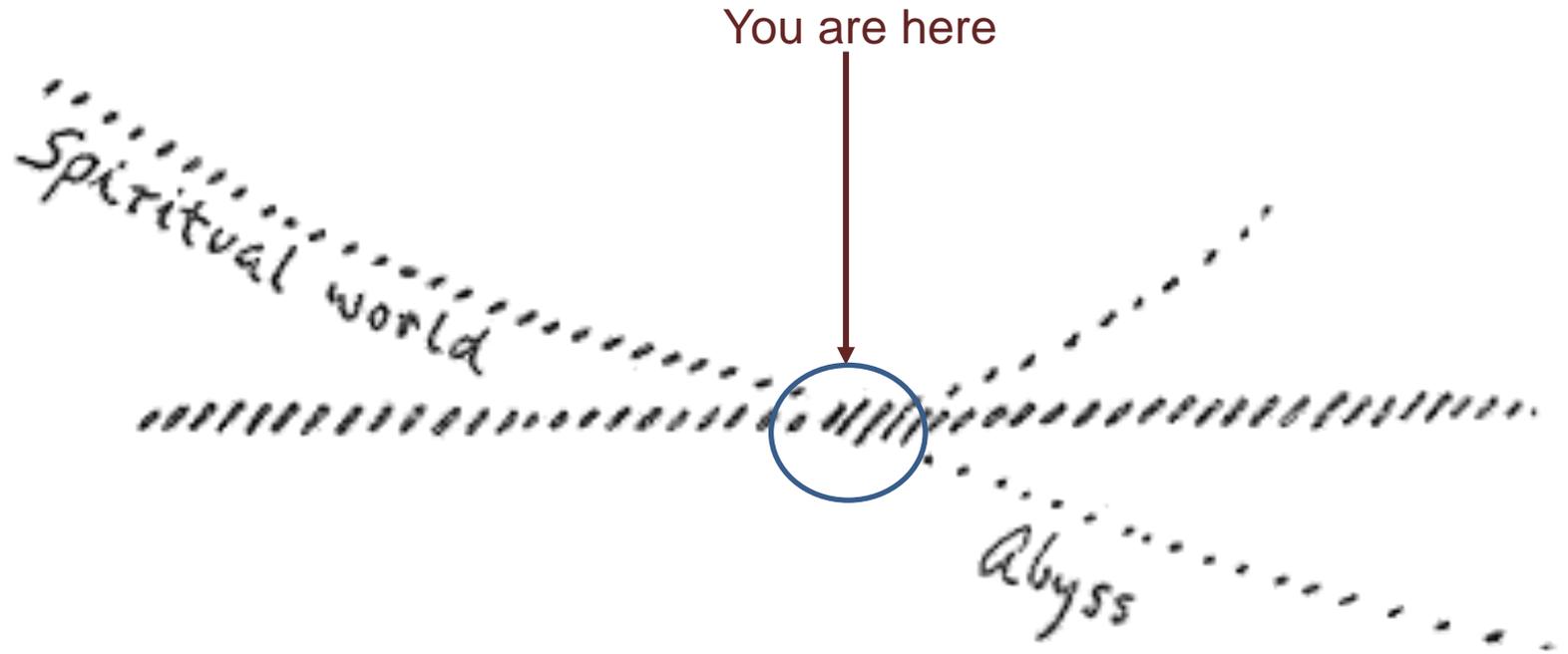
Geography of Past Epochs



Earth Evolution



Apocalypse: at Critical Point in Evolution



Spiritual evolution

Descend

Ascend

Earthly evolution

Ascend

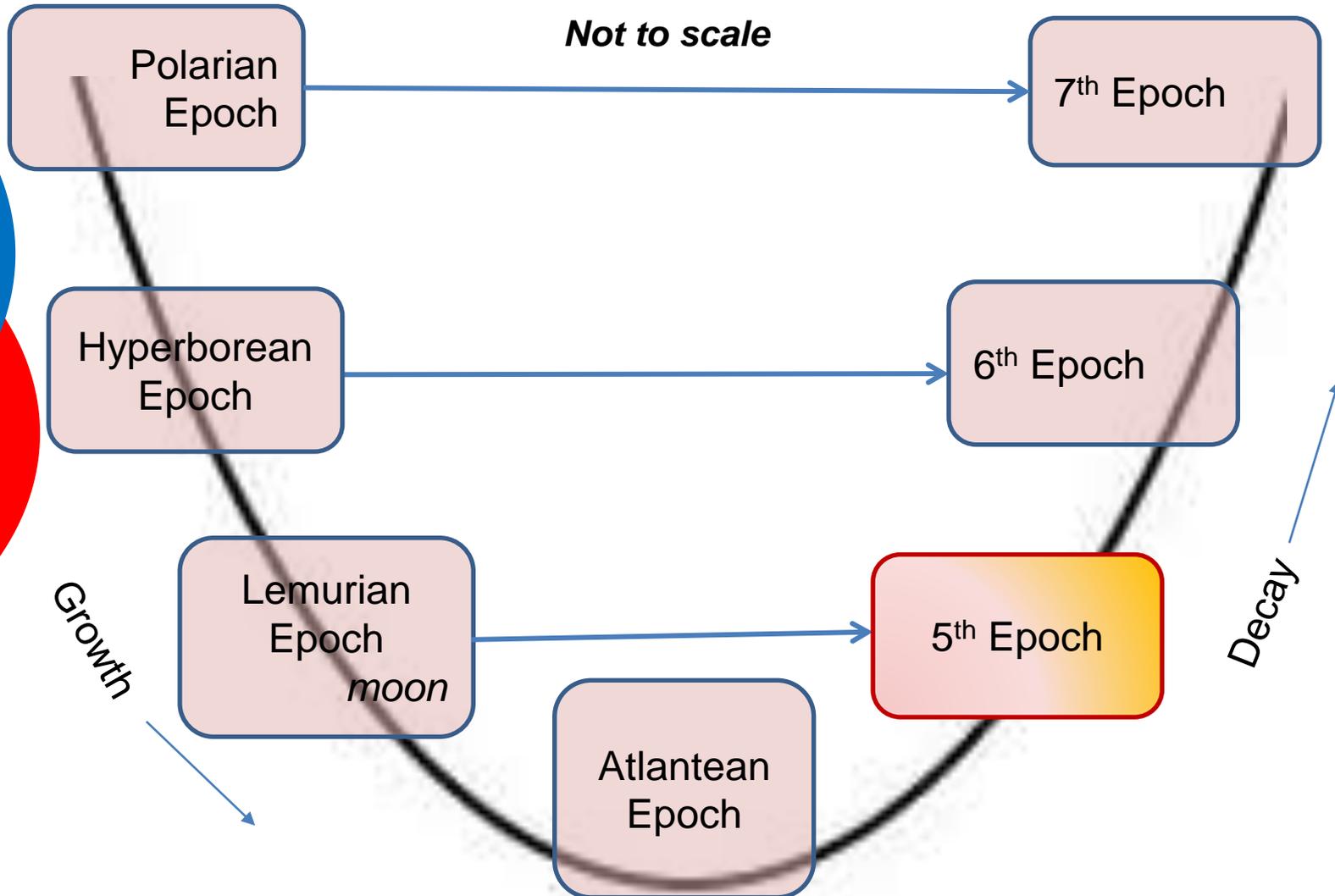
Descend

Of Iron Necessity



Question Interlude

Epochs of Evolution for Earth



In the Beginning

Eve and Adam

- Separate creations of Elohim
 - Androgynous, clone
 - Connection to parent lasted 100s of years
 - Included memories and even identification
 - Male and female as result of moon leaving
- Cain and Abel (transition period)
- Still androgynous becoming male & female

Seth

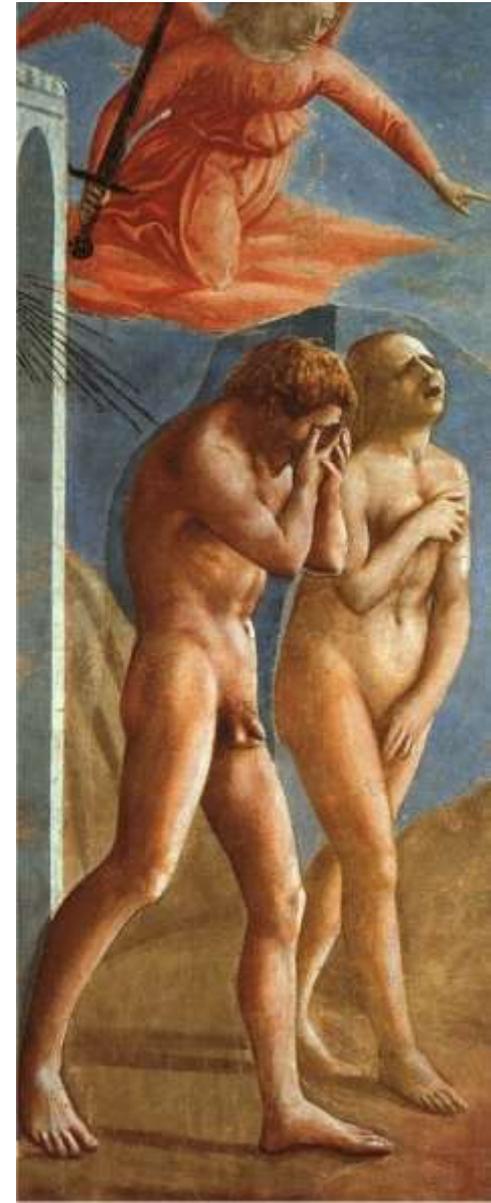
- From sexual procreation of Adam & Eve
- Abel men took wives from the Cain women – Niphilim giants
- Offspring of the "sons of God" and the "daughters of men" (Genesis 6:1–4)

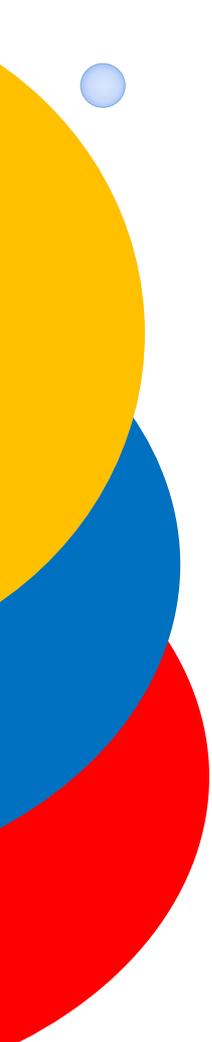


The Transition from Eden to Earth

We must "complete" what came earlier.

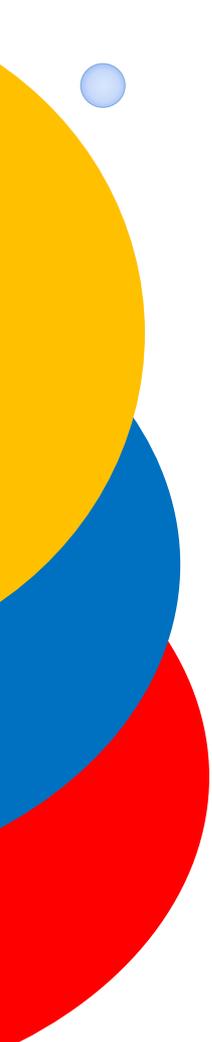
- Sexual procreation will end by about 5700 AD
 - Difficult to reach puberty
 - Already preparations are underway for this
- From 5000 AD to 8000 AD we will need to
 - Rely on the laggard angels
- Using the gifts from Ahriman's incarnation
 - But these gifts will lead to destruction
- War of All Against All
- Humanity need to develop the etheric body
 - Christ in the Etheric as leader for humanity
 - Christ-in-the-Etheric event a Cosmic Event





Intentions of the Gods

- “So, man is really a being who has undergone a **great coarsening** in his nature.
- For were he **as he was originally intended** in the purposes of the Gods, he would have **no bones**. His form would consist in super-sensible “Imagined” bones
- He would have **no muscles** to serve as an apparatus for movement, but he would have super-sensible substance moving within him.”
 - *World of the Senses and the World of the Spirit*, [lecture 4](#), 30Dec1911, GA 134
- Towards the archetype we will progress
 - As we leave behind what has coarsened in us



Of Ahriman, Evil, and Death

- Lord of **Death**: ruler of all the powers that have to bring about the annihilation and death of its entities, ruler of the ordering of death
 - Death in the sense world is a **necessary part** of its organization
- His sovereign domain is the **lifeless mineral** world
 - Mineral world and its laws pervade all the other kingdoms of nature
 - We absorb the mineral substances and, with them, all the forces and laws of the mineral kingdom
- Death extends into the higher regions of the lawful rule of Ahriman
- Right relationship with the sense world only when we bring a creditable **interest** to bear upon it
 - Rejoice rightly in the things of the sense world but not to be so dependent on them as to contradict the laws of death and decay
 - For the right relationship to growth and decay, the human being has the impulses of Ahriman within himself; they pulsate in him
 - From *Secrets of the Threshold*, [lecture 2](#), 25Aug1913, GA 147

We Hold the Balance

Luciferic

- Circle, law-hating
- Dissolve to liquid, slime
- Automatic intelligence like angelic hierarchy
- Brain-free thinking
- Crush free will
- Moral automaton
- Become entirely cosmic
- No earthly forces shape

Ahr

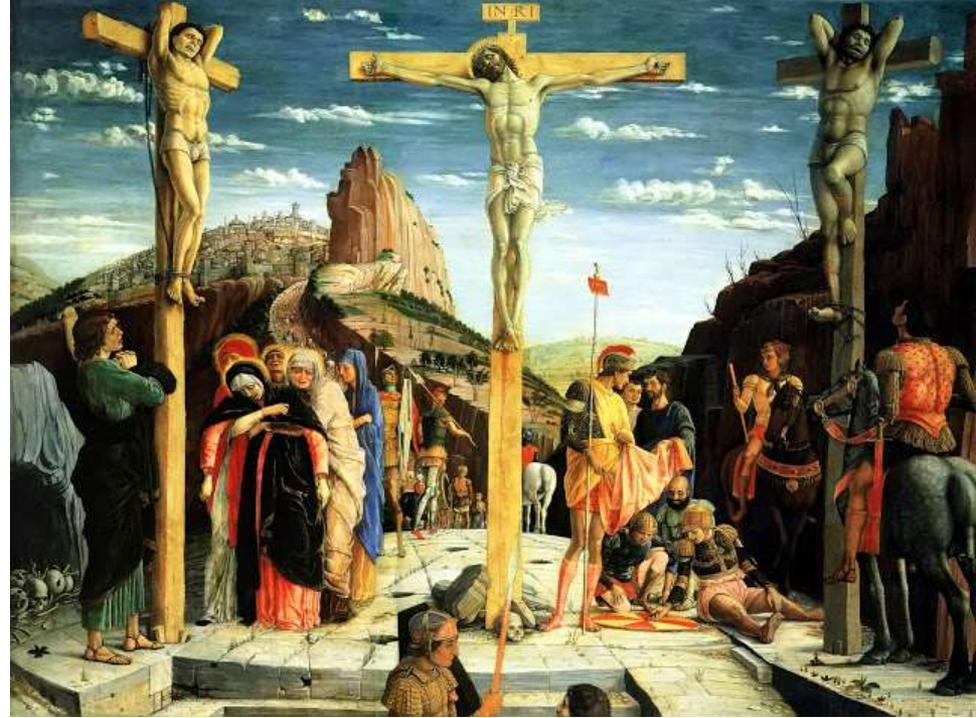
- S
- H
- I
- C
- E
- D
- M
- E
- Only earthly forces exist



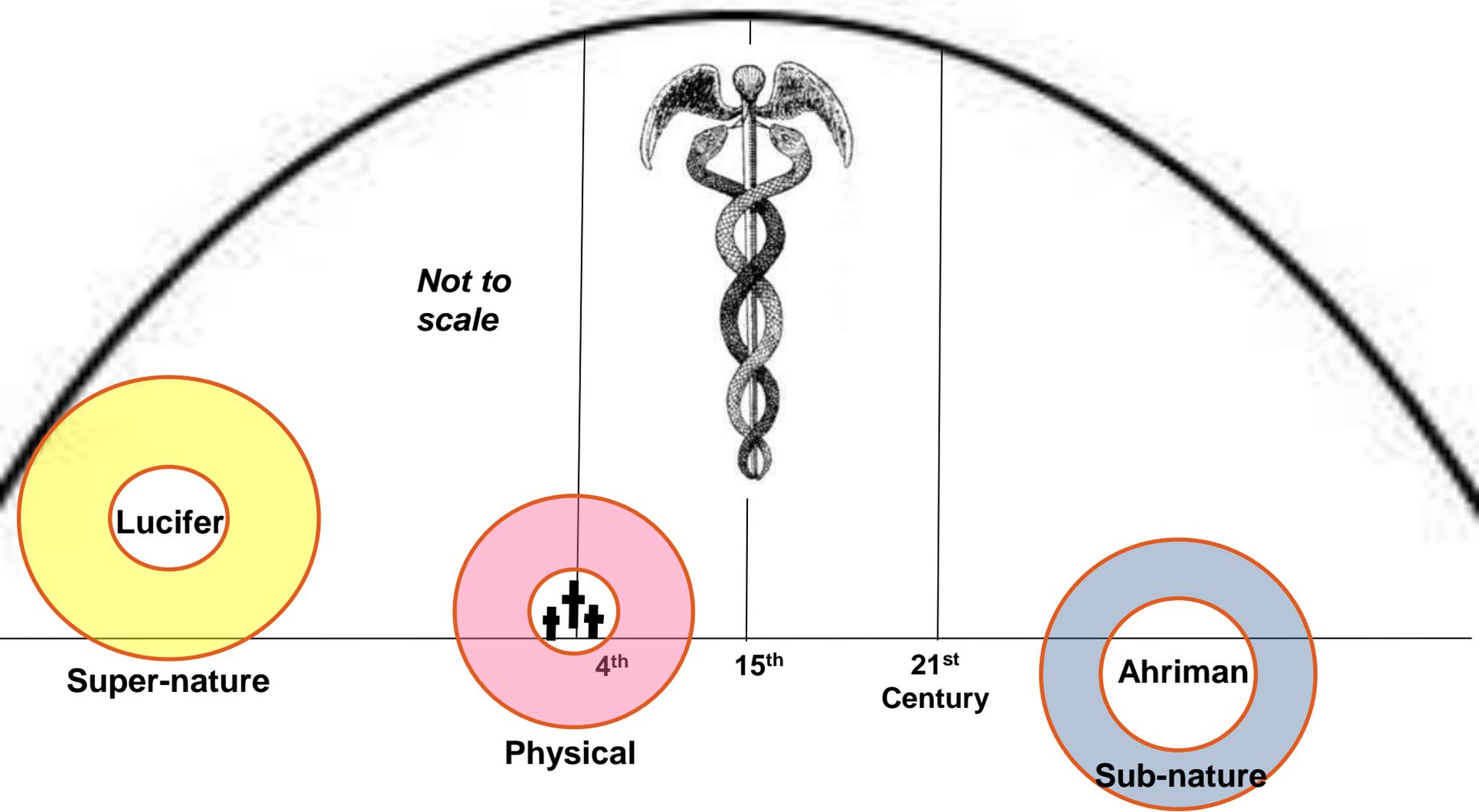
We need L&A

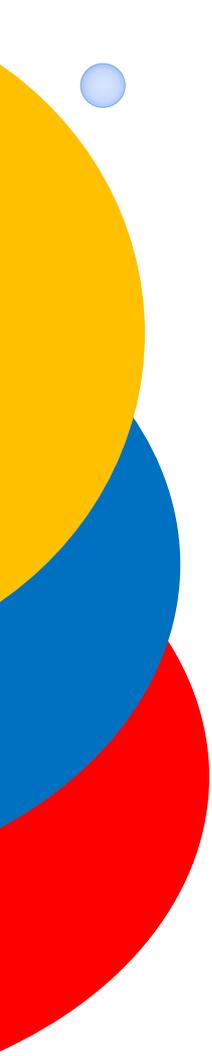
- “And then the very **contrast** between the ahrimanic and the luciferic will enable them to perceive the **third** reality. Human beings must consciously **wrestle** through to an understanding of this **trinity** of the Christian impulse, the ahrimanic and the luciferic influences; for **without this consciousness** they will not be able to go forward into the **future** with the prospect of **achieving the goal** of earth existence.”

– *Influences of Lucifer and Ahriman*, [lecture 3](#), 4Nov1919, GA 193



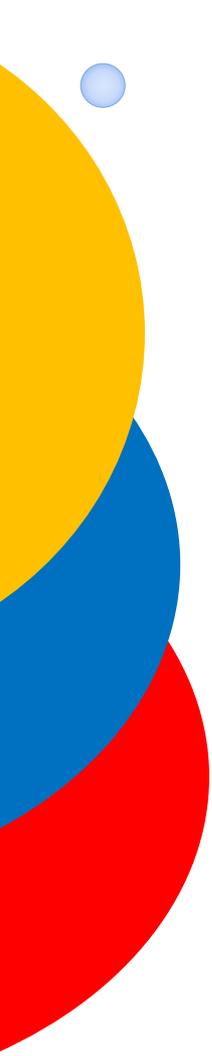
Ahriman Must Have His Incarnation for Cosmic Balance





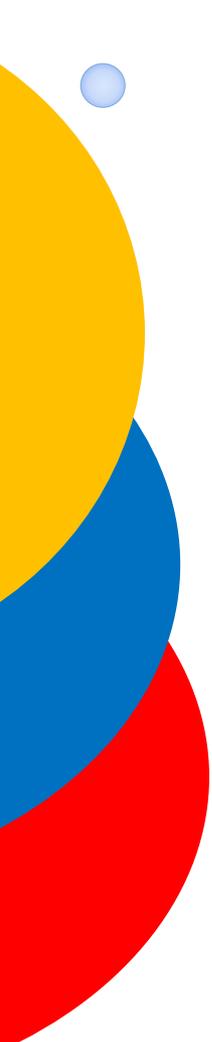
Balancing Lucifer and Ahriman

- “**Ahriman** strives to make us **purely temporal** men, to loosen our earth-life from our cosmic past”: *Now! Coldly, ‘just do it.’*
- “Where can we use Ahriman? To **avoid all illusions** about our own **inner life** and impulses and **observing ourselves** just as we observe the outer world.”
 - Lucifer & Ahriman, [lecture 2](#), 2Nov1919, GA 191
- “How can we use **Lucifer**? Nothing does more to prepare the path for Ahriman's incarnation than to find this or that **tedious**, to consider oneself **superior** to one thing or another and **refuse** to enter into it. We need to **bring enthusiasm** with its **warmth** to Ahriman’s sciences and technologies.”
 - IBID



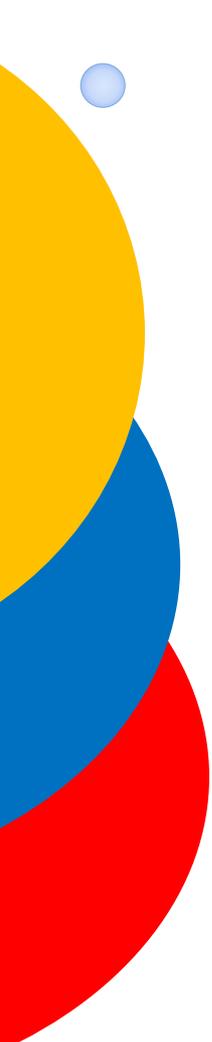
Enthusiasm for the Future

- "...But if men are able to rouse themselves to take into their consciousness what we have been studying, if they are able so to guide it that humanity can freely confront the Ahrimanic influence, then, **when Ahriman appears**, men will **acquire**, precisely through him, the **power to realize** that although the earth must enter inevitably into its **decline**, mankind is **lifted above earthly existence** through this very fact.
- When a man has reached a certain age in physical life, his body begins to decline, but if he is sensible he makes no complaint, knowing that together with his soul he is approaching a life that does not run parallel with this physical decline.
- There lives in mankind something that is **not bound up** with the already prevailing decline of the physical earth but becomes more and **more spiritual** just **because of this physical decline**.
- Let us learn to say frankly: Yes, the **earth is in its decline**, and human life, too, in respect of its physical manifestation; but just because it is so, let us **muster the strength** to draw into our civilization that element which, springing from mankind itself, will live on while the earth is in decline, as the **immortal fruit** of earth-evolution." – IL&A, [lecture 3](#), 193



L&A, the 8th Sphere, and Free Will

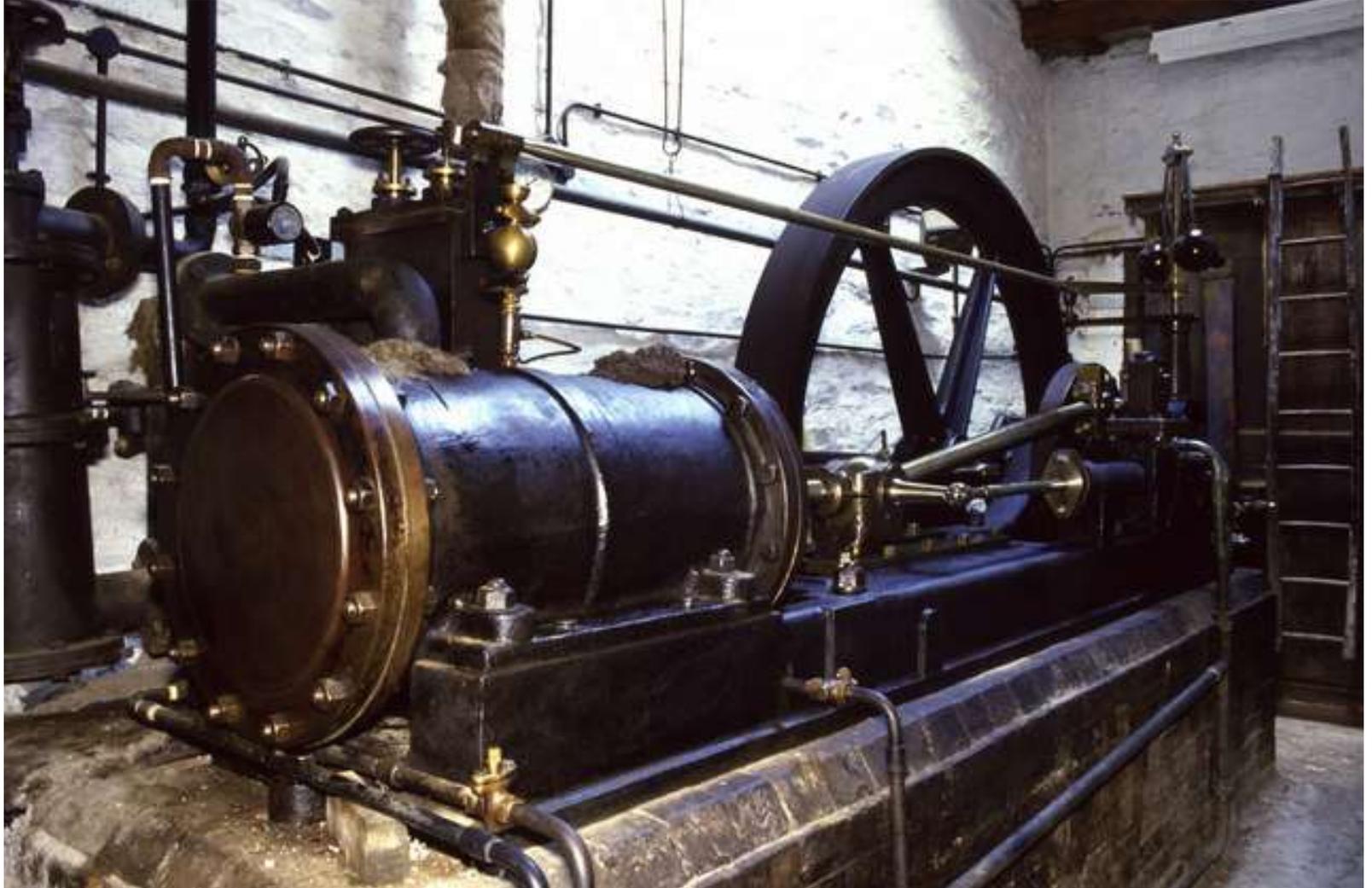
- “[When] the element of **free will** is transformed, for example, into **visionary clairvoyance**, when this is the case, that man is already in the **Eighth Sphere**.
- This is a matter of which occultists are so reluctant to speak, because it is an awful, terrible truth. The moment the free will is transformed into **visionary clairvoyance**, what unfolds in the human being becomes the booty of Lucifer & Ahriman
- It is **immediately** captured by them and thereby spirited away from the Earth. Through the shackling of free will, the specters of the **Eighth Sphere** are created.
- Lucifer & Ahriman are engaged perpetually in **shackling man's free will** and in conjuring all sorts of things before him in order to tear away what he makes out of these things and let it disappear in the Eighth Sphere.”
 - *The Occult Movement in the 19th C.*, [lecture 5](#), 18Oct1915, GA 254



Entering Sub-Nature

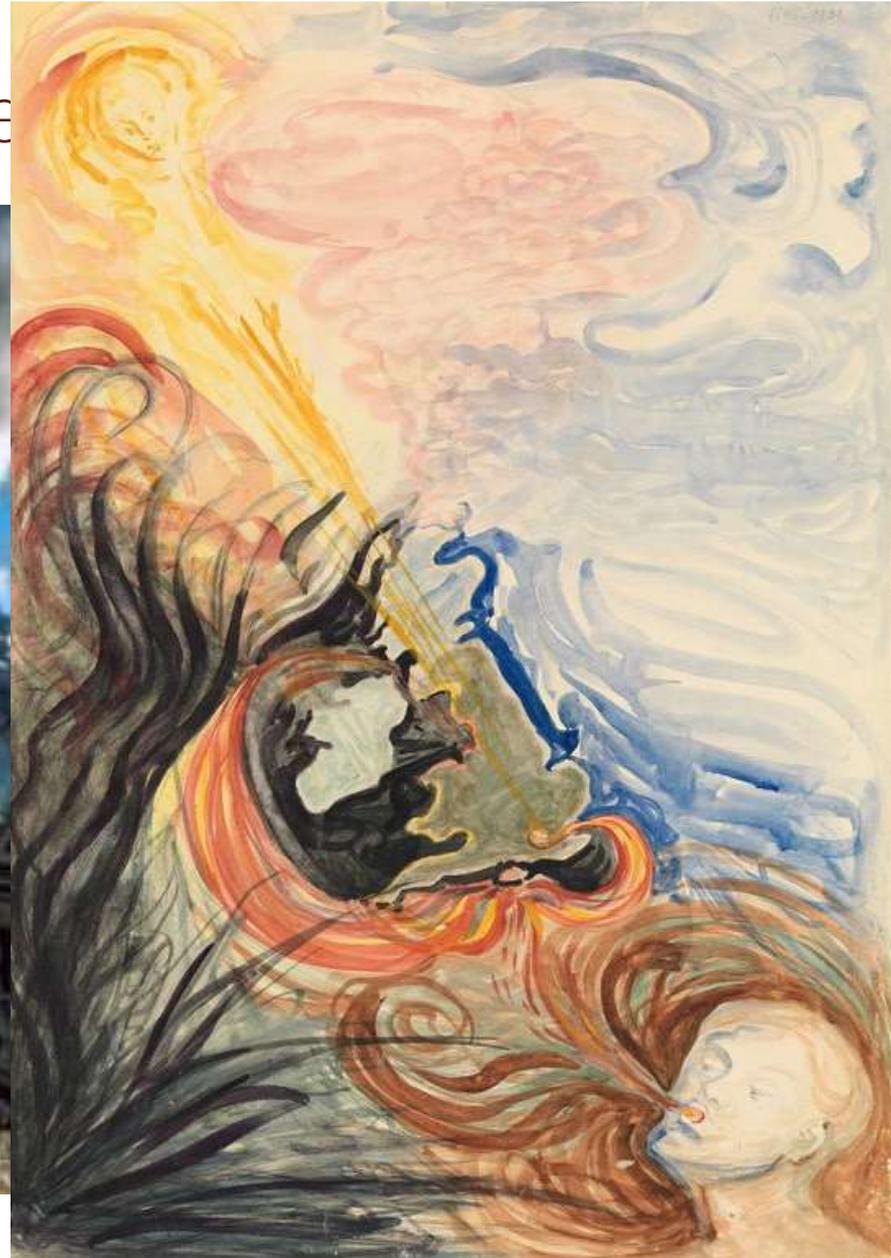
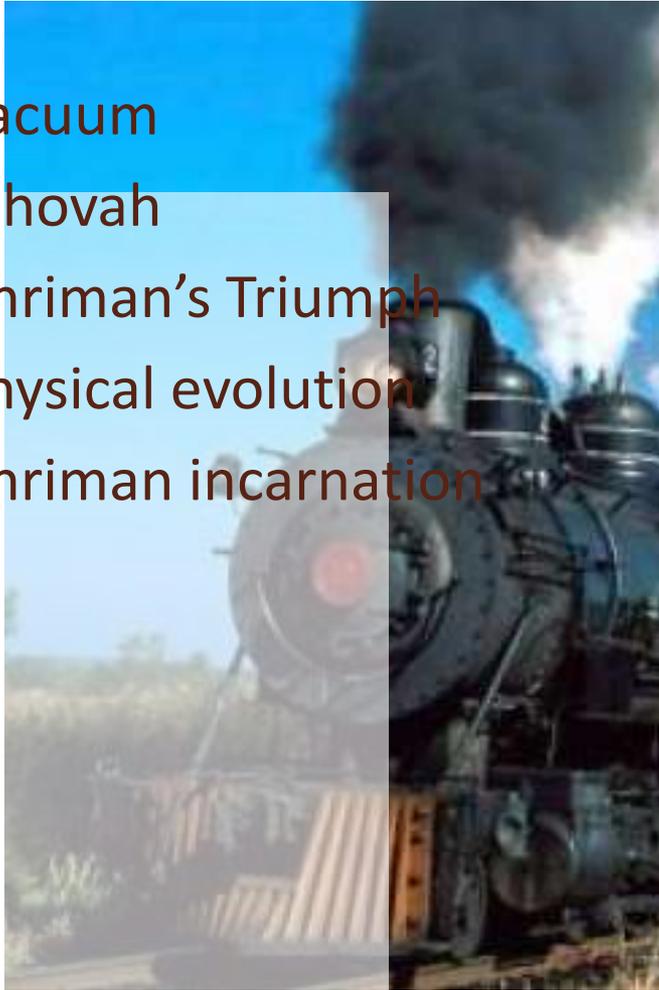
- The effect for men in that Christ passed through the Mystery of Golgotha is that they can **no longer** receive spiritual life merely through the fact of their physical existence, but only by **living** in the spiritual world.
- Anyone who now **lives only** in the physical world, is no longer living on the earth, but below the earth; because from the Mystery of Golgotha onwards, the **possibility** is given us of **living in the spirit**.
- The spiritual kingdom has in truth come among us.
 - A Sound Outlook for To-day and a Genuine Hope for the Future, [lecture 5](#), 23Jul1918, Berlin, GA 181

The Combustion Engine



Combustion Engine

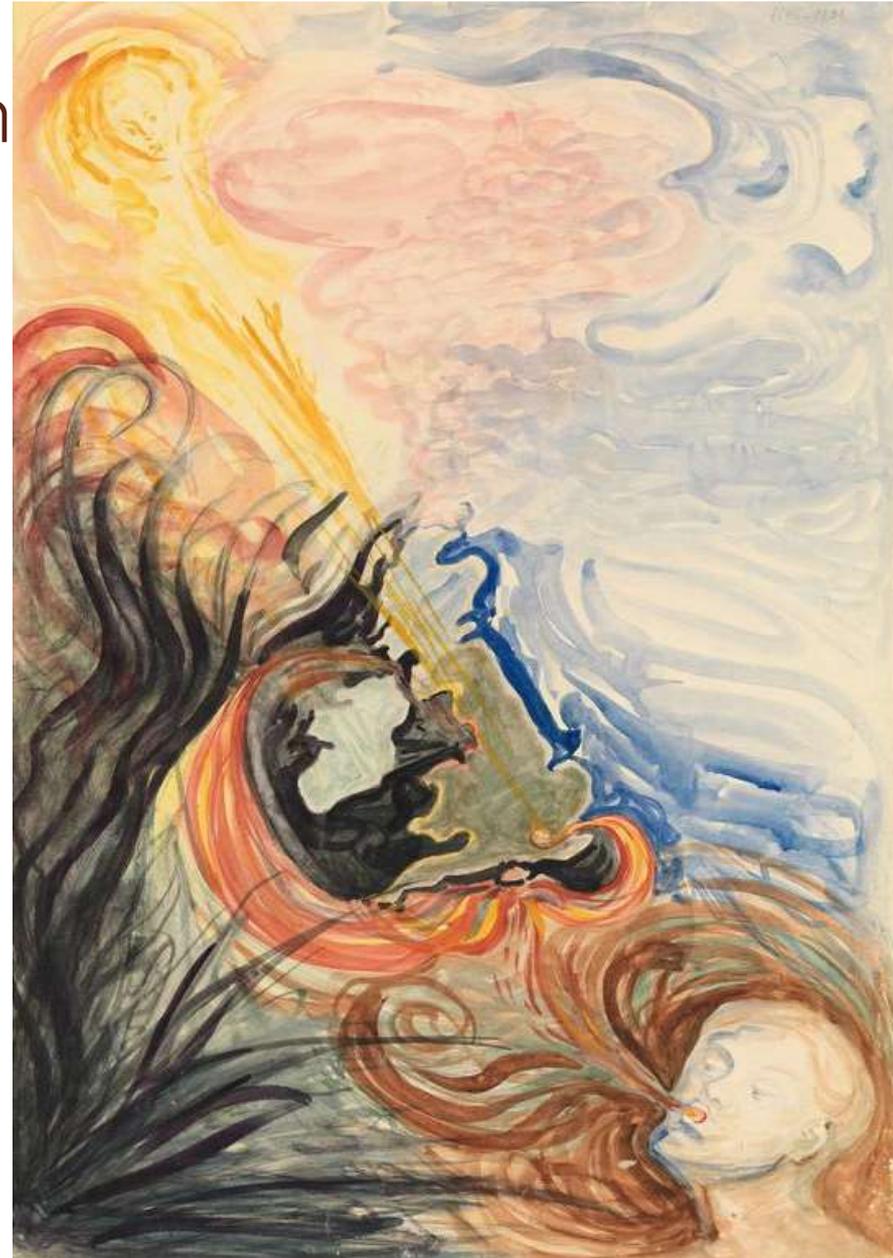
- Vacuum
- Jehovah
- Ahriman's Triumph
- Physical evolution
- Ahriman incarnation



Meaning of Breath

“I will confess that I would never have understood the part about the Elohim breathing the living being of man into his mouth and nose, if I had not known beforehand that the **breath of earthly human beings** also contains the first **germinal beginnings of the beings** who will become **human on Jupiter**. But Jupiter human beings can only arise from the kind of breath that owes its existence to deeds that **obey the ‘you shall’**, and which are therefore **moral actions.**”

- Art and Mystery Wisdom, [Lecture 7](#), 3Jan1915, GA 275



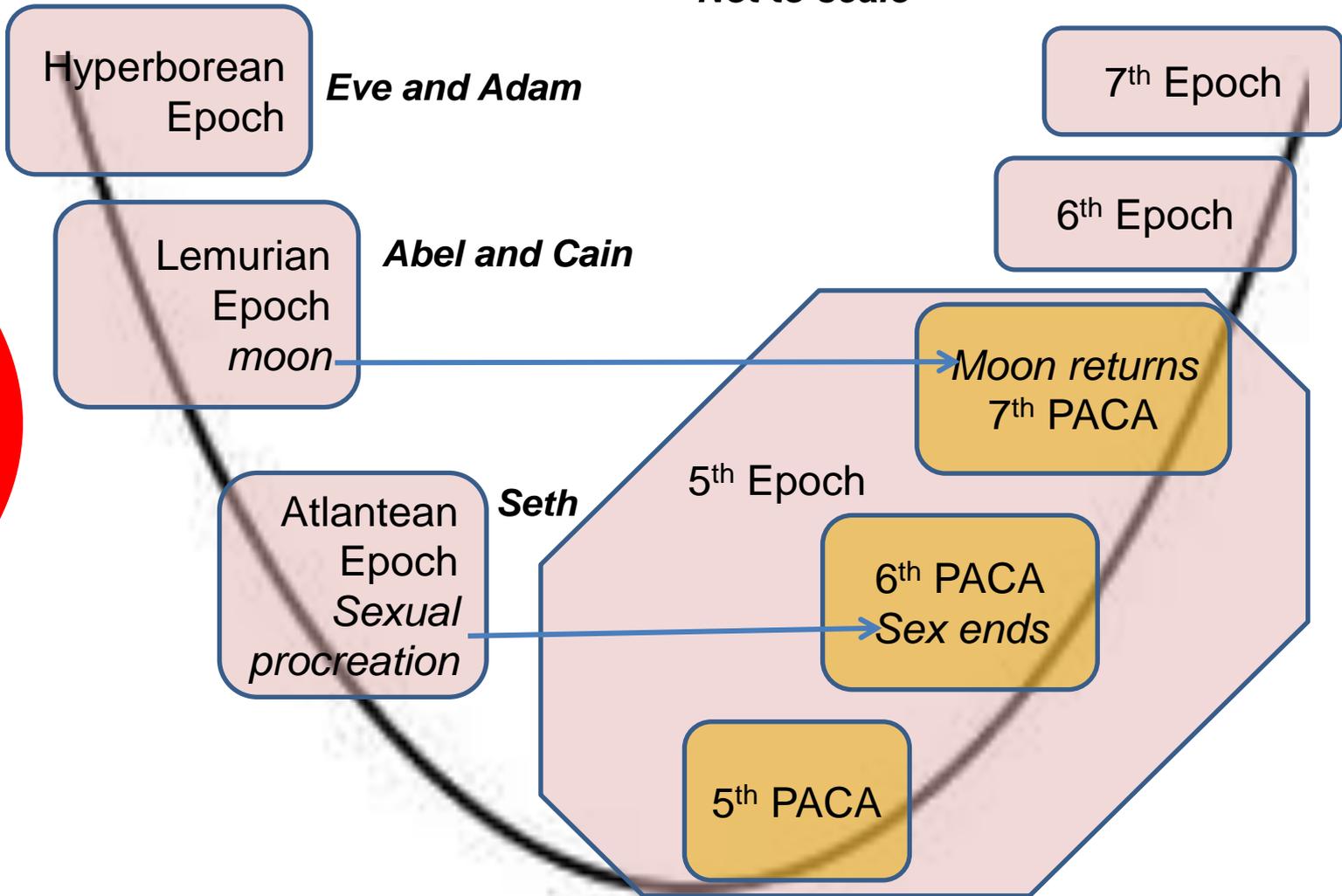
Key for us: To Recognize Ahriman

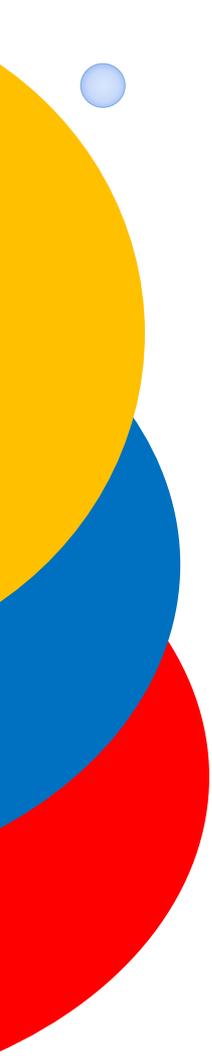
- We must “dive down into Ahriman’s sphere”
 - Some gifts to wrest from Ahriman
- Yet stand above his sphere



Cycle of Evolution for Mankind

Not to scale



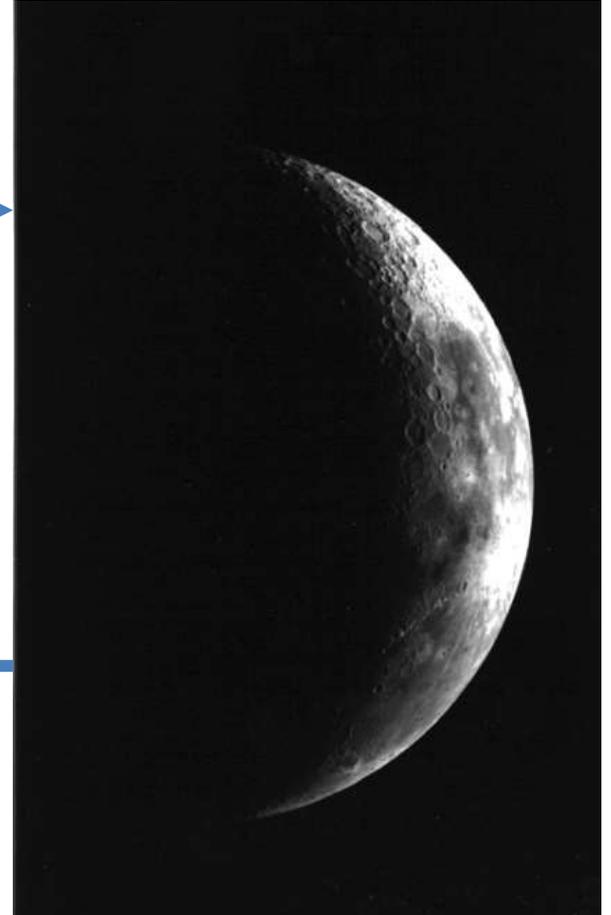


Experience of being in the Etheric

- “Let us consider first what the situation is when the astral body and ego approach the etheric body. In clairvoyance one can bring this condition about fairly easily, by **strengthening thinking** - strengthening it by very thorough, **energetic meditation**. Then it is easy to come to this condition; it is the **beginning of initiation**. One slips down into the **etheric body** but is not yet able to take hold of the physical body; one remains in the etheric body. In this condition it is possible to think very, very well. One sees nothing, hears nothing, but one can **think very well**. Thinking is not in the least extinguished, but seeing, hearing and the other sense activities are suppressed. At first, thinking remains the same, except that one can think more than previously. One can think such thoughts as we are expressing here, for instance thought about the macrocosm. Thinking becomes wider. One knows clearly; 'now I am in the etheric world.' Thus, when one is in the etheric body, one is truly in the world ether.” - *Pastoral Medicine*, [lecture 8](#), 15Sep1924, GA 318

Moon Left and will reunite

- Polarian Epoch:
- Hyperborean:
- Lemurian: →
- Atlantean:
- Post-Atlantean Cultural Ages
 - PACA 1-4
 - **Now** (5th)
 - PACA 6
 - PACA 7 ←
- Sixth Epoch
- Seventh Epoch



Origin of Moon Rocks? – Earth!



<https://www.sciencemag.org/news/2019/01/ancient-earth-rock-found-moon>

Why did the Moon Leave?



Moon & Sex

- Soul – Body Interaction
 - Becoming younger
 - 1 year every 300 years
- Christ: 33, today: 27
- 4th Millennium A.D: 21
- **7th M: 14**
 - Women will cease to be fertile, puberty will no longer happen
 - *An entirely different form of living on earth will thus come about*
- **We shall be connected with the earth in a way *other than through birth***
 - *Materialism and the Task of Anthroposophy* [lecture 14](#)

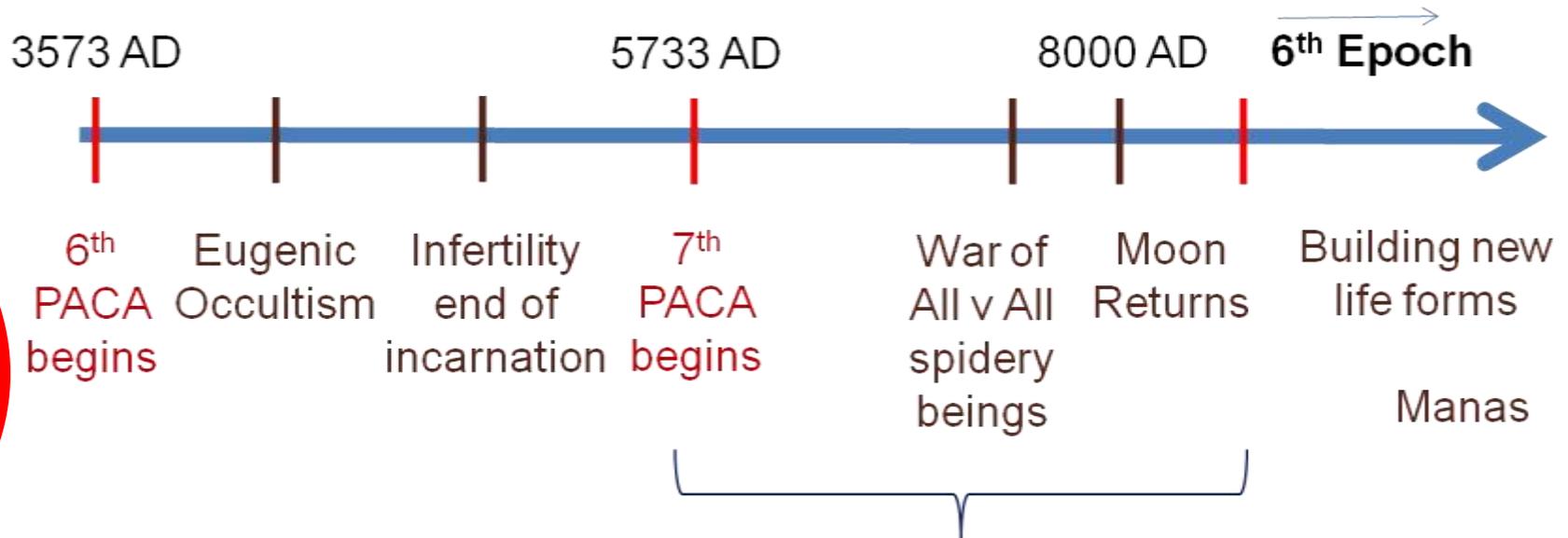


IMPACT OF MOON'S RETURN



TIMELINE FOR A FUTURE 'WELDING'

Conquer the Mineral Kingdom



Manas



No physical bodies

Will we use robotic bodies?

- How will we prevent hackers taking over our body?
- How will we prevent our astrality and egoism from doing terrible destructive acts? Ans: moral tech

Vulcan Help since 1880



- Artistic Imagination
- Influx of super-men
- Own evolution



- Balances the double

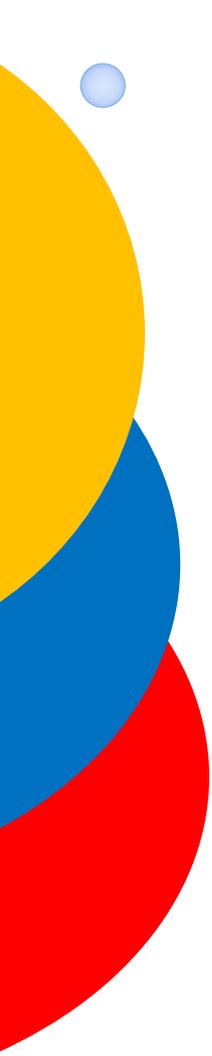


- Rides to Olympus
- Mystery

Lecture REview

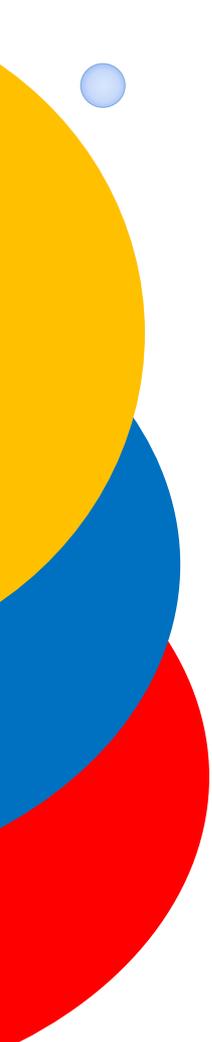
- Facing Technology in 2nd half of Earth evolution
- Earth evolution now in Involution, entering old age
- Ahriman's incarnation – gifts for the future
- Moon departure and return
- Sexual procreation ends
- The Ahrimanic Double
 - Separates
 - Own evolution
 - Physical realm rule
 - We enter etheric
 - Christ in the Etheric





Closing Verse

- “And may a right moment also come for mankind in the near future, even as it is predestined to come if mankind is not to fall into decadence. May Man understand that **he has to pass through** the next point, which **reverses materialism into its opposite**, the point where the great thought of the spiritual world can ray into mankind.
- **Preparation** is now being made for this in those whose karma has allowed them to come to Spiritual Science. And it will be the **continually recurring task of Spiritual Science** to turn its work in this direction. For to the materialistic age that has found the **enduring thought** which in its newest form Ahriman-Mephistopheles has placed into modern evolution, to this materialistic age **must be added** what can be experienced in passing through a **spiritual enduring thought**. Spiritual Science must see to it that mankind does not omit to grasp this spiritual thought.
- Therefore also must we not grow weary in warning Man again and again, lest the moment of time for the comprehension of Spiritual Science slip by and be lost.” – *The Templars*, 20Oct1916, GA 171



Schedule (times are CDT)

Friday, March 20

- 7:30—9:30 pm: *The Iron Necessity of Our Technological Age*

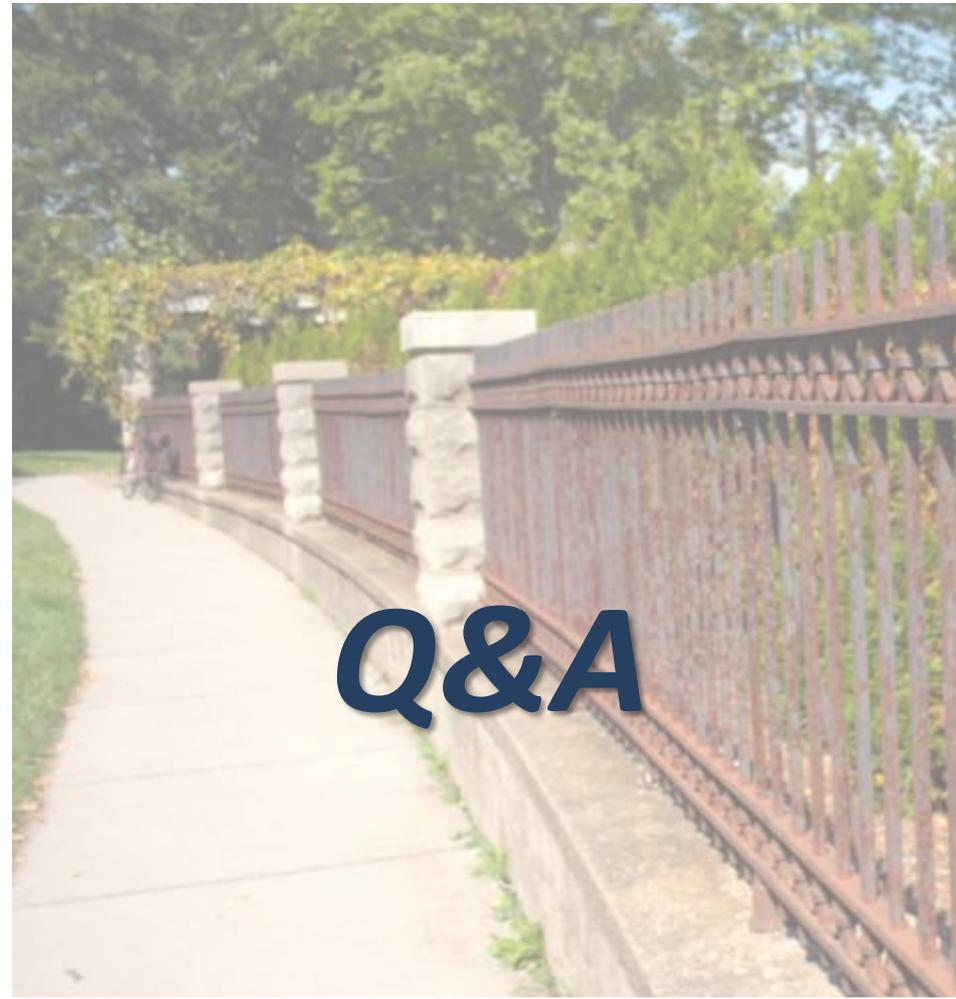
Saturday, March 21

- 9:00 - 9:30 Coffee, tea, and social time (at home)
- **9:30 - 10:30 Lecture: The Human Double and Its Future**
- 10:30 - 11 Break
- **11 - 12 Discussion: Counter-balances, Children & Tech**
- 12 - 1 Lunch (BYO)
- **1 – 2 pm The Three Occultisms, About MysTech**



The Iron Necessity of Our Technological Age

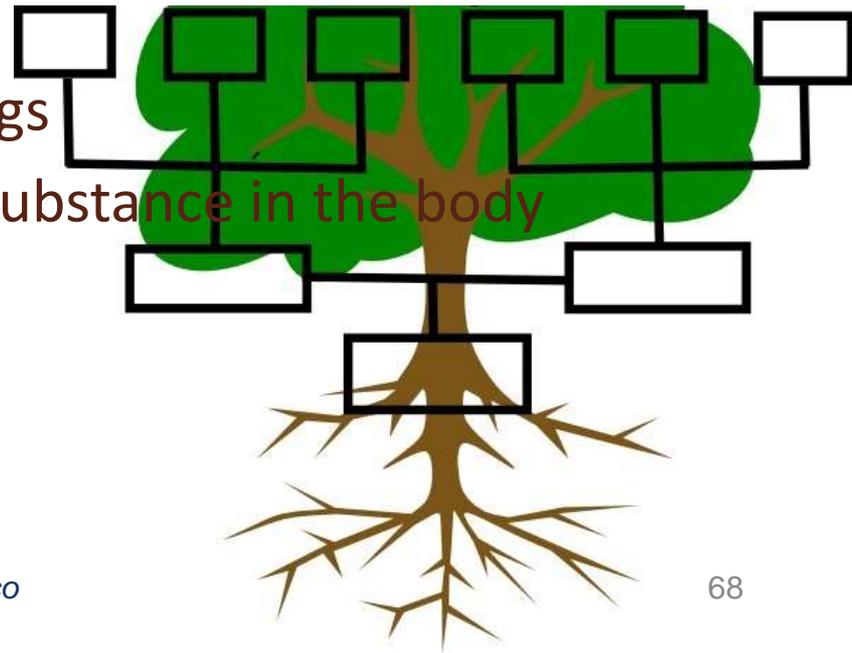
With Andrew Linnell



**Center for
Anthroposophical
Endeavors**

Sexuality and The Physical Body

- Adam, Eve, Cain, and Abel as lineages
 - All were androgynous
- The sequence of major events: Eden, Fall, Incarnation, Moon's departure, Start of Sexual Procreation
- Cain and Abel as the lineage of the Transition
 - Fall to Sexual Procreation
- ALL evolved into sexual beings
- Before the Fall, no physical substance in the body
- During Lemurian Epoch
 - Earth element entered
 - Electricity entered (Double)



Initial Conditions and Completions

	Saturn	Sun	Moon	Earth	Jupiter
	Heat	Air-Light	Water-#	Earth-Life	?
Cherubim	Thrones	Kyriotetes	Dynamis	Exusiai	?
	Sacrifice	Bestow	Renunciate	?	?
	Archai	Archangel	Angel	Human	?

EARTH'S RECAPITULATIONS

Epoch	Recaps	Condition	Polarity	Event
Polaris	Saturn	Fire	Warm – Cold	Bosom
Hyperborean	Sun	Air	Light – Elec	Sun, Fall
Lemurian	Moon	Water	Chem – Mag	Moon, Incarn
Atlantean	none	Solid Earth	Life – 3 rd	Procreation

- Adam & Eve, Eden, Astral existence, Air beings
- Abel & Cain, Transition, Etheric existence, Gender starts
- Seth, Sexual procreation begins Mid-Atlantean, Stand
- Destructions between Epochs