

# Envisioning the Archeocosmos

*Cogitations on the Shape & Position of Planet Earth*

Thomas Joseph Brown

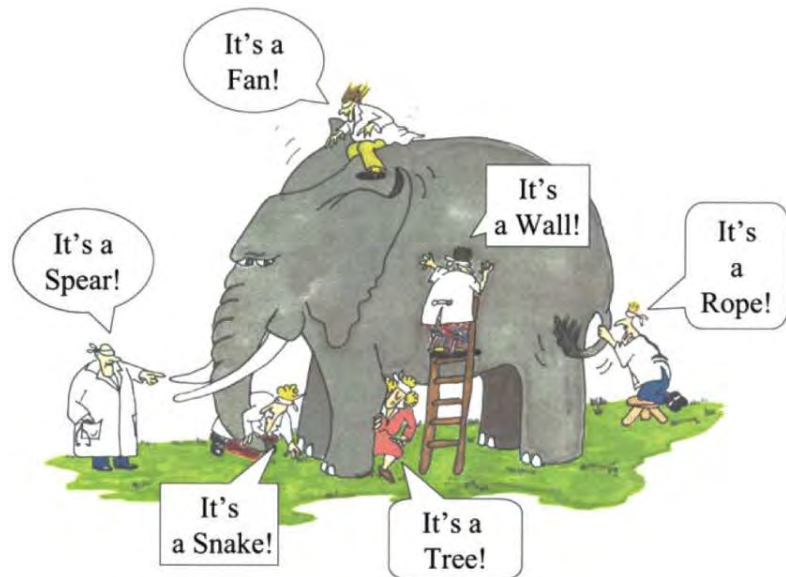
*Whenever a theory appears to you as the only possible one, take this as a sign that you have neither understood the theory nor the problem which it was intended to solve. ~ Karl Popper*

There currently exists a fluorescence of people querying the very nature of planet Earth; questioning the orthodox view that we are on a globe, spinning through the universe at astronomical speeds, circling a photon-spewing nuclear furnace, insignificant random meat puppets doomed to paying our "fair share" as slaves to the humanitarian evolutionary grind.

This is an encouraging sign!

The main contenders of world views are Heliocentric (acentric), Geocentric (anthropocentric), Geocosmic (concave), and Flat (planar). This is an overview of the different theories, with evidence of support and denial, in light of looking to the greater picture, the archetype from which our base of experiential manifestation emanates.

In the Goethean approach to the Natural sciences, in botanical studies, one does not take a plant at any particular stage of its development and state that it is the whole of the plant. Rather one utilizes their cognitive capacities to observe and ingest the evidence of the plant growing in metamorphic stages from seed through shoot, stem, leaf, flower, fruit, then back to seed, in order to allow for higher order processing and comprehension of the archetypal source of the ideated plant, from which the one under observation is both a cause and effect example of planetary faunal life.



The sign of a healthy intellect is the ability to retain a suspended judgment until sufficient facts are acquired and data is properly assessed to make at least a preliminary determination.

Skeptics scoff, believers believe. Both types, in fact all people, have the base of their world view imprinted in their paleomammalian limbic cortex, ruled by emotion and the dopaminergic pleasure and reward cycle. This appears to prevent logic functions in the neocortex from entering into the cognitive process during the appearance of challenging information. We believe we're right even when we're shown we're not.

As neurologist Dr Robert Burton has described, our sense of certainty is a mental sensation beyond our conscious control, and not evidence of fact. We are self-deceived into thinking we

have reasoned the matter out, when it is really just our conscious mind observing our character structure fulfilling its program in real time.

One's ability to process data is thereby limited by their worldview, and thus factual objective data is often considered false and rejected. The ability to consider an idea without necessarily accepting it is essential. Once one thinks beyond orthodox bounds their critical capacity to discern the most probable reality will prevent them from wandering off into ungrounded fantasy, as many do.

In the original [Liberal Arts](#) the Trivium curriculum consists of Grammar, Logic and Rhetoric, in that order, *i.e.* respectively: input-definition, coherence-processing, and explanation-knowledge. It is far too common that people put the "logic" of their worldview prior to grammatical assessment of objective reality, so they are never able to define said reality properly, their imprinted worldview is sustained, their output skewed. This extends to current and historical events, and qualitative and quantitative assessment of the universe and all that which is in it.

So the rule of thumb, if not doing direct research, is to rely on people who have done their research and can objectify their evidence in a logical framework independent of beliefs. If that then fits larger frameworks then one is generally on the right track.

One exploring these realms would be wise to develop the ability to entertain these diverse ideas by thinking out what stages of logic in support do exist if one were assigned to defend any of these diverse positions in a debate exercise; entertain the ideas without accepting them. In consideration of the great mysteries of the universe one must overstep their intellectual limits as a pure mental exercise. Perspective is the greatest of teachers.

As for world views, naturally I grew up with the standard heliocentric model of the status quo paradigm, learned how we scientifically progressed from silly folks pre-Copernicus who were so mentally unevolved that they considered that our world is in the center of Creation.

However, I've extended my quest openly to fully understand the ongoing search for relationships between cosmologies and a verifiable cosmography. Feel free to do the same.

The extant world views can be put into four general categories with which to consider the arguments for and against them, Heliocentric, Geocentric, Geocosmic (concave), and Flat. What follows is an overview of these diverse perspectives and their potential relationships.

Do the unthinkable, think!



# Heliocentrism

*"You are insignificant!"*

According to the orthodox paradigm Earth is a convex spheroid travelling in an elliptical orbit around our Sun along with the other planets of our solar system, the Sun being one of billions of stars moving through space at vast speeds, in an arm of a spiral galaxy known as the Milky Way, one of billions of galaxies in the so-called "known universe." There is no center we could know of; everything is expanding from an alleged "Big Bang" some 13 Billion Earth-years ago.



This larger perspective has been developing from the time of Nicolas Copernicus, who usurped the ancient views of Earth as the center of creation, with the heavens cycling around, and replaced it with the concept of Earth rotating upon an axis while orbiting the Sun. But he was not the first to say so.

## Earth as sphere

The concept of Earth as a sphere requisite to the heliocentric model vastly predates the Copernican Revolution. The spherical Earth was mentioned historically in ancient Greek writings and showed its face in Persian, Arabic and Indian writings.

*"Pythagoras (6<sup>th</sup> Century B.C.) was the first Greek who called the Earth round; though Theophrastus attributes this to Parmenides, and Zeno to Hesiod." ~ Laertius, (3<sup>rd</sup> Century AD).*

Pythagoras was a heliocentrist, he studied with priests in Egypt, and then in Persia under the Magi, who possessed ancient high knowledge, as did the Egyptians.

**Plato** wrote that our Creator: *"made the world in the form of a globe, round as from a lathe, having its extremes in every direction equidistant from the center, the most perfect and the most like itself of all figures." "My conviction is that the Earth is a round body in the center of the heavens, and therefore has no need of air or of any similar force to be a support."*

**Aristotle** taught that the Earth is a globe and noted such facts as the change in constellations seen at differing latitudes, and that the round shadow of Earth on the Moon during a lunar



eclipse was the shadow of a sphere. Aristotle believed in a geocentric universe, as did Plato, in which the fixed, spherical Earth is at the center, surrounded by perfect concentric celestial spheres of planets and stars.

**Heraclides** (390-310 B.C.) proposed that the apparent daily motion of the stars was created by the rotation of the Earth on its axis once a day. This view contradicted the accepted Aristotelian model of the universe, which said that the earth was fixed and that the stars & planets in their respective spheres might also be fixed.

*“Aristarchus (of Samos c. 270 B.C.) has brought out a book consisting of certain hypotheses .... His hypotheses are that the fixed stars and the Sun remain unmoved, that the Earth revolves about the Sun on the circumference of a circle, the Sun lying in the middle of the orbit, and that the sphere of fixed stars, situated about the same center as the Sun, is so great that the circle in which he supposes the Earth to revolve bears such a proportion to the distance of the fixed stars as the center of the sphere bears to its surface.” ~ Archimedes*

**Eratosthenes** (circa 205 B.C.), librarian at Alexandria, calculated the circumference of the Earth, as well as the tilt of the globe’s axis to its orbital plane. He measured the angle of the shadows of two vertical sticks at Syrene and Alexandria in Egypt, and from the angles, knowing the distance between the two cities, calculated the Earth’s circumference with a fair degree of accuracy

Global Eratosthenes Project – where school children around the world reproduce Eratosthenes’ experiment. Results from the Andean countries in 2015:

“From Monday 15 to Wednesday, June 24, 2015, about 80 teachers from Argentina, Brazil, Chile, Colombia, Peru & Venezuela, motivated by Eratosthenes, joined to work with their students to measure the size of the Earth.

“For the measurement of 21 June 2015, 1587 teachers with students registered ... the Terrestrial Radius = 6363 +/- 126 km ... the average accepted value is 6371 Km.

“We see that our result is only 8 km below the accepted value which pleases us very much and demonstrates that together we can achieve excellent results.”

<https://eratostenes-unawe-region-andina.blogspot.com>

**Crates** of Mallus created the first known globe circa 150 B.C. “We have now traced on a spherical surface the area in which we say the inhabited world is situated; and the man who would most closely approximate the truth by constructed figures must necessarily take for the earth a globe like that of **Crates**, and lay off on it the quadrilateral, and within the quadrilateral put down the map of the inhabited world.” ~ Strabo

**Posidonius** (c. 135-51 B.C.), using the position of the star Canopus from different latitudes, calculated the



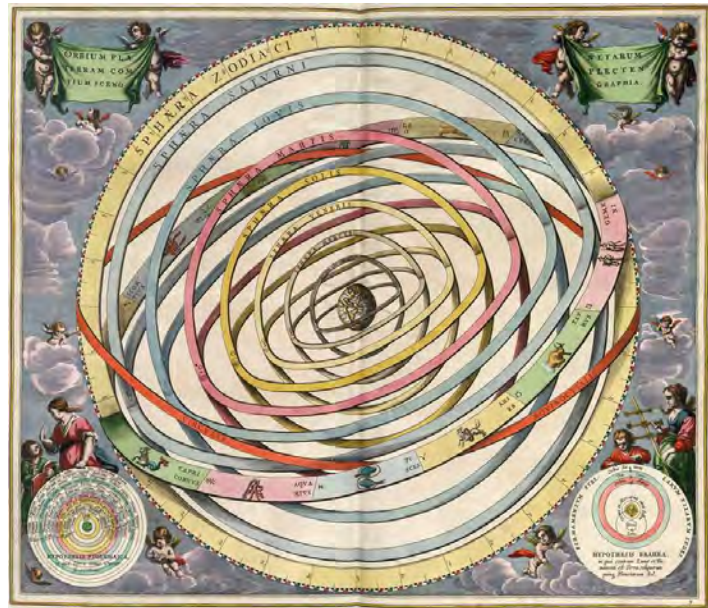
Eratosthenes



Crates of Mallus' Globe circa 150 B.C.

circumference of the Earth at 240,000 "stadia" = 39,000 km, ≈ actual of 40,074 km.

**Ptolemy** (2<sup>nd</sup> century A.D.), in his **Geographia**, used the globe as the center of the universe, and developed a system of latitude and longitude. In his astronomical work "Mathematical Treatise" Ptolemy proposed a system with multiple spheres for planets and stars, spheres within spheres (of crystal clear *aether*) to account for the apparent forward and retrograde motions of the planets against the fixed stars, (using epicycles and deferents).



**Martianus Capella** (5<sup>th</sup> century A.D.) expressed the idea that the planets Venus and Mercury did not go about the Earth but instead circled the Sun.

**Aryabhata** (499 A.D.) proposed a planetary model in which the Earth spins on its axis, with the periods of the planets taken as elliptical orbits around the Sun.

**Nilakantha Somayaji** (1444–1544), in his *Aryabhatiyabhasya*, developed a computational system for a partially heliocentric planetary model, in which the planets orbit the Sun, which in turn orbits the Earth, similar to the Tychonic system.

*"That the motion we see is due to the Earth's movement and not to that of the sky."* ~ **Abu Sa'īd al-Sijzi** (c. 1000 A.D.)

**Abū Rayḥān Al-Bīrūnī** (11<sup>th</sup> Century AD), a great Persian scholar, is widely acknowledged as the Father of Geodesy. He calculated Earth's radius at approximately 6,339 kilometers, 99.5% of the correct figure, and claimed Earth rotates on its axis. He developed trigonometric formulae for geodetic and cartographic purposes. al-Biruni developed polar azimuthal equidistant projection maps which are useful for various geodetic measurement calculations.

"Ancient Indians called this planet '*Bhu-gol*' or the Round Earth, proving advancement over the flat-Earth theory believed by almost every other Early civilization. In his famous Book on India, **Alberuni**, the medieval Islamic scholar quotes an Indian astronomer **Brahmagupta** to write-

*"A man on Meru observes one identical star above the horizon in the zenith of Lanka, the country of demons, whilst a man in Lanka at the same time observes it above his head. Besides all astronomical observations are not correct unless we assume the globular shape of heaven and earth.*

*"Therefore we must declare that heaven is a globe, and the observation of these characteristics of the world would not be correct unless in reality it were a globe. Now it is evident that all other theories about the world are futile."*

<https://decodehindumythology.blogspot.com/p/historical-facts.html>

## The Copernican Revolution

The Copernican Revolution was a time of a major paradigm shift from the old geocentric conceptions, which were experientially and spiritually based in most ways, to the new math-derived heliocentric concept, which is considered scientific or “rational.”

Polish astronomer Copernicus (1473-1543) mathematically reduced the geocentrically-observed complex motions of the planets to their lowest common denominators resulting in the simple orbits of the planets around the Sun.

The heliocentric model makes geometric sense, with its basic layout in space, providing simple solutions for the varying brightness of planets, their occasional retrograde motion, and other cosmic phenomena. There is a fundamental logic to it, backed by direct observations and calculations.

Copernicus acknowledged the nascence of his heliocentric theory with Aristarchus, and studied Euclid, Ptolemy & Islamic sources such as Nasir al-Din al-Tusi (13<sup>th</sup> Century).

al-Tusi was an exceptional polymath, and constructed an observatory for determining proper astronomical tables. Copernicus copied diagrams directly from his work, using the “Tusi couple” as an integral device to his calculations

**Galileo** (1564-1642) – Italian astronomer & father of mechanistic science, discovered the larger moons of Jupiter, and promoted Copernicus’ Heliocentrism. Galileo ignored the Tychonian system which was preferred by astronomers of the time, not taking it seriously.



Tycho's equipment

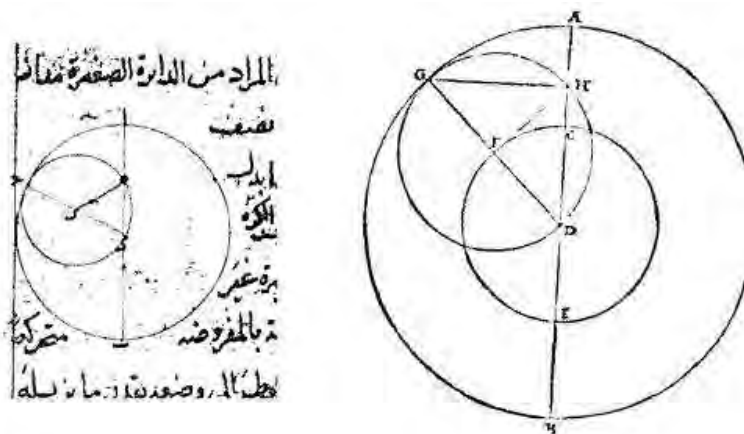


Figure 6.2

Proofs of the Tūsī Couple from the works of Tūsī (left) and Copernicus (right), showing the identity of the lettering of the diagrams. Wherever Tūsī had *alif* Copernicus had A, and wherever Tūsī had *bā* Copernicus had B, and so on, except that where Tūsī had *zain* for the center of the smaller sphere Copernicus had F. See figure 6.3.

**Tycho Brahe** (1546-1601) – Danish astronomer, promoted Geocentrism in the midst of the Copernican Revolution. In his Introduction to the New Astronomy (1588) he presented a Geocentric hybrid of the Ptolemaic and Copernican systems. Mercury and Venus orbit the Sun, the Sun orbits Earth, Mars, Jupiter, and Saturn orbit the Sun at greater distances. Tycho made highly accurate astronomical observations on special equipment of his design.

Tycho hired Johannes Kepler, (1571-1630) – German astronomer & mathematician, to help interpret his data on the motions of the planets as observed. Kepler believed in



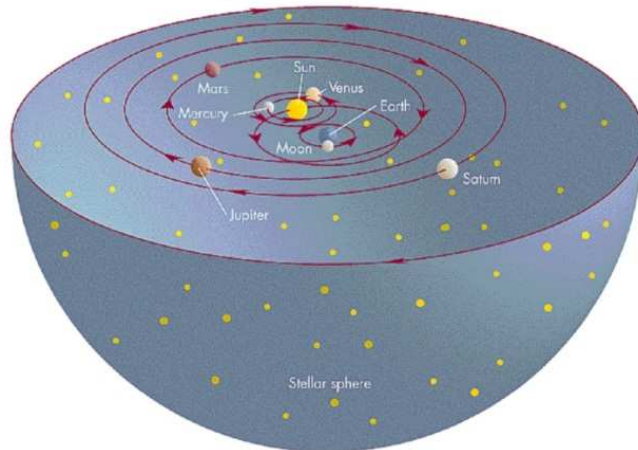
the Copernican system. After Tycho's death Kepler took the data and used it to create the simplified Heliocentric model using elliptical orbits, the reconciliation of observation vs calculation, the Tychonian vs the Copernican.

Kepler presented what is known as the "harmony of the spheres," an idea he presented in his [Harmonices Mundi \(The Harmony of the World, 1619\)](#), the relationships between geometry, music, and the structure of the solar system.

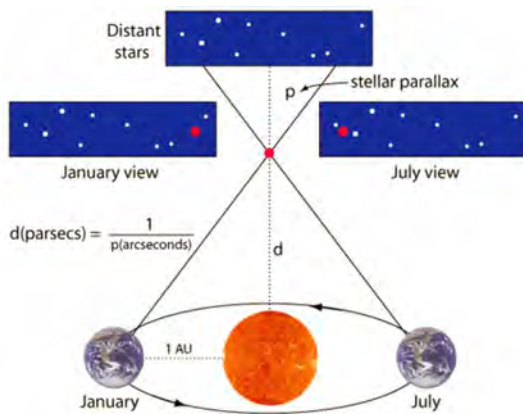
Thus was presented an orderly heliocentric system based on the nested geometry of the Platonic solids.

The Tychonian system produces the same calculated results as Copernican system, in relation to our Earth-bound observations, the difference being that Tycho considered the Earth to be at rest at the center (with Moon and Sun orbiting the Earth, the rest of the planets orbiting the Sun), and Copernicus reduced Earth's position to as merely one of the planets orbiting the Sun. The only way to tell these two systems apart would be stellar parallax, which is predicted by the Copernican system.

## Tycho's Model



Parallax is the change in apparent position of an object from different perspectives. Stellar



parallax is the expected motion of closer stars against more distant ones from different positions of the Earth's orbit around the Sun, say six months apart.

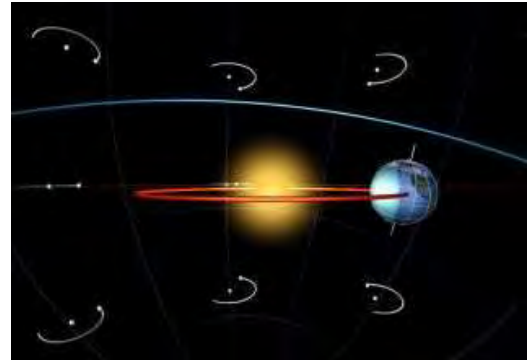
One of Tycho's chief arguments against the Copernican system was this lack of observable stellar parallax, indicating an unlikely vast empty void between the outer orbit of the planets and the realm of stars.

Astronomer Royal James Bradley's experiments measuring the position of star gamma Draconis from London in 1727 indicated what is known as stellar aberration, due to what he considered Earth's motion around the Sun.

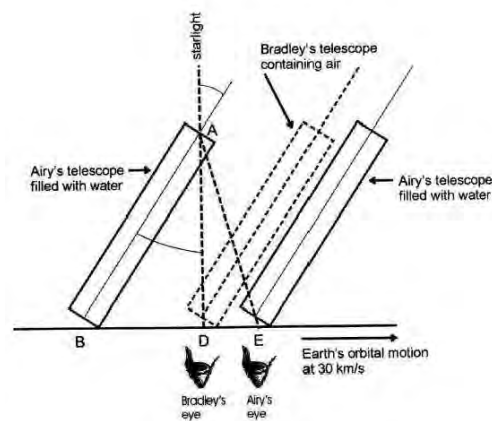
Think of aberration as similar to rain coming at an angle when you run into it rather than standing still. However, Bradley did not measure the sought after parallax, the assumed change in position of stars due to Earth's orbit around the Sun.

Bradley's experiments were later followed by Astronomer Royal George Biddell Airy's negative results in the detection of parallax in his experiments of 1871, the famous "Airy's Failure."

Far from the expected results, Airy's Failure could be taken that the stars are moving relative to a stationary Earth and not the other way around. By first filling a telescope with water to slow down the speed of light inside, then calculating the tilt necessary to get the starlight directly down the tube, Airy failed to prove the heliocentric theory, since the starlight was already coming in the correct angle with no tilt necessary.



*Stellar Aberration*



Geocentrists take this as proving the geocentric model correct.

These negative results led on through decades of ether drift experiments, seeking to find an ether which would be moving with the Earth, pulling the starlight along with it as it rounded the Sun. This was because the Copernican view had settled in and the apparent geocentric results were anathema, so eventually Relativity was mathematically constructed to explain away any results not germane to heliocentrism.

Friederich Bessel measured the parallax of the star *61 Cygni* in 1838, prior to Airy, which is curious that it is never mentioned in discussions of Airy's Failure. As technology advanced more precise measurements of the stars have been able to be made.

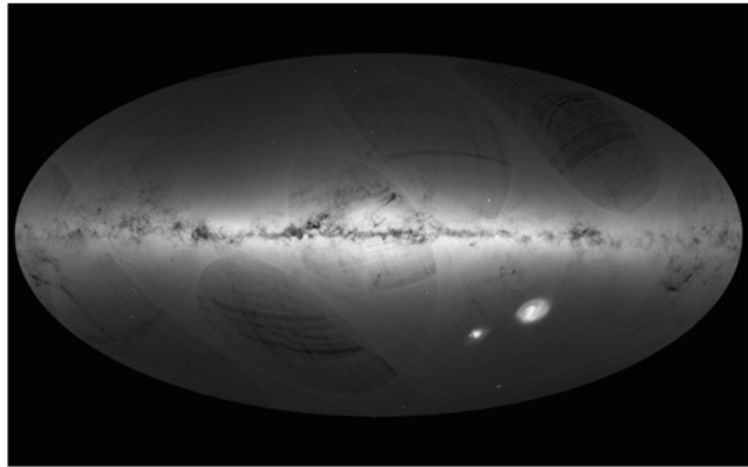
The satellite Hipparcos was put up in 1989 specifically to measure parallax, and it has been relied upon heavily. However, comparing Hipparcos data with parallax measurements from Hubble and ground measurements the "Hipparcos anomaly" of an error of about 55 light years to the Pleiades was found. It appears this anomaly applies only to star clusters, which is curious!



So a new satellite, [Gaia](#) is now in L2 orbit:

“The main goal of the Gaia mission is to make the largest, most precise three-dimensional map of our Galaxy by surveying an unprecedented one per cent of the galaxy's population of 100 billion stars.”

and the first major data release is the star map pictured.



Gaia galaxy map

Parallax research describes that the movement of the Earth around the Sun is indicated by the measurements, as tiny as they are. We are clearly reliant on the readings of equipment, we cannot directly experience the change of position so measured.

What is little discussed is “negative parallax.” The distribution of positive and negative parallax measurements in the Tycho catalogue is about equal with 25% negative parallax readings, 29% positive parallax readings, with the remainder showing effectively no parallax. Also the magnitude of the readings were about equal between negative and positive. If the negative readings are in error, then either the equipment is faulty and no readings are reliable, or the recorded stellar movements themselves are only proof of motion, not parallax.

## Rotation

While the parallax experiments are meant to confirm Earth’s orbit around the Sun, what direct measurable evidence is there to verify Earth as a sphere rotating upon its axis?

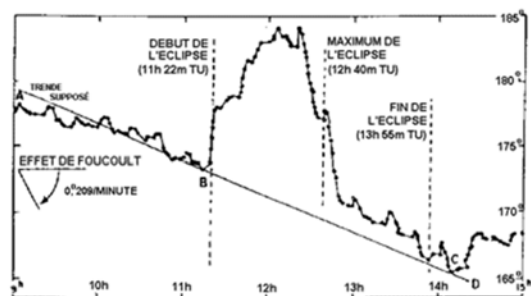
Foucault’s Pendulum is said to demonstrate that a pendulum of sufficient proportions can track the rotation of Earth. This was first exhibited in the middle of the 19<sup>th</sup> Century and is a fixture at many museums around the world.

Maurice Allais, in his testing of Foucault’s pendulum effects, discovered that during a solar eclipse the pendulum is deviated for the period of the eclipse.

“During the total eclipses of the sun on June 30, 1954, and October 22, 1959, quite analogous deviations of the plane of oscillation of the paraconical pendulum were observed...” ~ Maurice Allais, 1988 Nobel lecture

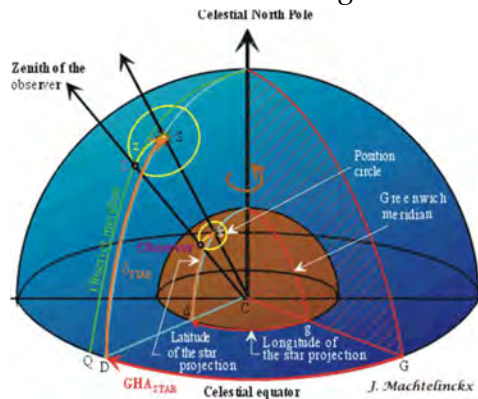
This effect has been reproduced in further experiments at Jassy University, Romania on Feb 15, 1961 and elsewhere: <https://goo.gl/M8FHe3>

This strikes at the validity of the theory of gravity, and in some minds brings into question whether or not Earth is rotating beneath the pendulum.



Solar Eclipse Effects upon Pendulum, Jassy Univ.

Traditional Celestial Navigation on the oceans is based upon the Earth as a sphere. While using a sextant to sight the position of Sun or star is based on simple planar geometry, the actual calculation of position (via longitude and latitude) requires spherical trigonometry.



For short distances where the route is generally known simple Plane Sailing can be used, but this method is useless for long distance sea voyages where knowing one's longitude and latitude is essential to arrive safely at one's destination.

Commonly used equatorially mounted telescopes will only work on a spherical earth in order to track the stars

so they don't move out of the field of vision during observation. They are programmed to rotate at the same rate as the earth but in the opposite direction. The calculations will be the same whether the Earth or the Heavens are rotating.

Experiments with gyroscopes demonstrate both the rotation and the shape of the earth. Free rotating gyroscopes conserve angular momentum and always point in the same direction. The angle between the earth's angular momentum vector and the gyroscope's angular momentum vector is the latitude at which the gyroscope is located, thus Earth's surface is tilted by {90 minus latitude} degrees from the axis of rotation, which can only occur on a sphere earth. If Earth was flat a gyroscope pointed up would always point up, but this is not the case with one of proper size and mass to relate to Earth's rotation. There are many experiments confirming gyroscopic precession is latitude dependent.

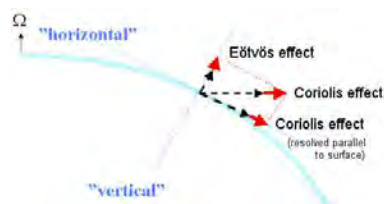
Using the fact that the earth is rotating is also the basis for navigational gyrocompasses, which are a non-magnetic compasses based on a fast spinning disc and Earth's rotation which can find True North and thus actual geographical direction on that basis. True North is the direction of Earth's rotational axis, rather than magnetic north as per a magnetic compass. This eliminates potential interference from ferrous metal in ships' hulls as well as localized magnetic deviations in Earth's field. This renders them naturally superior for navigational purposes on ships.



*Navigational gyrocompass*

Gyro-theodolites are gyroscopic reference surveying instruments. They are used for tunnels and other projects where compass directions are not easily discerned. They function at the equator and in both the northern and southern hemispheres, to within about 15 degrees of the poles, where they cannot be used at either

the North Pole or South Pole, because the east-west component of Earth's rotation is insufficient to obtain reliable results.



The Institute of Geodesy in Potsdam, in the early 1900s, carried out gravity measurements on moving ships on oceans around the world. The Hungarian nobleman and physicist Baron Roland von Eötvös (1848–1919), investigating their readings, noticed that they were lower when the boat moved eastwards,

higher when it moved westward. He theorized this as a consequence of Earth's rotation. The **Eötvös Effect** then is the change in perceived gravitational force caused by the change in centrifugal acceleration resulting from eastbound or westbound velocity. When moving eastbound, the object's angular velocity is increased (in addition to the earth's rotation), and thus the centrifugal force also increases, causing a perceived reduction in gravitational force. It appears related to the Coriolis Effect, the tendency of direction of air and water flows.

There are numerous other historic and scientific proofs for Earth's spherical shape and movements, this is but a limning of the subject. But as we will see, much of this is still being questioned with varying degrees of knowledge and intelligence.

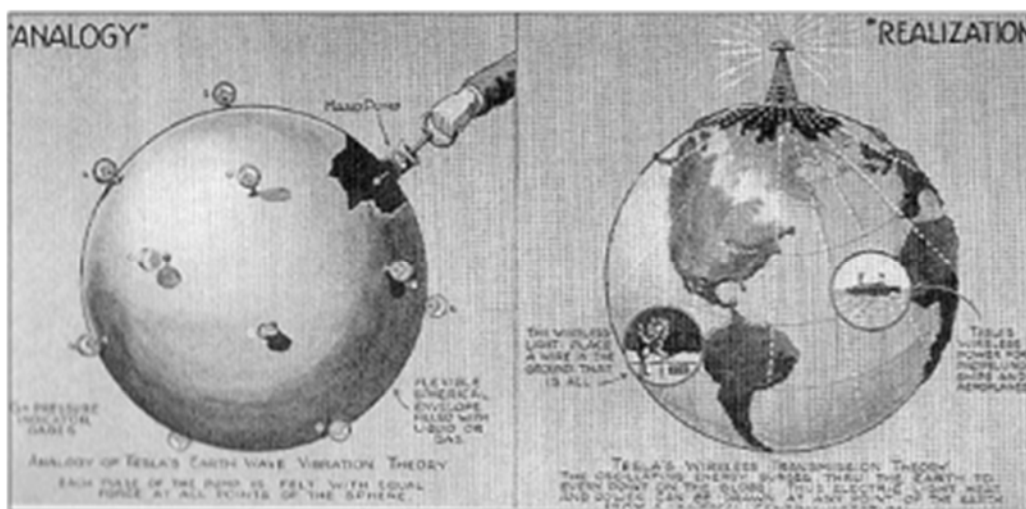
**Tesla said:**

"A single ray of light from a distant star falling upon the eye of a tyrant in bygone times may have altered the course of his life, may have changed the destiny of nations, may have transformed the surface of the globe, so intricate, so inconceivably complex are the processes in Nature."

"That electrical energy can be economically transmitted without wires to any terrestrial distance ... [it] is practicable to distribute power from a central plant in unlimited amounts, with a loss not exceeding a *small fraction of one per cent*, in the transmission, even to the greatest distance, twelve thousand miles — to the opposite end of the globe."

"I have already demonstrated, by crucial tests, the practicability of signalling by my system from one to any other point of the globe, no matter how remote, and I shall soon convert the disbelievers."

"Perhaps the most wonderful feature is that the energy travels chiefly along an orthodromic line, that is, the shortest distance between two points at the surface of the globe, and reaches the receiver without the slightest dispersion, so that an incomparably greater amount is collected than is possible by radiations."





## Geocentrism - Anthropocentrism

*Somebody once observed to the eminent philosopher Wittgenstein how stupid medieval Europeans living before the time of Copernicus must have been that they could have looked at the sky and thought that the sun was circling the earth. Surely a modicum of astronomical good sense would have told them that the reverse was true. Wittgenstein is said to have replied: "I agree. But I wonder what it would have looked like if the sun had been circling the earth." ~ James Burke, The Day the Universe Changed*

Geocentrism is the belief that Earth is the center of the universe. Whatever Earth model people believed in in general, spherical or flat, prior to the Copernican Revolution, most models assumed Earth at the center of Creation. This is certainly understandable, as this is how we directly perceive our place in the world. It's a natural sensation.

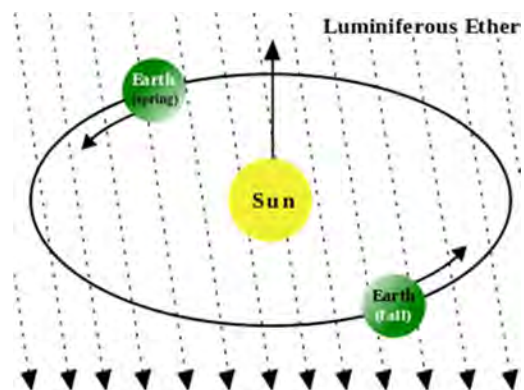
Remarkably, the Tychonian geocentric model is still used today for astronomical calculations, so there is definitely a very real 'apparent' aspect to it as far as functionality.

Modern day geocentrists come in a wide variety, from fundamentalist religious believers who see it as the word of God, through to some rather astute scientific types, who, though religious in character, instead rely on assessing the published scientific data. The later are seriously questioning the Copernican Principle.

The main points of contention consist of: the parallax issue, including Airy's Failure; the unexpected results of the ether drift experiments and the rise of relativity; quantized galactic redshifts indicating shells of galaxies surrounding our location in space; and, the Earth-cosmos alignments of the Cosmic Microwave Background (CMB) anisotropies, along with possibly related galaxy, quasar and Gamma Ray Burst (GMB) distribution inconsistencies with the standard model.

We must consider the shift of consciousness during the Copernican revolution, the search for answers outside of human sensation, using only that which could be weighed or measured. Our innate anthropic sense is not allowed into a science based on materialism and uncertainties about life and consciousness.

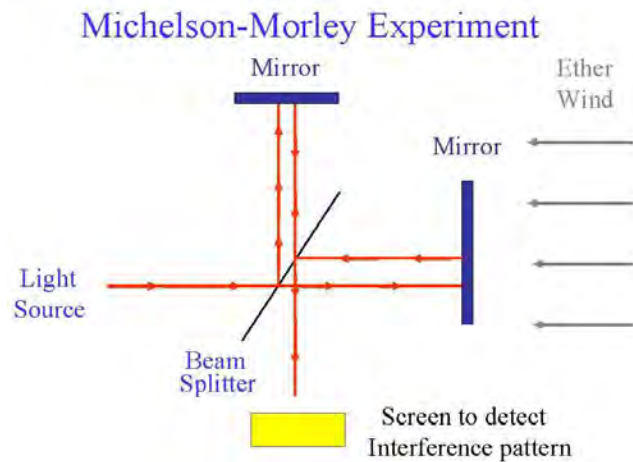
And thus the materialists' search for a hydromechanical ether began, starting because no parallax could be measured at the time. This indicated that light would have to travel with the earth around the Sun, that Earth is dragging the ether, and thereby also the light travelling through it.



There eventuated a stream of innovative experiments using light beams, to see if changes in velocity and other markers could be measured by relationships to Earth's motion and material substances.

Perhaps the most famous, the Michelson-Morely experiment, supposedly ended the search for the ether, but nothing could be further from the truth.

It is orthodox gospel that the failure of this experiment to measure the ether led to the logical conclusion of Relativity. However, upon examination we find that there actually was an ether measured, just not the magnitude expected:



“...we find the aether drift to be probably less than 1/6 the orbital velocity of the earth and perhaps as high as 1/4 the orbital velocity of the earth. An aether drift of 1/6 the orbital velocity of the earth would be about 5.7 kilometres per second, which is well within the 4-40kps predictions of the time. Obviously a velocity of 1/4 the orbital velocity of the earth would be even faster.” ~ Michelson and Morley

“The indicated effect was not zero; the sensitivity of the apparatus was such that the conclusions, published in 1887, stated that the observed relative motion of the earth and ether did not exceed one fourth of the earth's orbital velocity. This is quite different from a null effect now so frequently imputed to this experiment by writers on relativity.” ~ Dayton C Miller, 1933

Dayton Miller went on to produce further experiments, finally, through evolved understanding and refined apparatus, attaining significant measurements of the ether:

“Miller concluded that the Earth was drifting at a speed of 208 km/sec. towards an apex in the Southern Celestial Hemisphere, towards Dorado, the swordfish, in the middle of the Great Magellanic Cloud and 7° from the southern pole of the ecliptic.” ~ Dr James DeMeo

So then we must consider this statement and its implications to the orthodox paradigm:

“My opinion about Miller's experiments is the following... Should the positive result be confirmed, then the special theory of relativity and with it the general theory, in its current form, would be invalid.” ~ Einstein

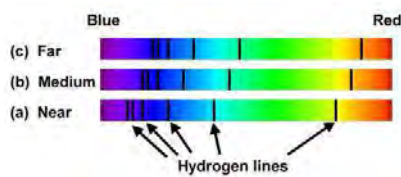
Using a modified apparatus, the Michelson-Gale experiment (proposed by Michelson in 1904, performed in 1925) measured Earth's rotation to an accuracy of 2% of the angular velocity as measured by astronomy.

Georges Sagnac performed similar interferometry experiments in 1913 where he was able to measure earth's rotation through change of movement of his light table apparatus via shifts of cross-referencing light beams. This effect, known as the Sagnac Effect, now used in fibre optic gyroscopes to measure of Earth's rotation.

And again we find a curious statement to ponder, how could Einstein say this in light of the experimental record?

“I have come to believe that the motion of the Earth cannot be detected by any optical experiment...” ~ Einstein

One interesting point is that the geocentrists cover most of these experiments, highlighting the fact that it appears the Michelson-Morley experiment didn't measure the orbit of Earth around the Sun, while the Sagnac and Michelson-Gale experiments measured Earth's rotation, or as they conclude, the rotation of the ether around a central, fixed Earth, causing the same effect.

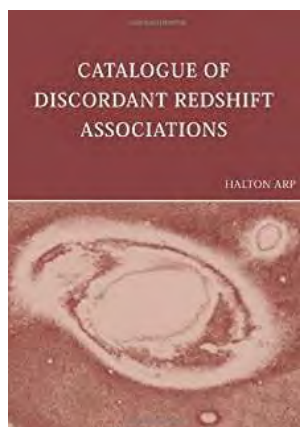
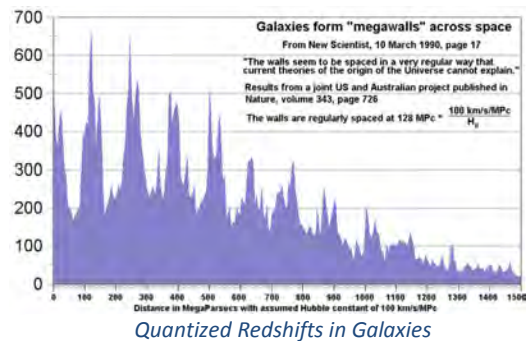


But they seem to leave out Dayton Miller's later successful measurements.

Galactic redshifts present a conundrum. The term “redshift” is in regards to the emission spectra of distant cosmological objects being shifted towards the red side of the Newtonian spectrum.

Orthodoxy sees this as a type of Doppler Effect, and this is the basis for the expanding universe thesis, in which everything is moving away from everything else, following an attendantly conjured Big Bang birth of the universe. The thesis is that the higher the redshift, the farther away and more distant in time the object being sighted.

However, galactic redshifts are quantized, that is they appear in certain ranges of measurements. If one considers them as measures of distance, they appear in distinct shells around the earth, as though the earth is the center, with the all the universe expanding away from our apparent centrally located Earth.



Much work in this area was done by the astronomer Halton Arp, who was a victim of orthodoxy for scientifically discovering divergent redshifts in connected cosmological objects.

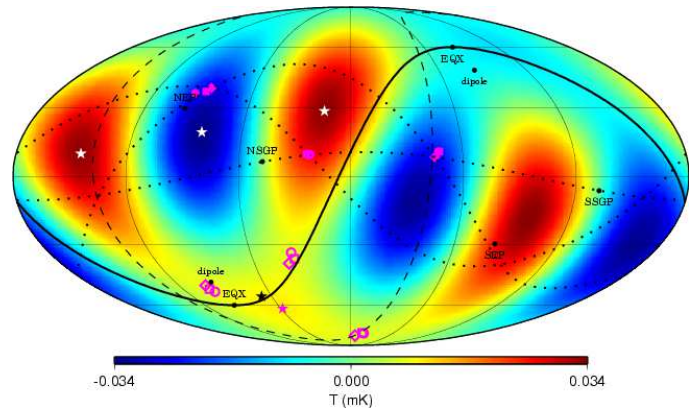
Arp's work indicates that quasars have nothing to do with being 13 billion light years away and in the past, rather they are young proto-galaxies, in our local galactic super-group, birthed from mature galaxies undergoing galactic core eruptions.

Since quasars are supposed to be the most ancient and distant objects in the universe, it is better to disrupt the scientific work of pioneers like Arp who showed them to be young and nearby, in order to preserve the tired old paradigm. In effect Arp's work destroys both the expanding universe and the supermassive-black-hole-galactic-center theories, and shows the universe to be constructed quite differently than the speed of light measuring stick concept construes.



A recent documentary, [The Principle](#), argues for geocentrism based on measurements of the Cosmic Microwave Background radiation, said to be the thermal radiation remaining from the formation of baryonic (atomic) matter following the alleged Big Bang.

From the readings a strong anisotropy was recorded, now termed the *Axis of Evil*, whose dipoles and quadrupoles appear potentially aligned with Earth's Ecliptic and Equatorial planes.



Cosmic Microwave Background "Axis of Evil"

[The Principle](#) theorizes that these anisotropies confirm that the formation of Earth took place in the center of Creation.

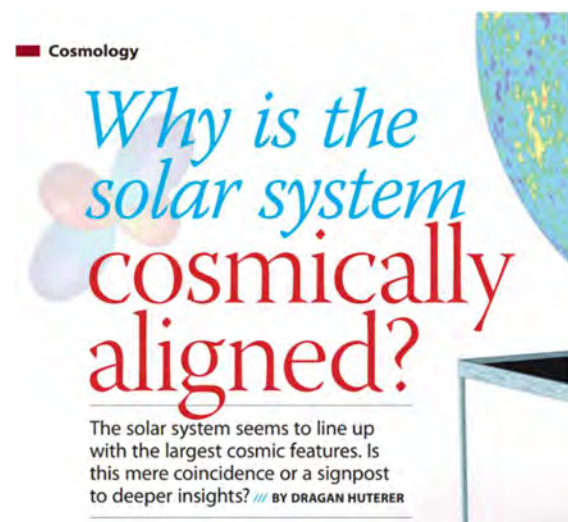
Naturally there is strong opposition from the skeptics' camp, claiming gross inaccuracies:

<http://www.geocentrismdebunked.org>.

There are further alternative explanations for the CMB being proffered.

One catastrophist's hypothesis is that there is a local origin, that a "proto-Venus" struck Jupiter, creating the Great Red Spot, on its way to its current orbit. Grasping this Velikovskyian scenario is outside the scope of this article, but much effort has been put into explaining it here <https://cycliccatastrophism.org>.

And Pierre-Marie Robitaille's explanation, in congruence with the Electric Universe thesis, that the CMB is caused by microwave radiation from Earth's oceans, and thus explains the alignment with ambient microwave radiation surrounding our planet: <https://goo.gl/h9jkiM>



This is an interesting angle to consider because oceans have been suggested as a potential cause, or at least as a modifier of Earth's magnetic field! <https://goo.gl/Zt4AxG>

Whatever the situation with the CMB, the Geocentrists have some other good scientific data to back up their thesis.

There is a definite asymmetry in the universe, we see it in our molecular biology, where molecules tend to be left handed, and right handed people are the majority. This goes for the distribution of galaxies as they appear from Earth, as left-handed spiral galaxies are the majority in Northern skies, and right-handed spirals in the Southern skies, a mirror symmetry based around us! What's even more interesting is that the alignment axis of this pattern aligns with the mysterious cold spot in the CMB. <https://arxiv.org/abs/0904.2529>

The CMB multi-poles also align with the Virgo Supercluster of galaxies, which is considered a lobe of the greater Laniakea Supercluster, which is focused on the Great Attractor. The GA, a “gravitational anomaly” in intergalactic space, is thought to cause the galactic superclusters.

There are other aligned anisotropies in the cosmic distribution of quasars and radio galaxies. There is much evidence, if we take these readings at face value in the current paradigm, that Earth is in a special place. Much food for thought here, and I’ve merely scratched the surface to provide insights into the development and foundations of various world views.

Considering all this ether and cosmic alignment data, what if Earth were in the center? What would orthodox scientists think?

- *“... such a condition would imply that we occupy a unique position in the universe, analogous, in a sense, to the ancient conception of a central Earth... This hypothesis cannot be disproved, but it is unwelcome and would only be accepted as a last resort in order to save the phenomena.... Therefore we disregard this possibility ... the unwelcome position of a favored location must be avoided at all costs... such a favored position is intolerable...” ~ Edwin Hubble*
- *“Redshifts would imply that we occupy a unique position in the universe, analogous, in a sense, to the ancient conception of a central Earth... This hypothesis cannot be disproved” ~ Edwin Hubble in The Observational Approach to Cosmology*
- *“The struggle, so violent in the early days of science, between the views of Ptolemy and Copernicus would then be quite meaningless. Either Coordinate System could be used with equal justification. The two sentences, ‘the sun is at rest and the earth moves,’ or ‘the sun moves and the earth is at rest,’ would simply mean two different conventions concerning two different Coordinate Systems.” ~ Einstein & Infeld, The Evolution of Physics*
- *“People need to be aware that there is a range of models that could explain the observations... For instance, I can construct you a spherically symmetrical universe with Earth at its center, and you cannot disprove it based on observations... You can only exclude it on philosophical grounds... What I want to bring into the open is the fact that we are using philosophical criteria in choosing our models. A lot of cosmology tries to hide that.” ~ George Ellis, Scientific American, October 1995*
- *“All this evidence that the universe looks the same whichever direction we look in might seem to suggest there is something special about our place in the universe. In particular, it might seem that if we observe all other galaxies to be moving away from us, then we must be at the center of the universe... We reject it only on grounds of modesty” ~ Stephen Hawking in A Brief History of Time*

There are orthodox scientists who adhere to the Anthropic Cosmological Principle, which is a philosophical consideration that not only are humans adapted to the universe, the universe is adapted to humans. While everything should be just random chance in the soul-less materialistic universe, where the paradigm says life and consciousness arose by mere lucky chance, there are the obvious facts that the world we find ourselves within is spectacularly adapted to creating and sustaining our lives... that is if we are intelligent enough to manage our collective evolution!

The scientists adhering to the anthropic principle are not in the geocentric camp, but they acknowledge some of the obvious facts which mechanistic science attempts to reject.

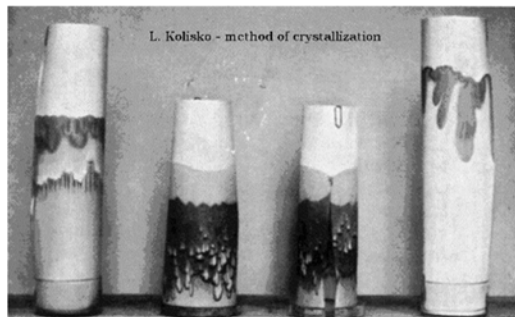
## Anthropocentricity!

Going deeper into this concept we encounter Rudolf Steiner's Anthroposophy. What is germane to our discussion here is the work of the natural scientists working out of his Goethean natural scientific impulse.

Steiner's indication to his scientific associates was that all living beings - plants, animals, humans - on our planet have biological rhythms and shaping from formative forces affected by the direct relations and motions of the sun, moon and planets as perceived from earth. Some of the most enlightening insights were gained from following that impulse.

**Lili Kolisko**, for example, did four decades (1920s-60s) of crystallization experiments with metallic salts in relation to planetary positions and relationships. Steiner tasked her with physically describing a link as considered in alchemy between the noble metals and the 'planets' of old (the luminaries); Sun-gold, Moon-silver, Venus-gold, Mars-iron, Jupiter-tin, Saturn-lead.

|                               |            |              |            |               |           |              |            |
|-------------------------------|------------|--------------|------------|---------------|-----------|--------------|------------|
| Alchemist's Symbols and Color |            |              |            |               |           |              |            |
| Planet                        | Sun        | Moon         | Mars       | Mercury       | Jupiter   | Venus        | Saturn     |
| Metal and its present symbol  | GOLD<br>Au | SILVER<br>Ag | IRON<br>Fe | MERCURY<br>Hg | TIN<br>Sn | COPPER<br>Cu | LEAD<br>Pb |
| Day of Week                   | SUN.       | MON.         | TUES.      | WED.          | THUR.     | FRI.         | SAT.       |
| Stone                         | CHRYSOLITE | PEARL        | AMETHYST   | SMARAGD       | SAPPHIRE  | LAPISLAZULI  | DIAMOND    |
| Members of the Body           |            |              |            |               |           |              |            |



solar eclipses, when the moon blocks the sun.

My video, [Workings of the Stars in Earthly Substances](https://youtu.be/Ii7_csNbNsA), an introduction to L. Kolisko's work, on her Lead-Saturn-Sun experiments is here: [https://youtu.be/Ii7\\_csNbNsA](https://youtu.be/Ii7_csNbNsA)

**Spirit in Matter** - *A Scientist's Answer to the Bishop's Queries*, by L. Kolisko: <https://goo.gl/kmHfBr>

**Lawrence Edwards** investigated the relationships between planetary motions and plant morphology, specifically bud shapes. He discovered that buds change form rhythmically, and that these rhythms are those of the alignments of the Moon and planets. For example, he found that a *specific* tree or flower changes the form of its buds in the rhythm of the lunar alignment with a *specific* planet. The Oak, for example, appears to change with Mars, the Beech with Saturn and the Birch with Venus.



Edwards' research is the first and only one to have, *from first mathematical principles*, successfully described *any* biological form. This implies that DNA cannot *alone* be the propagator of living form, and random process cannot *alone* drive evolution. <http://www.budworkshop.co.uk/>

The shape forming characteristics are the relationships of the diverse forms of plants to the planetary motions, both in an archetypal sense in form, but also in an active living sense in the various plant tropisms.

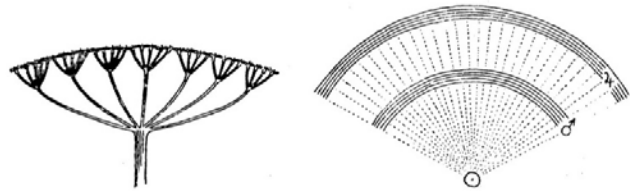


Fig. 46 Inflorescences of the *Umbelliferae* with their double structure in the space above the shoot in its relationship to the spheres of Mars and Jupiter containing the sun.

We know of plants that follow the sun through the day, such as the sunflower. There is much wisdom in planting to the moon cycles to allow roots to develop their best. All plants have reactions to the planets as well. The archetypal plant is precisely the geocentric and heliocentric relationships of our solar system intertwined. This is much easier to visualize with pictures, even moreso studying plants in the right format.

*Planetary Influences upon Plants – Cosmological Botany by E. Kranich*

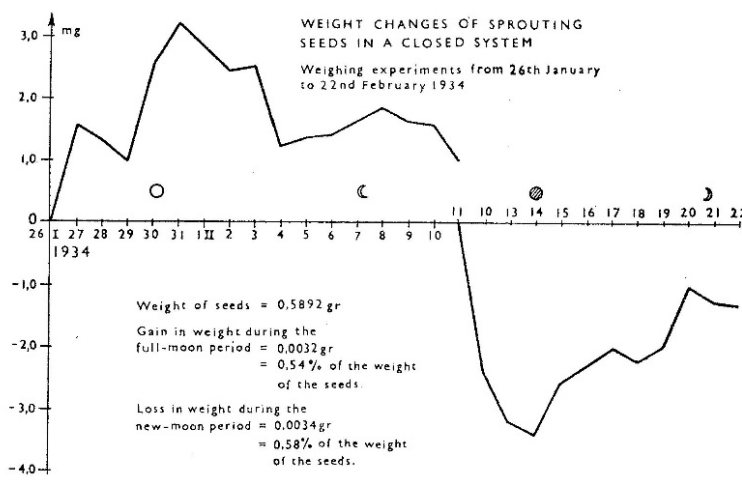


Fig. 1

*Hauschka- sprouting moon influence experiments*

Rudolf Hauschka, founder of Wala Pharmaceuticals (Dr. Hauschka's cosmetics bear his name) did experiments following on from earlier experiments by the Baron Albrecht Von Herzelee, indicating that plants *create* matter as they grow.

Von Herzelee, in his *The Origin of Inorganic Substances* describes experiments of seeds sprouting in distilled water, the original content of the plant's elemental components increased, and they apparently were transmuting calcium into

phosphorous, magnesium into calcium, nitrogen into potassium, etc.

Hauschka reproduced these experiments, sprouting from standardized seeds in distilled water inside sealed containers, and their weight was measured by precision scale. It was shown that matter appears and disappears as the Moon goes through its phases, different minerals have a more dominant appearance at different times of year, as the Sun processes through the Zodiac. See his illuminating *Nature of Substance*: <https://goo.gl/ZpC1ap>

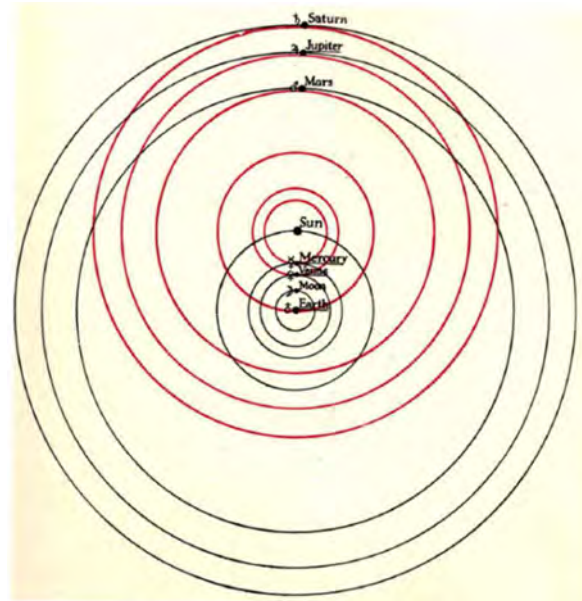
Hauschka's experiments show that life processes precede the elements, that they are formed into materiality through life processes. Steiner also says this in his *Agriculture* course, where he indicates that the elements of the chemist are the 'corpses' of cosmic processes, brought to materiality through the rhythms of life.

These are strong indications of a higher order life body around the Earth. Does this indicate Earth is the center of the universe? Not necessarily, but it does show science has missed the high notes while it spent centuries looking into matter.

*"The center everywhere, the circumference nowhere" ~ Hermes*

In Guenther Wachsmuth's Etheric Formative Forces In Cosmos Earth and Man there is a diagram showing both the geo and heliocentric models interwoven, in an explanation of the influence of planetary spheres on Earth life.

"In considering the action of the planets upon terrestrial occurrences, it will be necessary in future to take a much broader view if we are desirous of reaching a comprehensive grasp of the group of facts under consideration. The wise men of past centuries, especially those of the Chaldeans and the Egyptians, possessed a knowledge of these things which, unfortunately, is entirely lost in essential points to our own age, so extraordinarily proud of its scientific achievements. It is fortunate that it has occurred to some of the most advanced investigators to bring the action of the planets under consideration in exact fashion in relationship with the earth, although we are only at the beginning of this inquiry." ~ Guenther Wachsmuth



*Heliocentric - Geocentric relations, Wachsmuth*

This of it like this, the heliocentric model is basic extensible "3D" space as presently conceived by the status quo paradigm, it is like our skeleton, deep within our being. The geocentric, or more properly anthropocentric, model is like our living flesh on top, this magical, sensual interface with manifestation. All biological life relates to as though Earth is in the center, which is why Steiner termed his work Anthroposophy.

In effect the Tychonian structure is a "Virtual Reality" program running on the physical circuitry of the heliocentric model.

## Concave Earth – Geocosmos

*Inside the Hollow Earth!*

In the Geocosmos we encounter the belief that we live inside of a hollow shell 8,000 miles in diameter, instead of on the outside of a convex globe.

This worldview was promoted by Cyrus Teed, who after being electrically shocked in an experiment in 1869 took the name Koresh, and began his crusade to confirm to the world that we live inside a globe.

The premise for this is that it is a more compact, functional Creation, for creation happens within shells and wombs, our shell being the generative container for our development.

Appearances of Earth being beneath an observer at greater heights are explained by light ray curvature and atmospheric refraction, which unfortunately for this model don't have any basis in the actual scientific optical and magneto-optical researches.

The visible Sun, Moon and stars are projections on our outer atmosphere from higher metaphysical mechanics.

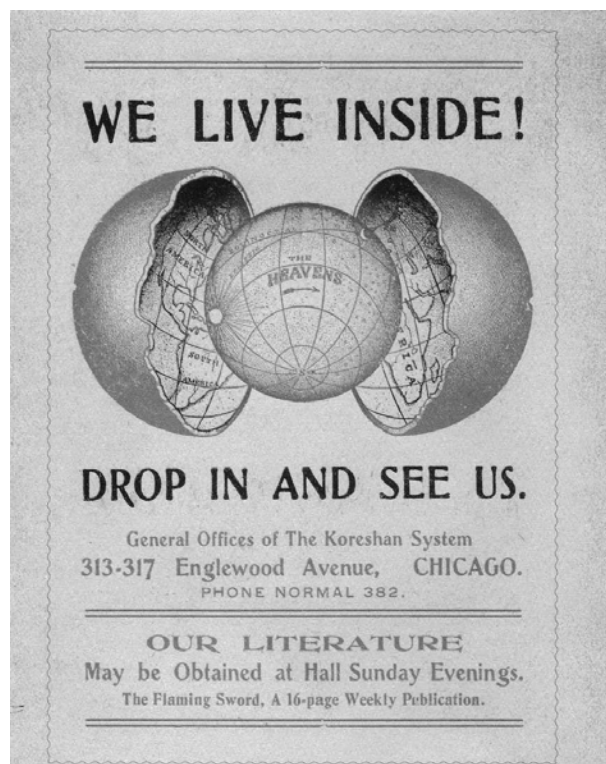
To prove his contention as to the shape of the Earth Koresh and his followers used a device called the Rectilineator, invented by his associate Professor Ulysses G. Morrow, to geodetically measure the surface of the planet to see if it curved up or down over long distances, six miles.

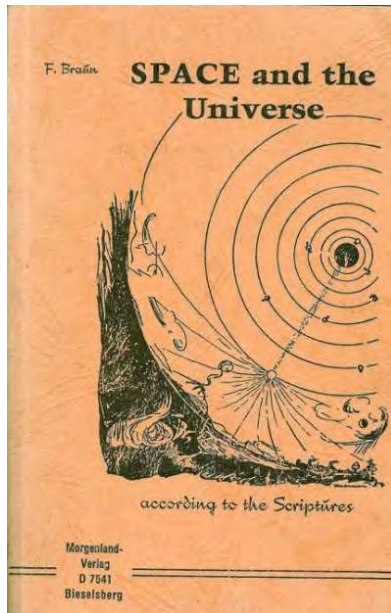
Koresh memorialized these experiments in his Cellular Cosmogony – Earth a Concave Sphere <https://goo.gl/Bt5mZW>

In all the Koreshian experiments the results measured the surface of the Earth as curving up, confirming we live inside a concave universe.

Much has been written and speculated on this. In Turning the Universe Inside-out by Donald Simanek, he seeks to debunk the Koreshian experiments by claiming an error which falsely showed concave instead of convex, but admits the curvature was measured exactly, though in reverse. <https://goo.gl/pSK52y>

Simanek's points are well addressed and countered in **The Rectilineator Documentary** by Steven Christopher: <https://youtu.be/2linxfgwR0w>. Steven was working to reproduce these experiments, but unfortunately gave up. The geodetic sciences have already solved this matter, but nonetheless, it would be most interesting to see the experiment done properly.





There was a top secret Nazi program to research the geocosmos. In 1942 Dr. Heinz Fisher, an expert in infrared, led an expedition to the Baltic island of Rügen. This was under the express approval of Goering, Himmler and Hitler, and was considered by the Admiralty General Staff to be of critical importance to the war effort.

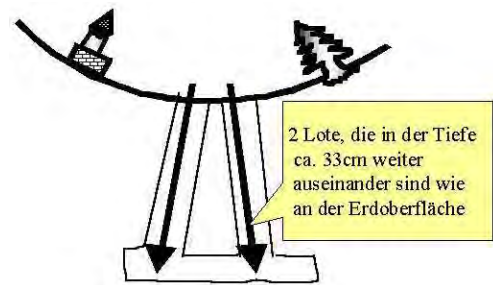
The experiments were to obtain infrared imaging of the British fleet in the North Sea from the Baltic by pointing their equipment at a 45° angle to the sky.

Reports are that the experiments failed, and some of those involved, Peter Bender and others, were imprisoned.

Nonetheless, top German scientists using precious resources at the height of WWII makes one wonder what info they had to consider and execute this operation. Were they not aware of say the Struve Geodetic Arc which determined the shape and size of Earth a century earlier?

Some say that such efforts were part of the purpose of the German base at Neuschwabenland in Antarctica, to get out of the hollow earth and see the outside world.

Another indication of Earth's concavity is the so-called Tamarack Mine Mystery, where multiple 4250 foot long plumb bobs were suspended down parallel mineshafts at the Tamarack Coper mine in Michigan. Simple geometry could then be used to measure the size of the planet, but instead of the bob ends being closer together they were farther apart.



*Tamarack Mine Mystery*

Teed and Morrow utilized the results of this experiment in their thesis. These results have been brought into question, but should they be accurate there is still much to learn about gravitational forces.

This concave thesis has always held an attraction for me. I first came across it when young in the Nazi experiments, read in Morning of the Magicians. I later came upon Koresh's work and naturally pondered, especially in light of the concept of projective geometry, where the inverse of the convex globe could happen if space was dimensional, as it appears to our sight.

Eventually I understood the geodetic sciences, geodetic surveying and the like, and it became apparent to me that this model was not happening in the physical world. But there is a concept where it will fit, in the counterspatial energetic structure of the universe.



## A GEOCOSMOS: MAPPING OUTER SPACE INTO A HOLLOW EARTH

MOSTAFA A. ABDELKADER

25 Sh. Champollion, Alexandria, Egypt.

Received: 20 August 1981

### Abstract

We regard the earth's surface as a sphere and apply a purely mathematical mapping taking outer space in the Copernican universe (C) into a hollow earth, Geocosmos (G). The enormous galaxies and other remote objects are mapped inside as microscopic objects, and our moon as by far the largest of the celestial objects, all of which revolve daily around the earth's axis. Straight rays of light are mapped as arcs of circles, so that all celestial phenomena appear to inside observers in G just as they do to outside observers in C. We next consider the hypothesis that, conversely, our actual universe is this finite G. Then there seems to be no way of testing this, except by drilling a hole right through the earth's centre. However, in C the origin of cosmic rays of super-high energies is very controversial, whereas in G it is unequivocal. The idea of G was first conceived qualitatively by Karl E. Neupert in 1900; our revival is somewhat different. The main appeal of G stems from the very grave difficulty of believing in the fantastic vastness of C, and the consequent reduction of the earth to an infinitesimal.

Mostafa Abdelkader's paper, [A Geocosmos: Mapping Outer Space into a Hollow Earth](#), in *Speculations in Science and Technology*, 1981, proposes a mathematical model to explain it.

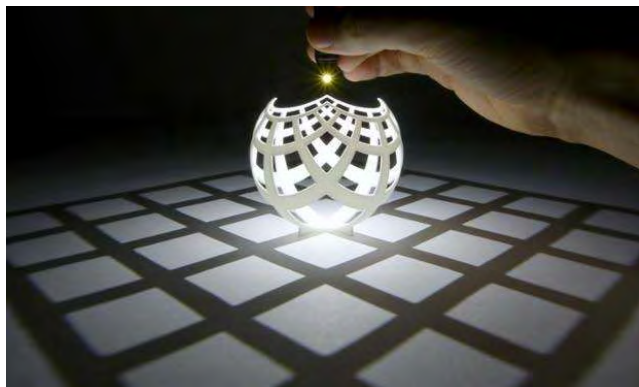
The concave model does not deny the possibility of other worlds with life, rather the universe can be infinite and filled with life, yet we're still concave. In this model space is dimensional, projective.

Space is not 3D, the three dimensions are imposed by our consciousness in its assessment of objective reality. The three dimensions are proprioceptive, that is, internalized and requisite to our balance

and orientation. Steiner indicated it was a grave error of materialistic consciousness to externalize them as a metric of space. Space functions on projective geometry, with a spatial-counterspatial polarity.

An introduction to the concept of Counterspace can be found here <https://goo.gl/dhG9pW>

It has been proposed by Dollard, Vassilatou, myself, and others, that starlight is instantaneous, functioning similar to Tesla's non-EM longitudinal, extra-luminal currents. If this is true, that the transmission and reception points (star and atmosphere) are space scalar, then it is entirely possible to conceive of the energetic, counterspatial structure of the universe as a concave electrical space conjugate to our convex materiality.



In ancient cosmological diagrams we find the "spheres" of the heaven, usually in concentric order. If one considers these as true dimensionally-layered formative spiritual stages seen in the light of projective geometry and spatial-counterspatial polarities in extension, then it is no problem fitting a universe inside such an anthropocentric sphere.

Since reading Koresh in the 1980s I've been staring at horizons whenever I can, from

beach, mountain and airplane, wondering if the Earth curved up or down. I oft noted how flat it looks, at whatever height. The closest I recall seeing of a curve was from airplanes, and then it looked more as though I was looking at the curve of the edge of a plate, the horizon vanishing point from the central point of observation.

I did not consider Earth physically flat — other than obvious desert playas, salt flats and areas of the Great Plains, which appeared flat — but rather magically flat, in the sense that our living, sensorial being is a living type of higher order consciousness. If we consider ratios in living forms we see Sacred Geometry everywhere. If we divide the ratios we get irrational numbers. So in my cosmology there is an irrational, living nature to our experiences of planet Earth.

Earth has spherical attributes, but also appears flat. It can be considered as a sphere at infinity. In projective geometry any flat surface plane is a section of a sphere at infinity, and projective geometry is how objective reality functions.

We certainly use the 3D system for assessment and construction, but there is no absolute such metric in space itself. Space is one expansive dimension operating via projective geometry, that all-encompassing geometry we directly experience, and of which the Cartesian coordinate system is but a mere subset for local calculations of inanimate objects. One mustn't confuse dimensions and coordinate systems.

Imagine if you can an expanding sphere, getting larger and larger. It wouldn't have to be that large in circumference before you could cut out a perfectly flat piece to make a table top. In such a way we are on a plane at infinity, the Earth Plane, as long diagrammed in esoteric literature.

This gave rise to the realization in my being that I am living on an infinite plane, a sphere at infinity, in a magical universe with many mind expanding wonders still to learn.

And from pondering all this I had an epiphany of the four world models, heliocentric, geocentric, concave and flat, all as components of a Creative act which brought all into existence. It's been a backdrop to my inner space considerations of experiential reality, seeking relationships between subjective archetypes and objective reality.

Of course I knew about the Flat Earth Society, I always thought of it as some sort of outré statement, get a membership cert on the wall as a challenge to the status quo, but not in acceptance as reality.

As time progressed I was in for a big surprise!

### Flat Earth - Infinite Plane

*The senses don't deceive, the judgment deceives. ~ Goethe*

The Flat Earth model is an ancient cosmology, with Earth being a plane or flat disk, sometimes covered with a dome or crystal firmament. Many culturally diverse and widespread variations existed in the past, some still standing as metaphysical truths, such as in the Vedic sciences.



These Flat Earth models existed in part as both cosmology and pre-scientific cosmography, though these connections were progressively severed as cosmologies lost touch with the inner spiritual structures and cosmographies became more materialistic in their search for the true nature of objective manifestation.

While scientific and philosophical observations over the last 2500 years have been in general support of the spherical model of the Earth, there is now a resurgence of interest in the Flat Earth model. There are numerous internet forums debating the subject, dozens of videos pro and con being posted on YouTube daily, this is a heated debate.

What is important here is that people are questioning the very pillars of reality, though much of it appears based on fundamentalist beliefs and limited, skewed information. But the latter is also true of many of those skeptical of the flat Earth thesis. Nonetheless, it hopefully signals a step in the awakening of humanity, whether it is engendered into a larger scope or used to limit and detain consciousness is a matter to be discerned as time progresses.

It is often said that in the past all people thought the world was flat, that Columbus set out and discovered it was spherical. However, Columbus believed the Earth was round, and was rumored to have ancient maps. He was simply

wrong on the size calculations, assuming he would find Asia much closer, around where the Americas are. This flat Earth myth has been shown to be incorrect, it was propagated in the 19<sup>th</sup> century by writers such as Washington Irving.

The modern flat earthers are mostly emotionally driven fundamentalists, though they would deny such. They all offer the same list of claims:

- Nobody has ever measured Earth's curvature
- The horizon always rises to eye level
- Islands and buildings can be sighted though supposedly over the curve, misusing the formula 8 inches per mile squared
- Antarctica is a huge ice wall surrounding the flat earth, holding the oceans in
- There is a large dome over the earth upon which stars and planets are projected
- The Sun is 32 miles across and 3,000 mile up
- There is no space, there are no satellites
- Air flights across Southern oceans are impossible
- Big conspiracy to hide the flat earth

Let's go through the list:

- Nobody has ever measured Earth's curvature:

The curvature has been measured for something like 2500 years, this was covered in the Heliocentric section. Flat earthers claim it's all false information, designed to trick us into thinking we live on a sphere, even though easy to verify by numerous independent means.

The book **[A History of the Determination of the Figure of the Earth from Arc Measurements](https://goo.gl/2AQCmj)** <https://goo.gl/2AQCmj> details the historic measurements of Earth's curvature up to 1906 when it was published.

Geodetic surveyor, Jesse Kozlowski, <https://jessekozlowski.wordpress.com>, has shown that the curvature can be measured as close as to within a couple hundred meters, using theodolites,

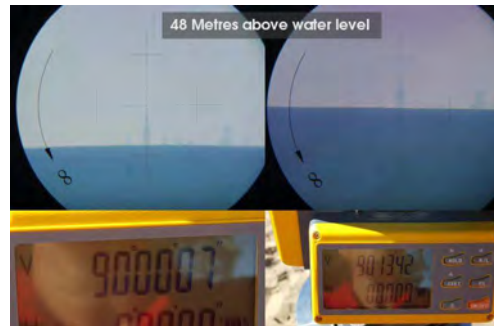




precision optical instruments. He has made a number of instructional videos showing the science and practice behind his art, and to describe the many errors in Flat Earth circles.

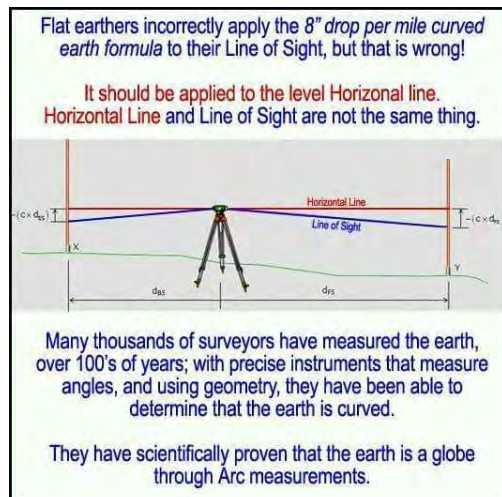
- The horizon always rises to eye level:

Here we see two pictures taken through a theodolite. As shown by the angles measured, the picture on the left shows the horizon perpendicular to the plumb line at sighting location. The one on the right shows line of sight to the visible horizon, which is measurably below the perpendicular horizon. If Earth were flat these would both be the same.



- Islands and buildings can be sighted though supposedly over the curve:

There are many claims for this, from long distance lighthouses, to cities. The basis for these claims are that the formula for the curvature is 8 inches per mile squared. What is important to note here is that the miles squared portion of the equation is for the horizon perpendicular to



the plumb line at sighting location, and not line of sight. I've noticed this confusion is one of the main 'hooks' that draws people into the flat earth belief, and no matter how many times it's explained to them they still repeat the incorrect formula. It's fascinating!

Flat Earthers claim it's all in error, based on refraction, perspective, light curves, etc, with zero scientific backing for their claims, and in ignorance of the centuries of science looking into such.

While numerous long distance sightings have been claimed, in every case where precise data of heights and distances were acquired, the math works out perfectly for the globe.

In simple mathematical terms, 8 inches per mile is 0.0126% variance. In effect this is not readily noticeable, a margin of error which you couldn't notice on your table top, the Earth does appear flat to our perception.

This is why you have plane surveying for short distances and geodetic surveying for long distances; plane sailing for short and known distances and celestial (trigonometric) navigation for long sea distances.

- Antarctica is a huge ice wall surrounding the flat earth, holding the oceans in:

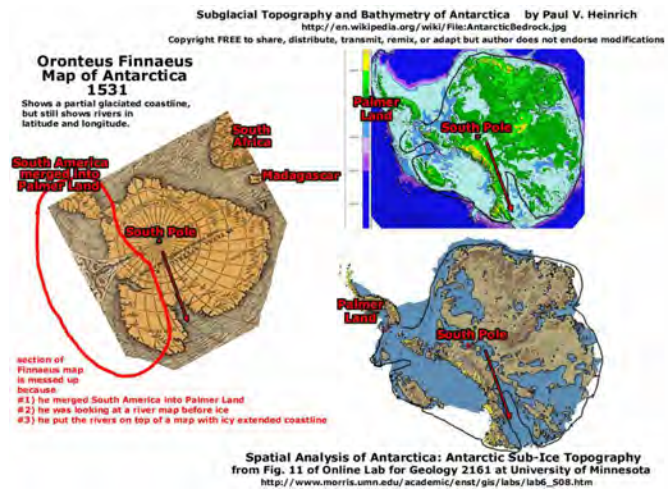
There are so many disproofs of this wild belief it's hard to know where to start. The flat earthers claim that this massively long ice wall is protected by all the armies of the Earth, and nobody can go there without being killed. But in reality anyone with sufficient funds can go there.

One can even ride on an expedition drive to the South Pole, <https://goo.gl/mA2KBl>, starting at only \$83,000 per person! And Antarctica used to be warm, there are fossil dinosaurs and tropical forests found there <https://goo.gl/pj1AtS>.



Sailors in the Volvo Ocean Race, when rounding Cape Horn at the tip of South America, on their way from New Zealand, try to get as close as they are allowed within the race rules to Antarctica to save them speed and distance. Surely they would notice if the Earth was flat, as this would seriously impede their progress travelling that long distance alleged.

And we have the “Maps of the Ancient Sea Kings” as they are known. The Oronteus Finnaeus map, drawn before the discovery of Antarctica, appears to show the continent pre-ice, with lower sea levels.



Many mysteries about Antarctica, but Flat Earth ain't one of them!

- There is a large dome over the earth upon which stars and planets are projected
- There is no space, there are no satellites

Well I'll leave it to the reader to sort these out for themselves, the answer being self-evident with an honest appraisal of all available data.

- The Sun is 32 miles across and 3,000 mile up

Readily disproven just by observing sunrises and sunsets on the Equinox from various latitudes, always due East and West respectively.

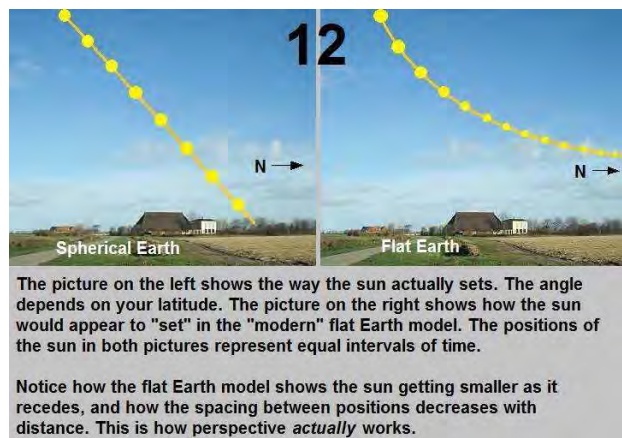
- Air flights across Southern oceans are impossible

Having flown across the South Pacific, from Auckland to Santiago, this was one of the first clues that the flat earth thing is an intentional psychological operation (psyop).

FLAT EARTH CLUES Part 7 - Long Haul <https://youtu.be/A0FuO8IQV18> argues this point and presents various links such as to <https://planefinder.net/> where it can be noticed that flights do not appear over the Southern Oceans.

This is because, as the planefinder site notes, aircraft use GPS to establish their position and transmit that information to ground stations, those transmissions have limited range, due to the curvature of the Earth, and there are no ground stations out in the Southern oceans.

Simple checking, and for me personal experience, proves the claim wrong. Yet when I posted my airline tickets and that information on flat earth discussion forums I was totally astonished at the abuse I received, as though I was part of some great conspiracy to fool everyone, and



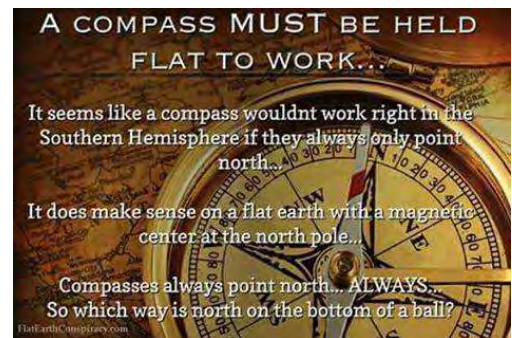
created the tickets in Photoshop to trick them. The mass incredulity in face of verifiable evidence is a remarkable phenomenon, and I suspect not a fluke.



There are of course other claims, such as the analemma proves flat earth (its metamorphosis over time due to the procession of the solar apsides readily disproves this); no picture has even been taken of Earth from space, they're all fake images, so no proof is acceptable; and, even that compasses only point North and not South. Seriously, I've have had a number of discussions with true believers over this, they can't get that it points both ways, because they've been programmed differently.

This is an actual flat earther's typical rambling response from a discussion over compass functions, the exact point of discussion is generally avoided:

*"The physical evidence proves a stationary magnetic flat earth; the fairytale nonsense supporting an oblique spheroid planet (pear-shaped now apparently) spinning wildly, while hurtling through endless space at breakneck speeds is an absurdity of profound proportion; moreso for the religious fervour with which we pray to these new gods of science who created it; and the enabling minions who continue to promote it ... Human evolution has stalled; and will continue its descent for as long as the Human Mind remains caged; or is led down the avenues of thought programmed into it... Breaking free of the cage is our duty to the Future; identifying the bars is the first step towards achieving Human Potential"*



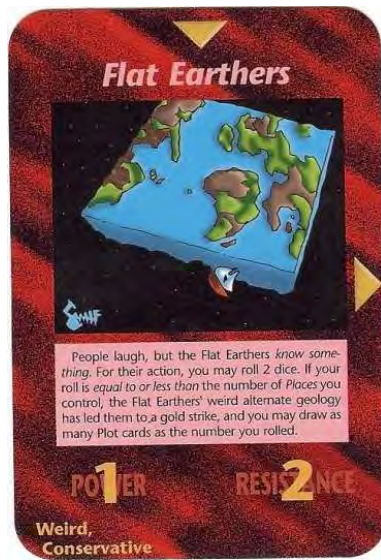
I'm being mercifully brief, just making the main points, and the main point of the flat earth thesis is:

- Big conspiracy to hide the Flat Earth

At first I was excited to see the Flat Earth fluorescence, hoping that some anomalous or fantastic information had come to light to bring the nature of reality into question. It didn't take me long to realize that researching Flat Earth was not about cosmographic determination, but rather about discerning the exact nature of the characterological dysfunction that seemed to be imparted wholesale into the believers.

I've seen what appear to be otherwise intelligent people start repeating the same false info in a cult-like manner, as though they are in a hypnotic state. When contrary data is supplied to the discussion to show their point is not correct they either change to the next point on the list, blame NASA, or if pinned down a biopathic reaction takes place and one is abused or FB blocked, indicative of characterological programming.





Others have also suggested that the Flat Earth movement is a psychological operation of some stripe, harnessing the mass breakdown of trust among the populace in any and all authority and driving a wedge into an awakening populace.

There is a distinct anti-intellectual element where “globers” who query the entrenched beliefs are abused for not being flat, as though everyone else are believers in the most basic cartoon version of orthodoxy.

Since there is an Illuminati Playing Card for the Flat Earthers some consider this an indication of a psyop.

The card says “*Flat Earthers know something,*” and they do! The awareness of the living infinite plane is part of our experiential reality, I agree with that reality because I’ve experienced it for many decades.

But what the card doesn’t say is that they were tricked with false information into confusing such experiences with the objective geodetic determination of the planet. And somehow the instilled program disallows them to investigate.

But not to be harsh, as there are many good people thinking these matters out. Fundamentalism of some degree exists amongst believers in one model or the other. I’ve found in these discussions that the orthodox scientific skeptic types have similar reactions when their beliefs in black holes, dark matter and the like are questioned. This returns us full circle to the comments in the introduction, *skeptics scoff, believers believe*, it’s a mental state, neurologically shown to be operating outside the logic centers of the neocortex.

So in review, we’ve looked at the Heliocentric, the Geocentric, the Geocosmic, and Flat Earth models. Where does that leave us?

## ArcheCosmos - The Four Worlds Model

*One can stare and stare at open secrets without fathoming their meaning. ~ Rudolf Hauschka*

Our place in the cosmos has been an active question since consciousness arose. We can expand our perspectives, review the diverse models by practicing believing each one in order, considering verifiable objective evidence in concert with concomitant subjective structures of belief. We then have opportunity to experience them all as one, a multidimensional cognate reality of which we are anthropic experiential nodes. But what then is the most objectifiable cosmographic determination? And where then do we find our consciousness placed in the Universe?



In reviewing these World Systems, we must consider the relationship of one's inwardly perceived cosmology with their knowledge of discursive cosmography. Essentially, and especially with contradictory evidence, this is where cognizing the solution resides.

Whether the earth is considered flat or spherical, concave or convex, these are perhaps different perspectives of the phenomena which formed this planet and the life upon it. As many pieces of the puzzle fit with various world views, reality appears multi-dimensional. One must raise their consciousness to look past the materialistic consciousness most of humanity is presently in thralldom to.

Completely changing one's world view on a few comments and observations is contrary to the discipline of retaining a suspended judgment until all the facts are in. Consider this, the world is round, and yes, the world is flat. Perhaps not the answer one expects, but worthy of some Zen-like ponders.



Whilst one may snicker at first, then consider some of the most interesting evidence, and wonder at how the universe could function in such scenarios, in essence we are viewing here pieces of a larger phenomenon of our essential search for the cosmic orientation of our souls in the milieu of manifestation.

Quantum physicists claim that our observation of reality directly affects that observed, perhaps we are modelling our world and our place in it as we develop our understanding of it — continuous Creation in process on all levels.

Physicists seeking the secrets of Nature lurk inside and underground, with their dark electro-technical wizardry, when the secrets they think they are seeking are to be readily found outside in the real world, discernible in the patterns and flows of living nature. Goethe's method of observation and thought provides a more enlightened pathway, supersensible - above matter, not subsensible - beneath.

We are high order physical sensory nodes of the universe, which formed around us to experience self-knowledge, singly and severally. The motions of the universe weave into us, but they are also woven by us in ways yet to be discerned by many: As above - So below, in its grandest sense. It is all complex and multidimensional, yet also very simple in a language of patterns and symbols.

These four worlds of cognition and experience, Heliocosmic, Geo-Anthropocentric, Geocosmic, and Planar, can be correlated to the four worlds of the Qabalah, respectively, Assiah-Manifest, Yetzirah-Formative, Briah-Generative and Atziluth-Archetypal.



- In the Heliocentric model the spatial arrangement (with its awe inspiring mathematical harmonies and relationships) we find the skeleton or physical circuitry of the cosmic life body, clearly manifest.
- In the Anthropocentric we find the software program running creating the “virtual” world of our experience. Like our experiential magical sensory flesh upon our invisible but essentially supportive mechanical skeletons. Anthroposophical sciences show this as the formative world.
- In the Geocosmos we find the counterspatial source of the spatial manifestation. The realm of higher cognition in grasping the generation of the lower worlds from the higher, as well as the possible energetic structure in counterspace which holds the universe together.
- In the Archecosmos resides the original ideation of the Earth Plane, where we experience a flash of the Archetypal four quadrant relationships in action, then it's engendered from beyond in the Geocosmos, next forms rhythmic living fields of force in the Anthropocosmos, and finally manifests into material form in the Heliocosmos.
- All stages are inherent in the Archecosmos.

And the infinite plane is the archetypal map of the universe, the mandala, upon which four dynamic forces emanate from the quintessence and weave our reality, expressed as the relationship between element and ether, matter and spirit. True knowledge, or wisdom, is that which interpenetrates the diverse belief systems.

Ultimately we are all anthropocentrists of one form or another, functioning from experience. The anthropocentric view works best in the geocentric, geocosmic and flat earth scenarios. The one it works least in is the heliocentric.

Discussing these anthropic models is certainly not about stroking one's ego, as is argued by pure heliocentrists, rather it is an unprejudiced approach to assessing all world

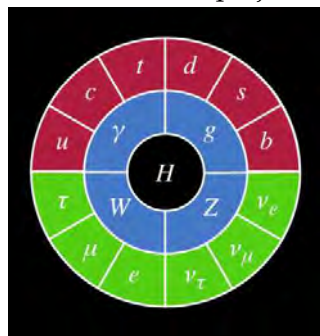


*Mandala of the Dhyani Buddhas*

models that were considered viable by various peoples and cultures, in order to discern the fundamental nature of reality.

Even the Standard Model of the particle physicists mirrors the mandala, for such is hardwired into our consciousness.

Basically all living things on the planet have biological rhythms and form-natures from formative forces affected by the direct appearance and motion of the planets, sun and moon as perceived from earth.



*Standard Model Particle Physics*

There are magical relationships all around us, the true science of the future will be based on acceptance of all that we can discern and measure. A holistic approach to the holographic universe may well be in order. Though we must not take the metaphysically vacant approach generally given to the holographic concept, rather look perhaps to the Eastern wisdoms, such as the Tibetan Book of the Dead, where it is

acknowledged that appearances are as projections, but with the technical knowledge and descriptions of the projector screen, presented as the mandala with its attendant symbolic masks.

But could reality just be a hoax? There is the concept that humanity might be living in an artificial reality – a simulated universe. From a materialist's perspective, where one is tricked into thinking that experiences are merely illusory electro-chemical renderings of vibrating matter, and that consciousness arose by mere chance from matter, one could be led to believe such. Following the Goethean pathway into cognizing the spiritual impulses such as that which weaves the plant kingdom on Earth allows one to see through such vacant considerations.

The truth is we can conceive of anything, especially when we are disconnected from the higher order natural forces people like Goethe and Steiner pointed towards.

One would think that the greatest effort of conception would be sojourning into an unprejudiced assessment of subjective and objective realities, and forming a pragmatic metaphysics by connecting the two.

Perhaps the best place to start is with Nature.

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*"We shall no longer hang on to the tails of public opinion or to a non-existent authority on matters utterly unknown and strange. We shall gradually become experts ourselves in the mastery of the knowledge of the Future." ~ Wilhelm Reich, M.D.*

