

SUPPLEMENT 1

AN OUTLINE OF ESOTERICAL ROOTS OF THE BASIC TYPES OF CROSS

The aim of this Supplement is to review the basic types of Cross and their ancient esoteric meaning. It is based on the quotes from [2, 3], but also includes the results of other scientists; those of them, whom H.P.B. cites, are cross referenced via [2, 3] due to a rarity of their books. Authors' comments are braced.

S1.1. Identity of the Basic Symbols of the Cross and their Esoteric Meaning all over the Globe

The evolution and correlation of the mysteries of the Kosmos, of its growth and development – spiritual and physical, abstract and concrete – were first recorded in geometrical changes of shape. Every Cosmogony began with a circle, a point, a triangle, and a cube, up to number 9, when it was synthesized by the first line and a circle – the Pythagorean mystic Decade, the sum of all, involving and expressing the mysteries of the entire Kosmos; recorded a hundred times more fully in the Hindu system, for him who can understand its mystic language. ... One recognizes them in the caves and rock-cut temples of **Hindustan** and **Central Asia**, as in the pyramids and lithoi of **Egypt** and **America**; in the Catacombs of **Ozimandyas**, in the mounds of the **Caucasian** snowcapped fastnesses, in the ruins of **Palenque**, in **Easter Island**, everywhere whither the foot of ancient man has ever journeyed [2, V.1, P.321].

"Verily may the Cross be traced back into the very depths of the unfathomable Archaic Ages! Its Mystery deepens rather than clears, as we find it on the statues of Easter Island – in old Egypt, in Central Asia, engraved on rocks as Tau and Swastica, in pre-Christian Scandinavia, everywhere!" [2, V.2, P.557].

TAU **T**. The evolution of humanity in the Third and Fourth Races is designated as $\ominus$ and $\oplus$, respectively; whereas the second symbol presents the first and the earliest Egyptian Tau **T**; after then, it becomes **+** which means separation of sexes and fall into engender, or physical Space.

STAUROS **+**. Each nation which had an astronomical system held the **Cross in high respect**. "The four-armed Cross **+** is simply the cross of the four quarters, but the **cross sign is not always simple**" {Certainly not; for very often there are symbols made to symbolize other symbols, and these are in turn used in ideographs – H.P.B.}. This is a type that was developed from an identifiable beginning, which was adapted to the expression of various ideas afterwards (See Table S1.1).

It is **one of the most ancient symbols, if not the oldest one**, and Eastern Initiates confirm that it was concurrent with the **circle** of Divine Infinity and the first differentiation of Substance, *blending* of **Spirit** and **Matter**; in abstractiveness, **+** disappears and becomes $\bigcirc$.

Table S1.1. Basic Types of the Cross

$\bigcirc$	$\ominus$	$\oplus$	T	+	$\oplus$	♀	♀	♂	卐	✱	✝
1	2	3	4	5	6	7	8	9	10	11	12
Circle	Diameter in the Circle		Tau	Cross (Stauros)	Astronomical cross	<i>Ankh</i> , or <i>Crux</i> <i>Ansata</i>	Venus	Earth	Swastika	8-point cross	Calvary cross

The vertical line being the *male* principle, and the horizontal the *female*, out of the union of the two at the intersection point is formed the **CROSS**; the oldest symbol in the Egyptian history of gods. It is the key of Heaven in the rosy fingers of Neith, the celestial virgin, **who opens the gate at dawn for the exit of her** first-begotten, the radiant **sun**. It is the **Stauros** of the Gnostics, and the **philosophical cross** of the high-grade *Masons*. We find this symbol ornamenting the tee of the umbrella-shaped oldest pagodas in **Thibet**, **China**, and **India**, as we find it in the hand of Isis, in the shape of the "**handled cross**" [3, V.2, P.270]. The **philosophical cross**, the two lines running in opposite directions, the horizontal and the perpendicular, the height and breadth, which the geometrizing Deity divides at the intersecting point, and which forms the magical as well as the **scientific quaternary**, when it is inscribed within the perfect square, is the basis of the occultist [2, V.2, P.556].

This way, the conjunction of the Heavenly **vertical** (Spirit) and the Earthy **horizontal** (Matter), or the masculine and feminine principles, in a **point** makes the Cross, or **Stauros**, presenting the potential of positive and negative, or masculine and feminine energies in Nature.

ASTRONOMICAL CROSS ⊕. The Circle and the Cross are indivisible; as the universal presentation, as old as the human wisdom, they are at the head of the long rows of, so to say, international symbols which frequently expressed *great scientific truths*, apart from psychological and even physiological secrets. In particular, they present the **unity of Time** (or "*Wheel of Time*") **and Space**.

The Secret Doctrine teaches us that everything in the universe, as well as the universe itself, is formed (created) during its periodical manifestations – by accelerated MOTION set into activity by the BREATH of the ever-to-be-unknown power (unknown to present mankind, at any rate) within the phenomenal world. The Spirit of Life and Immortality was *everywhere* symbolized by a **circle**: hence the **serpent biting his tail**, represents the circle of Wisdom in infinity {viz. cyclicity of TIME}; as does the **astronomical cross** – the cross within a circle, and the globe, with two wings added to it, which then became the sacred Scarabaeus of the Egyptians, its very name being suggestive of the secret idea attached to it. For the Scarabaeus is called in Egypt (in the papyri) Khopirron and Khopri from the verb Khopron "to become," and has thus been made a symbol and an emblem of human life and of the successive becomings of man, through the various peregrinations and metempsychoses (reincarnations) of the liberated Soul. This mystical symbol shows plainly that the Egyptians believed in reincarnation and the successive lives and existences of the Immortal entity. Being, however, an *esoteric doctrine*, revealed only during the mysteries by the priest-hierophants and the Kings-Initiates to the candidates, it *was kept secret*. The incorporeal intelligences (the Planetary Spirits, or Creative Powers) were always represented under the form of circles. In the primitive philosophy of the Hierophants these invisible circles were the prototypic causes and builders of all the heavenly orbs, which were their visible bodies or coverings, and of which they were the souls. It was certainly a universal teaching in antiquity. [2, V.2, P.552]

The Tau T, and the astronomical cross of Egypt ⊕ are conspicuous in several apertures of the remains of **Palenque**. In one of the basso-relievos of the Palace of Palenque, on the west side, sculptured as a hieroglyphic right under the seated figure, is a Tau. The standing figure, which leans over the first one, is in the act of covering its head with the left hand with the veil of initiation; while it extends its right with the index and middle finger pointing to heaven. The position is precisely that of a Christian bishop giving his blessing, or the one in which Jesus is often represented while at the Last Supper. . . . [2, V.2, P.557]. {From an astrological viewpoint this means that the astronomical cross describes the transfer of the upper-level influence onto the object of the lower-level}.

ANKH, OR CRUX ANSATA ☥. The most sacred cross of Egypt that was carried in the hands of the gods, the Pharaohs, and the mummied dead, **is the Ankh** ☥ the sign of life, the living, an oath, the covenant . . . The top of this is the hieroglyphic Ru ○ set upright on the Tau-Cross. The Ru is the door, gate, mouth, the place of outlet. This denotes the *birth-place in the northern quarter of the heavens, from which the Sun is reborn* {from an astrological viewpoint this means that the 0°♊ denotes the Origin of the Tropical year}. Hence the Ru of the Ankh sign is the feminine type of the birth-place, representing the **north** {Note, that the **entrance of the Great Pyramid** also looks towards the North}. It was in the NORTHERN QUARTER that the GODDESS OF THE SEVEN STARS, called the "**Mother of the Revolutions**," gave birth to time in the **earliest cycle of the year** {viz. on the Winter Solstice}. The first sign of this primordial circle and cycle made in heaven is the earliest shape of the Ankh-cross ☥, a mere loop which contains both a circle and the cross in one image. This loop or noose is carried in front of the oldest genitrix, Typhon of the Great Bear, as her Ark, the ideograph of a period, an ending, a time, shown to mean **one revolution** [2, V.2, P.946] {hence, the Ankh, by itself, correlates the ATS [1, Parts 2, 3] with the TZ and with 0°♊ as the start of a Tropical year}.

The Egyptian hierophant was given a square head-dress, which he had to wear always, and a square (see Mason's marks), without which he could never go abroad. **The perfect Tau** formed of the *perpendicular* (descending *male ray*, or *spirit*) a *horizontal line* (or *matter, female ray*), and the *mundane circle* was an attribute of **Isis**, and, it is but at his death that the Egyptian cross was laid on the breast of his mummy. [3, V.2, P.392]

As well, Crux ansata is frequently placed, instead of the central geometrical point which symbolises the invisible "Central Sun", in the dual triangle; being modified this way, this cross has almost the same meaning as the "Cross of the World" ⊕ of the Egyptian Hermetics.

VENUS ♀ AND ANKH. A sphere over a cross, as a symbol of Venus, shows that it monitors origination of humanity. The Egyptians symbolised Ankh – "Life" – as *the circle over Tau*, ♀ ; this was another symbol for Venus (Isis) ♀ . Astronomically, Venus is presented as a sphere hovering over the cross ♀ , whereas the Earth – as a sphere with the cross above it ⚥ . These crosses denote the Egyptian *Crux Ansata*, an attribute of Isis (Who is Venus, as well as Aphrodite and Nature). The fact, that the Earth is presented by an upturned *Crux Ansata*, is of great occult importance. Venus is the most occult, powerful and mysterious planet among the others; the influence it exerts to the Earth and its connection with our Planet are especially powerful. For this reason, these two are called "Twin-Sisters", though the Spirit of Earth is subject to "Lord" of Venus [1, V.2, Part I, Stance I]. Pythagoras named this Planet "another Sun".

Note S1.1. This concept emphasises the importance of Venus in the Mayan Cosmogenesis; the more so that the periods of these planets relate in the *Golden Section* [1, Part 3]. Some other concepts that stand beyond the Ankh are revealed in [1, Part 7]; in particular, it is shown in what way the **Cross** and **Circle** of the **Ankh** geometrically present the concept of **Unity of Time and Space**, and what part the **Lemniscate** plays in this model relative to the **evolution**. It is also shown that a close relation exists between the **Ankh**, **Sarcophagus**, **King's Chamber** and the **Great Pyramid**.

THE LABARUM ✱ [<http://en.wikipedia.org/wiki/Labarum>] and **ANKH**.

The labarum has become the symbol of Christianity and was introduced as such by the Roman emperor Constantine. The symbol itself is much older than Christianity. In Greek mythology the symbol represented the God **Chronos**, the *keeper of time* depicted in Greco-Roman mosaics as the turner of the Zodiacal Wheel. The Labarum consists of the first two letters of the Greek word Christ, *Chi* (χ) and *Rho* (ρ) and bears resemblance to the Egyptian Ankh symbol from which it was derived:

"...This then represents the circle made in the northern heaven by the Great Bear, which constituted the *earliest year of time*, from which we infer that the loop or Ru of the **North** represents that quarter, the *birth-place of time* when figured as the Ru of the Ankh symbol. Indeed this can be proved. The noose is an Ark or Rak type of reckoning. The Ru of the Ankh-cross was continued in the Cypriote *R* Ω and the Coptic *Ro*, ϱ. The *Ro*, was carried into the Greek cross ✱, which is formed of the *Ro* and *Chi* or *R-K*. . . . The Rak, or Ank, was the sign of all beginning (Arche) on this account, and the Ank-tie is the *cross of the North*, the hind part of Heaven. . . ." [2, V.2, P.547]

DOUBLE OR EIGHT-POINTED CROSS ✱. *Every nation* which had an *astronomical system*, and especially India, held the cross in the highest reverence, for it was the geometrical basis of the religious symbolism of their avatars... The oldest monuments of **Chaldea**, **Persia**, and **India** disclose the double or eight-pointed cross. This symbol, which very naturally is found, like every other geometrical figure in nature, in plants as well as in the snowflakes, has led Dr. Lundy, in his super-Christian mysticism, to name such cruciform flowers as form an **eight-pointed star** by the **junction of the two crosses** -- "the Prophetic Star of the Incarnation, which joined **heaven and earth**, God and man together" ["Monumental Christianity," p. 3]. The latter sentence is perfectly expressed; only, the old kabalist axiom, "**as above, so below**," answers still better, as it discloses to us the same God for all humanity, not alone for the handful of Christians. It is **the Mundane cross of Heaven repeated on earth** ... The gesture of **one hand pointing to Heaven**, is *balanced* by **the other pointing down to the earth**; boundless generations below, boundless regenerations above; the visible but the manifestation of the invisible; ... [2, V.2, P.454].

Under the old system, we are told, Makara was the eighth instead of the *tenth sign* {viz. **Capricorn**}. It is "intended to represent **the faces of the Universe**, and indicates that the Universe is bounded by Pentagons," as the Sanskrit writers "speak also of Ashtadisa or **eight faces bounding Space**," referring thus to the loka-palas, the **eight points** of the compass (the *four cardinal* and the four intermediate points) . . . [2, V.2, P.577] "... Makaram may be taken to represent **simultaneously** both the **microcosm** and the **macrocosm**, as external objects of perception." [Subba Row. The Twelve Signs of the Zodiac. pp. 113].

The Ogdoad or **8** symbolizes the **eternal** and **spiral motion of cycles**, the 8, ∞, and is symbolized in its turn by the **Caduceus**. It shows the **regular breathing of the Kosmos** ... [2, V.2, P.580].

Note S1.2. The above considerations present almost a direct indication to the existence of the "higher" level cross in addition to the Tropical one.

Note S1.3. Just for the reason that it is only the Tropical Zodiac which retains the association between the Capricorn and the birth of Sun, the *Sidereal Zodiac cannot present the object for these considerations.*

CROSS OF HENDAYE. The significance of the **XX-correlation** must have been well known in secret societies in Europe as well, since its secret is probably revealed in the **Cross of Hendaye** [10] – an enigmatic cross situated in the churchyard of a small village Hendaye (near St Jean de Luz and Biarritz) in the south of France. The Cross of Hendaye was discussed in an additional chapter of the 1957 reprint of the book 'Le Mystère des Cathédrales' (The Mystery of the Cathedrals) by Fulcanelli. The book revealed a lot of Gnostic ancient knowledge that was carefully preserved in a secret society that Fulcanelli was a member of. In his book Fulcanelli referred to the Cross of Hendaye as a 'marker to the End of Time'. On top of the cross we find the inscription 'O Crux Aves /Pes Unica' ("Hail, O Cross, the Only Hope."). On the other side of the cross the inscription INRI can be read which according to Fulcanelli stands for 'Igne Natura Renovatur Integra' ("By fire nature is renewed whole.").

Note S1.4. to this end, that the Theosophical sources [2] also state that the next world-wide catastrophe is to be associated with Fire, as the previous (viz. Atlantean) – with water.

"According to Fulcanelli and the cross at Hendaye, the alchemical **Four Ages** comprise the **four quadrants** of a **25,920 year long cycle called the precession of the equinoxes**. ... The strange engraving of the four 'A's' (see illustration A) on the cross of Hendaye is a "**hieroglyph of the universe**", according to Fulcanelli. It is "comprised of the conventional signs of heaven and earth, the spiritual and the temporal, the **macrocosm** and the **microcosm**, in which major emblems of the redemption (cross) and the world (circle) are found in association. ...

In addition to its profound restatement of the Western esoteric tradition, which is significant enough, perhaps the single most important aspect of Le Mystere was the single chapter added to the 1957 edition of the book. This chapter, called '**The Cyclic Cross of Hendaye**,' discusses a simple yet mysterious monument located in south-western France that Fulcanelli dates to the middle of the seventeenth century." [11]

HUNAB KU

1. [Peter Tompkins in "Mysteries of the Mexican Pyramids" – from <http://fusionanomaly.net/hunabku.html>]

According to Martinez, the Maya came to the mathematical certainty of the existence of cosmic consciousness which they named "Hunab Ku", sole dispenser of measurement and movement, to whom they attributed the mathematical structuring of the universe. This divinity they represented **by a circle** (marked out by the Authors of the article) in which was inscribed a square, just as did Pythagoras.

2. [From Wikipedia, the free encyclopedia <http://en.wikipedia.org/wiki/Hunab-ku>]

"Hunab Ku was, to the Mayas, the supreme God and ultimate Creator. It represented the gateway to other Galaxies beyond our Sun as well as all of the Consciousness that has ever existed in this Galaxy. Hunab Ku, according to the Mayas, is also the Consciousness which organized all matter, from a "whirling disk", into stars, planets and solar systems. Hunab Ku is the "Mother Womb" which is constantly giving birth to new stars and it gave birth to our own Sun and Planet Earth. They also believed that the "Creator" directs everything that happens in our Galaxy from its center through the emanation of periodic "Consciousness Energy" bursts..."

"...Today, physicists view Time as being linear. ... In contrast, the Mayas believed essentially that Time flows in a circle. There is a beginning and an end to things but there is a renewal at the end of the Time cycle. There is a "periodicity" to all manifested phenomena. The Mayan highly accurate Long Count Calendar is based on this precept. The Mayas also believed that Time originates out of the Hunab Ku and is controlled by it."

"It is very difficult to dismiss the Mayan Cosmology because they left extraordinary evidence that their "Time" keeping methodologies give extremely accurate results. Their pyramids like the one at Chichen-Itza in Mexico are precisely aligned to the yearly Solstices and the Equinoxes that are caused by the precession of the Earth's axis as it orbits the Sun. The Pyramid of Kukulcan at Chichen-Itza is essentially a superb and highly accurate Time keeping devise that never fails to mark the yearly "Precession of the Equinoxes".

3. [Hunab Ku – from <http://altreligion.about.com/library/glossary/symbols/bldefshunab.htm>]



This symbol, reminiscent of a yin-yang, is the emblem of the Mayan God **Hunab Ku**, the supreme creator God of the Maya. It represents the solar calendar, balanced forces, and perfection.

Related Symbols:



4. [From the discussion on the origin of this symbol: <http://www.diagnosis2012.co.uk/new10.htm>]

"So, in summary, the "Hunab Ku" symbol was originally a rectangular symbol used by the Aztecs as a ritual cloak design, known as the Mantle of Lip Plugs. The symbol survives as a rug design being sold in central Mexico, but was associated with the Milky Way and the god Hunab Ku by day-keeper Hunbatz Men in the mid-eighties. Jose Arguelles popularised this association in 1987, and changed the symbol to a circular one. This is how the symbol appeared in the 16th century Codex Magliabecchiano:



{Nonetheless, we can still presume that the rectangular form may reflect the technological peculiarities in manufacturing of the ritual cloaks and rugs rather than the geometrical ideas. In any case the principal design of the symbol remains the same. – S.S. and J.W.}

DECUSSATED CROSS ✕ and **SWASTICA** ☸. The four arms of the "✕", the decussated cross, and of the "Hermetic," pointing to the **four cardinal points** – were well understood by the mystical minds of the **Hindus**, **Brahmins** and **Buddhists**, thousands of years before it was heard of in **Europe**; and that symbol was and is found **all over the world**. They bent the ends of that cross and made of it their Swastica ☸ now the Wan of the Buddhist **Mongolian** (Footnote: The **Swastica** is certainly one of the oldest symbols of the Ancient Races) [2, V.2, P.556].

"TZ CROSS" . This form of the cross is given from [The J. of the Royal Asiatic Society, V.xviii., P.393, pl.4]: "At each of the four corners is placed a quarter arc of an oviform curve, and when the four are put together they form an oval; thus the figure **combines** the cross with the circle round in four parts, corresponding to the four corners of the cross. The four segments answer to the four feet of the Swastica cross and the Fylfot of Thor. The four-leaved lotus flower of Buddha, is likewise figured at the centre of this cross, the lotus being an Egyptian and Hindu type of the *four quarters*. The four quarter arcs, if joined together, would form an *ellipse*, and the ellipse is also figured on each arm of the cross. This **ellipse** therefore **denotes the path of the earth** {viz. the true form of the Earth's orbit}. . . .Sir J. Y. Simpson copied the following specimen , which is here presented, as the **cross** of the **two equinoxes** and the **two solstices** placed within the figure of the **earth's paths**. The same ovoid or boat-shaped figure appears at times in the **Hindu** drawings with seven steps at each end as a form or a mode of Meru.

This is the *astronomical aspect* of the double glyph. There are **six more aspects**, however, and an attempt may be made to interpret a few of these. The subject is so vast that it would require in itself alone many volumes. ." [2, V.2, P.546].

Note S1.5. Just for the reason that it is only the Tropical Zodiac where the Solstices and Equinoxes retain their sense, the **Sidereal Zodiac cannot present the object for these considerations**.

S1.2. Tropical and Solar Zodiacs

TZ vs. SZ , or XX-Correlation as an Integral Model of the Earth-Sun-Space Interaction

Among other arts and sciences, the ancients -- ay, as a heirloom from the Atlanteans -- had those of astronomy and symbolism, which included the knowledge of the Zodiac. As already explained, the whole of antiquity believed, with good reason, that humanity and its races are all intimately connected with the planets, and these with **Zodiacal signs**. The whole world's History is recorded in the latter. In the ancient temples of Egypt this was proved by the **Dendera Zodiac** [2, V.2, P.431].

In that very learned work, "The Natural Genesis," by Mr. Gerald Massey, on pp. 408-455 (Vol. I.), under the heading, "Typology of the Cross," there is more information to be had on the cross and circle than in any other work we know of. He who would fain have proofs of the antiquity of the Cross is referred to these two volumes. The author shows that "the **circle and the cross are inseparable**. . . . The **crux ansata unites** the **circle and cross** of the **four corners**. From this origin they **came to be interchangeable at times**. For example, the Chakra, or Disk of Vishnu, is a circle. The names denote the circling, wheeling round, periodicity, the wheel of time. This the god uses as a weapon to hurl at the enemy. In like manner, Thor throws his weapon, the Fylfot, a form of the four-footed cross (Swastica) and a type of the four quarters. Thus **the cross is equivalent to the circle of the year**. . . . The wheel emblem unites the cross and circle in one, as does the hieroglyphic cake and the **Ankh-tie**" [2, V.2, P.546].

Note S1.6. With respect to the above considerations and Notes 3, 5 it becomes evident now that (i) it is namely Tropical, not Sidereal, Zodiac that was considered in the ancient concepts, and (ii) a direct correlation exists between the **Tropical Zodiac** and the Cross, the different presentations of which reflect the appropriate aspects of the TZ.

Isarim, an Initiate, is said to have found at Hebron, on the dead body of Hermes, the well known Smaragdine tablet, which, it is said, contained the essence of Hermetic wisdom. . . .

"Separate the earth from the fire, the subtile from the gross

Ascend from the earth to heaven and then descend again to earth"

was traced on it. The riddle of the cross is contained in these words, and its double mystery is solved -- to the Occultist [2, V.2, P.556].

{This Hermetic concept, together with the axiom "**as above, so below; as below, so above**" and Note 2 give almost direct indication to the existence of the **Solar Zodiac** and consistency of the **XX-Correlation**}.

Every one knows that ♊ is the **tenth sign of the Zodiac** into which **the Sun enters at the winter solstice**, about December 21st. [2, V.2, P.576]. It presents the "Birth of the New Sun." {this gives one more acknowledge to the Note 3}.

But very few are those who know – even in India, unless they are initiated – the real mystic connection which seems to exist, as we are told, between the names **Makara** and **Kumara**. The first means some amphibious animal called flippantly '**crocodile**,' as some Orientalists think, and the second is the title of the great patrons of Yogins (See "Saiva Puranas,") the Sons of, and even one with, Rudra (Siva); a Kumara himself. It is through their connection with Man that the **Kumaras** are likewise **connected** with the **Zodiac** [1, V.2, P.576]. {**Galactic Centre?**}

But the true esoteric sense of the word "**Makara**," does not mean "**crocodile**," in truth, at all, even when it is compared with the animal depicted on the Hindu Zodiac. ... As Mr. T. Subba Row truly declares, "The veil, that was dexterously thrown over certain portions of the mystery connected with the (Zodiacal) signs by the ancient philosophers, will never be fully lifted up for the amusement or edification of the uninitiated public." [2, V.2, P.580]

In India and Egypt these Dhyanis were connected with the **Crocodile**, and their abode is in **Capricornus**. These are **convertible terms** in Indian astrology, as this (**tenth**) **sign** of the **Zodiac** is called **Makara**, loosely translated "**crocodile**." The word itself is occultly **interpreted** in **various ways** ... [2, V.1, P.219]

One of the explanations of the real though hidden meaning of this Egyptian religious glyph is easy. The crocodile is the first to await and meet the devouring fires of the morning sun, and very soon came to personify the solar heat. When the sun arose, it was like the arrival on earth and among men "of the divine soul which informs the Gods." Hence the strange symbolism. The mummy donned the head of a crocodile to show that it was a soul arriving from the earth.

The **crocodile** is the Egyptian dragon. It was the **DUAL SYMBOL** of **HEAVEN** and **EARTH**; ... the Egyptians represented the sun in a ship as its pilot, this ship being carried along by a crocodile "to show the **MOTION OF THE SUN** in the moyst (**SPACE**)". Moreover, it was the symbol of Egypt [2, V.1, P.409].

Note S1.7. It's remarkable that the Maya called the dark rift in the Milky Way to which the 2012 Winter Solstice Sun will align the 'Mouth of the Crocodile' or the 'Jaguar Toad'. This then may be no coincidence! Both Vedic and Maya cosmology may be referring to the same event using the same symbol of the crocodile to define the GCC. According to Jenkins the Maya defined this point as the moment that the Sun enters the mouth of the Crocodile (dark rift in the Milky Way), while in Vedic astrology this moment is connected with the alignment of sign MAKARA (Capricorn) with the Winter Solstice. (See also www.diagnosis2012.co.uk/1.htm and www.diagnosis2012.co.uk/jmj.htm).

Note S1.8. And what of the Solar deity emerging from the **toad-jaguar's mouth**? The outstretched hands on Stela 11 represent completion or measurement-a typical period-ending concept. In the *Popol Vuh*, First Father measured the cosmos at the beginning of time. On Stela 11 we see a **frog** or **toad** (the Milky Way) birthing the solar First Father deity. In the calendar, the frog or toad glyph stands for the 20-day uinal period of the Long Count. As such, it represents time-period completion (and commencement). In Maya hieroglyphs, when the frog's mouth is upright and open, the meaning is "to be born" and "date initiation." This identification is basic and very important, and confirms that Stela 11 represents the alignment of the December solstice sun with the dark-rift in the Milky Way which occurs on the 13-baktun cycle end-date in 2012 AD. Furthermore, given the "to be born" meaning of the upturned frog's mouth, the way the future alignment was thought of in Izapan/Maya Creation myth involved the solar First Father hero being reborn, or emerging from, the dark-rift portal to the Otherworld, which was symbolized by the mouth of a **snake, caiman or frog** (the Milky Way itself being the snake or frog or caiman).

Osiris is called in the "Book of the Dead" "Osiris, the **double Crocodile**." (See Chapter "On the Names of Osiris," cxlii.) "He is the good and the bad Principle; the Day, and the Night Sun, the God, and the mortal man." Thus far the **Macrocosm** and the **Microcosm** [2, V.2, P.580].

For the Lotus and **Water** are among the oldest symbols, and in their origin are purely Aryan, though they became common property during the branching-off of the fifth race. Let us give an example. Letters, as much as numbers, were all mystic, whether in combination or each taken separately. The most sacred of all is the letter **M**. It is both feminine and masculine, or androgyne, and is made to symbolize WATER, the **great deep**, in its origin {viz. the **Space**}. It is mystic in all the languages, Eastern and Western, and stands as a glyph for the **waves**, {viz. the **Space waves** } thus: . In the Aryan Esotericism, as in the Semitic, this letter has always stood for the waters; e.g., in Sanskrit **MAKARA** – the tenth **sign** of the Zodiac -- means a **crocodile**, or rather an aquatic monster associated always with water. [2, V.1, P.384]

Ashtadisa or **eight faces bounding Space**," referring thus to the loka-palas, the **eight points of the compass** (the four cardinal and the four intermediate points) . . . Makaram may be taken to represent **SIMULTANEOUSLY** both the **MICROCOSM** and the **MACROCOSM**, as external objects of perception" [2, V.2, P.577].

S1.3. GCC-Transformation

{According to many ancient traditions the precession maps history into world Ages that are associated with the signs of Zodiac. The Maya's, Egyptian and Vedic cultures all explain that humanity has gone through alternating Ages of spiritual darkness and enlightenment. But what can we meet at the "edge" of the ages? The Hermetic axiom allows us to propagate the below description to the GCC.}

CRUCIFIXION. Stauros, or Tau, **T** becomes a "tool" for execution "under" the Sun much later.

... the spirit of it has been ever misunderstood. "**To crucify before (not against) the sun**" is a phrase used of initiation. It comes from **Egypt**, and primarily from **India**. The enigma can be unriddled only by searching for its key in the Mysteries of Initiation. The initiated adept, who had successfully passed through all the trials, was **attached, not nailed**, but simply tied on a couch in the **form** of a tau **T** (in Egypt) or a Svastika without the four additional prolongations (thus: , not ) plunged in a deep sleep (the "Sleep of Siloam" it is called to this day among the Initiates in Asia Minor, in Syria, and even higher Egypt). He was allowed to remain in this state for three days and three nights, during which time his Spiritual Ego was said to confabulate with the "gods," descend into Hades, Amenti, or Patala, (according to the country), and do works of charity to the invisible beings, whether souls of men or Elemental Spirits; his body remaining all the time in a temple crypt or subterranean cave. In **Egypt** it was placed in the **Sarcophagus** in the **King's Chamber** of the **Pyramid** of **Cheops**, and carried during the night of the approaching third day to the entrance of a gallery {Northern side of the Great Pyramid}, where at a certain hour the beams of the rising Sun struck full on the face of the entranced candidate, who awoke to be initiated by Osiris, and Thoth the God of Wisdom [1, V.2, P.558].

Note S1.9. The **direct analogy** between the **GCC** and **initiation** is seen in the following passage.

Let the reader ... turn to some most suggestive Egyptian bas reliefs. One especially from the temple of Philoe, represents a **scene of initiation**. Two Gods-Hierophants, one with the head of a hawk (the Sun), the other ibis-headed (Mercury, Thoth, the god of Wisdom and secret learning, the assessor of Osiris-Sun), are standing over the body of a candidate just initiated. They are in the act of pouring on his head a **double stream** of water (the water of life and new birth), which *stream is interlaced* in the shape of a **cross** and full of small **ansated crosses**. This is allegorical of the **awakening of the candidate** (now an Initiate), when the beams of the **morning sun** (Osiris) **strike** the crown of his head (his entranced body being placed on its wooden **Tau** so as to receive the rays). Then appeared the Hierophants-Initiators, and the sacramental words were pronounced, ostensibly, to the Sun-Osiris, addressed in reality to the Spirit Sun within, enlightening the **newly-born man** [1, V.2, P.559].

Let the reader meditate on the **connection** of the **Sun** with the **Cross** in both its generative and spiritually regenerative capacities -- from the highest antiquity. ... In this extraordinary sculpture and painting one sees **the disc of the Sun beaming upon an ansated cross** placed upon a cross of which those of the Calvary were perfect copies. The ancient MSS. mention these as the "hard couches of those who were in (spiritual) travail, the act of giving birth to themselves." A quantity of such cruciform "couches," on which the candidate, thrown into a dead trance at the end of his supreme initiation, was placed and secured, were found in the underground halls of the Egyptian temples after their destruction. The worthy and holy Fathers of the Cyril and Theophilus types used them freely, believing they had been brought and concealed there by some new converts. Alone Origen, and after him Clemens Alexandrinus and other ex-initiates, knew better. But they preferred to keep silent [2, V. 2, P.559].