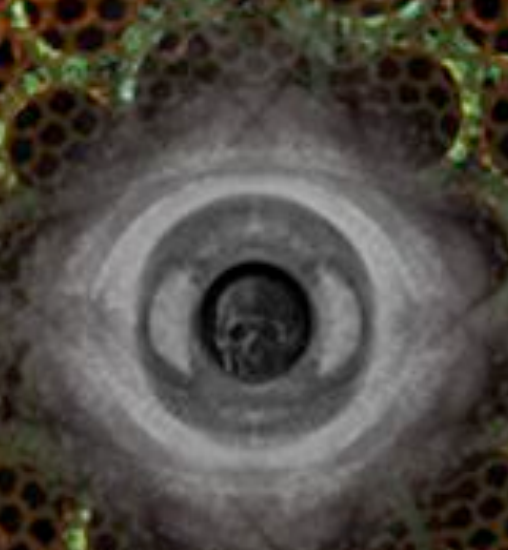


METATRON'S ~ WINGS ~



Jonathan Gee

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council
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Jon Gee

A. the Epic

The epic of Gilgamesh... is old. Very old. At the beginning of the 21st century it turned, conservatively, 4000± years old. For the second half of the century following its discovery, it was believed to be the most ancient writing on earth. However, from the 7th century BC era library of Assurbanipal at Nineveh where Gilgamesh was found, there would yield a great abundance of further documents.

These records, pressed by river reeds into clay potsherds, were written in the long lost alphabet of cunieforn. Almost as astounding as the find of this old Assyrian city in modern Iraq was the deciphering shortly afterwards of this pre-Babylonian language.

However, the archaeologists excavating the dune mounds which covered Nineveh were only scratching the surface when they unearthed the epic of Gilgamesh. Thousands of clay pots, volume after volume of writings have been unearthed and are being translated now, not only from Nineveh, but from across the ancient world of the fertile crescent.

What is particularly remarkable about all these writings is comparing their similarities and differences to other preserved ancient writings. Often times, similar themes prevail from one culture to another, and one of these is the myth of the Great Flood.

In the Epic of Gilgamesh, the flood has already happened several generations before the time period described in the story. Gilgamesh goes to visit his ancient ancestor, Utnapishtim, who lives at the far ends of the world. Utnapishtim has been remarked to bear a resemblance to the biblical Noah, who weathered the flood in a giant ark which he was commanded to build by God.

Utnapishtim describes to Gilgamesh how he survived the Great Flood by building a ship, and for this he was granted unending life. Before receiving this wisdom, Gilgamesh must partake of a series of adventures accompanied by his loyal ally, Enkidu. It is only when Enkidu dies that Gilgamesh goes on the quest for immortality.

Along the way, Gilgamesh encounters several figures which can place the time period in which the epic was written and that which it is describing. For example, the Scorpion-Man he encounters is likely a character meant to relate to Sargon I, King of Kish around 2315 BC. However the character of the desert scorpion king might also refer to the constellation of Scorpio. When Enkidu dies, Gilgamesh journeys into the Underworld with Ishtar. Ishtar was the Assyrian version of Inanna, a Sumerian goddess, whose myth dates back to 2910 BC.

Further archaeological evidence supports that Gilgamesh was indeed a real person, a King of the first dynasty of Uruk, a city-state in Sumer. Historians place the regnal dates of Gilgamesh around 2860 BC. But his ancestor, on whom the character of Utnapishtim was based, is actually many generations older than that.

The name Utnapishtim is unique to the epic, however the story of the flood pervades other contemporary literature. In the King's List of Sumer, over a millennia before the kingdom of Babylon, the flood is also mentioned, as it occurred during the reign of King Ziasudra. Again, further archaeological evidence supports the actual occurrence of a great flood which washed over the entire region, depositing a layer of silt as far north as England.

B. the Annunaki and the Nefilim

The bible goes on to relate the story of Noah's ancestors as well, although here it comes into odds with the Sumerian king's list. It traces the lineage of Noah back to Adam, the first man created by God. However, modern scholars concur that the biblical Adam was probably based on the historical figure of Adapa, the first priest-king, or Sanga-Lugal, of Kish.

Those on the Sumerian king's list before King Adapa, of whom Ziasudra is one himself, are, by modern scholars, often associated with greater cosmological forces than those with which the Biblical Adam himself was imbued. Therefore, they become associated with the Sumerian pantheon, which describes the going abouts and doings of a whole class of individuals distinctly separate from the listed kings. These gods were known as Annunaki, which means the Watchers.

Most modern interpretations of the historical figures before Adapa hinge upon the Torah verses describing events before the flood. Gen. 6:2 describes how the "sons of God saw the daughters of men... and they took them wives of them." More than merely suggesting that priests of the time could marry, this might just as easily describe the relationship between the concept of enshrining native totems and building fields around them, giving rise to the first settlements of modern civilisation. Gen. 6:4 goes on to describe that "the sons of God came in unto the daughters of men, and they bare children to them." 6:4 also describes these children as "giants," and as "mighty men which were of old, men of renown." Modern scholars seem to equate the Sumerian Annunaki pantheon with the "sons of God" and their "giant" Nefilim children with the pre-Adapa Sumerian kings list.

It is possible that, while the kings on the Sumerian list ruled, the priest-craft representing this arcane pantheon also mingled and meddled with the affairs of the Sumerian people themselves. It is quite possible that, at that time, the state and the church were kept so stringently separate that, when Tiamat, a Watcher over Apsu, or pottable water, warned King Ziasudra of the coming flood, Enlil, the watcher over the atmosphere, began a war against his brother, Enki, watcher over earth, which lasted until the Babylonian era. The kings before Ziusadra and the flood all reigned from different city-states over the unified Sumeria. This may have corresponded to places where temples were erected to the various local deities.

As early as the scroll library was being compiled at the community of Qumran on the Dead Sea, researchers of the Pentateuch and Septuagint there were commenting upon the Watchers and writing about the biblical patriarch, Enoch, third ancestor of Noah. Enoch's only claim to fame in the canonized old testament is the enigmatic passage, Gen. 5:24, "and Enoch walked with God, and he was not, for God took him." This brief mention, situated so close to the passages describing the "giants," or "men of renown," is all that officially connects Enoch to the Nefilim.

It is for this reason that some modern scholars equate Enoch with Enmenduranki, third predeluvial king of Sumer before Ziasudra. It is believed by them that the story of Enoch, descendent of Adam, was based upon the story of Enmenduranki, predecessor of Adapa. In this way, they seek to associate Enoch/Enmenduranki with certain godlike attributes, such as having discovered time by creating the calendar.

We have already seen some evidence to indicate that, perhaps even as early as the historical figures themselves, the post-Adapa first dynasty kings of Kish, such as Sargon the scorpion, or pantheon, ala Inanna and Ishtar, might have been based on

even earlier figures or attributes from before the flood of Sumer. As in the Epic of Gilgamesh, the biblical patriarch Enoch might have, indeed, been based upon the pre-flood Enmenduranki.

Enoch, descendent of Adapa the first priest-king, was, instead of Enmenduranki, thought to be a contemporary of Enmennunna, the third king of the first dynasty of Kish. So, just as Enmennunna might have harkened back to Enmenduranki, Enoch, ancestor of Noah, was believed to have been pre-deluvial.

However, it appears that, perhaps some time around the Babylonian captivity of the Hebrews, when the records of Genesis began to be transcribed from their previous oral tradition, the Babylonian version of the creation, the Enuma Elish, and the characters depicted therein, began to come into disfavour among the captive Hebrew scholars. With the Enuma Elish fell by the wayside the elder myths and records of the region, such as the Epic of Gilgamesh and the Sumerian pre-deluvial king's list.

So, by the time of the Dead Sea scrolls library at Qumran, already the tradition of Enoch being based upon Enmenduranki was probably lost or confused with the attributes of the post-Adamic patriarch.

The Enoch of the book of Genesis was seventh of the bloodline of Adam, third before Noah. The former places him contemporary to Enmennanna, the latter of Enmenduranki. Now, here is where the cannonized Old Testament version of Enoch and the apocryphal scholars' version begin to differ.

According to the Book of Jubilees, discovered at the scroll library of Qumran, Enoch was the third descendent of Adam, son of Cain, son of Adam. The Genesis account of the patriarch has him as the sixth descendent of Adam, great great great grandson of Seth, son of Adam.

Enoch, nephew of Seth, from the Qumran Book of Jubilees, is the son of Cain. Enos, son of Seth, is the father of Cainan, according to the Hebrew Genesis. But none of this is particularly significant to the story of Enoch himself.

Now, according to the Book of Enoch, Enoch had a vision of the Fallen Angels. In this vision, he was also shown the manner in which all the heavens moved relative to one another, and this relates him to Enmenduranki, who, according to other unearthed Sumerian records was credited with creating the first calendar.

According to the Book of Enoch, the patriarch had only a brief while following this vision to relate it to his son, the biblical Methusala, before returning to Heaven. This ties into the Genesis account, where "Enoch lived sixty and five years, and then he begat Methusala: and Enoch walked with God after he begat Methusalah three hundred years, and begat sons and daughters: and all the days of Enoch were three hundred and sixty five years." (Gen. 5:21-3)

C. Historical Enoch

The Book of Jubilees, the descriptions of the Watchers as evil fallen spirits, and another book, describing their offspring, the Book of Giants, were all only discovered recently at a series of caves carved into the weathered cliff faces of the west bank of the Dead Sea. In 1945, the scrolls were handed over to the Vatican for translation. It was only, then, in the second half of the twentieth century AD, that these writings, from 2000 years before, began to become publically known again. These are the Dead Sea Scrolls of Qumran.

The Book of Enoch had been rediscovered almost a century before the Dead Sea scrolls. It was found at a Hebrew temple on the island of Tana Kirkos, in the middle of Lake Tana, in modern day Ethiopia. It had been discovered by a Scotsman, James Bruce, who had been on an adventure to discover the source of the Nile River.

The prescence of a sect of African Hebrews living in Ethiopia in the middle 18th century was eventually explained by the translation from Coptic of their historical documents. According to the Kebra Negast, or the Book of Kings, this sect traced its lineage back to King Menelik, who they believed was a bastard son of King Solomon, builder of the first temple in the Bible, and the Ethiopian Queen of Sheba. According to the Kebra Negast, Menelik had stolen the stones of the Ten Commandments from inside the Ark of the Covenant, inside the Holy of Holies, inside the Temple constructed under his father.

The Saqqara Jews of Ethiopia also possessed an odd bit of apocrypha in the Book of Enoch. Subsequently, another version, written in Eastern Orthodox Slavonic and known as the Secrets of Enoch, was discovered in a public library in Belgrade, however it is much less complete.

Since Menelik ruled in Ethiopia before the period at which the scrolls were scribed at Qumran, we could pause to wonder if the Ethiopian version may even predate in its entirety the fragments found at Qumran. There were several fragments of Enoch found translated into Aramaic, the contemporary vernacular, but only one found translated in Greek. Perhaps Greek Enoch served as the source document for the Aramaic translations.

In any event, the mythology surrounding the Enoch of Genesis had been preserved all that time which intervened between the building of the Temple of Solomon and the rediscovery of the apocryphal book at Lake Tana. However, it was preserved in secret, and transmitted largely through ritual and a spoken tradition rather than written down. From this method, it only began to be commented upon in the 1800's, and these comments only began to be released to the public around the time of the discovery of the book of Enoch itself.

James Bruce, who discovered the Book of Enoch in Ethiopia, had been a Free and Associated Mason of the Scottish Rite. In the thirteenth degree of the Scottish Rite of Masonry, a story is conveyed about the biblical version of Enoch. In this version of the myth, Enoch is commanded by God to construct an underground temple, carved nine chambers deep into a mountain. In the ninth chamber of this temple he was to construct a small shrine, a golden triangle mounted on a white marble cube. After burying to conceal the entrance to this temple, he was to mark the site with two pillars, one marble, to withstand destruction by fire, and one bronze, to withstand the deluge of the Great Flood.

So, here we see that, in Northern Masonry, the Enoch of Genesis, descendent of Seth and grandfather of Noah, a tradition had been maintained that was markedly unique from that preserved by the scribes at Qumran of Enoch, son of Cain and grandfather of Tubal Cain, who had been described in the Book of Jubilees. Of course, these two traditions remain unique as well from that of King Enmennanna of Kish harkening back to Enmenduranki, Nefilim King, from the Sumerian King's List.

The Book of Jubilees, in which the ancestry of Enoch is given as Cain, derives its name from the system of measuring dates and time used at the scribal community of Qumran. This was, it is thought by some modern scholars, to correlate to an annual cycle described in the Book of Enoch.

Now, the "priestly" calendar of six years used within the community of Qumran, the ages of the Jubilees used to describe the ancient Patriarchs, and the description of heavenly relativities in Enoch may all have a common denominator in the Angel Scroll. The Angel Scroll is believed to have been part of the Qumranian tradition. However, the Angel Scroll was not discovered on the west bank of the Dead Sea, along with the Qumran scrolls. It was discovered on the eastern shore by a goat farmer, sold on the black market, and has since come down autonomously into the hands of a Jesuit monastic order. This is not an uncommon method for this scroll's discovery. In the Vatican Archives a manuscript known as the Essene Gospel of Peace was only discovered and translated as recently as the early twentieth century.

The Angel Scroll itself is believed to have two different sources. One of them, believed to be the person scribing the copy of the scroll which was discovered, signed the document. His name was Yeshua Ben Padiiah.

The person of Yeshua Ben Padiiah has been known of from other sources for some time. A Talmudic scholar named Celsus makes reference to one Jesus, son of Pandera, also known as Yeshuah Bar Panthera. Bar Panthera was the son of a Roman soldier and Miriam of Magdala, a Jewish prostitute, whose husband was a "najjar," the contemporary equivalent of the Free and Associated Masons. This Jesus went on to work miracles, heal the sick, prophesise the world's end, and was eventually executed through his own wish.

D. the Fall from Grace

The several Aramaic fragments of Enoch found at Qumran all focus on the fall of the Watchers. According to this part of the Enoch mythology, twenty two angels of God, or "sons" of God "saw the daughters of men... and they took them wives of them." (Gen. 6:2) It is then described, in Genesis 6:4, "the sons of God came in unto the daughters of men, and they bare children to them." Modern scholars believe these children, known as Nefilim, "giants" or "mighty men which were of old, men of renown," to have been the predeluvial rulers of the Sumerian King's List.

The predeluvial kings on the Kings List are all listed as reigning "after the kingship descended from heaven." Hence, it is postulated that all the predeluvial kings, including Enmenduranki, had been the "children" of the Annunaki, or the Sumerian pantheon,.

So, it is presumed that the Sumerian pantheon is synonymous with the 22 angels of apocryphal Enoch. The story of their "fall" is similar in some respects to the war of the rebel angels and the fall of the beast described in the Book of Revelations. So it has often been equated with the rebellion of Lucifer.

It is, then, believed that the 22 angels of Enoch were equivalent to the Watchers of the Sumerian pantheon, and that they fell at the time of the war in Heaven described as being between Lucifer, the morning star, and God. The cause of the war between Lucifer and God is, according to Talmudic oral tradition only recorded as recently as the mid-19th century, that Lucifer would not worship Adam.

According to the Quran, Iblis (Lucifer) became Shaytan when he was cast from heaven to "cling to the sides of the pit" of Hell. The term Satan, meaning an adversary, something like the equivalent of a Jewish lawyer, was originally represented in the books of Isaiah and Job. However, it is generally believed by biblical mythological scholars that Lucifer became Satan earlier, during Genesis.

The character of Lucifer, latin for "light bringer" was based on Azazel, the old testament scape-goat, released annually into the wilderness to bear the sins of Israel on its back. The scape-goat represented the morning/evening star Shaher/Shalem. The verse: "How thou hast fallen from heaven, Helel's son Shaher! Thou didst say in thy heart I will ascend to heaven above the circumpolar stars I will raise my throne... I will be like unto Elyon," was originally Canaanite, but later attributed to Isaiah. It was by this verse later that Jesus, in Luke 10:18, fulfilled prophecy by seeing Lucifer as a seraph, or fiery serpent.

It is possible that the Gnostic term Ialdabaoth was the origin of the latin term Lucifer, and that the Hebrew Satan was the origin for the Coptic term Samael. The Essenes of Qumran were considered to be a Gnostic sect and the Coptic were the northern Egyptian equivalent of this. The Gnostics and Copts were Hellenic Hebrews who shared in common several mythologies. Included among them was a story which was probably the origin of the account of the war in Heaven described in the Book of Revelations.

The gnostic/coptic Hypostasis of the Archons was discovered by archaeologists excavating a northern Egyptian town called Chenoboskion when they unearthed the Nag Hamadi scroll library. Included amongst these scrolls were several copies of canonised Christian gospels, a fragment of Plato's Republic, and several Hebrew books from the Old Testament. Other works found were apocryphal Christian gospels

and various Hermetic works, some which had already been known, and some which hadn't. One of the scrolls which had not hitherto been identified nor found in any other source was the cosmogenic Hypostasis of the Archons.

The Hypostasis, like many of the other apocryphal Christian and Hermetic literature, is largely feminist, which may, some speculate, account for why it was excluded from the canonised bible. The Hypostasis of the Archons describes how Samael, or Ialdabaoth, son of Sophia, daughter of the ineffable nameless God, said that he was "like unto God," and thus was cast down, or "made blind" by the word of the one true God.

Perhaps this has something to do with the biblical track of record keeping for bloodline descent being patriarchal, rather than matriarchal. Perhaps it has something to do with the replacement by the Romans, and subsequently by the Papacy, of indigenous Celtic, Gaulic and Anglo-Saxon lunar cults with a predominantly solar organised institutional religion.

It is likely, however, that this myth, the Hypostasis of the Archons, antedated the transcriptions into Aramaic at Qumran of the fall of the Watchers according to the Book of Enoch. The account in Revelations of the fall of the beast and the casting down of Satan must, therefore, be based on a predominantly Greek mythology. The war in heaven and the fall of the rebel angels, then, is based on a different, Hebrew tradition.

Thus, the fall of 22 of the Watchers, the Sumerian pantheon, for breeding with "the wives of men," and creating the Nefilim, predeluvial Sumerian kings, was punished by the flood of Noah and Ziusudra. The rebellion of Lucifer for not bowing down before Adam was based on the later source of the oral Talmudic mythology.

However, if we take that Adam only died during the lifetime of Enoch according to the Qumran Book of Jubilees, then perhaps the war in heaven described in apocryphal Enoch may actually have occurred after the fall of man. If Enoch is said, as in the canonised version, to have descended from Seth, or if Enoch is said, as in the apocryphal Book of Jubilees, to have descended from Cain, either way, he would have lived after Adam and Eve had conceived children, and this event did not take place until after the expulsion from Paradise.

E. The War in Heaven and the Atlantean Calendar

The war in the Heavens is described in the Sumerian documents as having occurred around the time of the Great Flood. According to modern scholars, the Babylonian Genesis account, the Enuma Elish, actually dates back much earlier, to the Sumerian culture. Therefore, where the Enuma Elish describes Marduk, the patron god of Babylon, scholars believe it actually refers to the earlier Sumerian God Enki.

Some modern scholars attribute this to mean that Marduk was the son of Enki. They then compare the religious pantheons of Sumeria and contemporary Egypt, and identify Marduk with the Egyptian sun god Ra. Marduk's brother, Ninghizzida, is then, accordingly, the Egyptian God of Time, Thoth, or Tehuti.

The war in heaven which precipitated and followed the Great Flood was supposedly between Marduk, the patron deity of the city-state of Babylon, and Enlil, the brother of his "father," Enki, both of the Sumerian pantheon. The war described as being between the characters of ancient middle-eastern pantheons might actually refer simply enough to the historical events of one city-state conquering a larger region.

Enmenduranki's name means "Keeper of the Names and the Bond between Heaven and Earth." It is speculated that he was the first priest. As such, it is clear that, as he is credited with the creation of the calendar, he would have been the priest in the temple, or Nefilim "son," of the Annunaki Ninghishzida, Watcher over Time. Thus, Enoch is associated with Thoth.

Now, the Egyptian deity Thoth, or Tehuti, is believed to be equivalent to the coptic Hermes Trismegistus. A copy of one of the Hermetic documents, "on the tables of the eighth and the ninth," was found among the scrolls of the Nag Hammadi library. This document describes how the account of a vision dictated by a father is used by his son to create two stone tables, or columns.

It is not impossible that Enoch, descendent of Cain or of Seth, thought to be based upon Enmannana, contemporary king of Kish, was, in turn, based on Nefilim Enmenduranki, the "son"/high priest of Ningishzidda, Thoth or Hermes. In the Apocryphon of John, found in the Nag Hammadi along with the Hypostasis, where the fall of Samael or Ialdabaoth is discussed, there is also an account of the fall of the Archons, or the rebel angels, which were, in turn, based upon the Enochian description of the fall of 22 of the Watchers, the Sumerian pantheon of Annunaki.

According to this mythology, there are 12 Archons, seven of whom fell, "less by Sabaoth," who repented. But the Archons themselves were the offspring of the 12 Aeons described in the Apocrypha of John. It was, then Samael or Ialdabaoth's own sister, Barbelo, daughter of Sophia who cast the Archons down. In the Apocryphon of John, discovered alongside the Hypostasis of the Archons at Chenoboskion, Barbelo combines with the Autogenes to sire the triumvirate of Will, Life and Thought. Within them then are the twelve Aeons arranged, and beneath the Aeons, the fallen Archons.

So, the Archons may possibly describe the Nefilim kings, or "giants," while the Aeons which watch over them might describe the Sumerian pantheon of Annunaki. Barbelo, then, is the daughter of Sophia, as Samael/Ialdabaoth her son, and Sophia the first emanation from the creative godhead.

Found alongside the Hypostasis of the Archons and the discourse described by Hermes at Chenoboskion was a fragment of the Republic, the book of social philosophy written by Plato. Although not found extent in the fragments comprising the Nag Hammadi library, it is in this work, the Republic, that Plato, through his pen-name Socrates, recounts the testimony of a Greek philosopher Solon, who is known as the father of Greek Democracy.

Solon was told the story of Atlantis around 595 BC while studying with the priests of the temple of Isis located in Sais, Egypt. The priests took Solon down a long series of ancient steps, hewn from living rock, that eventually opened into a huge subterranean chambre through which flowed part of the river Nile. The party boarded a small boat that was rowed by blind men to a tiny island far underground. On this island were two pillars made of rare metal, said to be orichalcum, the fabled indestructible Atlantean material, which never rusted nor deteriorated with age. Upon these two huge, inviolable pillars were curious writings in a mysterious language unknown to Solon. Solon was told that the mysterious inscriptions on the columns were the laws of the ancient Atlanteans, ruled by a coalition of ten kings. These ten kings could refer to the nine predeluvial Nefilim rulers of the Sumerian kings list.

F. the Shems

The use of large stone pillars to measure the relativities of the heavens is not an unknown practise. Neolithic megaliths abound in Europe, and massive stone constructions are to be found around the world, some even under water, suggesting they predated a great flood. Even the mighty pyramids of Africa at Giza and of South America at Tenochtitlan are currently believed to have had their astronomical alignments. The use of megalithic pillars as a calendar is well known, though unique to the descriptions included in the Enochian and Hermetic literature.

Modern scholars often make the association of the Annunaki pantheon of Sumeria with extraterrestrials because of the detailed descriptions of the heavenly relativities given in the Sumerian pottery inscriptions. The stone megaliths are then, by the modern scholars, associated with alien aircraft landing platforms. This attribution seems supported solely by the passage, "come let us make a name (shem) for ourselves, so that we may be like unto the Gods." However, the word shem means, in the Egyptian culture, a "highward fire stone." Modern scholars believe that the stone megaliths, which were called shems themselves, may have served a purpose greater than merely recording time.

Nonetheless, it is significant enough that the megaliths should not only have been erected in the first place, a monumental feat of engineering which can still not be matched by modern mechanical construction, but were erected with such exactitude that they could be seen to align with certain solar, lunar, and even stellar positions on certain dates. Other modern scholars speculate that Enoch's calendar of 364 days could only have been made at Stone Henge in England.

Calendars sprang up around the world, just as did the stone megaliths used to measure astronomical durations. Whether they can all be attributed to one person, as in the mythology of the Egyptian Thoth, Greek Hermes, or whether they are all predeluvial in origin, as in the mythology of Enmenduranki, scribe of Thoth, Hebrew Enoch, is ultimately beside the point that they are all used to measure time by relativities of the movements of the heavenly bodies and the firmament of stars.

The Chinese calendar, for example, is lunar in origin. Rather than stone megaliths it is thought to have derived from the number of spots on the shell of a tortoise. Emperor Yu, the Great, in approximately 2000 BC, designed the world's first known magic number square based on the pattern on the shell of a turtle which he discovered in the Lo River. Thus, this magic number square became known as the Lo Shu.

The nine square Lo Shu magic number square eventually came to be depicted by eight trigrams, comprised of three tao lines each. The tao lines were either broken, representing Yin, the male principle, or unbroken, representing the male Yang. These three-lined trigrams were then combined and recombined, one with another, to form the 64 hexagrams of the I Ching. The 64 hexagrams of the I Ching have 384 tao lines total, or, in other words, are equal to the number of nights in thirteen lunations of the moon. From this, the astrological zodiac of the Chinese was then derived.

The Egyptian calendar was also, at one early point, lunar. Originally based on the heliacal rising of the "dog star" Sirius, the Egyptians then divided the year into three seasons of about four lunations each. When Upper and Lower Egypt were unified under Sargon, King Scorpion, the Old Kingdom began, and the indigenous lunar

calendar was replaced by a calendar of 12 vague months of 30 days each. Each fixed thirty day lunation was divided up into three weeks of ten days each. This was the beginning of the solar calendrical system. To match the orbital duration of the earth around the sun, five holidays, the heiru renpet, were then added to the 360 day, three season, 12 month, three weeks per month calendar. This was then known as the Civic Calendar, as opposed to the older lunar calendar based on Sirius, which became known as the Sothic calendar. There is some speculation among modern researchers that the Sothic calendar continued to be used by the Egyptian priestcraft even after the advent of the Civic calendar.

The use of two separate calendars, one for the initiated and one for the commoners, is not unique to Egypt. In South America, on the Yucatan Peninsula, the Mayan civilisation also made use of two calendars, one sacred, the other profane. The Mayan civic calendar was called the Tzolkin, and was comprised of 260 days. This figure was arrived at by counting the number of days in one Mayan month, 20, and multiplying by the number of figures used to denote the days in that month, or 13. The calendar known to the Mayan priestcraft is only known of in modern times as the "calendar round," and consisted of 52 years, arrived at by the amount of time before one Mayan day glyph repeated in combination with a given Mayan number glyph. The complete calendar of the Mayans was based on the orbit of earth around the sun, the orbit of the moon around the earth, the orbit of the planet Venus, and was able to predict the sunspot cycle.

G. John Dee and the Golden Dawn

The Aztec Empire eventually conquered the Mayans, and, in turn, were conquered by the Spanish Conquistadors. It was at this time in Rome that the Catholic calendar was being revised by Pope Gregory the first from the earlier Julian calendar, which had been based on the Egyptian civic solar calendar. A few decades later, John Dee, prominent magician and courtier of Queen Elisabeth the first, was called upon to revise the calendar of the Protestant Anglican church, of which Elisabeth was head.

John Dee is a figure of minor historical note, however led quite an exotic life in his time. He was most likely a spy under Walsingham, the director of Her Majesty's Secret Service, and was affiliated with the English explorers of North America. He traced his own lineage to Prince Madoc of Northern Wales, who claimed to have discovered North America in 1170 AD and to have progenated, along with his crew, a race of fair skinned, Welsh dialect speaking Native Americans known as the Abenaki.

The Abenaki tribe, which inhabited modern New England, derived their name from the Algonquin word for "people of the dawn" or "easterners." They spoke Mohegan Algonquin, which was spoken also by the Metoac tribe of Montauk point, Long Island. The Metoacs might have been the original tribe to have spawned the Delaware tribe, which spoke Leni Lenape Algonquin, and were forced by the white settlements to migrate far into the midwest of North America. The Delaware tribe, in turn, may have been the originators of the Cherokee people, who lived in the southeast of North America. The Cherokee calendar, like the Micmac of modern Mexico, was based on the Mayan.

John Dee's major contribution to western history is not in the realm of calendar reform, however. He is best known for creating a system of magic known as Enochian. Although it is not thought that the Book of Enoch was known of at that time, Dee might have gleaned the reference from Scottish Rite Masonry. Likewise, it is not thought that Dee was familiar with the Cherokee/Mayan calendar, although he did possess a polished obsidian mirror believed to have been brought to him via Spanish king Philip the first, courtier of Queen Elisabeth, after he was given it by Cortez, the conquistador of the Aztec empire. The black mirror originally belonged to Montezuma, the Aztec ruler, however the mythology of it dates back to the Aztec creator deity Tezcatlipoca, whose name itself meant "smoking mirror."

Dee's Enochian system of magic was revived in the latter half of the 19th century by British and French occultists following the schools of Alphonse Constant and H.P. Blavatsky. This school, known as the Golden Dawn, sought to simplify the 33 degree system of Free and Associated Masonry into a ten degree initiatory system. As part of the seventh degree they taught the initiate about the Enochian system of Dee, and how the tables he had constructed representing the four watchtowers could be read as according to the four elements. Following the dissolution of the Golden Dawn, 20th century magician Alexander Crowley incorporated the Enochian system into his workings with a German branch of Masonry known as the Ordo Templi Orientis, or Order of Oriental Templars.

Immediately before the founding of the Golden Dawn we see the discovery of Ehtioptic Enoch, and after its dissolution the discovery of Enochian fragments at Qumran.

conductors of the stations of stars
names of God divided as triads
conductor of the quarters
leaders of
a thousand

The "Fallen Angels" from
the BOOK OF ENOCH

4 Enoch (Arabic) = Fragment: Ch. 68

1. Azazel: weaponry (metallurgy); antimony (jewelry, makeup).
2. Semyaza: enchantments, ethnogens, magick, shamanism.
3. Armoraz: reversing hexes, blocking fascinations, anti-magick.
4. Baragiyal: astrology; the "moving heavens" (planets, moon, sun) in zodiac.
5. Kokabel: "constellations," the "fixed heavens," primum mobile.
6. Ezeziel: meteorology; clouds; weather, climate, impact, cycles.
7. Aragiel: "signs" (symbols) of earth; NAM (destiny) = orbit, rotation, procession.
8. Shamsiel: symbols of the sun, rel. earth, rel. MW (+ Galactic Core B/H), etc.
9. Sariel: symbols (nam) of the moon; ratios of exact size, distance; craters.

1 Enoch (Ethiopian) = Ch. 68

V.2] 1. Semyaza
11. Armees

2. Astikapha 12. Batariel (Batariel)

3. Armen 13. Basasael

4. Kakabel (Kakabel) Ananel (14)

5. Turiel (Turiel) 15. Turiel (Turiel)

6. Rumi (Rumi) Simapiseel (16)

7. Baniel (Baniel) Yetarel (17)

8. Kael 18. Tumzel

9. Barakel 19. Tarel

10. Azzael 20. Rumi

21. Azzazel

V.3] Leaders of 100's
of 50's
of 10's

V.4-18] 1. Yekun ("the rebel") - led fallen, taught them to cross-breed.

2. Kasabel - pointed out evil to angels in their making of mankind.

3. Gadrel - "discovered every stroke of death to the children of men."

Seduced Eve; invented weaponry.

4. Penomue - "discovered to men bitter & sweet;" taught to understand war, love, & peace.

5. Kasyade - "discovered every wicked stroke of spirits & of demons;"

a. the "stroke of the embryo in the womb" to diminish it; (he went to attack a fetus & make it miscarry)

b. the "stroke of the spirit by the bite of the serpent."

c. "Tibzet" (lit. "male," or "strong") - "the stroke which is given in the mid-day by the offspring of the serpent."

V.19] This is the # of "the Kasabel; the principal part of the oath which the most High, dwelling in glory, revealed to the Holy ones.

V.20] Its name is **Beka**. He spoke to holy Michael...
(Attempting to lure the "Fallen" back by the Name of God)

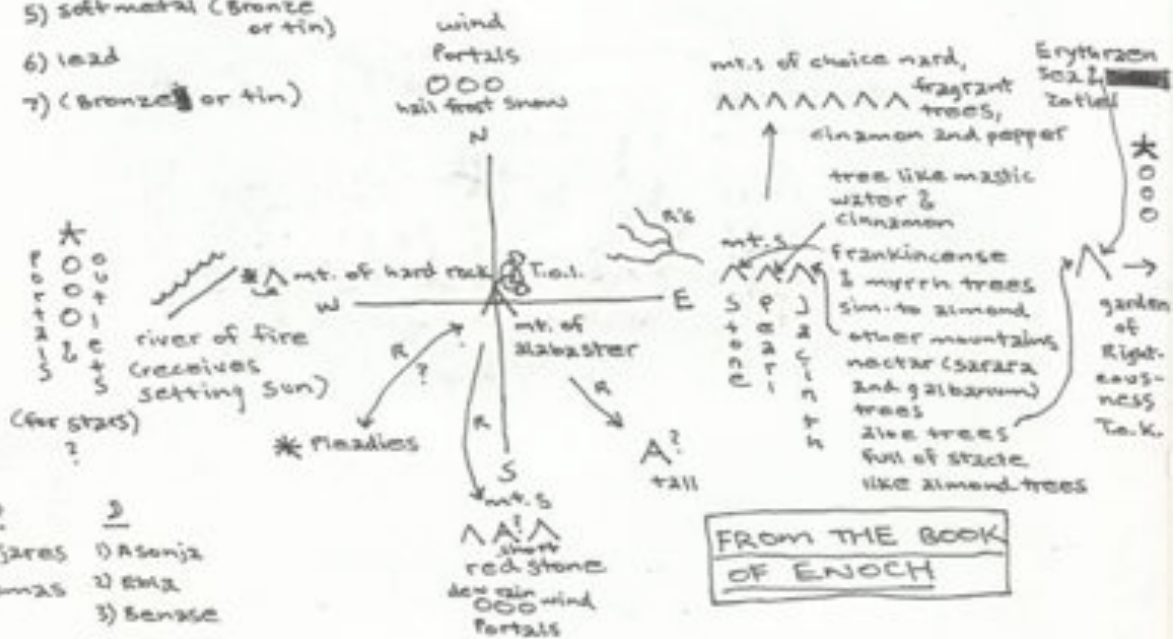
V.22] the "oath of Akae" by the "instrumentality of holy Michael."

Seven mts

- 1) iron
- 2) copper
- 3) silver
- 4) gold
- 5) soft metal (bronze or tin)
- 6) lead
- 7) (bronze or tin)

21 fallen angels

- 1) Semyaza
- 2) Artagata
- 3) Armen
- 4) Kaxabel
- 5) Turael
- 6) Rumjal
- 7) Danjal
- 8) Megael
- 9) Barael
- 10) Azazel
- 11) Armazas
- 12) Batanjal
- 13) Bussasejel
- 14) Mananel
- 15) Turel
- 16) Sinapejel
- 17) Jereel
- 18) Tungal
- 19) Turel
- 20) Rumael
- 21) Arzazel



①

- 1) Orjazas
- 2) Tomas
- 3) Benase
- 4) Erze

* Mt. of hard rock 4 hollow places

- Light 1) for the righteous with bright water
- Dark 2) for sinners unjudged in life: punished until judgment day
- Dark 3) for those who make suit, for disclosure of dying during the age of sinners.
- Dark 4) for sinners caught in transgression: punished until judgment day

* Pleadies

- 1) Uriel: over the world and "Tartarus"
- 2) Raphael: over the spirits of men
- 3) Azrael: vengeance on luminaries
- 4) Michael: over the best of man & over chaos
- 5) Sarfazel: set over spirits who sin in spirit
- 6) Gabriel: over paradise, serpents & cherubim
- 7) Remiel: over those who rise

T.O.L. = tree of life given to righteous and holy on D. of J.
T.O.K. = tree of knowledge eat & gain wisdom angels that bred with the wives of men

- 1) Jagan
- 2) Asbeel
- 3) Gadrael
- 4) Penemue
- 5) Kasdejz
- 6) (Tabael)
- 7) Kasbeal

Arāmaic Enchir

- 4Q 202: 1) Enchir announces his oracle regarding punishment of the watchers by the holy ones for a future generation
 agrees with
 Synopsis Enchir
 (1:1-6; 2:1-6:16;
 6:14-8:11; 8:15-9
 :10-8; 10:13-4;
 10:16-22)
- 2) description (brief) of seasons (14 evergreens) compared to the shiftiness of sinners
- 3) they swore an oath on Mt. Hermon: chief Shemihazzah; then Artozof, Rant'el, Kakab'el, -'el, Rshael, Dani'el, Zeg'el, Barag'el, Asael, Hormoni, Matar'el, Anan'el, Sato'el, Shamshi'el, Sahari'el, Tumi'el, Turi'el, Yomi'el, Yehadi'el: the chiefs of chiefs of tens.
 - married women, taught them sorcery, by them begot giants 3,000 cubits tall
- 4) Shemihazzah: incantations & how to cut roots
 Hormoni: how to undo magic
 Barag'el: the signs of the shafts
 Kakab'el: the signs of the stars
 Shamshi'el: the signs of the sun
 Zeg'el: the signs of lightning
 Artozof: the signs of earth
 Sahari'el: the signs of the moon
- Michael, Sariel, Raphael, Gabriel hears the deaths of the sons of earth
- 5) orders to save the son of Lamech
 orders to Raphael to bind Azazel & hurl him into darkness
- 6) the rainbow covenant

- 4Q 202: 2) watchers, sons of sky, take oath to marry women
- (5:19-6:14 & 6:17-8:11) Shemihazzah protests saying he will bear their blame
 8:12-4:14; 10:18-11:11) - Anan'el (13), Sato'el (14), Shamshi'el (15), Sahari'el (16), Tumi'el (17),
 14:14-6) Turi'el (18), Yomi'el (19), Yehadi'el (20)
- same account re. giants
- Asael: manufacture of swords & breastplates, mining of gold & working, embossing of silver; women - bracelets, eye-shadow, ~~jewelry~~ jewelry & antimony, precious stones, dyes...
- 3) same teachings; Barag'el teaches signs of "rays"
- some sons of Heaven entreat God's vengeance
- 4) God exacts wrath upon the watchers & Giants by "war of attrition"
- 5) message is delivered to the watchers

- 4Q204: 1) weighs impermanent actions of sinful man against permanent earth, heavens, evergreens and the seasons.
- 2) chief Shemihazah, Arrogat (1), Raziel (3), Kokabiel (4), -'el (5), Raziel (6), Dani'el (7), Zogiel (8), Saraziel (9), Asael (10), Hermoni (11), Matra'el (12), Anan'el (13), Sato'el (14), Shamshi'el (15), Sahar'el (16), Tumi'el (17), Turiel (18), Yomi'el (19), Yehadi'el (20): chiefs of ten
- 3) exterminate the Watchers' bastards & make the plant of ^{justice} righteousness appear
- 4) go to Dan SW of Mt. Hermon: Watchers request not to be granted
house of hailstones & beyond it house of fire
- 5) thronetop = sapphire, pillars of bottomless fire & beyond them abyss
- 6) to the E saw trees of mastic, cinnamon, resin of tsaru and galbanum
& comparable to almond peel
- 7) to the S three doors for south-wind, dew & rain
to the E three doors...
- 8) parable of the lamb
- 9) a wife for methuselah & their child albino
- 10) men to be punished for Yared's sins, Noah to be saved

- 4Q205: 1) place of punishment; ws ever-burning fire, Raziel says directs luminaries
- 2) centre of earth = mountain, river flowing to SE
E & W = mountains; mountains & ravines total
- 3) parable of the white bull
- 4) parable of the lamb
- 5) parable of the ram & the ewe

- 4Q206: 1) the walls imprisoning the damned & one who waits to heaven
- 2) to the E = trees of incense and myrrh; mountains to the NE =
nard, mastic, cardamum & pepper; further E = Red Sea & beyond
the Paradise of Justice
- 3) fragments re. Eden & of Uriel's instructions
- 4) fragments re. the flood
- 5) fragments re. end of flood & parable of white bull
- 6) fragments re. water & parable of flock

4Q207: 1) fragments re. falling stars & re. parable of black bulls

4Q212: 1) testimony on the wisdom of Enoch

2) testimony of Enoch (born 7th day of 1st week, the 2nd week will follow...)

3) plant of justice increases wisdom sevenfold in the 7th week;

8th week = week of justice & building of the temple of kingship of the

Great one; 9th week = all men will see the just eternal path;

10th week, day 1 = new heaven 7x as bright; many weeks of justice

4) who among men can...? etc etc etc.

Enoch is led by Samuil and Raguil

1st Heaven: sea greater than earth

2nd Heaven: the fallen angels

3rd Heaven: PARADISE OF EDEN & tree of life
(in the north: terrible place, sinners tortured)

4th Heaven: sun and moon

sun { east: six gates
west: six gates (mentions $365\frac{1}{4}$)

28 year circuit

moon { east: 12 gates (1=31; 2=31; 3=30; 4=30; 5=31; 6=31;
7=30; 8=31; 9=31; 10=30; 11=31; 12=28)
west: 12 gates (same # days per gate)
lunar year = 354
great cycle = 832 years
mentions "leap" years
7fold course in 19 years (!)

5th Heaven: Grigori (angelic soldiers larger than giants)

followed Satanail

went to Ermon, bred with wives of men

Enoch saves the Grigori

6th Heaven: archangels over angels, phoebixes & cherubim

7th Heaven: archangels, dominions, orders, cherubim, seraphim,
12 nit stations of light

- 10th Heaven = God, "in Hebrew Aravot"
"ruler of Sabaoth"

- enter Gabriel

8th Heaven: "in Hebrew, muzzloth" changer of seasons

twelve signs of zodiac above 7th heaven

9th Heaven: "in Hebrew Kichavim"

"homes of the twelve signs"

10th Heaven: "Aravoth", archistratage michael

archangel Pravuil (scribe, quick, messenger)

60 days & nights, Enoch writes 366 books

Gabriel sits to God's left

the creation: visible Adail comes down from invisible dark

1) light from Adail is above even God's throne

2) hard Archas, red, creates the lower
becomes a foundation

Slavonic Enoch

or 2 Enoch

the creation: 3) the first day = the deep waters like glass
2 the seven stars

4) dry chaos = earth

midst of earth = bottomless abyss

day of "first-creation" (Sunday)

5) second day (Monday) lightning

created the "orders of the ten troops of angels"

from heavenly "rock" of "Great Fire"

rebellion of one order & expulsion

6) third day (Tuesday)

"planted Paradise" & "created Renewal"

7) fourth day (Wednesday) stars

1st upper circle: Kruno

2nd: Aphrodit

3rd: Aris

5th: Zeus

6th: Ermis

7th lesser: the moon

lower: sun & moon & stars

← omits 4th (possibly "lower")

?

?

8) 5th day (Thursday)

birds & fishes, 4 legged "creeping things"

9) 6th day (Friday)

"commanded my wisdom" to create man from

"7 consistencies": 1) flesh from earth; 2) blood from

dew; 3) eyes from sun; 4) bones from stone; 5) brain

from cloud; 6) veins & hair from grass; 7) soul from wind

(breath of God)

10) Adam (from N, S, E, W) 4 stars

God taught good & evil; only in Paradise 5 1/2 hours (!)

Evil (Adam's last word before sleep: "mother")

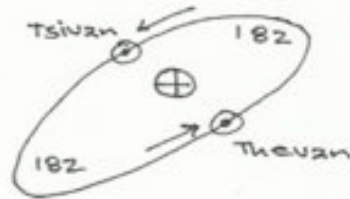
11) Satanzil makes Seton2, another world

seduces Ev2 in form of thought against Adam

2 Enoch

12) 8th dzy : "revolve in the form of the 7,000 & that
at the beginning of the 8,000 there should
be 2 time of not-counting, endless, with neither
years nor months nor weeks nor days nor hours."

- Enoch returns for 30 dzy's
: the concourse of the sun -



:: The Atlantis Code ::

*exploring the link between
Sumer and the Maya*

Jonathan Barlow Gee

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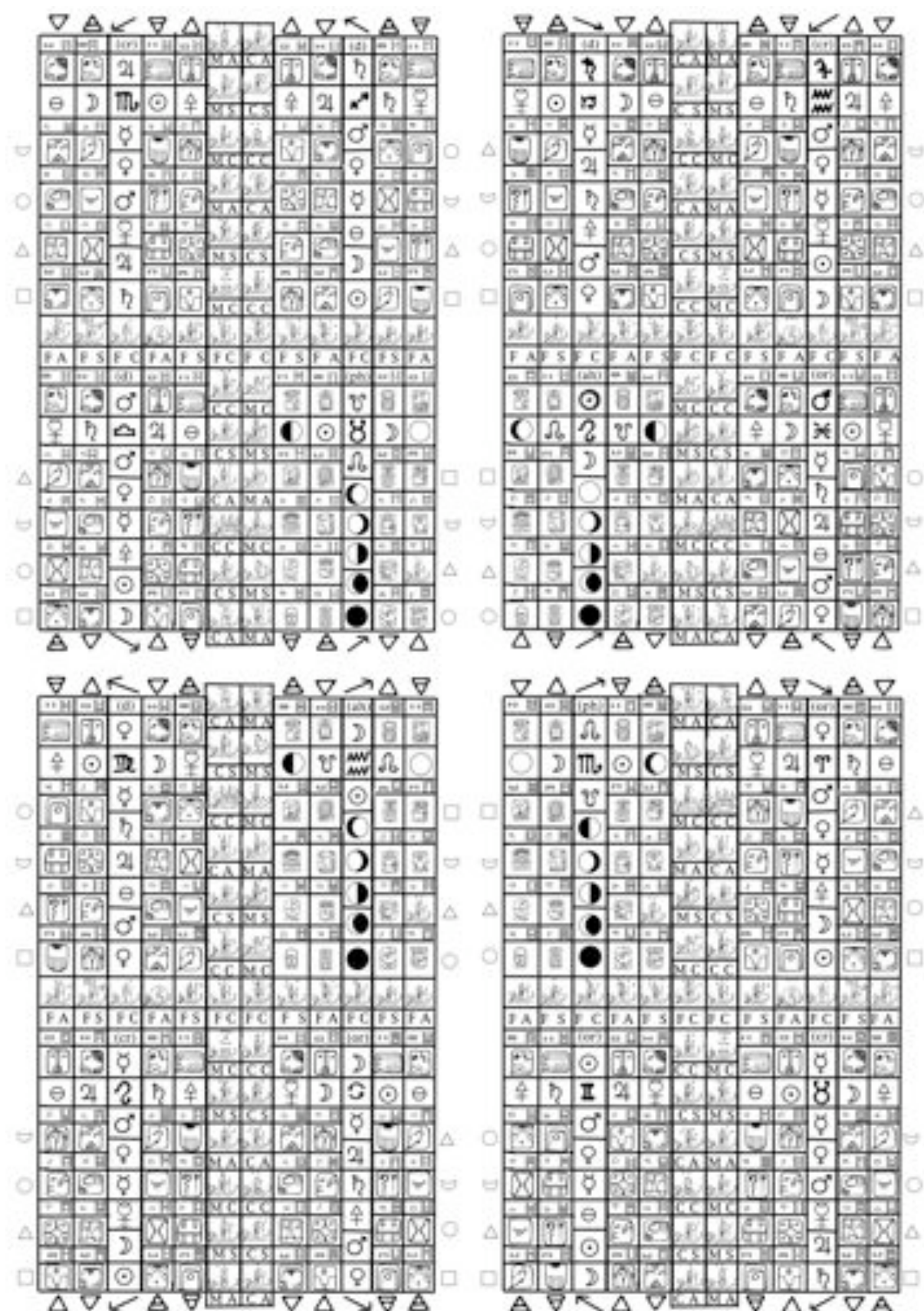
- section 1: their calendars
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Appendix A: list of published resources

Appendix B: related publications of www.benpadiiah.com

Appendix C: the sunspot cycle

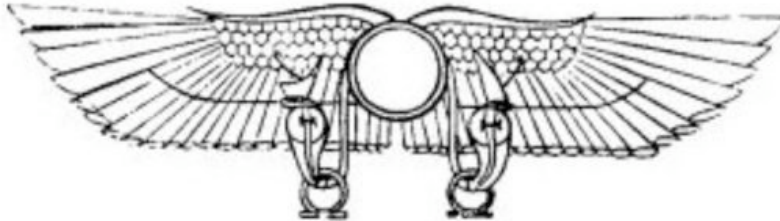
Appendix D: the 2009 Jupiter impact event



book one:
the Sumerians

introduction: the God Ashur and his Faravahar winged-disc throne-chariot

The Avesta are old. They predate the life of Christ by roughly 1000 years, and, through the Mithraic, bull-slayer religion of Rome, may have infused the early Church fathers of Christianity with the Zoroastrian morals of the Chaldean Oracles.



The symbol of Ahurah-Mazda as “God the Father” of Zoroaster, the “Son of the Sun,” is called in Persian the Faravahar, meaning the Holy Guardian Angel as the feminine bride of God. The Faravahar is depicted as a winged disc bearing a bearded male.



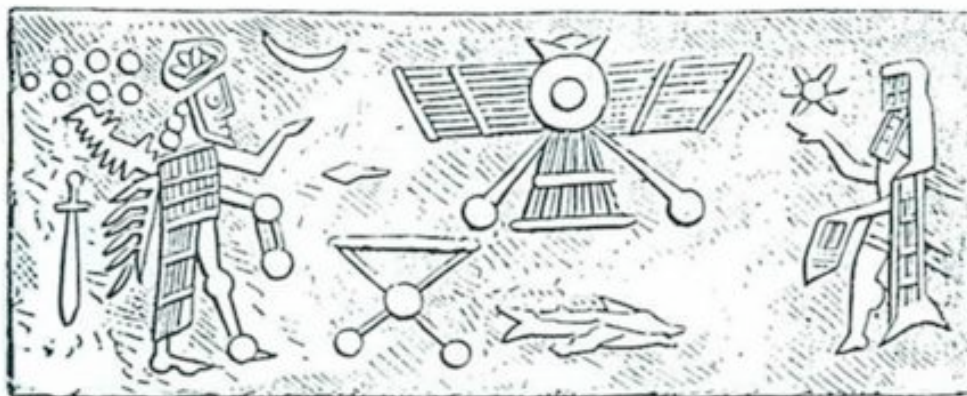
The original identity of Ahura, the god who rides this winged disc, remains a mystery, since the Avesta themselves do not describe such a device. However, in the same area, earlier depictions - such as this neo-Assyrian one etched into stone in the late 9th century bce of the God Ashur, one of the Mesopotamian city-Gods - do show it.



Yet earlier still depictions from the same region, when it was occupied by the Assyrians during the 15th - 20th centuries bce, show the mysterious God Ashur, astride his winged disc Faravahar, in relation to other, strange Gods, depicted as men wearing hooded fish-skin robes. These “mer-men” Gods of the water element are thought now to have been the priests of the God of the water element, while Ashur was, himself, the God of the element of air. Here we see the mer-priests guarding a gateway of 15 flames (or pine-cones) surrounding a single burning torch in an arc.



Currently, the oldest known inscriptions from this region depicting the God, assumed to be Ashur, and his Faravahar “throne-chariot” date to the cuneiform inscriptions of the Sumerians, some 6000 years bce. Here we see one such engraving, showing “Ashur” as having four arms, one for each element, and offering his Faravahar ship over to the fish-dressed mer-priest.

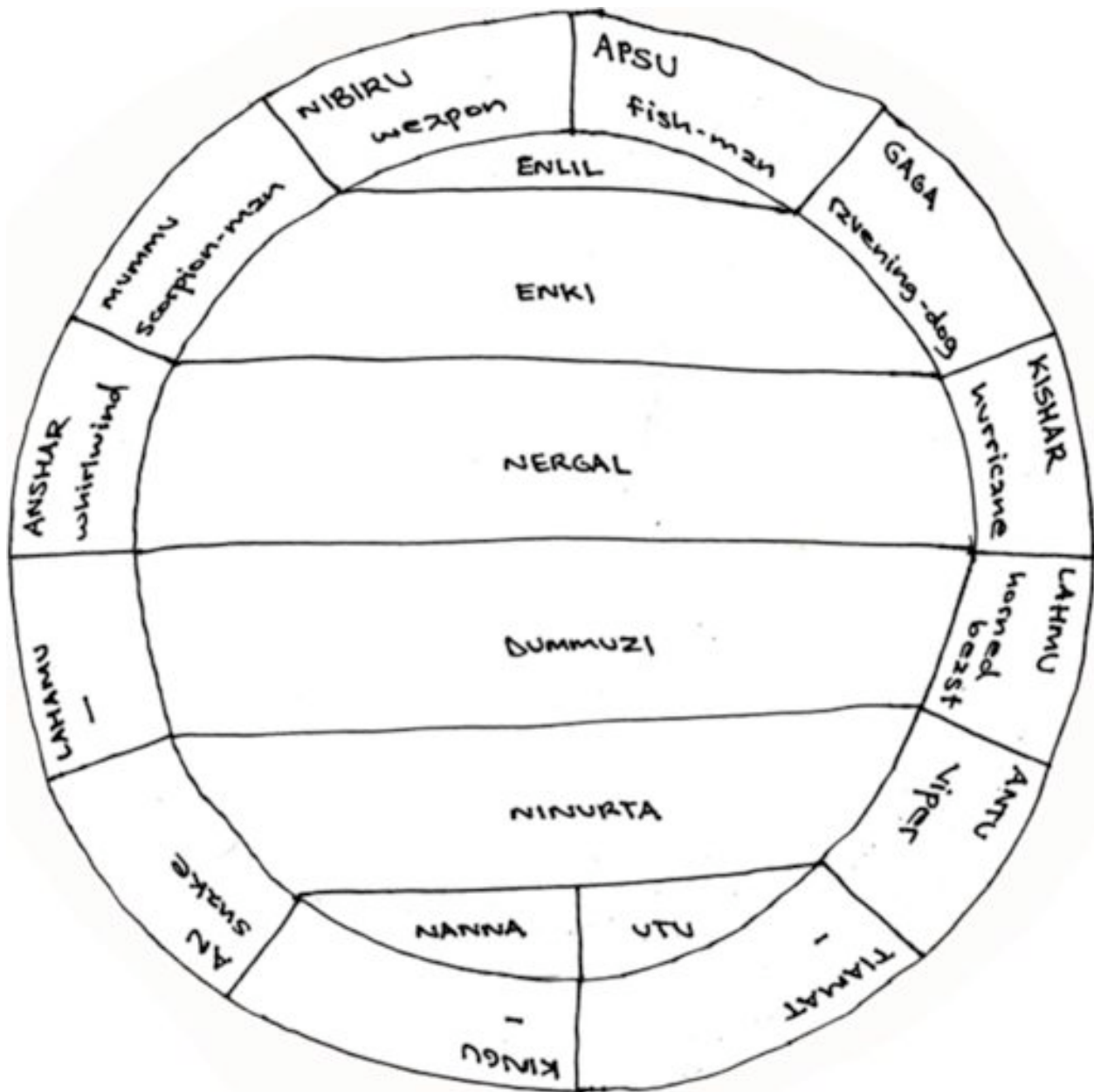


Now that we have tracked this symbol down to it's earliest now-known origins in Sumer, let us pause to consider what we know about the pantheon of the region then.

section 1: the Pantheon of the Watchers

From the Torah we know of Enoch, Noah's great-grandfather, who lived before the flood; and from the Slavonic Secrets of Enoch, we know of the fallen angels by the name Grigori, which is latin for "Watchers." In the Ethiopian Book of Enoch, we are given their more familiar name, the Annunaki, however the meaning is the same.

We now understand the word "Annunaki" to have originated in Sumer, as the name for their particular pantheon of Gods. For example, the Sumerian God of the element of water was called the Annunaki ENKI, and the Sumerian God of the element of air was called the Annunaki ANU, or variably ANZU or APZU.



Working from the Simon Necronomicon, a known forgery, and (in my case Alexander Heidel's translation of) the "Enuma Elish" on which the Simon Necronomicon was based, I here extrapolated the most likely original names for the 12 zodiac signs and the 7 kamea, and calibrated it to Pythagorean Year Zero.

This arrangement represents the first of its kind, and can be followed by any number of additional circuits of base 12 and / or 7 that can be found to stand for a cosmic aeon. In a later chapter, I will address the plenum of these, however, for now, we need only know that these 12 Gods also refer to 12 planets known of in Sumer, including Tiamat, that was destroyed, and Nibiru, Tiamat's destroyer.

However, by what right have I laid out these God-names in this arrangement? What documents can confirm or refute such an assertion? Let's next examine the pre-deluvial "King's List" of Sumer.

chapt 1: the Babylonian pre-deluvial King's List

Although the oldest known inscriptions containing the King's List date from the Babylonian empire's era of rule in this area, the list itself traces dates back as far as the 30th century bce. The entirety of the pre-deluvial verses of the King's List can be repeated in a single paragraph, as such:

After the kingship descended from heaven, the kingship was in Eridug. In Eridug, Alulim became king; he ruled for 28800 years. Alaljar ruled for 36000 years. 2 kings; they ruled for 64800 years. Then Eridug fell and the kingship was taken to Bad-tibira. In Bad-tibira, En-men-lu-ana ruled for 43200 years. En-men-gal-ana ruled for 28800 years. Dumuzid, the shepherd, ruled for 36000 years. 3 kings; they ruled for 108000 years. Then Bad-tibira fell and the kingship was taken to Larag. In Larag, En-sipad-zid-ana ruled for 28800 years. 1 king; he ruled for 28800 years. Then Larag fell and the kingship was taken to Zimbar. In Zimbar, En-men-dur-ana became king; he ruled for 21000 years. 1 king; he ruled for 21000 years. Then Zimbar fell and the kingship was taken to Curuppag. In Curuppag, Ubara-Tutu became king; he ruled for 18600 years. 1 king; he ruled for 18600 years. In 5 cities 8 kings; they ruled for 241200 years. Then the flood swept over.

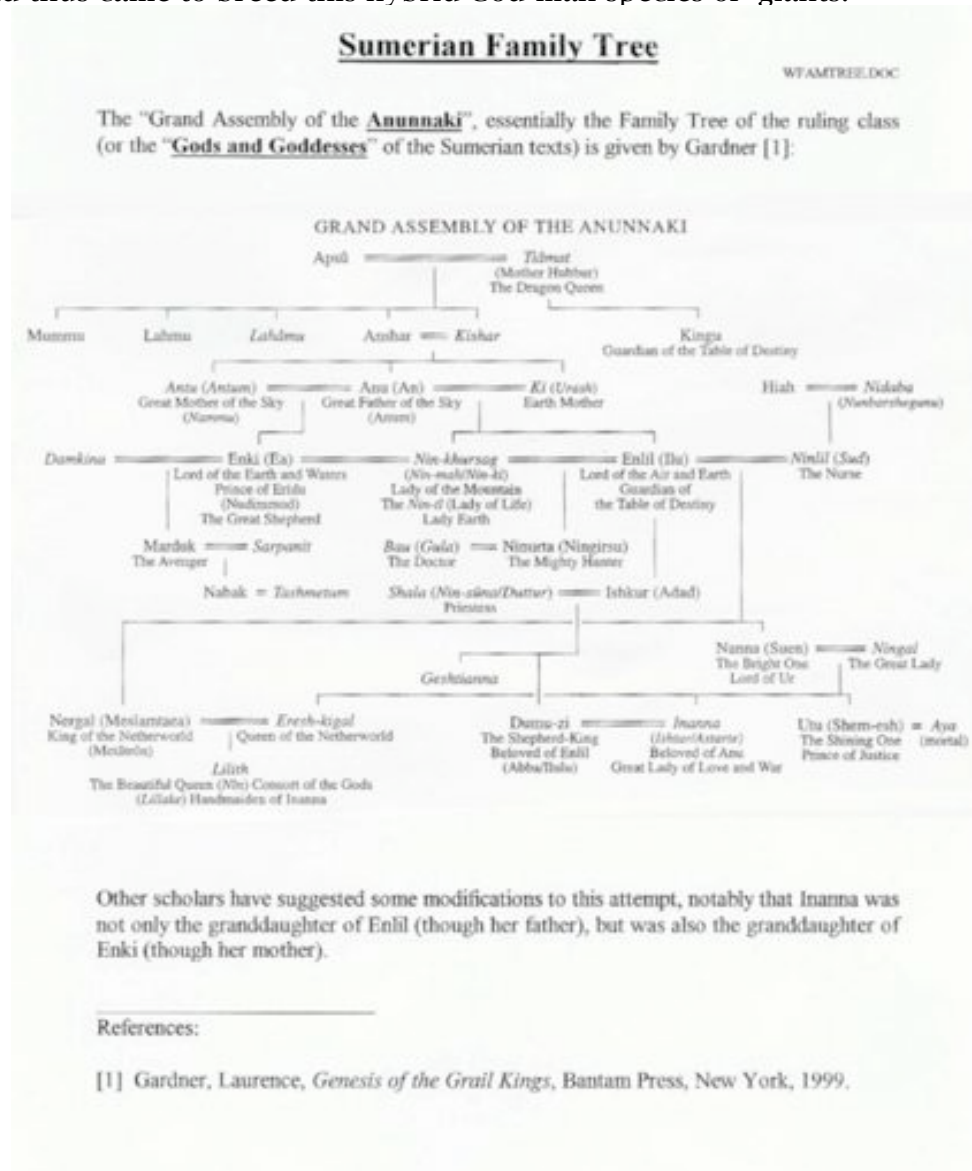
Thus, the epoch of Atlantis and of Lemuria, of an unfrozen and inhabited Antarctica, and the ages prior to the end of the last north-hemisphere ice-age, are given as a list of only 8 living individuals.

<u>The Predeluvial Kings</u>		
I. ANU	AL-LULIM	Eridu
II. ENLIL	ALAGAR	Eridu
III. ENKI	EN-MEN- LU-ANNA	Bad- Tibira
IV. NINURTA	EN-MEN- GAL-ANNA	Bad- Tibira
V. DUMMUZI	DUMU-ZI	Bad- Tibira
VI. NANNA	EN-SIPA- ZI-ANNA	Larak
VII. UTU	EN-MEN- DUR-ANNA	Sippar
VIII. NERGAL	UBAR-TUTU	Shuruppak
#	God	Priest-King city

From these “pre-deluvial” Kings of Sumer, we can extrapolate the identity both of the priest-king (the Sanga-Lugal) of Kish on the King’s List and the God who ruled him. Thus, the name of the priest-king may be merely a regnal lineage, and the God-name only a ruler of the aeon, however either way these dynasties are described as lasting as long as, in one case, 43,200 years.

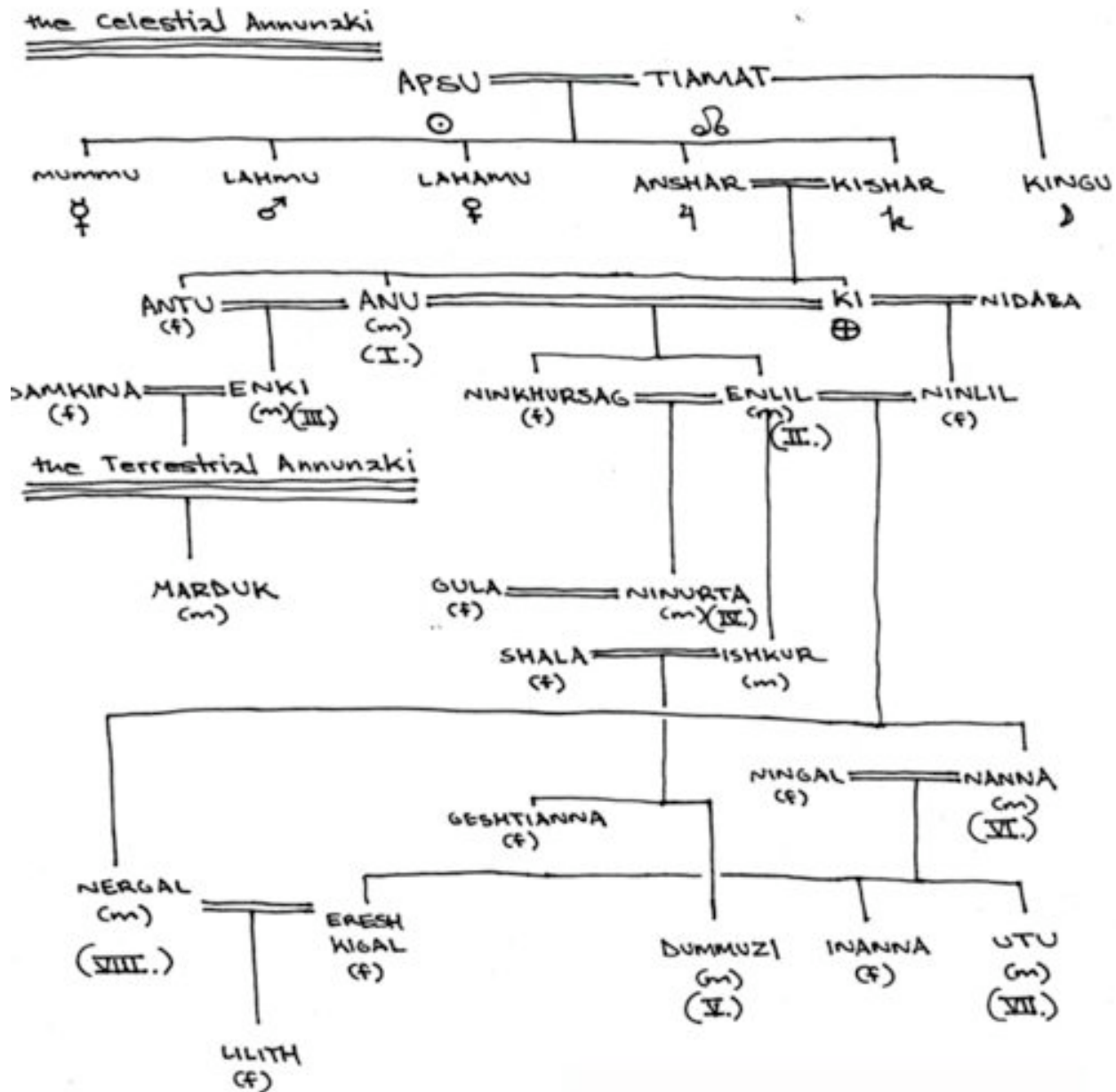
chapt 2: the (celestial) Annunaki and the (terrestrial) Nefilim

Thus, by one means of reckoning, we can account for the priest-kings of Kish listed on the Sumero-Babylonian pre-deluvial Kings’ List as one group, that of earthly priest-kings, and we can account for the Gods they worshipped, the so-called “Annunaki,” as another group. We can, even while adhering to scripture by the letter, further compare the pre-deluvial “King’s List” Sanga-Lugals of Kish to the “Nefilim” or giants, men of reknown who were of old, and thus compare their pantheon, the “Annunaki,” to those “sons of God who came down unto the wives of men,” and thus came to breed this hybrid God-man species of ‘giants.’



According to the cosmology of the Babylonian Enuma Elish, the Gods of their pantheon, the Annunaki, are the descendents of yet greater Gods themselves. While modern researchers speculate these elder Gods to represent the 12 planets (including Tiamat and Nibiru), the descriptions of the Annunaki's descent from these elder Gods cannot be denied. Equally impossible to deny are the direct references to the 8 Kings who reigned over the empire of "Nibiru," which correspond likewise to the 8 pre-deluvial Sanga-Lugals of Kish on the Sumero-Babylonian Kings' List.

From the Enuma Elish, as well as from the "Lost Book of Enki," translated by Zecharia Sitchin, I have culled together the following "family-tree" diagram for the pantheon we now lovingly call the "Annunaki."



Note that the "celestial Annunaki" are from Nibiru however the "terrestrial" Nefilim were born on earth.

section 2: archaeological artifacts from ancient Sumer

The Sumerian empire, dated from the founding of Eridu during the Ubaid Period in the late 6th millennium bce, is currently considered the oldest known “civilisation” to have existed on planet earth. Sumer, later called Chaldea, and Babylonia, and Assyria, and Persia, is now modern-day Iraq and Saudi-Arabia, encompassing the silt-plane deposit between the Tigris and Euphrates Rivers, the very heart of the “Fertile Crescent.” This is also a continuously inhabited environment, and this makes studying the cylindrical seals unearthed from locations such as Nineveh and Lagash, Mari and Nippur all the more difficult, particularly considering many of these seals are engraved on lapis lazuli, hematite, obsidian, steatite, amethyst and carnelian, and are buried along with gold, silver, beads and gemstones at graves.

chapt 1: the people and language of Sumer

The Sumerian language was actually two dialects, a masculine and a feminine voiced language described by as many as 469 different logo-grams in Pre-Sargonian Lagash. The people of Sumer usually went bald or wore short hair, and were clean-shaven in youth but wore long beards in old age. Here are some examples of the manner in which the Sumerians depicted themselves: on the left the statue of Gudea of Lagash, on the right the statue of Ishtar’s intendent Ebish-II of Mari, modern Syria.





<i>Anu</i> ,	the god of heaven, usually written 𒀭 𒀭 𒀭
<i>Bel</i> ,	the god of the earth and of mankind, 𒅗 𒅗 𒅗 𒅗 (frequently written 𒅗 𒅗 𒅗 𒅗); 𒅗 𒅗
<i>Ea</i> ,	the god of the abyss and of hidden wisdom, written 𒂗 𒂗 𒂗 𒂗 𒂗, <i>as E-a</i> . Another name of Ea is 𒂗 𒂗 𒂗 𒂗, <i>as Nu-dim-mud</i> .
<i>Sin</i> ,	the Moon-god, 𒀭 𒀭 𒀭 𒀭 (frequently written 𒀭 𒀭 𒀭 𒀭); 𒀭 𒀭 𒀭. Another name of Sin is <i>Nannaru</i> , 𒀭 𒀭 𒀭 𒀭 𒀭.
<i>Samas</i> ,	the Sun-god, 𒀭 𒀭.
<i>Rammānu</i> ,	the Storm-god, 𒀭 𒀭 𒀭; (𒀭) 𒀭.
<i>Marduk</i> ,	Meroch, the god of Babylon, 𒀭 𒀭 𒀭; 𒀭 𒀭 𒀭.
<i>Nabu</i> ,	Nebo, the god of Borsippa, 𒀭 𒀭 (frequently written 𒀭 𒀭); 𒀭 𒀭.
<i>Ninib</i> ,	a god of solar character, 𒀭 𒀭 𒀭 𒀭, <i>as Nin-ib</i> ; (𒀭) 𒀭. Another name of Ninib is <i>Ugallu</i> , 𒀭 𒀭 𒀭 𒀭 (or 𒀭 𒀭) 𒀭.
<i>Nergal</i> ,	the god of battle, 𒀭 𒀭.
<i>Gibil</i> ,	the Fire-god, 𒀭 𒀭 𒀭 𒀭, 𒀭 𒀭 𒀭.
<i>Nusku</i> ,	a form of the Fire-god, 𒀭 𒀭 𒀭.
<i>Ura</i> ,	the Plague-god, 𒀭 𒀭 𒀭 𒀭.
<i>Altur</i> ,	the national god of Assyria, (𒀭) 𒀭 𒀭.
<i>Istar</i> ,	the goddess (1) of love, (2) of battle, 𒀭 𒀭 𒀭 (frequently written 𒀭 𒀭 𒀭), 𒀭 𒀭 𒀭, 𒀭 𒀭.
<i>Belit</i> ,	the spouse of Bel, 𒀭 𒀭 𒀭 𒀭.

The Sumerians were a very distinct people, with an absolutely unique sense of style in their art and literature. Above we see a Sumerian “Adamu” depicted with the typically worn uni-brow, on the left, and on the right we find a list of names of some of the Annunaki Gods of the Sumerian Pantheon given alongside their written expressions in Cuneiform, the earliest known form of post-pictographic alphabet.

Below, we find the Sumerian Cuneiform decimals for the integers 1-50 on the left, and an engraved clay tablet of Cuneiform writing with a depiction of a map of the world on the right.

1 𒌦	11 𒌦 𒌦	21 𒌦 𒌦 𒌦	31 𒌦 𒌦 𒌦 𒌦	41 𒌦 𒌦 𒌦 𒌦 𒌦	51 𒌦 𒌦 𒌦 𒌦 𒌦 𒌦
2 𒌦 𒌦	12 𒌦 𒌦 𒌦	22 𒌦 𒌦 𒌦 𒌦	32 𒌦 𒌦 𒌦 𒌦 𒌦	42 𒌦 𒌦 𒌦 𒌦 𒌦 𒌦	52 𒌦 𒌦 𒌦 𒌦 𒌦 𒌦 𒌦
3 𒌦 𒌦 𒌦	13 𒌦 𒌦 𒌦 𒌦	23 𒌦 𒌦 𒌦 𒌦 𒌦	33 𒌦 𒌦 𒌦 𒌦 𒌦 𒌦	43 𒌦 𒌦 𒌦 𒌦 𒌦 𒌦 𒌦	53 𒌦 𒌦 𒌦 𒌦 𒌦 𒌦 𒌦 𒌦
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8 𒌦 𒌦 𒌦 𒌦 𒌦 𒌦 𒌦 𒌦	18 𒌦 𒌦 𒌦 𒌦 𒌦 𒌦 𒌦 𒌦 𒌦	28 𒌦 𒌦 𒌦 𒌦 𒌦 𒌦 𒌦 𒌦 𒌦 𒌦	38 𒌦 𒌦 𒌦 𒌦 𒌦 𒌦 𒌦 𒌦 𒌦 𒌦 𒌦	48 𒌦 𒌦 𒌦 𒌦 𒌦 𒌦 𒌦 𒌦 𒌦 𒌦 𒌦 𒌦	58 𒌦 𒌦 𒌦 𒌦 𒌦 𒌦 𒌦 𒌦 𒌦 𒌦 𒌦 𒌦 𒌦
9 𒌦 𒌦 𒌦 𒌦 𒌦 𒌦 𒌦 𒌦 𒌦	19 𒌦 𒌦 𒌦 𒌦 𒌦 𒌦 𒌦 𒌦 𒌦 𒌦	29 𒌦 𒌦 𒌦 𒌦 𒌦 𒌦 𒌦 𒌦 𒌦 𒌦 𒌦	39 𒌦 𒌦 𒌦 𒌦 𒌦 𒌦 𒌦 𒌦 𒌦 𒌦 𒌦 𒌦	49 𒌦 𒌦 𒌦 𒌦 𒌦 𒌦 𒌦 𒌦 𒌦 𒌦 𒌦 𒌦 𒌦	59 𒌦 𒌦 𒌦 𒌦 𒌦 𒌦 𒌦 𒌦 𒌦 𒌦 𒌦 𒌦 𒌦 𒌦
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However, the Sumerians, our earliest known civilised ancestors, had a very different way of expressing the physical appearance of their Gods, the pantheon of Annunaki, or the Watchers who “from the heavens to earth descended in ships of fire.” So, next, let’s look at them.

chapt 2: depictions of the Annunaki

“the ones who from the heavens to earth descended in chariots made of flame,” are here shown as one male, the doll-like carving on the left, and one female, nursing a child, on the right. Both are adorned in shoulder-garb that has large round dots on it. The male has narrow, though large, and hollow eyes, and a very long skull. The female has reptilian facial features, and may indeed be a precursor of the Vedic Naga.



However, the Sumerians themselves were the civilisation that followed the destruction of the flood that destroyed the city of Enoch, and swept over Shurupak in modern Iraq. Their depictions of the Annunaki as reptilian may, argueably, be due to their association of the elder Gods with a lost, pre-human species, however their depictions of the Nefilim, the giants who were interbred Annunaki and humans, is just as striking in the elongated shape of the skull that it depicts.

chapt 3: depictions of the Nefilim

“The sons of God interbred with the wives of men to beget a race of giants, men of reknown who were like the titans of old.”- Gen.6, 2-4.

As we can see in this sculpture from pre-Persian Iran, a rugged, distinctly human face with the, by now familiar, distinctly Sumerian uni-brow, shares in common with the Annunaki dolls the motif of an elongated skull.



Is it possible that these Sumerian sculptures of a human face with an elongated skull depict the same hybrid species as described in scripture as the Nefilim giants? Such a consideration should not be quickly disregarded, because the solution to this equation might also provide answers as to the origin of our own species.

As we shall examine in the next book, regarding the Mayans of South America, there are apparent similarities between certain Olmec statues and the appearance of native Africans, as well as many actual skulls that have been lengthened through a peculiar binding process. As I shall go on to explore further in the third book, these apparent similarities are, in fact, no coincidence.

Book 2: The Mayans



introduction: the S. American Bible



Although countless documents in the authentically Mayan language group's unique hieroglyphic script were seized and burnt by Columbian conquistadors and Jesuit monks alike, enough have survived in the possession of the Church and universities to preserve some of the amazingly vivid visions of the S. American shaman-scribes.

From the Dresden Codex and the translated Popul Vuh, we unfold the manuscript of the Mayan cosmology. We find many familiar cosmic currents, including Gods of the four primary elements, who each rule one "Sun" (epoch), at the end of which the dominant species of life that existed on earth until then is destroyed by that "Sun's" element. This process, the Popul Vuh records, has already occurred three times. The first time it destroyed the animals; the second time it destroyed the "mud people;" the third time it destroyed the "wood monkeys," and, at the end of the fourth age, it is said it will destroy us "corn people."



Here we see Xbalanque-HunHunaphu using his signature blow-gun to hunt the Quetzal bird, that is perched in the tree of One-Seven Hunaphu above a scorpion. A vision-serpent hangs in the branch of the tree on the left.

Modern Mayanologists, such as John Major Jenkins and Maurice Cotterell, have proposed that the Popul Vuh's strange descriptions of the "games" played between the "hero-twins" and the "Lords of Death" may be symbolic of a recurring alignment in the heavens that would immediately precede the final "calendar round" or "Aztec Century" before the end of the Mayan equivalent of the Sumerian Aeon, or epoch.





section 1: the Lords of the Mayan Underworld

The “games” between the “hero-twins” - first the “mud people” 1&7 Hunaphu, then between the sons of 1 Hunaphu with Egret Woman, the “wood monkeys” Xbalanque & HunHunaphu, and the “Lords of Death” always progress in the same manner, and always end in the destruction of the world by one of the four epoch elements. In the beginning, the “hero-twins” approach the “cross-roads,” which Jenkins identifies as the juncture between our solar system’s orbital plane and the core of the Milky Way galaxy. The “hero twins” are taken in a mysterious “seventh direction” called the “Road of Death” or, in the original Mayan, the “Xibalba Be.”



XIBALBA



XIBALBA



BE

THE 6 HOUSES OF XIBALBA



BAT HOUSE
sotz' na



RAZOR HOUSE
ch'am or ch'ayim na



DARK HOUSE
ak'ab na



JAGUAR HOUSE
balam na



FIRE HOUSE
k'ak' na



COLD HOUSE
sis na

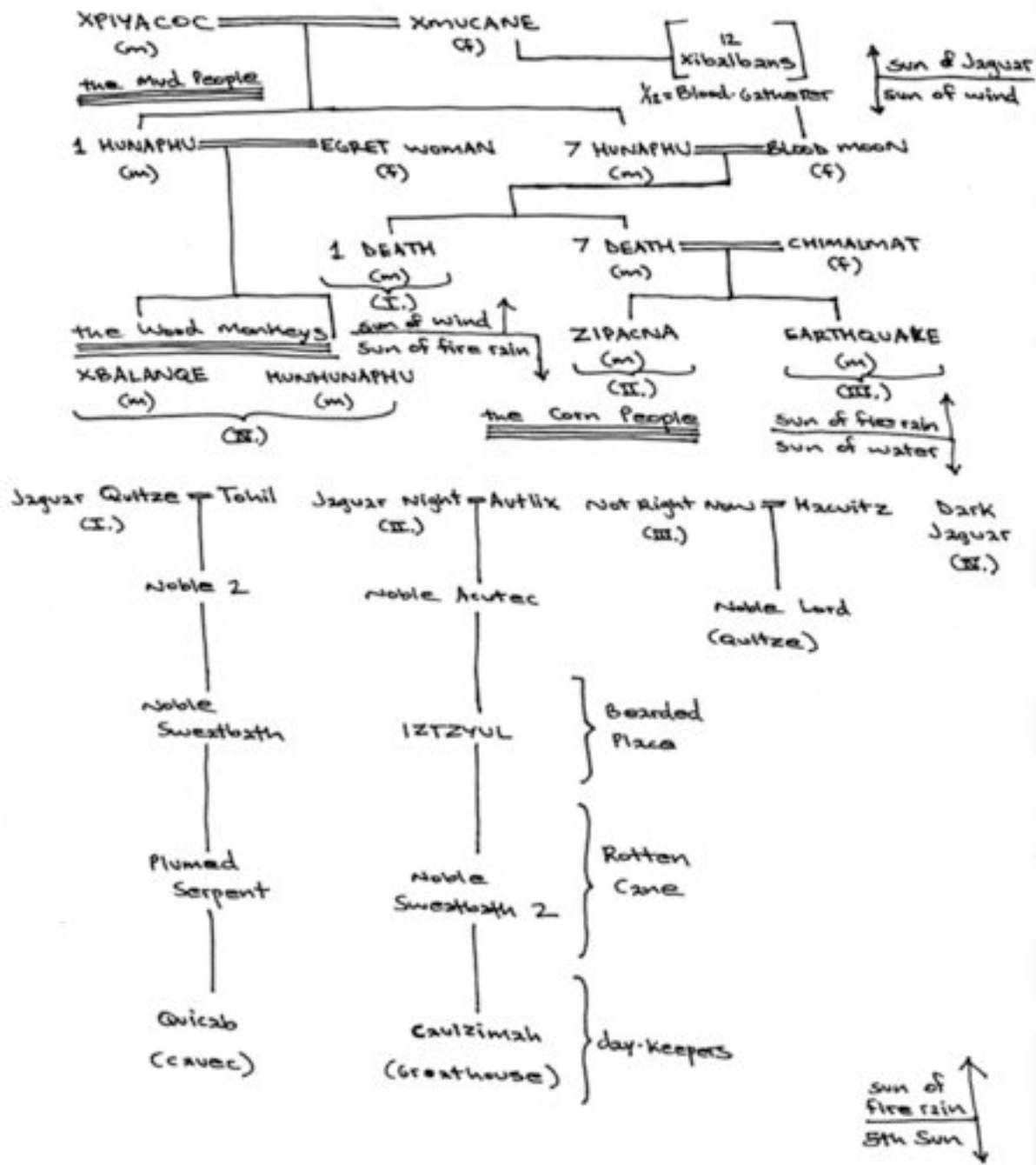


(a) Itzamna, head of the Maya Pantheon (God D); (b) Chac, the rain god (God B); (c) Yum Kax, the corn god (God E); (d) Ah Puch, the death god (God A); (e) the wind god, perhaps Kukulcan (God K); (f) the war god (God M); (g) the god of sudden death and of human sacrifice (God F); (h) Xaman Ek, the North Star god (God C); (i) Ixchel, wife of Itzamna and the goddess of childbirth and weaving (Goddess I); (j) Ixtab, the goddess of suicide.

So here we see that elements such as water, as was represented in Sumer by the Annunaki God ENKI, are also assigned God-forms in the S. American Mayan pantheon as, in this case, the storm-God Tloloc, whose pronunciation in later Mayan is Chak. We derive the above depictions from various different resources, however the depictions of the Lords of the Mayan Underworld derive from the Paris and Dresden codices.

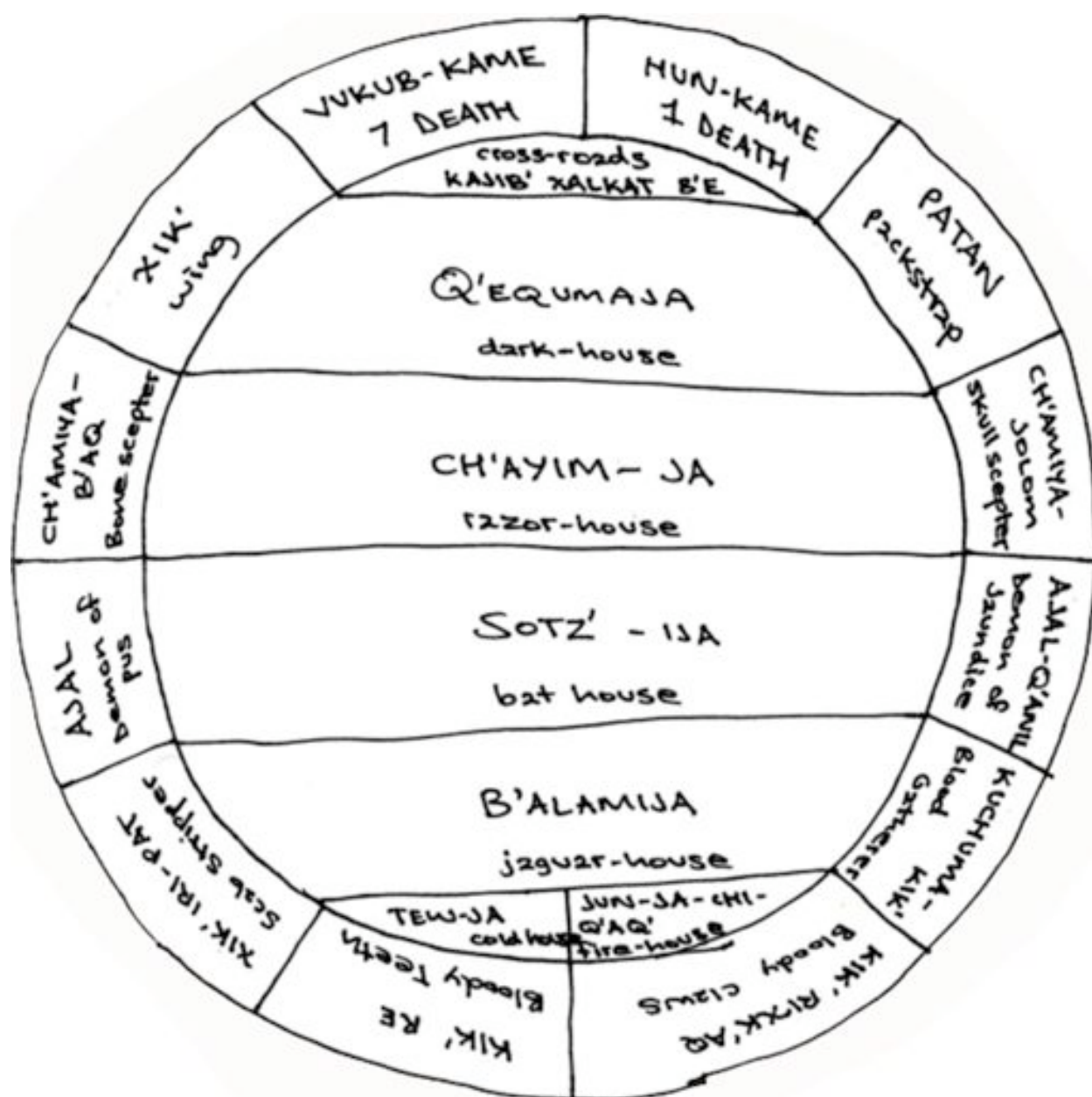
chapt 1: the Popul Vuh on the Lords of Death

The primary resource for the description of these Lords of the Underworld is not, in point of fact, written in the original Mayan hieroglyphic script style. It is the Popul Vuh, transcribed into Spanish by Francisco Ximenez, of which the original Mayan hieroglyphic script version was completely expunged from the records of history.



According to the Popul Vuh, the Mayan-language speaking S. Americans originated in Peru and then migrated northward until finally, during the era of the Aztec empire when the Columbian Spaniards arrived, the "people of the sun" had migrated as far north as into modern Mexico, and had a common alphabet and calendar with the northern, native American Cherokee Tribe.

chapt 2: the 12 Xibalba and the 7 Xibalba Be



The Mayan Lords of the Underworld, the Xibalba, are given as 12 in number in the Popul Vuh, and so we can record them after the same fashion as we had the 12 planets of the Sumerian Annunaki. Likewise, the 6 Houses of the Lords of the Underworld can be given, and the cross-roads (the Xibalba Be itself) where the calabash tree of 1&7 Hunuphu's skulls grows included as equivalent to the 8 pre-deluvial priest-kings of Kish or the 8 Nefilim elder-Gods. Note also that this model has been "calibrated" to correspond to that of "Pythagorean Year Zero."

Next, we are going to examine some Mayan archaeological evidence of the progression described in the Mayan Popul Vuh, the S. American Bible. We shall follow the route of migration northward from Peru, through Lake Titicaca, and on towards the Yucatan.

section 2: Mayan archaeological artifacts

chapt 1: the long-skulls of Ica, near Nasca, Peru

Firstly, let us consider a few of the 15,000-some “Ica Stones” which some modern archaeologists refuse to accept as an authentic artefact from this area, citing they can be reproduced using modern methods (such as the dremel) and thus doubt their age. Still, these stones are a genuine phenomenon of syncretic and even diffusionist archaeology, and their startling content should not be so easily discounted. Even if a solely modern phenomenon, they are no less impressive than crop-circles.

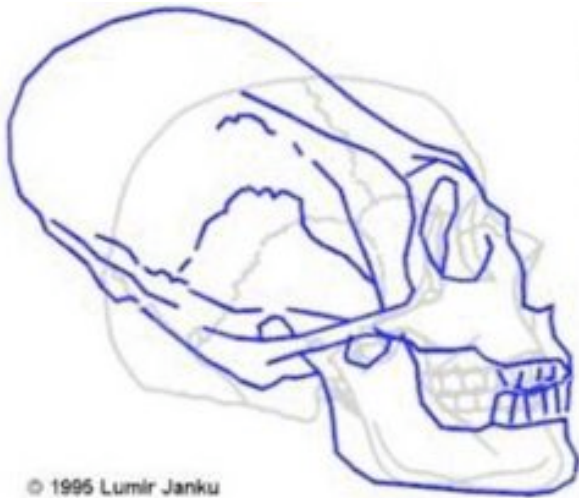


Here we see three “Ica Stones”: the one on the left shows a man using a knife to ride a bird by holding its head-feathers; the one in the middle shows a world-map from a perspective above Antarctica; the one on the right shows an apparent mechanism for a doctor to keep a patient breathing during open-chest surgery.

The “Ica Stone” phenomenon, modern or authentically ancient, should not be taken lightly because it is occurring in the same region as the location of the largest collection of elongated skulls on the entire planet, in Ica, Peru, near Nasca.



It is more than well worth dwelling on the fact that these elongated skulls represent an achievement of this kind unique to all known history. It is believed that simply by binding such elongation was encouraged to occur, and it is also believed it occurred naturally in the case of Ahkhenaten and Nefertiti of ancient Egypt (1335 bce). The lengths of the community of Peruvian skulls have never been matched on the same scale anywhere else in currently known history. It has recently been speculated to have been skull-surgery, called Trephination, where a hole is cut into the skull to relieve pressure, that, theoretically, allowed the length of the skull itself to expand.



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Here we see the successes and failures of this type of skull-surgery, trephination.

Here we see the skull of an infant, discovered in Cholula, modern Mexico, that has had trephination performed on its skull to remove its frontal fontanelle, the “soft-spot” on the very top of the baby’s skull.



chapt 2: The Nascaans of Peru

Following first from the civilisation of long-skulls in Ica, nearby, comes the culture of Nasca Peruvians who left behind as their artefact dujour a permanent desert feature visible from space. Here is a map of the Nasca “Zodiac” of geo-glyphs, which includes a monkey, a humming-bird, a spider and “Manos” the five-fingered hand.

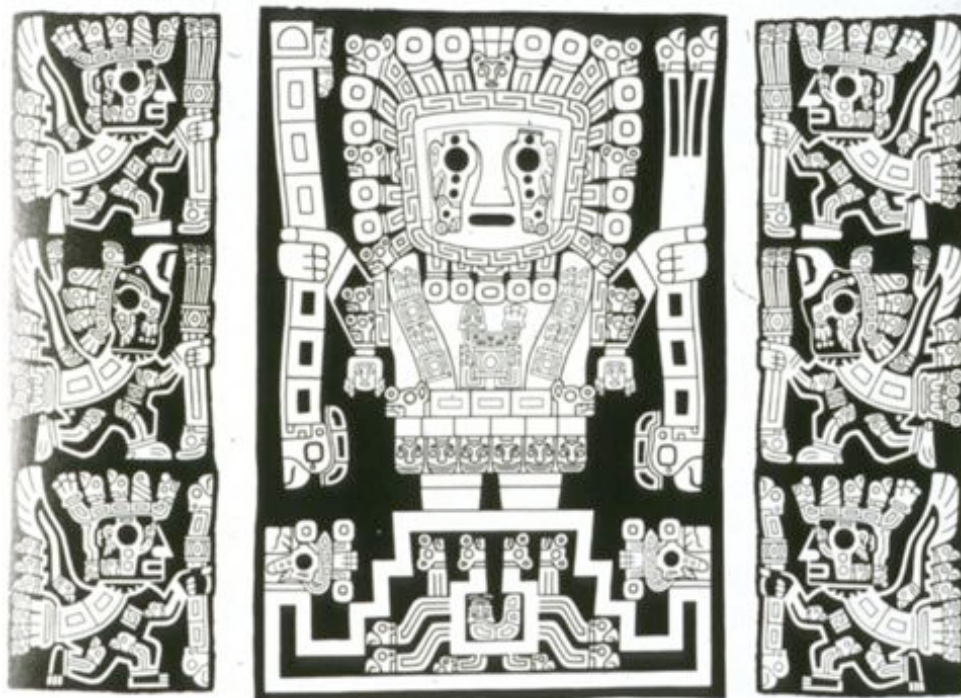




However, the Nascans of Peru and their nearby neighbors in Ica were clearly unique and different cultures, with unique and different sets of beliefs. The Ica elongated their skulls, while the Nasca mummified their dead. The above mummy is from Nasca, wears a patterned headband, and has long red hair. The length of the skull is normal.

chapt 3: the Incans of Lake Titicaca

Next, in western Bolivia, bordering on Peru we find the temple of Kalasasaya, where resides the monumental “Gateway of the Sun” and the stela of Viracocha. It is said of Mexico City that originally, during the fourteenth century, Huitzilopochtli told the Aztec chieftain that their new homeland would be on the island in Lake Toxcoco, and when they reached the island they were to look for an eagle eating a snake perched on a cactus growing from a rock or cave surrounded by water. Mexico city, founded on Lake Toxcoco, was meant to mimic later this earlier Masonic masterpiece in Tiwanaku near Lake Titicaca. Here we see the carving above the “Gate of the Sun.”



107 Drawing of the Portal God (center, also known occasionally as Viracocha) and the first flanking columns of attendants. The god holds a spearthrower (left) and staff (right), while the attendants hold staffs. Early Intermediate Period.



The Gateway of the Sun stands at a distance behind and at an angle to the stele of Viracocha, which can be seen, in turn, in the picture below from the vantage point of the centre of the nearby Temple of Kalasasaya.



chapt 4: the Olmecs of Tenochtitlan

The next culture we come to in the migration across the Andes Mountains in Veracruz, southern Mexico, is the Olmec civilisation of Tenochtitlan, from 1600 bce.



chapt 5: the Mayans of Palenque

In the modern Mexican state of Chiapas, is a small observatory tomb hosts a Temple of Inscriptions alongside a Cross-group of Temples atop step-pyramids. Inside the Temple of Inscriptions we find this carving on the lid of Pacal Votan, the “Great.”



It is widely known the glyph of Itzamna, the time-giver, at the Temple XIX platform in Palenque was meant to symbolise the handing-down of the Mayan calendar to the Time-Keeper, in this case Pacal Votan. The avatar of Itzamna is 7-Macaw.

The Mayan calendar itself is a masterpiece of perfect mathematics applied to measure the astronomical durations of cosmic events. Consider that the Hablatun, the largest known measurement ever devised by the Maya to chronicle time, measures some 1.26 billion years. The basic concepts are as follows:

Unit's name	Time period	Glyph
Baktun	144,000 days	
Katun	7,200 days	
Tun	360 days	
Uinal	20 days	
Kin	1 day	



the Baktun of Katun of Tun of Kin.

the Mayan month-name glyphs, plus Uayeb, the extra 5 "xma-kaba" (unlucky) days.



The Mayan Calendar reads thus:

$$[\text{uinal} = 20 \text{ kin}]$$

$$[\text{Tun} = 360 \text{ kin} (18 \text{ uinal})]$$

$$[\text{Haab} = 365 \text{ kin} (1 \text{ Tun} + 5 \text{ xama kaba kin})]$$

$$[\text{Katun} = 20 \text{ Tun} = 7,200 \text{ kin} = 19.712849 \text{ years} (\text{year} = 365.244)] = \text{cycle}$$

$$[\text{Baktun} = 20 \text{ Katun} = 400 \text{ Tun} (20^2) = 144,000 \text{ kin} = 394.25698 \text{ years}] = \text{Great Cycle}$$

$$[\text{Piktun} - \text{Tonalamatl} = 7 \text{ Baktun} = \text{Katun} = 2800 \text{ Tun} = 1,872,000 \text{ kin} = 2,775.6592 \text{ years}]$$

$$[\text{Tonalamatl} = 13 \text{ Baktun} = 260 \text{ Katun} = 5200 \text{ Tun} = 55,728,000 \text{ kin} = 5,125.3408 \text{ years}]$$

$$[\text{Piktun} = 20 \text{ Baktun} = 400 \text{ Katun} = 8000 \text{ Tun} = 57,600,000 \text{ kin} = 7,900 \text{ years}]$$

$$[\text{Kalabtun} = 20^4 \text{ Baktun} = \sim 158,000 \text{ years}]$$

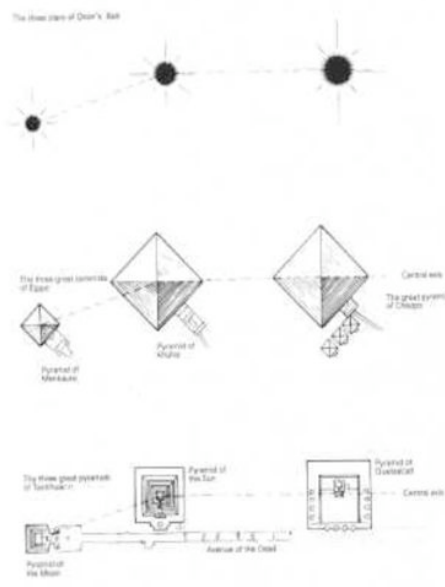
$$[\text{Kinchiltun} = 20^5 \text{ Baktun} = \sim 3.15 \text{ million years}]$$

$$[\text{Alautun} = 20^6 \text{ Baktun} = \sim 63.1 \text{ million years}]$$

$$[\text{Hablaturun} = 20^7 \text{ Baktun} = \sim 1.26 \text{ billion years}]$$

chapt 6: the Aztecs of Teotihuacan

The ultimate empire of Pre-Columbian Meso-America ruled from modern-day Mexico city on Lake Toxoco. It was originally called Tenochtitlan, and nearby Teotihuacan can be credited with building the Avenue of the Dead in alignment with the belt of the Orion constellation, and aligning it so perfectly with it that it can be overlapped almost exactly with the Giza pyramids of Egypt, whose layout is based on the same constellation, except that the Pyramid of the Sun's base in Teotihuacan is larger.



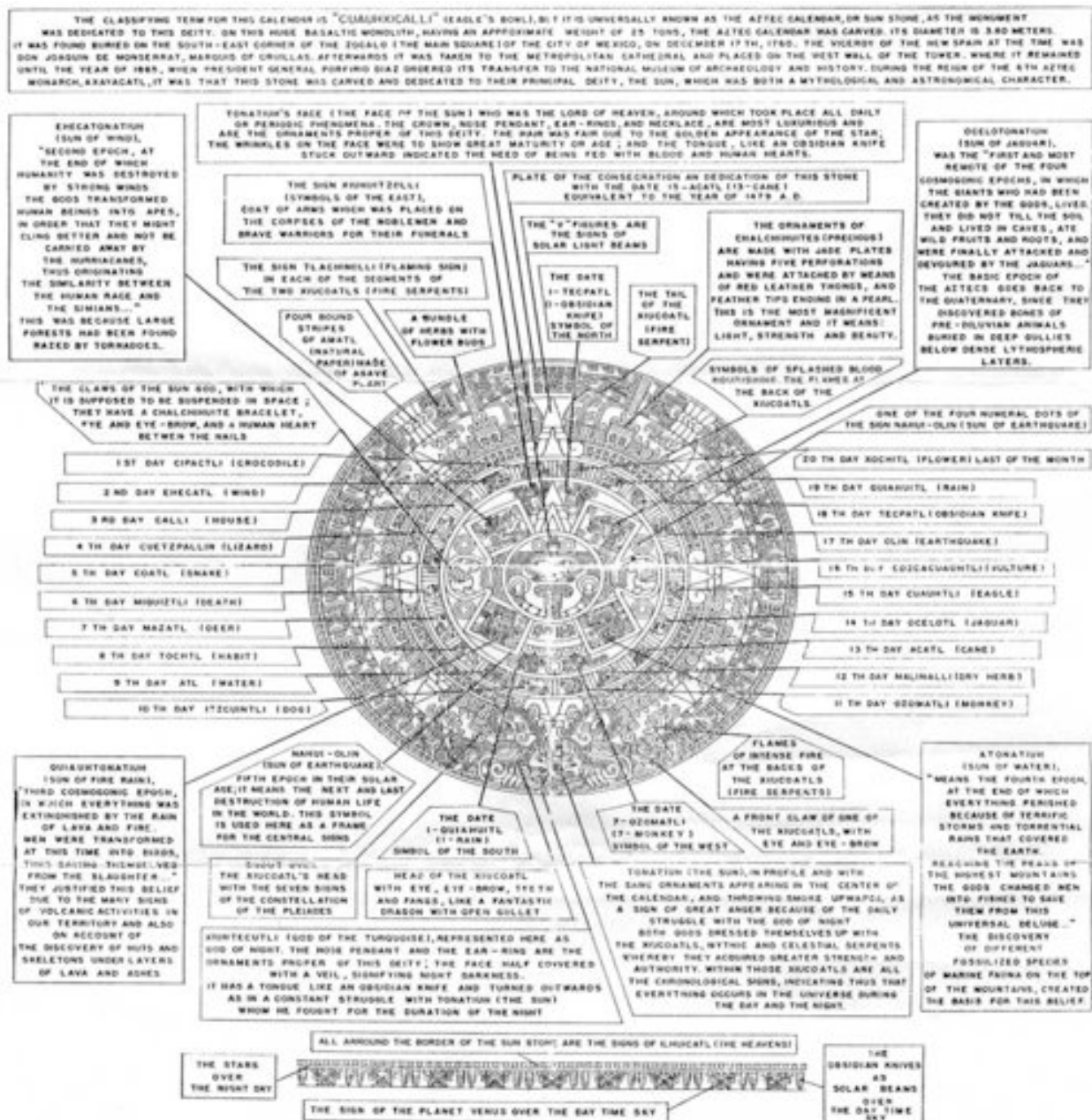
The Aztec calendar appears thus:



It is essentially read as the face of Tonutihu, the “Fifth Sun,” surrounded by the other four elemental epochs, in turn surrounded by the 20 Mixtec day-signs, equivalent to the Mayan Kin per Unial.

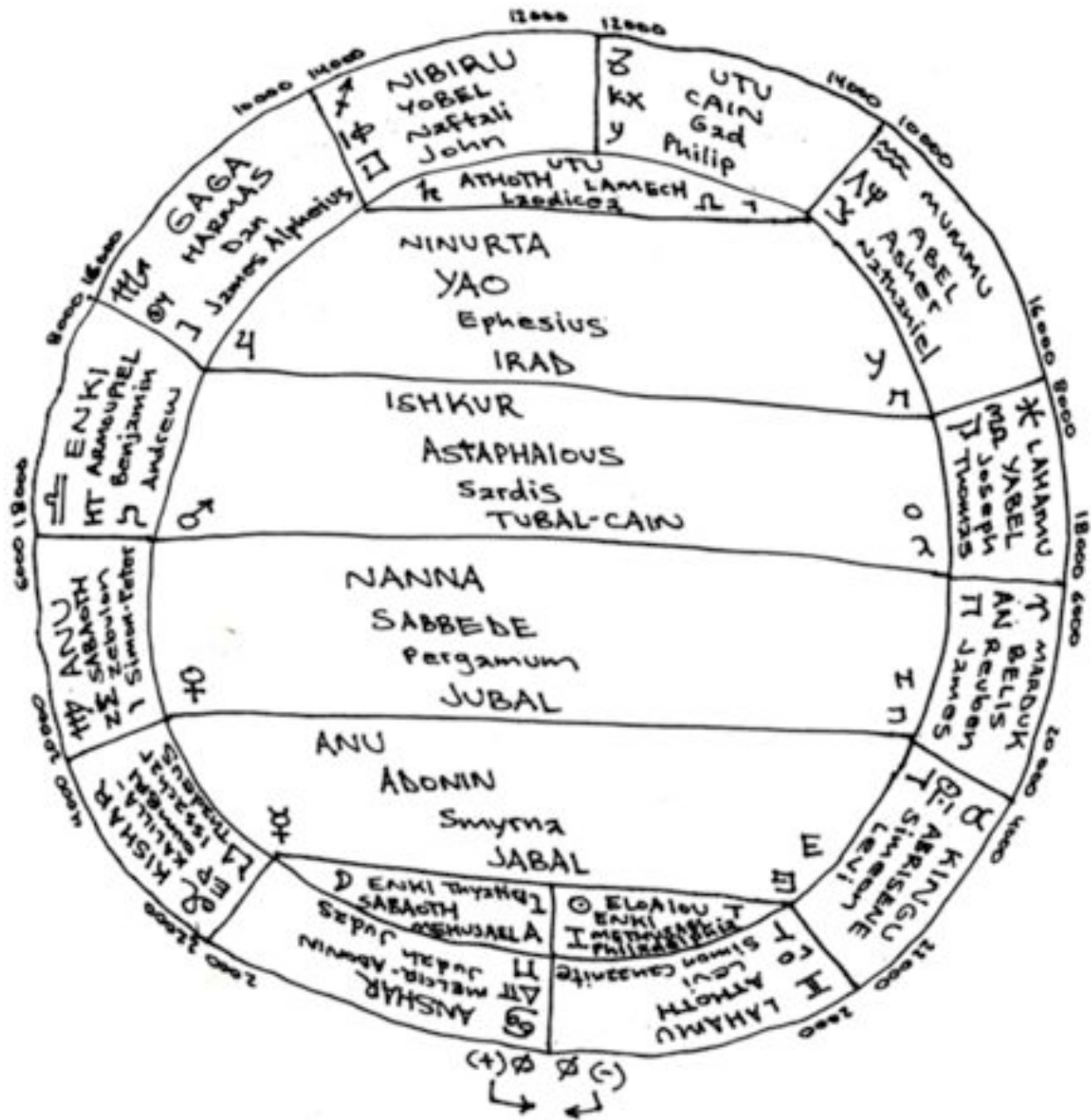
It is clear the Aztec empire was founded on Lake Toxcoco as a final fulfillment of the destiny long prior prophesized for the “people of the sun” who emigrated from Peru, through Bolivia, into the Yucatan, and eventually into modern Mexico. This destiny was carved in stone for them on the shore of Lake Titicaca in the ruins of Tiwanaku by the worshippers at the “Gateway of the Sun” and the foot of the stele of Viracocha. But it is also highly doubtful that, by the time the Aztec empire reached the peak of its blood-thirst, it was at all even aware anymore of this circular agenda of destiny.

Following is included an excellent chart depicting in great detail the meaning of each specific aspect of the Aztec calendar.



So, now we have studied both Sumerian and Mayan pantheons, historical texts and archaeological artefacts. In the following section I will depict the result of combining these two into a single system, and explain the meaning of such a combined system. In short, the fact that the Sumerian empire rose and fell between the 6th and the 3rd millennia bce, while the Mayan empire rose and fell between 2000 bce and 900 ce, a case for a continuous lineage of succession between the Sumerians and the Mayans may be considered now on not merely mythological grounds. However, in order to combine the Sumerian and Mayan chronological time-lines, I must depict them in the context of their pantheons, and thus appeal on merely mythological grounds.

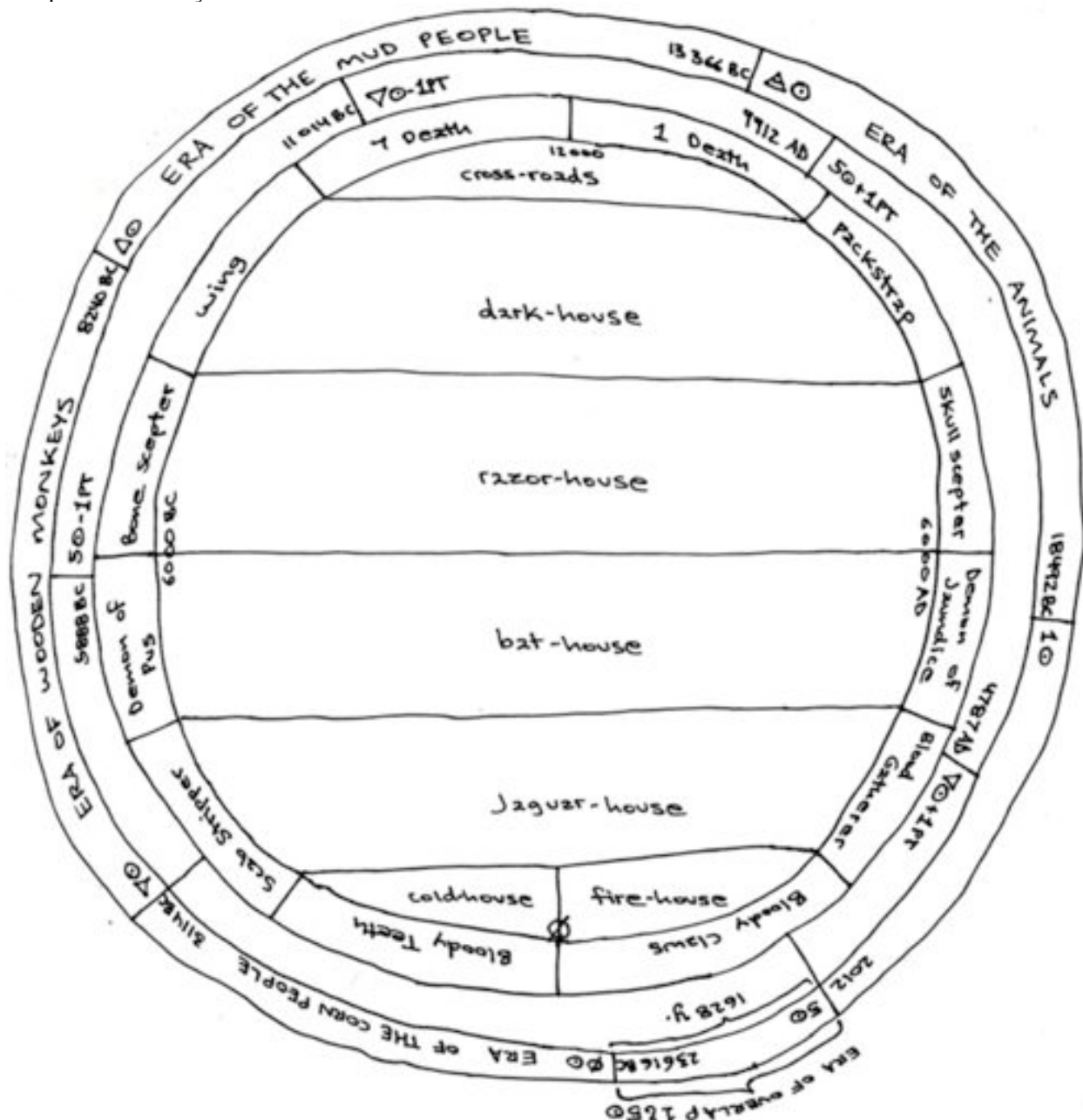
chapt 1: the Sumerian Aeons



12 ANUNNAKI AEONS 7 NETERU ARCHONS

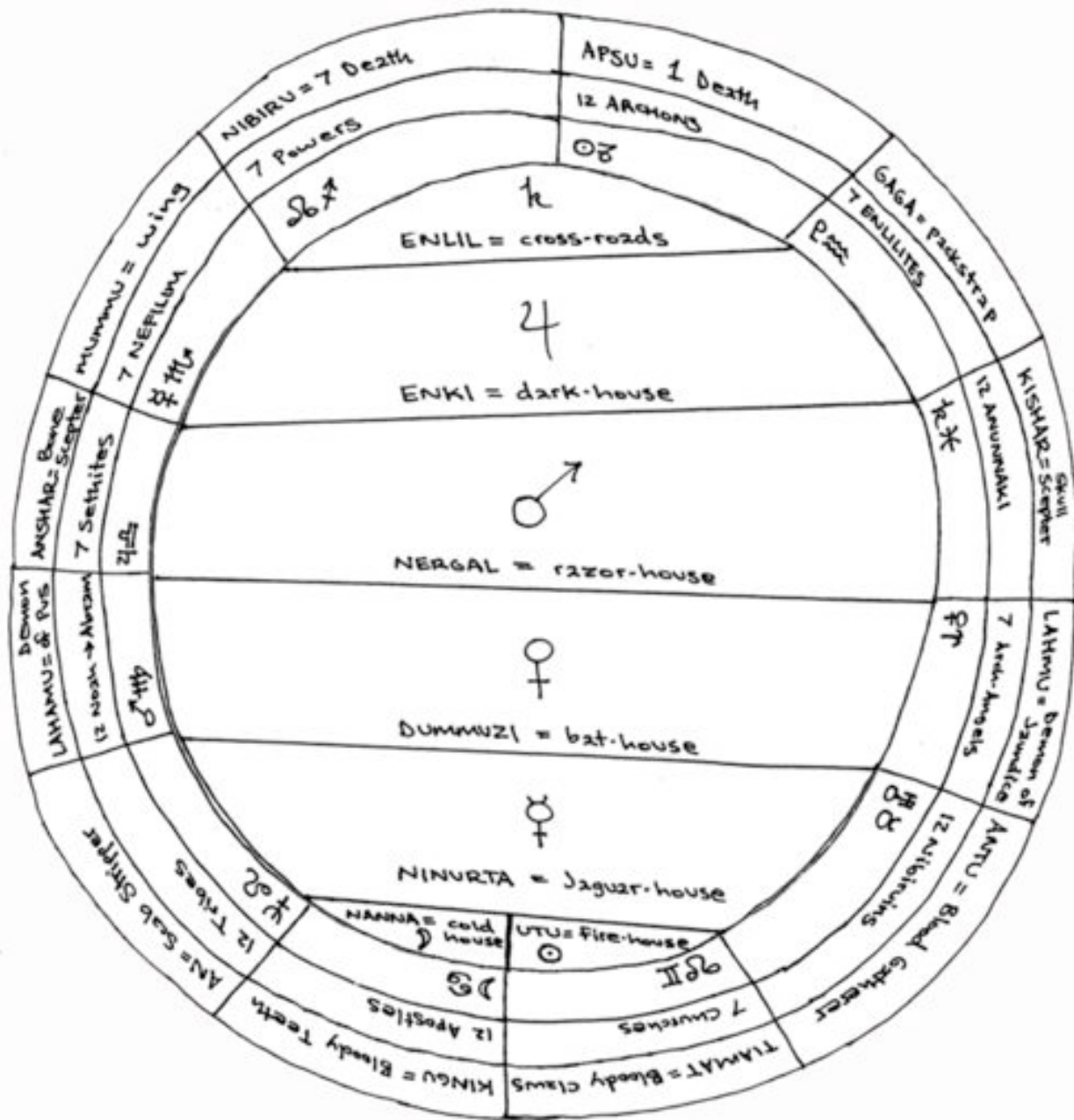
The above chart depicts 4 interval Aeons of the 12 & 7 base systems. We see the, now familiar, names of the 12 planetary Gods & their 7 priest-kings. Added to this we find the names of 12 Gnostic Archons & their 7 Authorities, followed by 12 Tribes & 7 Churches, followed by 12 Apostles & 7 Nefilim of Enoch. Astrological symbols are also applied, and the entire mechanism is “calibrated” to Pythagorean Year Zero.

chart 2: the Mayan Tzolkin



Now, also a bit of re-cap on the Mayan cosmological system. Here we see labeled, along with the 12 Xibalba Death-Lords and the 7 Xibalba Be, or Houses of Death, the dates given for the beginnings and endings of each of the 5 elemental epochs. Again, the mechanism is “calibrated” to Pythagorean Year Zero. We see there is a brief period of overlap between the beginning of the first epoch and the end of the last. This period of overlap lasts from 384 ce to exactly midnight, the start of Dec. 21, 2012.

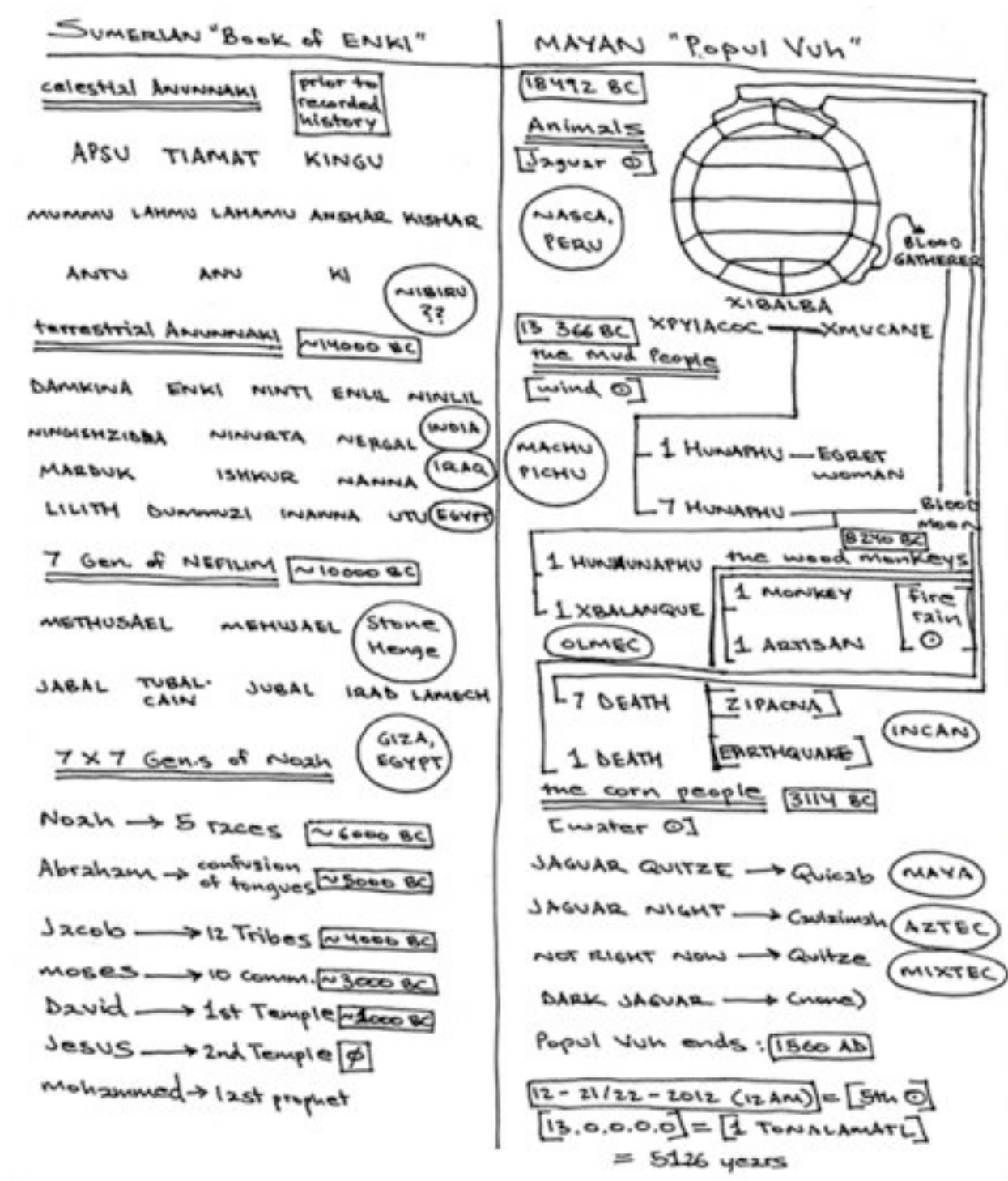
chart 3: both combined



The significance of this calendrical system must not go unrecognised at this time. We are in a tremendous time of tumultuous changes, and we must stop to wonder at past lessons, that they should not go un-learned. So, here we see the astrological symbols of the seven planets and the 12 signs of the zodiac, combined with the signs of the 12 Sumerian planets, expressed as the figurative signatures of the Sumerian names, whose Mayan translations are given. Likewise, each Aeon has its own set of 7 or 12 traits to describe its impact on history.

Next, we shall look at a comparison of the Sumerian and Mayan "biblical" time-lines.

section 2: their chronologies



When comparing these two historiographical, mythopoeiac cosmological accounts, we must take into account also that both stories, the Sumerian "Book of Enki" that is the proto-type for the Torah of Moishé, as well as the Mayan "Popul Vuh," Dresden and Paris codices of the S. and Meso-Americans, should be considered equally unlikely on the grounds that they represent conjecture on the part of their original authors.

section 3: Significance of the Findings

Let us briefly pause to consider the incredible - the notion that trans-Atlantic population-redistribution, let alone only merely cross-cultural exchange, had occurred between the earliest Akkadian emigres of pre-Babylonian Sumer, under Imhotep, called in Torah Abraham, and not only with migration into Egypt as known by the religious and holy texts of the M. East, but actually across the ocean to another continent at the same time, to develop a nearly identical culture, only over a much longer period of time.

chapt 1: Marduk and Tiamat

Let us consider the myth described briefly in the Enuma Elish, the Babylonian version of the Genesis epoch of Torah. In the Book of Enki, combined elements of the Enuma Elish with the more than 15,000 cylinder seals unearthed in modern Iraq and Saudi Arabia are used to explain the story of the Annunaki, who “from the heavens to earth came in chariots alight with flame.” Here we see a depiction from an engraved cylinder seal of the Sumerian Ziasudra, called Utnapishtim in the Epic of Gilgamesh, entering a cubical-ark. This Sumerian legend was the precursor to the Torah tale of Noah. So we see the twin-workers helping Noah board his ark wearing the masks of Gilgamesh, later emblazoned as the mask of Agamemnon, et in Arcadia ego. The figure standing off to the left side is presumeably ENKI, the Sumerian Annunaki of the element water, seen here without his customary array of waterfalls, having passed them onto the ark.

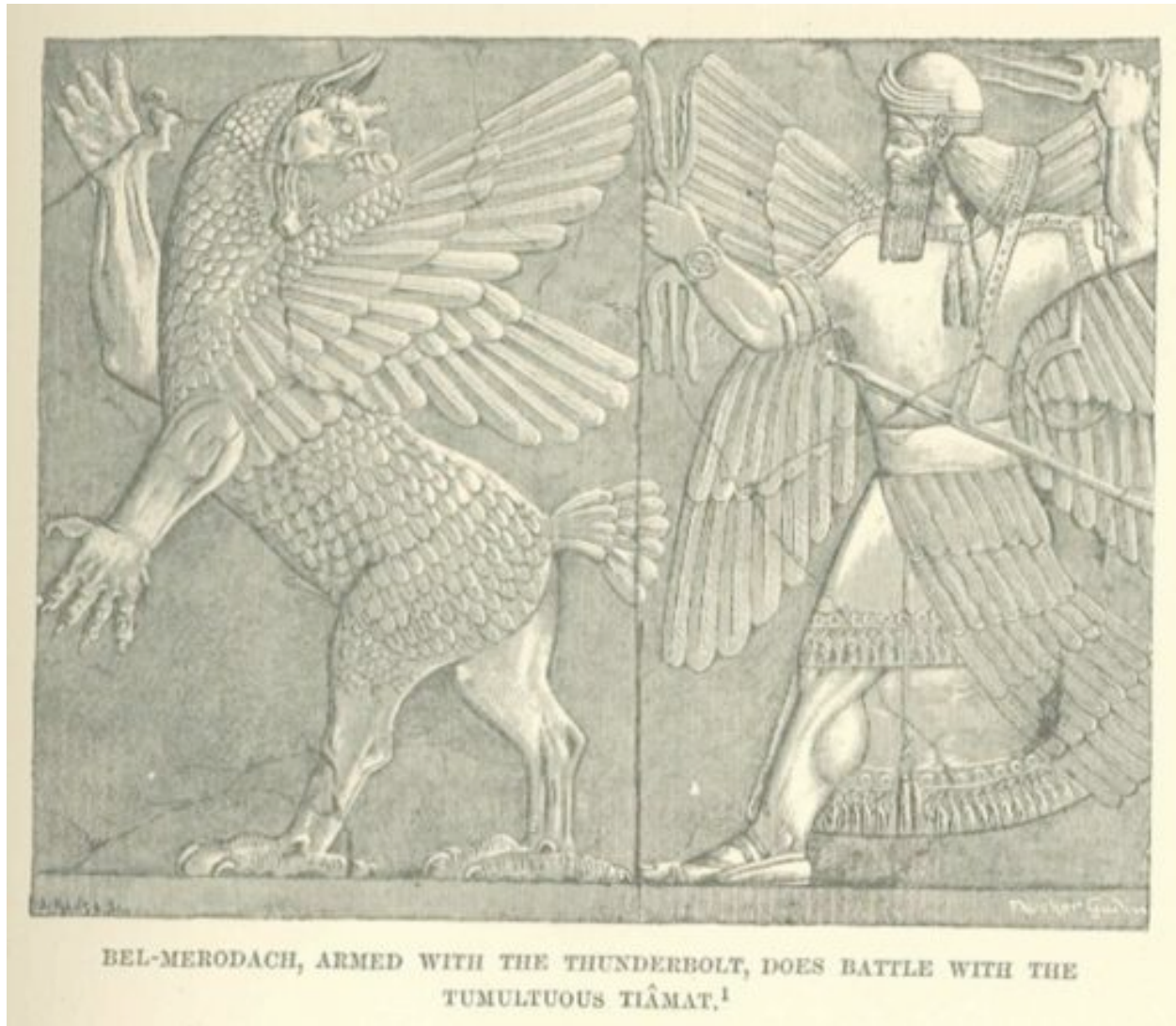


Next we are going to see the events that Ziasudra - Utnapishtim - Noah was denied sight of while submerged in the flood. We will be looking at the same event as occurred to cause the great flood, according to Sumerian mythology. This event occurs, according to their reckoning, about once every 3600 years, called a “Shar.”

Here we see the return to the heavens of the God Ashur, whose name was replaced in the Babylonian by their patron-deity, MARDUK. He is dethroned from his Faravahar winged-disc, and has drawn his bow and arrow against a terrible foe in the heavens. The Enuma Elish describes this terrifying “War in the Heavens” between Marduk and Tiamat but briefly, while the Book of Enki, drawing also from cylinder seals, provides a much fuller picture. According to the eldest mythological narrative known to man on earth, MARDUK ascended into the heavens to do battle against TIAMAT, a terrible dragon. In truth, the whole myth is merely a description for the occasional 6,000 year cyclical “Grand Cross” alignment of the seven planets in the sign of Taurus near what would be the archer’s arrow in the constellation of Orion.



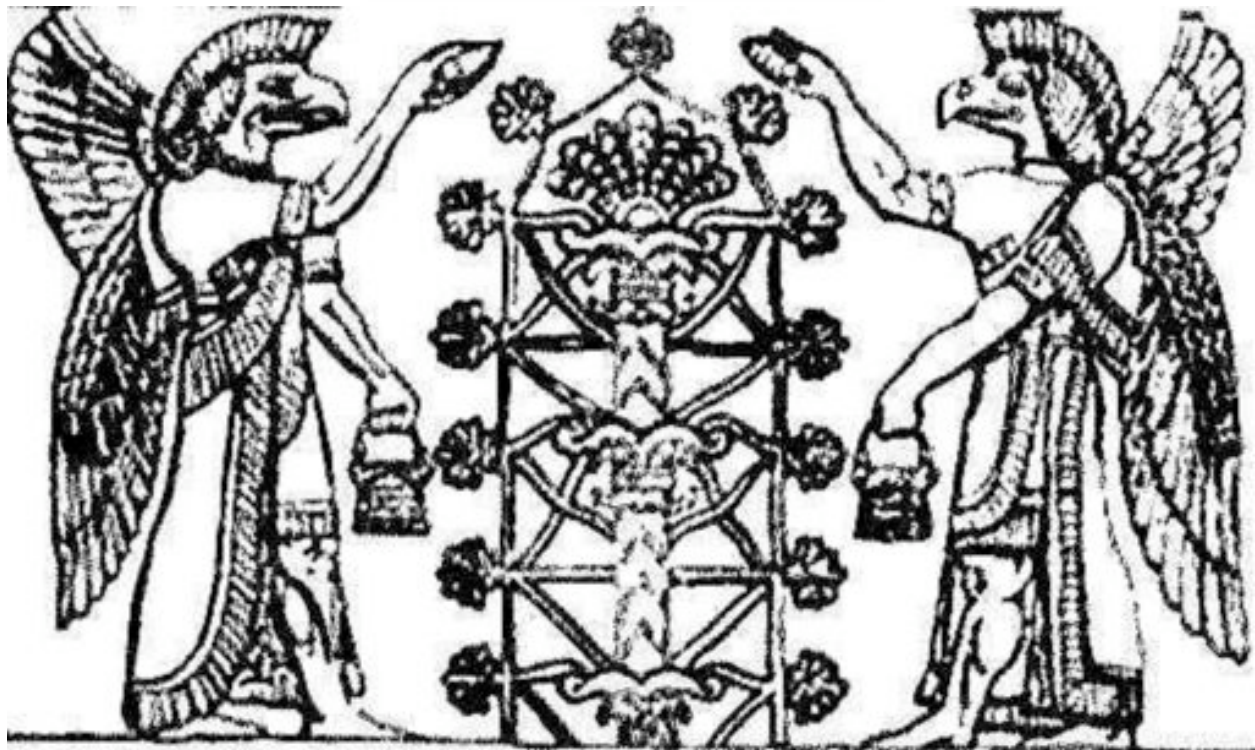
The depiction of TIAMAT as a dragon-constellation plays in also to the origin of the 12 mansions of the zodiac having derived from the 12 planets of Sumer, including both TIAMAT and MARDUK (Nibiru). In the Enuma Elish and the Book of Enki, the chain of events is described such that TIAMAT was, once, a predecessor of earth. By an inter-planetary collision with another heavenly body, TIAMAT was torn into the asteroid belt, the present earth, and our moon. In the above cylinder seal engraving we see “Sin,” the moon-God facing toward MARDUK, in the same position as TIAMAT, because the moon, KINGU, was, according to the Sumerian myths, at that time still attached to TIAMAT. The Sumerian Book of Enki and the Babylonian Enuma Elish are at odds with one another as to the name of the “cosmic avenger” who slew TIAMAT and liberated Sin or Ki, our moon. The Babylonian Enuma Elish names MARDUK the Destroyer. The Book of Enki has the name as Nibiru, meaning “the crossing.” Ultimately, the name of the heavenly body that struck and destroyed the proto-earth, TIAMAT, is less important than the fact of the act itself. Let us consider further what it meant for TIAMAT to have been destroyed and its parts scattered across the asteroid belt, the moon and our own planet. It is written in the Book of Enki that it was also a close miss by Nibiru with earth that caused the deluge. The traditional depiction of MARDUK and TIAMAT’s battle from Assyrian-era regions is notably unique from the Babylonian. TIAMAT was usually depicted as a winged dragon in the south, & a snake in the north.



Compare Assyrian Ashurnasirpal to Babylonian Ishtar Gate versions of TIAMAT.



However, whether we measure the visage and appearance of TIAMAT as either a winged dragon or as a serpent with legs, the moral of the fable is simply that TIAMAT possessed what Nibiru or MARDUK himself identified as the “seed of life.” Thus, it is in the guise of TIAMAT we find the later visages of the priests of Tehuti-Thoth, called “Trismegestos” in Greek and NIN.GISH.ZIDDA in Sumerian, as they tinker with what appears to us today most familiar now as the double-helix of DNA. Of course, as any student of Tantric Buddhism or of the Kabbalistical Zohar will recognize, the “tree” diagram on which the TIAMAT-robed figures of the priest-kings of Thoth seem to be operating is actually much more complex than merely the Caduceus of Hermes. It is, in point of fact, a hyper-shape, or meta-form, comprised of a conjoined hyper-tetrahedron (a stelloctahedron) with a hypercube (or tesseract), essentially representing the 7 nerve-plexi and gangliae of the human “chakras” surrounded by the 10 Sefirot emanations of the Tree of Life, according to ha QBLH as it has been handed down from the time of Raziel, the dark-faced Angel who comforted Adam in the river of Gihon, and who handed down to him the Book of Life Adam had kept with him in Eden.



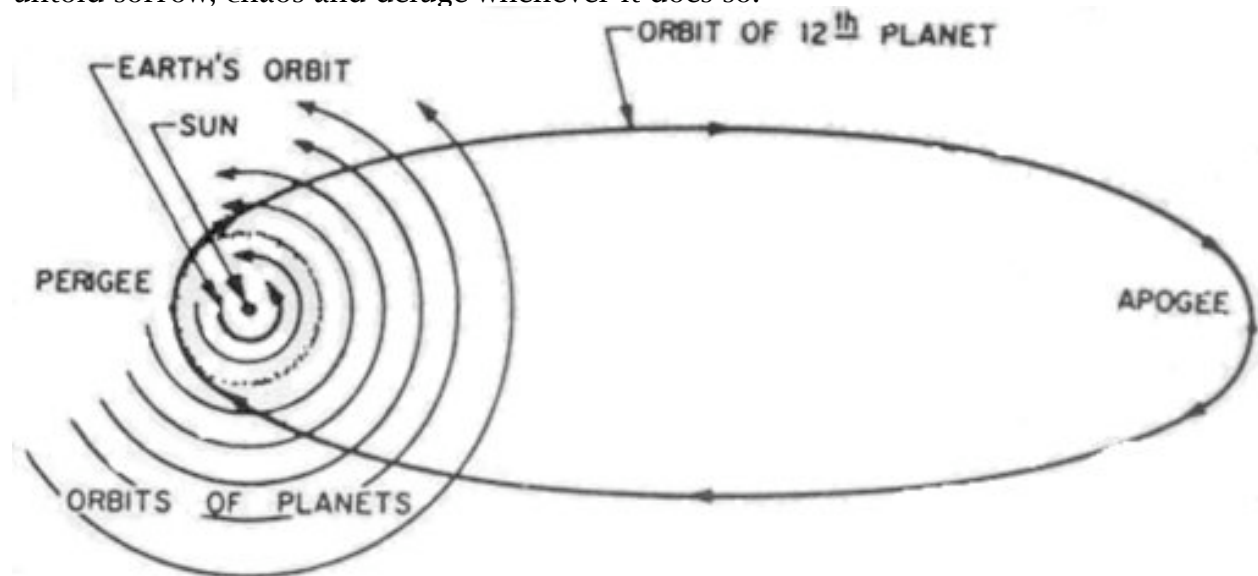
In truth, TIAMAT's role as the demon-mother of the 11 moons or "Tablet of Destiny" and as the bride of KINGU, our own moon, is most closely akin to that of the terrible "South-West wind" demon or evil-genie, PAZUZU, the tempter of Adapa while he was fishing, who knocked him off his boat, and whom Adapa cursed. According to this Sumerian legend, Pazuzu, the wind whom Adapa had cursed, appealed the matter before the Annunaki, and when Adapa was, himself, brought to Nibiru, Pazuzu was able to achieve his revenge by having tricked ENKI into convincing Adapa not to eat or drink the food and water of eternal life. Thus, according to the Sumerians, it is for this reason that mankind grows older, gets sick, and dies to this very day.



chapt 2: Nibiru and Tiamat

Yet what, in all seriousness, are we looking at here? Does the Babylonian Enuma Elish really describe a war in the heavens between the planets of our solar system, as the Sumerian Book of Enki elaborates? If these records from our own ancient history describe a cyclical astronomical event, what can we, now, in our time, learn from it?

According to the modern scientific calculations that have been extrapolated from the ancient Sumerian myths, an argument can be made for a 12th planet and / or a brown-dwarf "Nemesis" star. According to these mathematical projections, this celestial body enters earth's immediate orbital area once every 3600 years, causing untold sorrow, chaos and deluge whenever it does so.



Note this diagram shows Nibiru entering an orbit opposite the other planets.

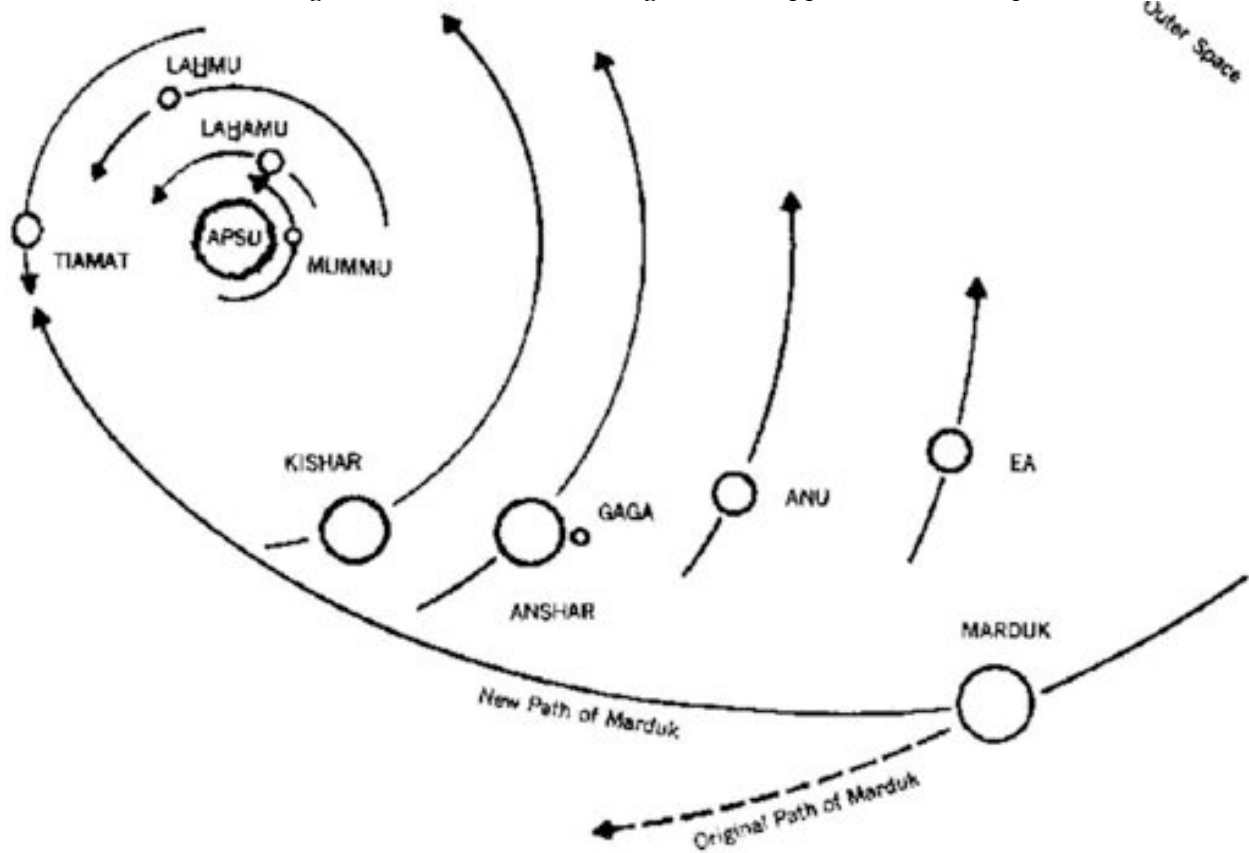
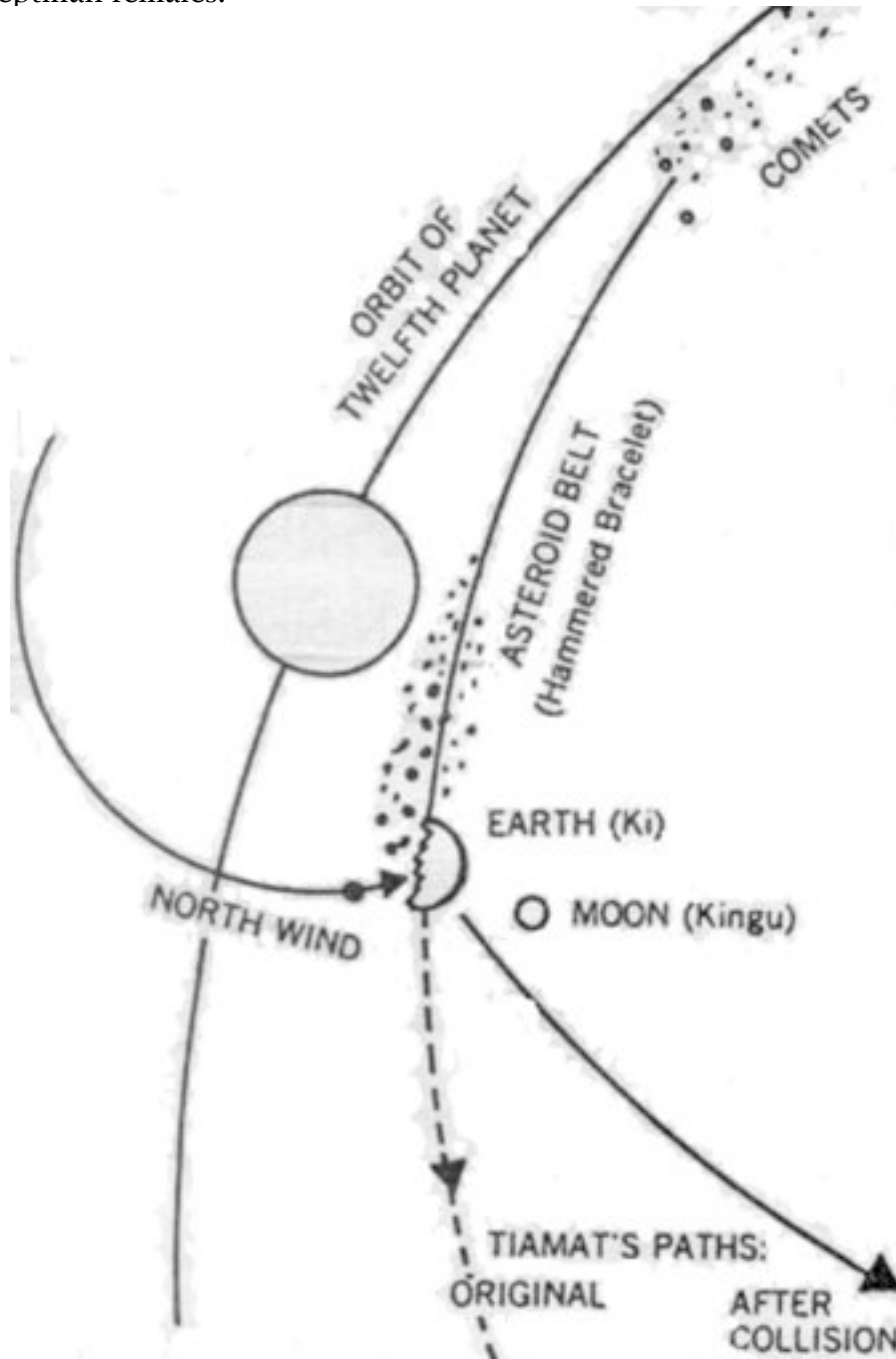


Fig. 106

According to the mythology of ancient Sumer, once the planet TIAMAT was struck by the planet NIBIRU, also later called MARDUK. While TIAMAT would break apart to form earth, KINGU - our moon, and the asteroid belt, the other planet, Nibiru / Marduk would, according to the letter of the legend, go on to spawn the lifeforms later known to the Sumerians as the Annunaki, and depicted by them as long-skulled males and reptilian females.

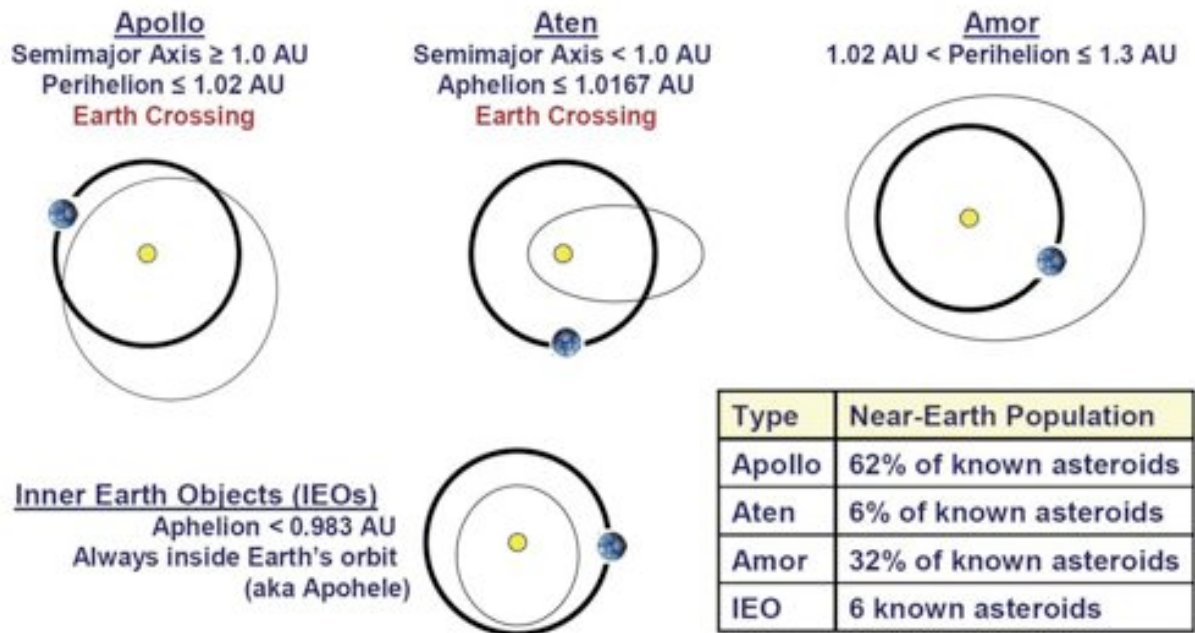


According to the Enuma Elish of Babylon, and to a much greater extent, to Sumer's Book of Enki, the order of the planetary bodies in the heavens was different prior to and after the event of Nibiru / Marduk's collision with TIAMAT. The collision shook up the entire solar system, and in addition to shattering planets, gave birth to new ones as well. Following we shall see my own diagram depicting this, based on Enki.

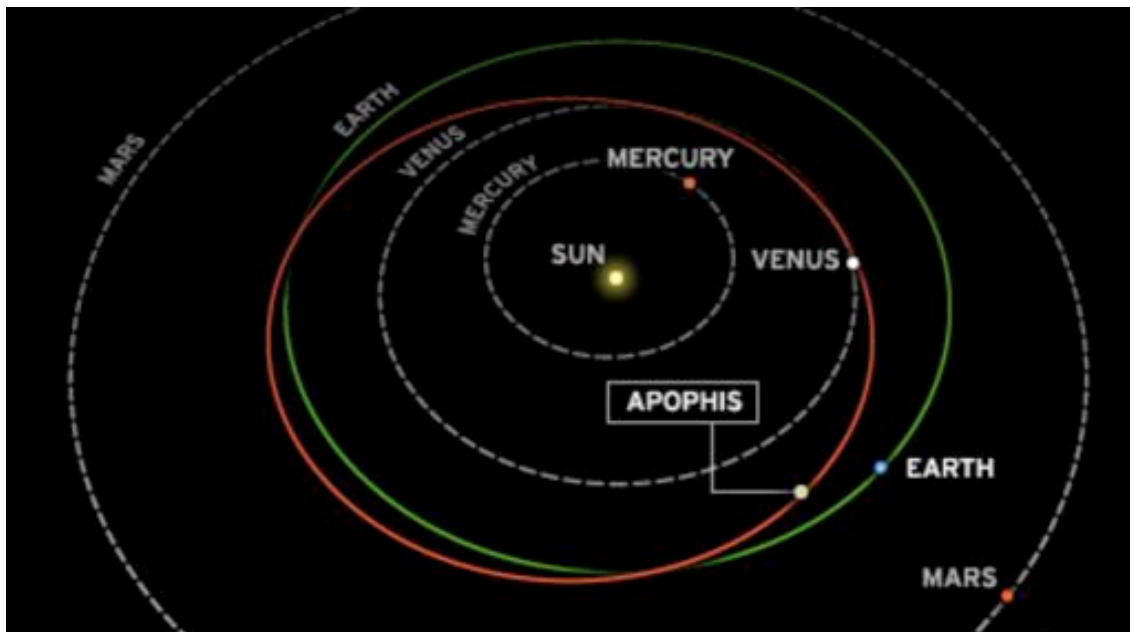
section 4: Apophis & Nibiru

chapt 1: Apophis in 2029

There are, for the first thing, 4 different types of asteroids. We can see from comparing this chart to the supposedly Sumerian account given in Sitchin's translation of the Book of Enki describing Nibiru that it would be an "Aten" form of asteroid, meteor or planetoid. This makes up only 6% of known asteroids.



Thus, the 350 meter asteroid 99942 Apophis is an even less rare form of asteroid, an "Apollo" type, which comprises 62% of all known. Apophis, known as Apep in Egypt, was the serpent form of Set-Typhon that battled the cat form of Ra or hawk of Horus.

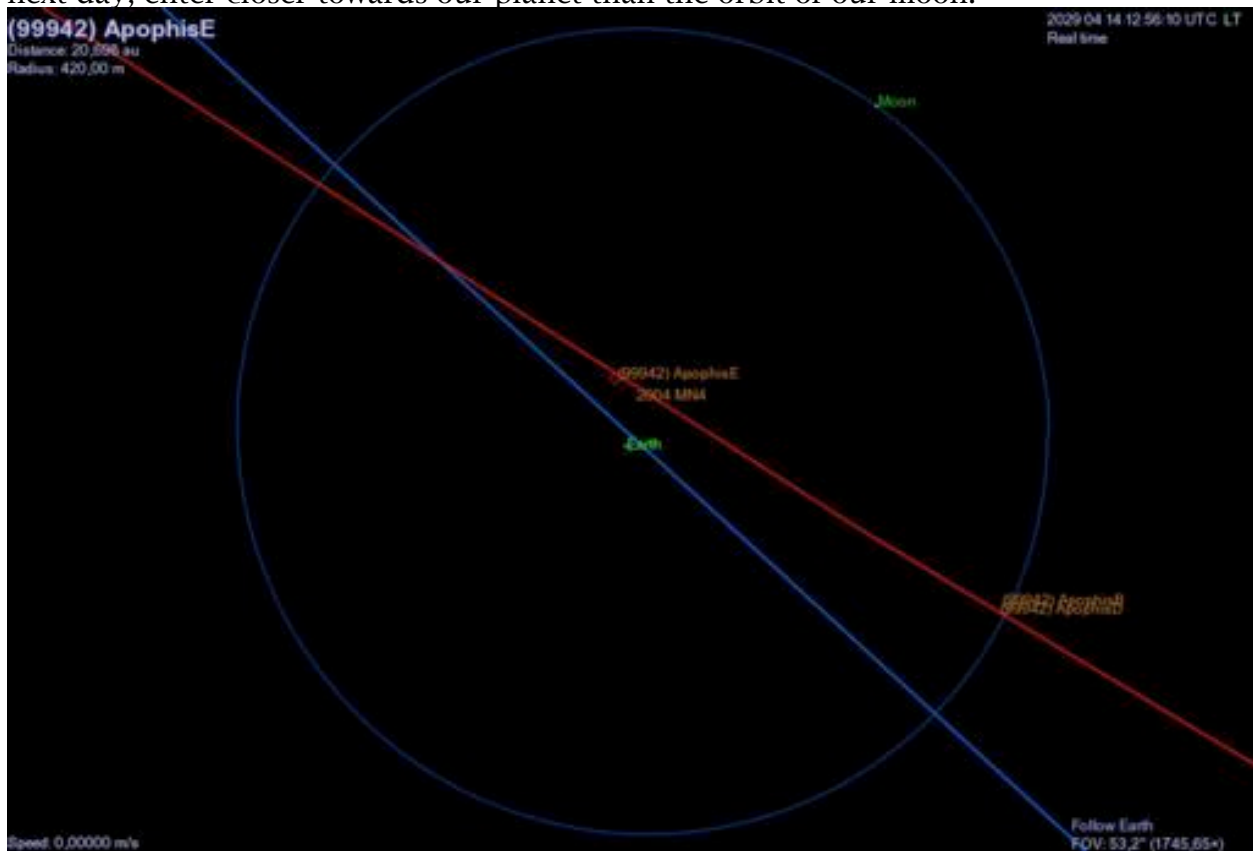




Early estimates of a potential collision of 99942 Apophis in 2029, when it might pass through a “keyhole” (weaving between the earth and moon) and redirect itself into a collision in 2036, were grossly mis-estimated. Consider that the released data refer to the possible path of collision in 2036, and debunk this based on the projected 2029 date being merely a “near miss.” This date, given in the official data is April 13, 2029. If time stopped on that date, the collision would only be a near-miss. However as we see by continuing to apply the same collision-prediction estimation software as used in the primary data, we see a disastrous event lining up to occur in our near future.

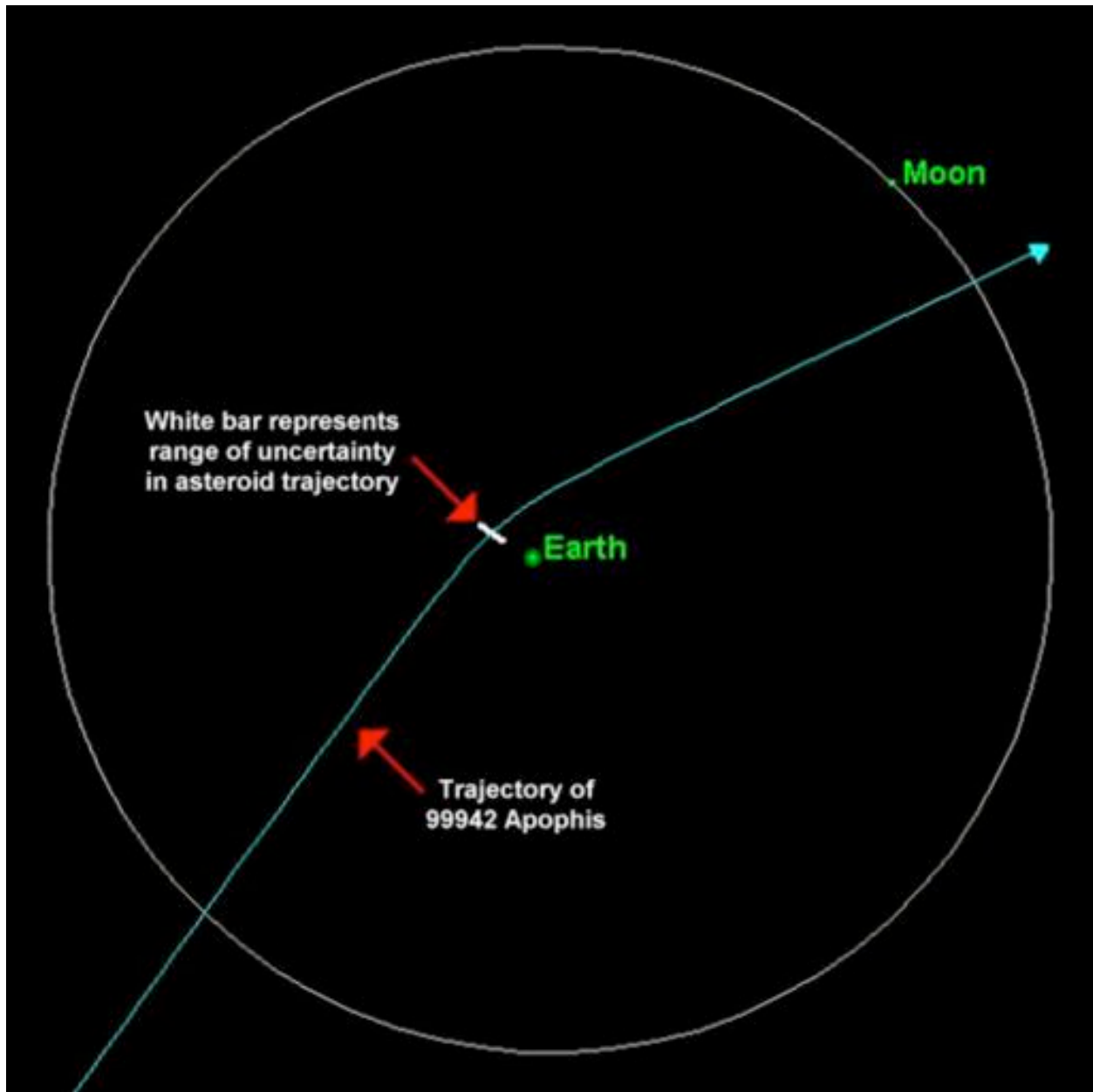


As we saw on April 13th, 2029, the asteroid Apophis will approach us and will, the next day, enter closer towards our planet than the orbit of our moon.



By my own calculations using this software, I was able to safely adjust the date of most likely collision from the near-miss in 2036 scenario to the very real dead-hit on April 15, 2029. This data is no joke, folks. This collision would mean the destruction of our planet and the death of all life on it. It is important that we take steps to prepare.





In 2029, 99942 Apophis will come within 0.0044 AU of the earth or, in short, about 1&1/2 times closer to our home-planet than the orbit of our own moon.

Plans have been announced publically to retool a Deep Impact satellite mission to experiment with nudging Comet Hartley 2 in 2010 as a test to push Apophis when it approaches us for the last time prior to its final “kill-shot” sneak-attack from behind in 2029.

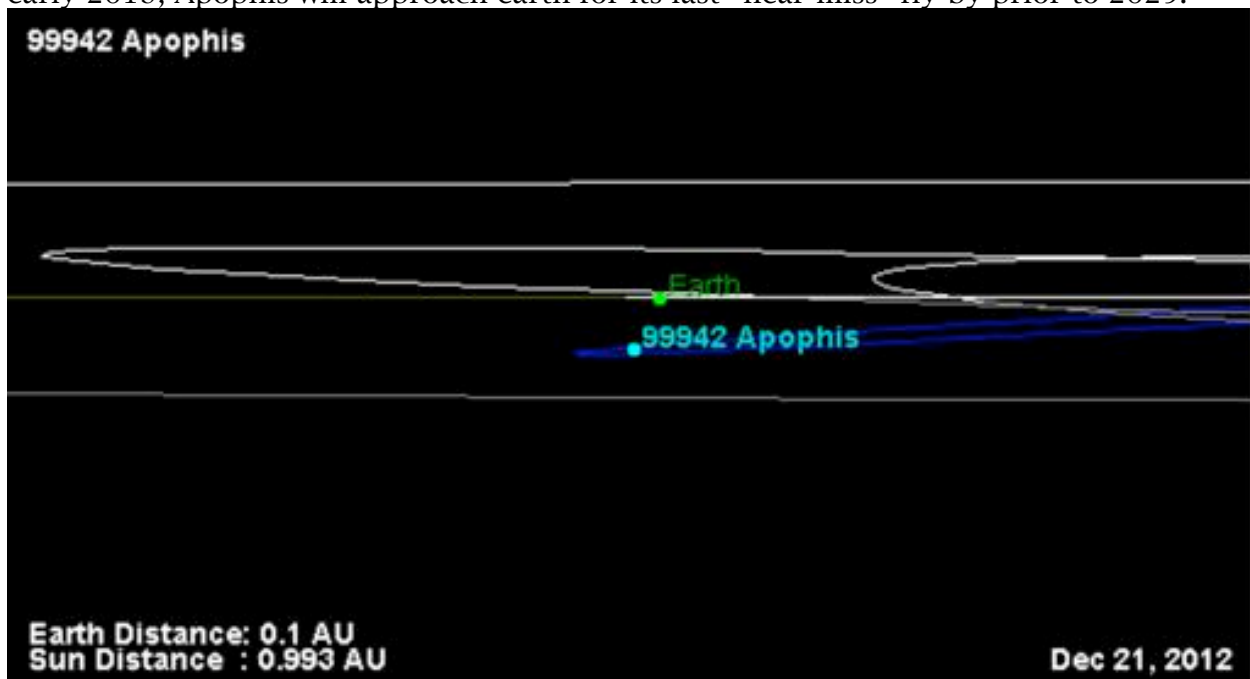
The predicted impact risk of 99942 Apophis “skipping across” earth’s surface, as it was predicted could occur in 2036, is estimated as being 148 times the force that resulted in the devastation to Tunguska, Russia that equalled 1,480 meagtons of TNT. However the “kill-shot” in 2029 will be a direct, head-on collision (albeit by Apophis “catching up to us” from “behind us” in our orbit), not a “skip across” or near-miss.



Although we can only guess by applying the out-dated 2036 collision-model, we can say that, based on it, 99942 Apophis will rip across a narrow corridor a few miles wide, called the path of risk, which begins just off the Ivory Coast of Africa, crosses the Atlantic ocean, then Venezuela and northern Columbia, passes right between Nicaragua and Cosat Rica, crosses the north Pacific, all of Siberia, and terminates in the area of south-western Russia.

chapt 2: Apophis in 2012

So how can we try to avoid this terrible event in 2029? There is hope. In late 2012 & early 2013, Apophis will approach earth for its last “near-miss” fly-by prior to 2029.

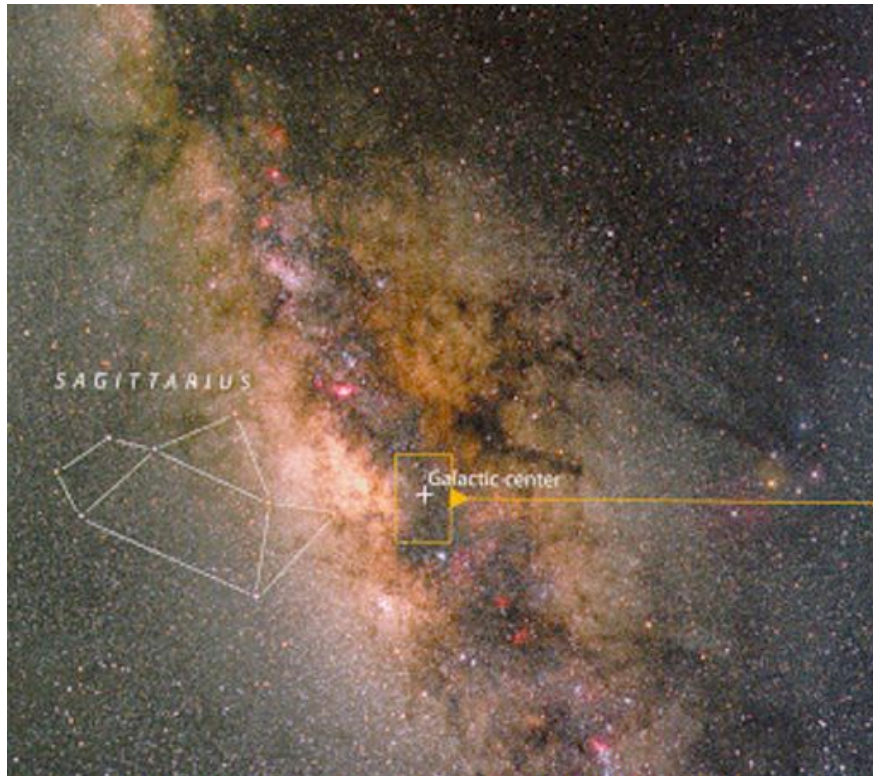


chapt 3: 2012 and galactic alignment



There are many depictions for the constellation of Sagittarius in the terran equatorial or "tropical" Zodiac. My preferred version is the standard arrangements of lines and dots representing the "stick figure" of the ideogram as it appears "between" the stars in its assigned region of the sky. It is a wonder that, just as no one can be credited with inventing the wheel, neither can anyone be given credit for inventing the constellations of the tropical zodiac. Of course, the mythologies of the equatorial regions of earth are replete with Zodiac myths, just as the N. Pole dwellers tell of "Hyperboreans" and the S. hemisphere dwellers describe the N. hemisphere constellations as pyramids aligned "upside down" to them. Sagittarius occurs nearly at "apogee" point, or rather, the "aphelion" point in earth's orbit when it is furthest from the sun. This is because now Sagittarius aligns with the sun when it rises in winter.

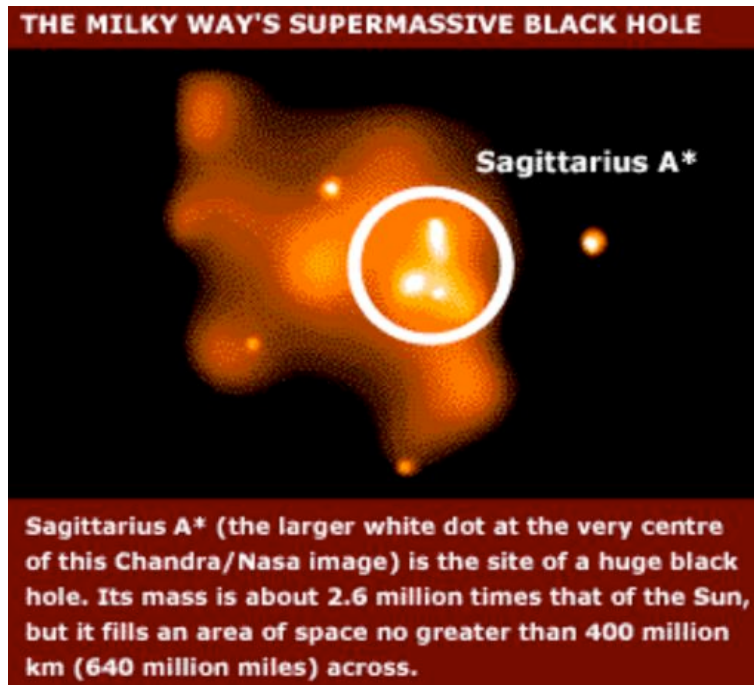
The meaning of the Sagittarius constellation is quite clear: it is a centaur (with the lower half of a horse) and an archer (carrying a bow and arrow) because he, too, represents a mid-point, or crossing over, from earth's journey further away from the sun, and its beginning of the return journey towards the sun's warming rays. Sagittarius, the centaur archer, is the mid-point between Caput and Cauda Draconis, just as Pisces (the twin fish) is now the sign of sunrise in the Summer.



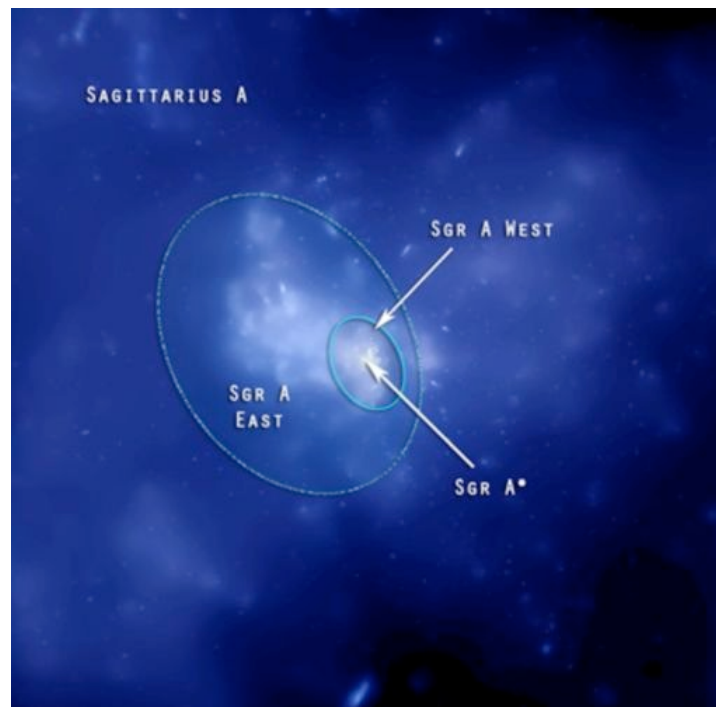
In this picture of the starry night sky, we see the constellation of Sagittarius' "bow" outlined on the left, and in the middle of the picture we find labeled "galactic core." The central bulge of the Milky Way can clearly be seen oriented at about a 36° angle from the uppermost tip of Sagittarius' "arrow". The edge of the "Milky Way," so named for appearing like a bright white river through the night sky, is clearly divided along this "river's" centre, as the "lip" at the "edge" of the Milky Way.



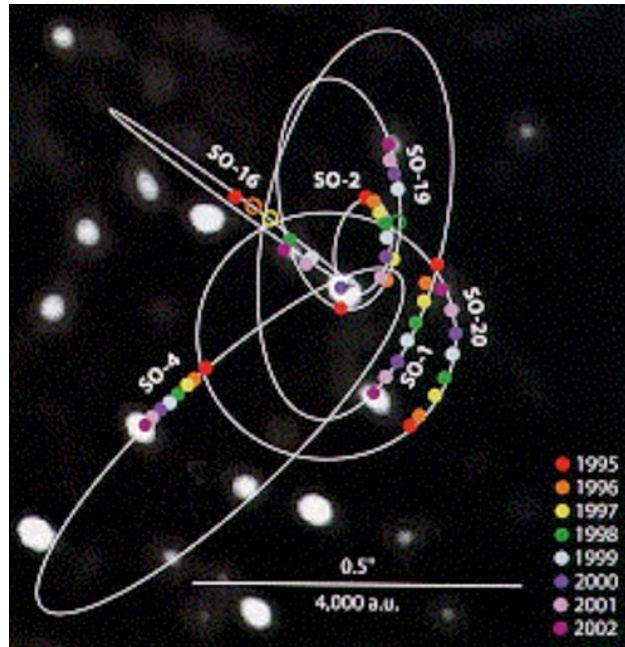
Here is another diagram by John Major Jenkins, from his work "Maya Cosmogenesis," in which we see labeled the path of the sunrise on the Winter Solstice as points "A," "B," and "C," finally aligning exactly with galactic core in Sagittarius from the point of view of earth in 2012. Here he has also labeled the "Dark Rift," across the "lip" of the galaxy's "edge" that appears directly behind galactic core to us, as "Xibalba Be," the "tree at the cross-roads." This term is taken from the Mayan "Popul Vuh," a chronical of S. American mythology and history alike the monotheists' Bible.



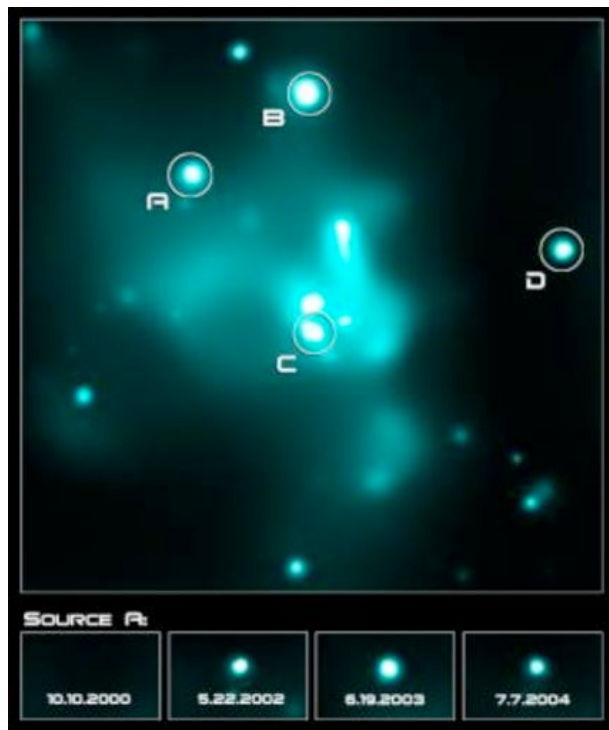
The metaphor of this "Dark Rift" as a "tree at a cross-roads" would be apt, if one considers the "road" to represent solar precession over the aeons, the "crossing" to be in 2012, and the "Dark Rift" as the location of the black hole in our galaxy's core. This black hole has not been observed directly, however the star-system closest to it is called "Sagittarius A" because it is the "first" star in the "connect-the-dot" constellation.



In 2012, the sun will eclipse the black hole at galactic core, on the point in earth's orbit when it is winter in the N. hemisphere, and summer in the S. The sun will pass across in front of the stars in Sagittarius A.

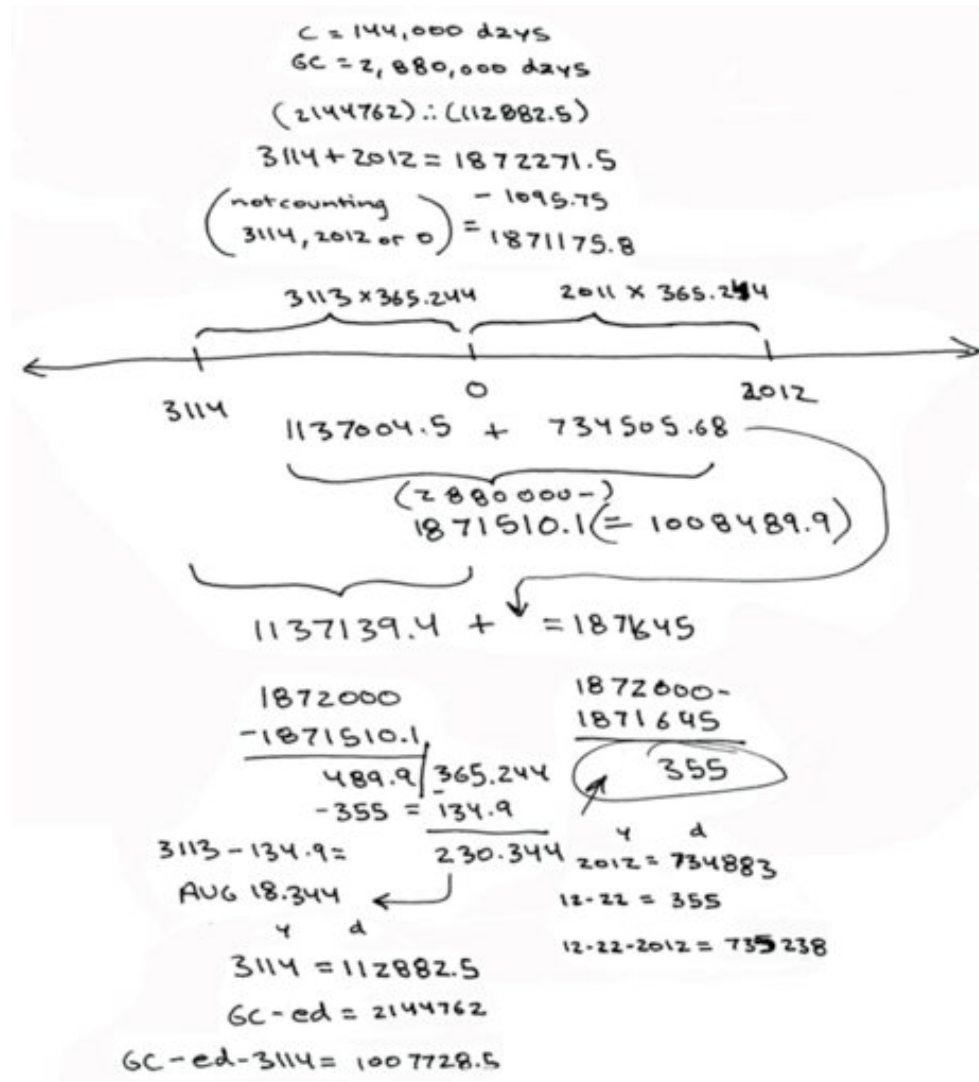


The star-system of Sagittarius A is actually quite complex. There are six separate stars in varying elliptical orbits around the presumed black hole core of the Milky Way. Because their orbital ellipses are varied, their velocities of orbit are also varied, however there is a clear gravitational centre around which they are all revolving, and presumably, into which they are perpetually being pulled, and one by one snuffed out to feed the black-hole core. In this diagram we see the positions of these stars during the years 1995 till 2002. In 2002, we received our first time-lapsed photographs of the Sagittarius A system, and the results were indeed a shock among the scientific community.



Within the Sagitarius A system, where stars ought to be expected to be dying out as they are swallowed up into the galactic core black-hole, we see what appears to be the opposite of this, an apparent star-birth event. A stellar super-nova, invisible before 2002, has begun to appear near the orbit of one of the stars in the Sagitarius A system. This event seemed to have peaked in 2003, and had begun to dim by 2004, when these results were released.

chapt 4: 2012 and Mayan prophecy



According to my calculations, the duration between the Mayan calendar start date given as Aug. 13, 3114 bce and the "end" date of Dec. 21, 2012 ce...

= 1872000 kin
 = 93600 unial
 = 5200 tun
 = 260 katun
 = 1 tonalamatl
 = 13 baktun

Appendix A: list of published resources

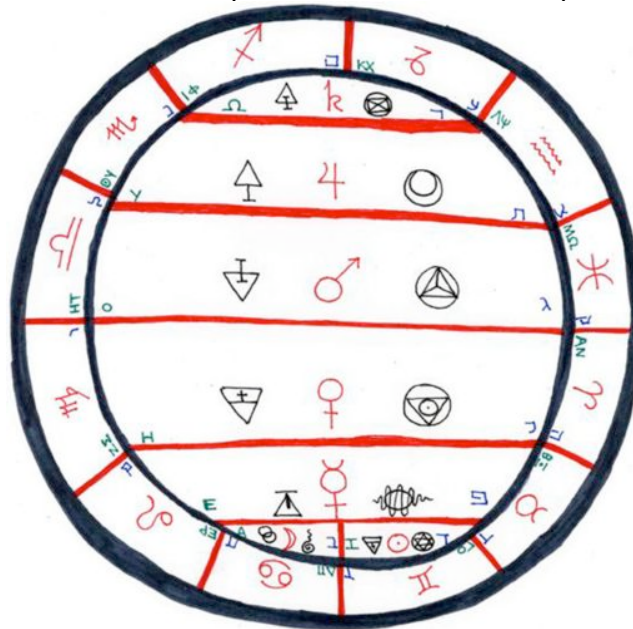
resources for information on Sumer

- 1) Necronomicon; Simon. 1977, Schlangekraft, Inc. for Avon Books, a division of the Hearst Corporatio, NY, NY.
- 2) Babylonian Genesis, the; Heidel, Alexander. 1942, Univ. of Chicago Press.
- 3) Lost Book of Enki, the; Sitchin, Zecharia. 2002, Bear & Co., Rochester, Vermont.
- 4) Ancient Iraq; Georges Roux. 1864, Penguin books (reprint), London, England.
- 5) Sumerians, the: their history, culture, and character. Kramer, Samuel Noah. 1963, Univ. of Chicago Press.

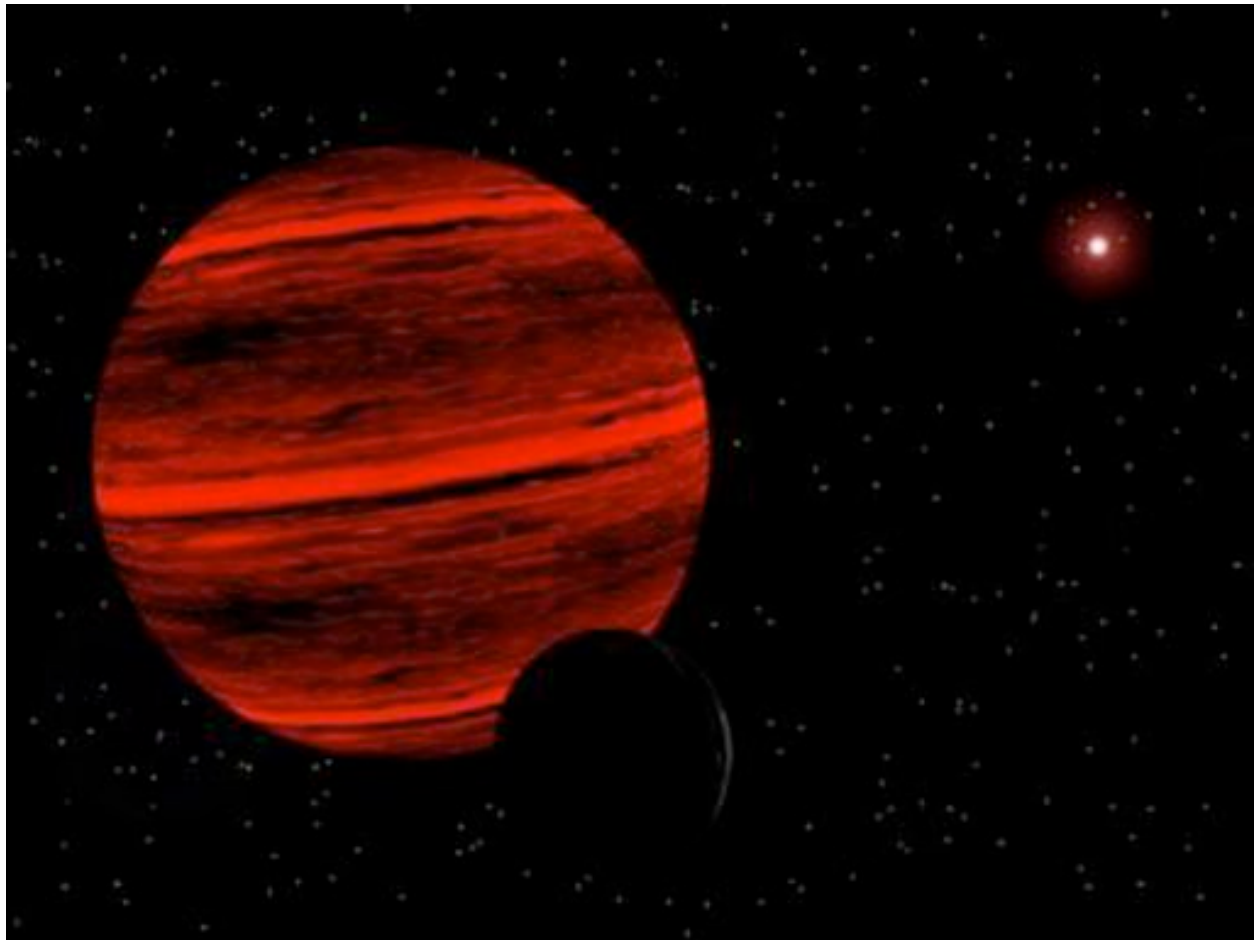
resources for information on the Maya

- 1) Popul Vuh; Tedlock, Dennis (trans.). 1996, Touchstone, Rockefeller Center, NY, NY.
- 2) Maya Hieroglyphics, and introduction to the study of the; S.G. Morley. 1975, Dover, NY, NY.
- 3) Mayan Prophecies, the; Adrian G. Gilbert w/ Maurice M. Cotterell. 1995, Element, Rockport, MA.
- 4) Maya Cosmogenesis 2012; Jenkins, John Major. 1998, Bear & Co., Rochester, VA.
- 5) Forest of Kings, A: the Untold Story of the Ancient Maya; Schele, Linda w/ Freidel, David. 1990, William Morrow & Co., NY, NY.

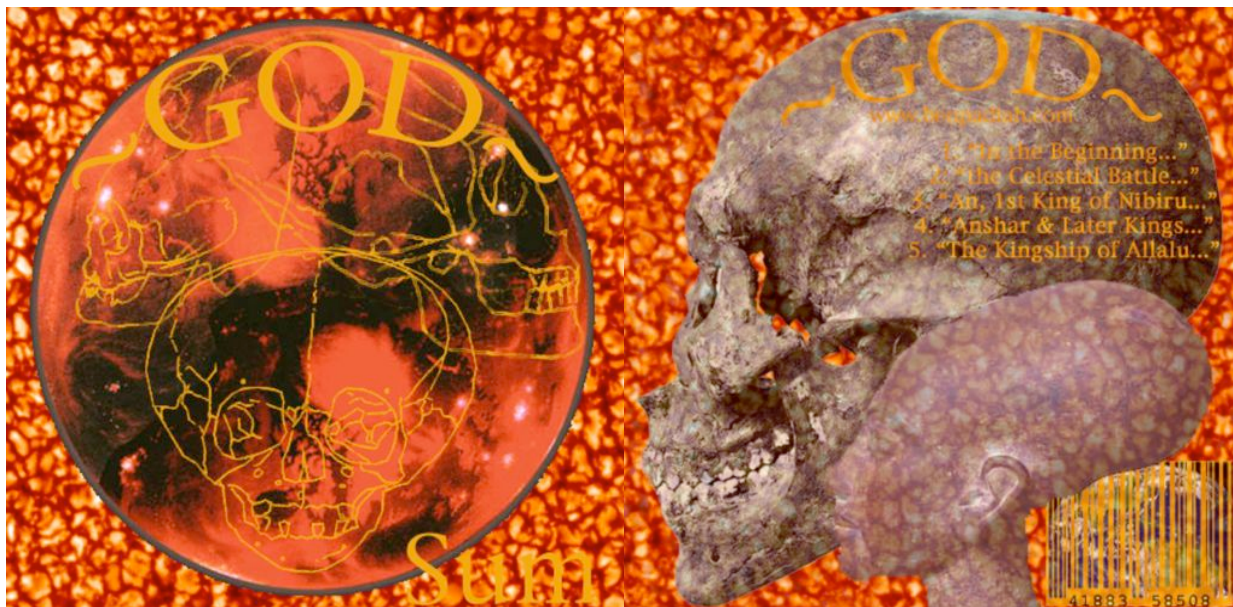
Appendix B: related publications of www.benpadiah.com



<http://www.benpadiah.com/calendar/pages/yearzero.html>

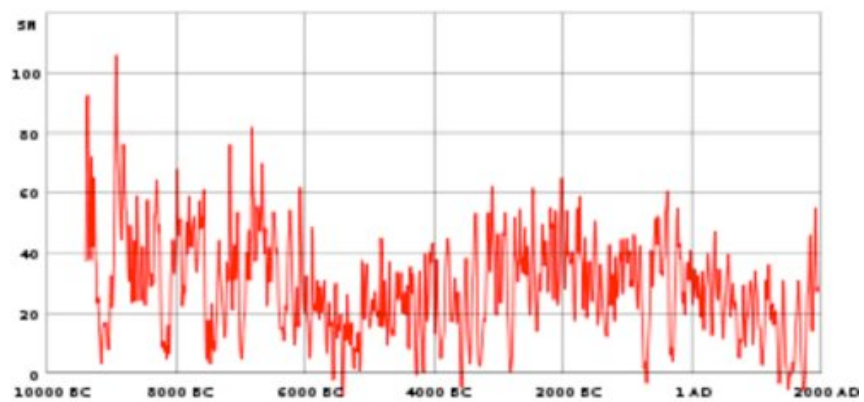
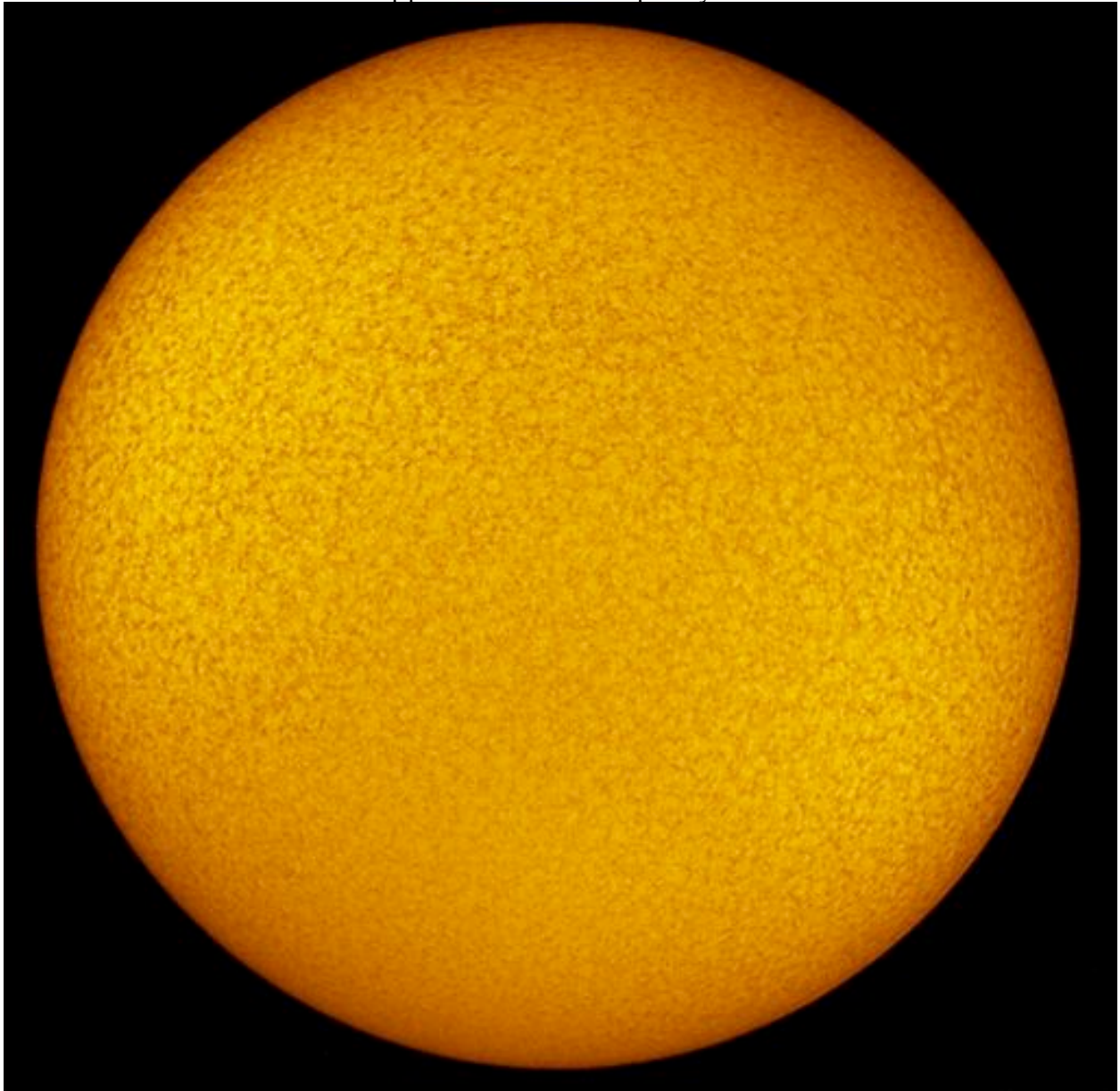


<http://www.benpadiiah.com/otherstuff/ENKI/synopses.html>



<http://www.benpadiiah.com/GOD/pages/Sum.html>

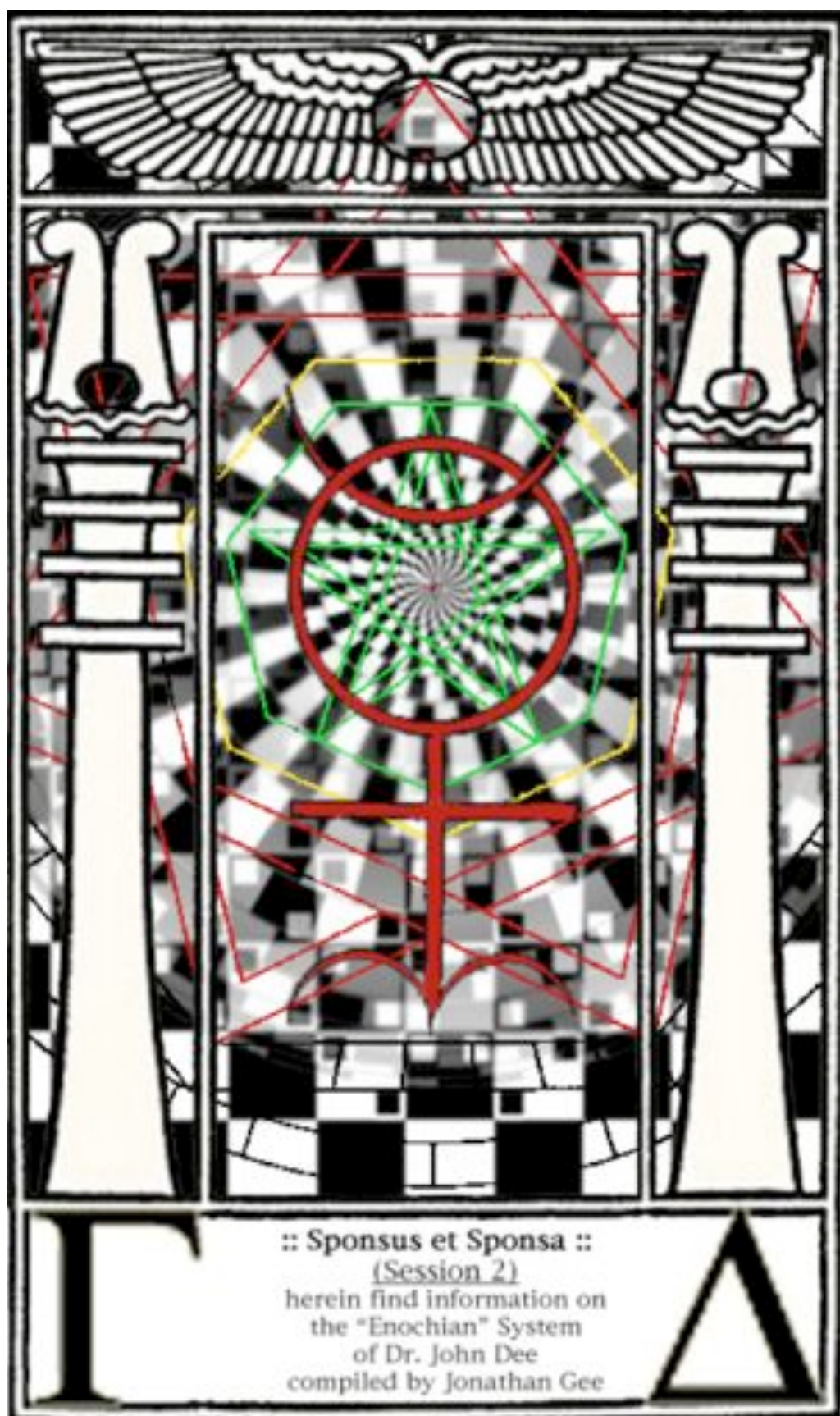
Appendix C: the sunspot cycle

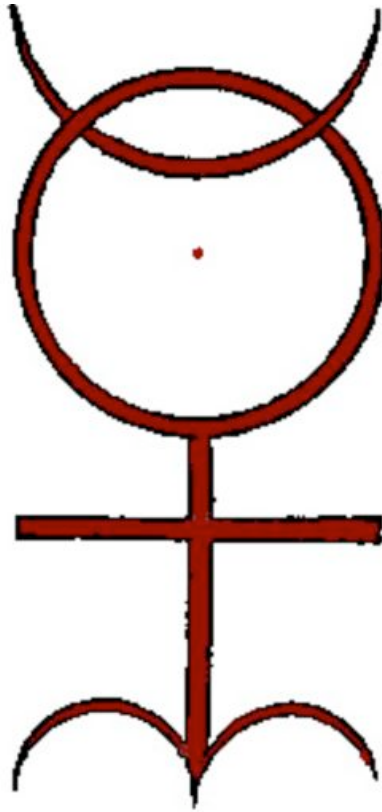


Appendix D: the 2009 Jupiter impact event









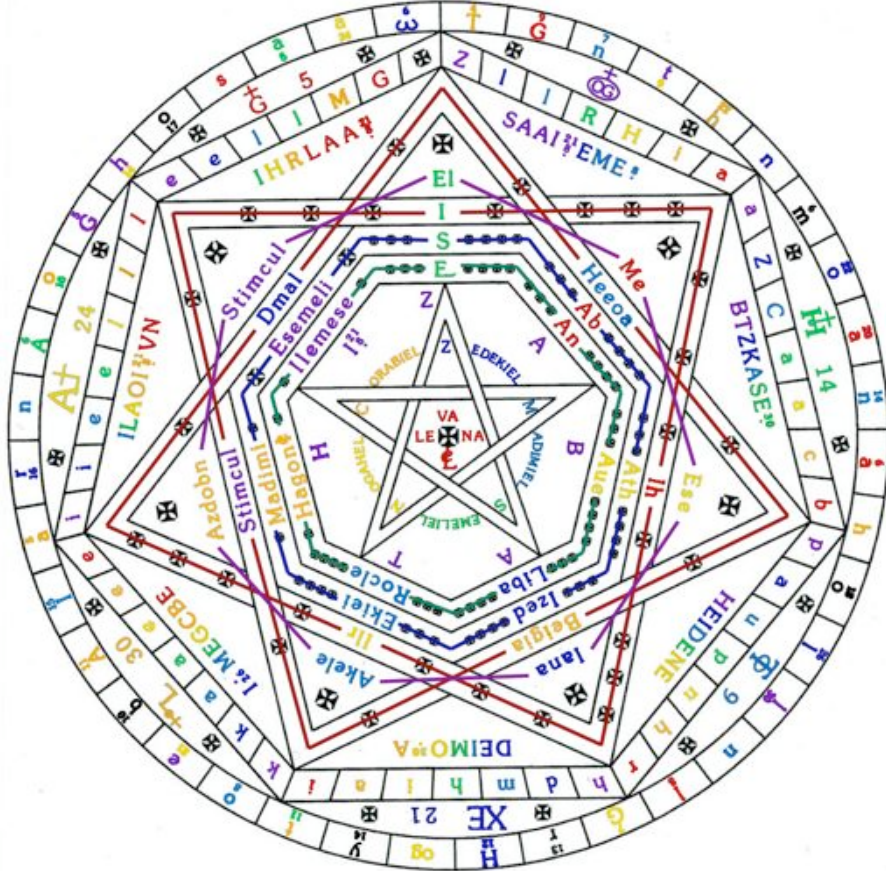
John Dee
(1527 - 1608)

Arguably, without John Dee, there would be no existing tradition of mystery schools in the west, and the last embers of Hermetic Neo-Platonism would have been squelched in an unending inquisition. John Dee, by creating a Protestant Anglican system of Theurgy (angel-magick) to counter the Catholic Orders and Choirs of angels and saints, effectively turned the tide of the late Renaissance, when Michaelangelo painted the Sistine Chapel, into the flood of the early Enlightenment, when DesCartes reigned and Isaac Newton ruled. Without John Dee's public performances of his angel-magick before the court of Holy Roman Emperor Rudolph II, the practise of ceremonial ritual magick would have been snuffed out between the last Templar Knights and the earliest Rosicrucians; for the spark of Dee's "hieroglyphic monad" (depicted above) would ignite the wild-fire of Cabalists on the European continent that would eventually enfuse the Golden Dawn. Without the contributions to this underground "current," the counter-cultural movement of ritual magick could not have developed into the high science of Masonry, and instead of the three degrees of the Lodge, we would have only the three questions, whose fire alone lit the Dark Ages.

According to Dr. Robert Hooke (1635 - 1703), all of Dee's alledged "angel-magick" was a highly encrypted account of inter-Vatican intelligence, although, according to Gabriel Naude (1600 - 1653), Dee was actually a Catholic Franciscan. The debate whether Dee was a magician or a mathematician largely depends on who he was around at the time, but the veracity of Dee's use of occult esoterica is undeniably a *magnum opus* in the fields of both. Its originally intended use may remain a matter of debate for years to come, however those who have worked with this system, and those who have worked on the system, will know from experience Dee's "Enochian" system can serve as a skeletal frame-work for a method of measurement which is truly cosmic in porportion.

- Jonathan Barlow Gee
(Monday, Sept. 1, 2008)

Sigilum Dei Aemeth



(planetary color code)

Saturn, Jupiter, Mars, Sol, Venus, Mercury, Luna

$$\begin{array}{cccccc} 9 & 6 & 1 & 20 & 8 & \\ \hline G & a & 8 & a & a & s \end{array} = \text{Galas } G^{\dagger 5}$$

$$\begin{array}{cccccc} 7 & e & t & h & & \\ \hline G & 21 & 9 & 14 & o g & \end{array} = \text{Gethog } A^{\dagger 24}$$

Z l l R H i a
a Z C a a c b
p a u p n h r
h d m h i a i
k k a a e e e
i i e e l l l
e e l l M G

(outermost heptagon)

$$\begin{array}{cccccc} 4 & 22 & 11 & a & o & t \\ \hline T & h & A & 5 & 10 & 11 & h \end{array} = \text{Thaoth } \text{H}^{\dagger 30}$$

$$\begin{array}{cccccc} H & 22 & R & 26 & 6 & \\ \hline 12 & o & 16 & l & W & n \end{array} = \text{Horlwn } X^{\dagger 21}$$

$$\begin{array}{cccccc} 15 & 7 & 14 & o & & \\ \hline I & n & n & 8 & n & \end{array} = \text{Innon } \text{I}^{\dagger 9}$$

$$\begin{array}{cccccc} 6 & a & o & T & & \\ \hline A & 5 & 10 & 11 & h & \end{array} = \text{Aaoth } \text{H}^{\dagger 14}$$

$$\begin{array}{cccccc} 5 & a & l & e & t & h \\ \hline G & 24 & 30 & 21 & 9 & 14 & o g \end{array} = \text{Galethog } \text{G}^{\dagger}$$

(outermost circle)

(#/A) = c/w | c\c/w = (A/#)

S A A ²/₄ E M E.
B T Z K A S E.
H E I D E N E
D E I M O L A
L M E G C B E
I L A O I ²/₄ V N
I H R L A A L ²/₄

(interior to
outermost heptagon)

(2nd or middle heptagon)
(4) Daughters of Daughters:

S A A I E M E
B T Z K A S E
H E I D E N E
D E I M O L A
I M E G C B E
I L A O I V N
I H R L A A L

(interior to points of heptagram)
(1) Daughters of Light:

S A A I E M E
B T Z K A S E
H E I D E N E
D E I M O L A
I M E G C B E
I L A O I V N
I H R L A A L

S A A I E M E
B T Z K A S E
H E I D E N E
D E I M O L A
I M E G C B E
I L A O I V N
I H R L A A L

S A A I E M E
B T Z K A S E
H E I D E N E
D E I M O L A
I M E G C B E
I L A O I V N
I H R L A A L

(2) Sons of Light:
(heptagram)

(3) Sons of Sons:
(innermost heptagon)

Sol, Luna, Venus, Jupiter, Mars, Mercury, Saturn

(1) Filiae Bonitatis or Filiolae Lucis: Daughters of Light:

E or IL, ME, ESE, IANA, AKELE, AZDOBN, STIMCUL

(2) Filii Lucis :: Sons of Light:

I, IH, ILR, DMAL, HEEOA, BEIGIA, STIMCUL

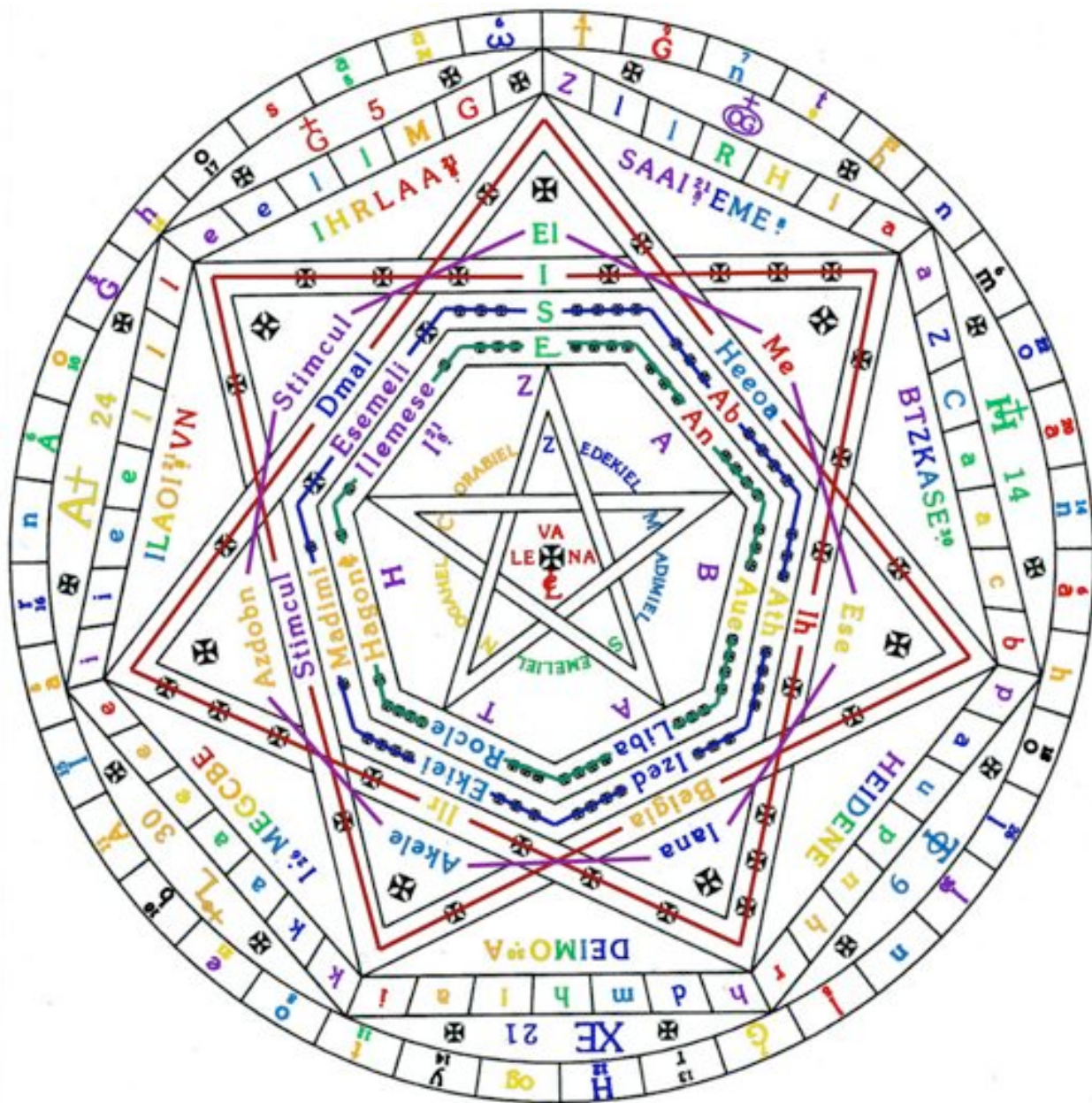
(3) Filiae Filiorum Lucis:: Sons of Sons:

E or IL, AN, AVE, LIBA, ROCLE, HAGONEL, ILEMESE

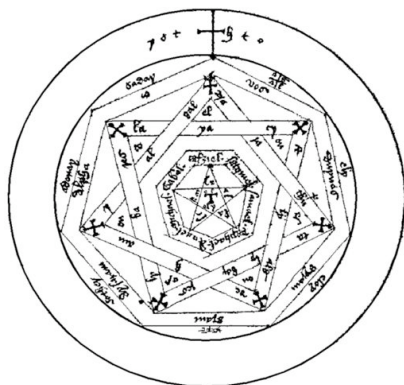
(4) Filiae Filiolae Lucis:: Daughters of Daughters:

S, AB, ATH, IZED, EKIEI, MADIMI, ESEMELI

	(1)	(2)	(3)	(4)
Sol::	E	I	E	S
Luna::	ME	IH	AN	AB
Venus::	ESE	ILR	AVE	ATH
Jupiter::	IANA	DMAL	LIBA	IZED
Mars::	AKELE	HEEOA	ROCLE	EKIEI
Mercury::	AZDOBN	BEIGIA	HAGONEL	MADIMI
Saturn::	STIMCUL	STIMCUL	ILEMESE	ESEMELI



7 versions of the
Sigilum Dei Aemeth



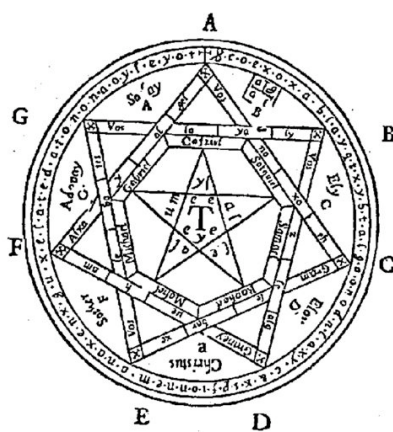
Honorius (SI313)



Honorius (SI3852)



Dee (1590s)



Kircher (1652)



Latin Solomon
(BodAubrey24/60r)

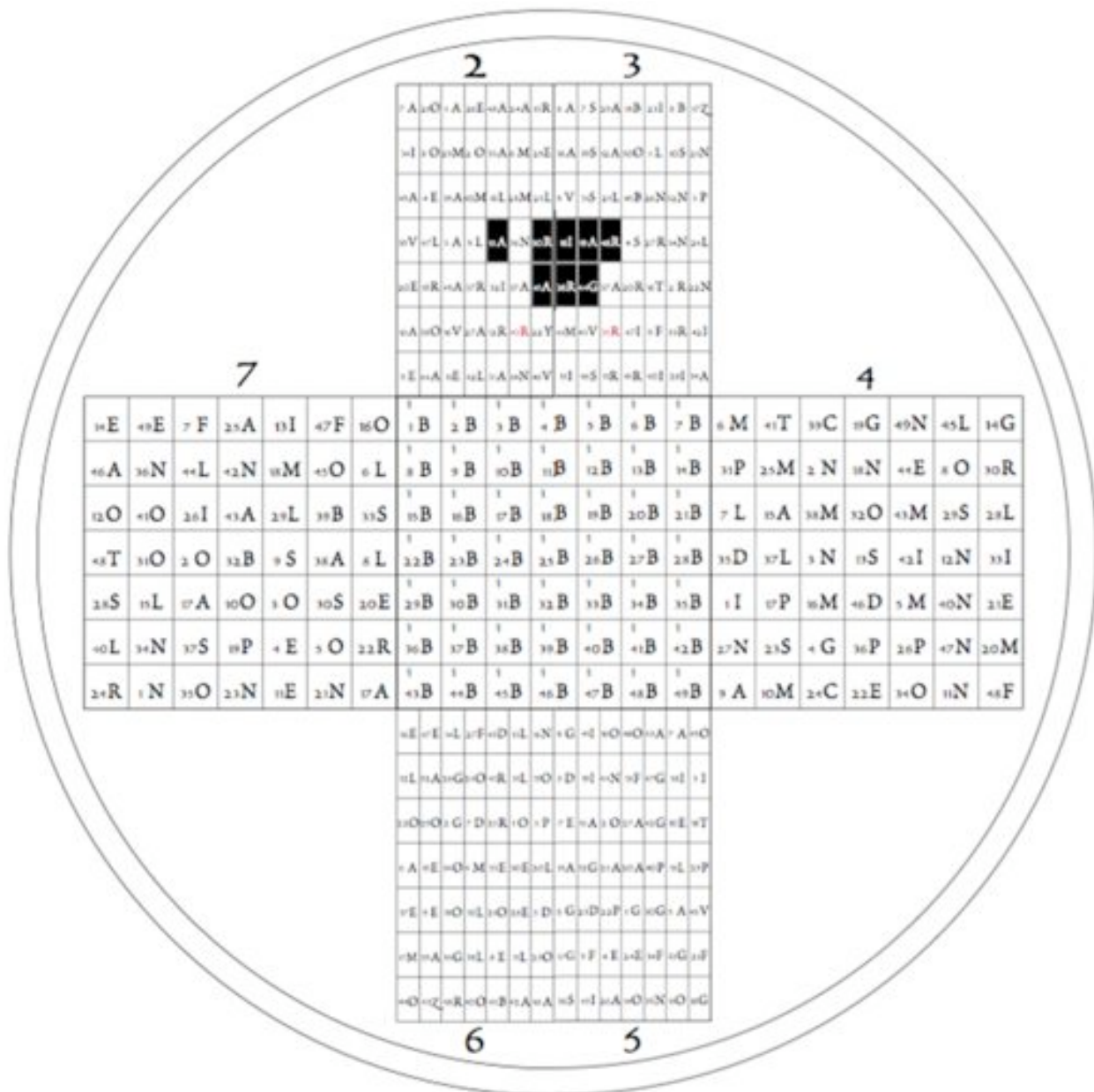


Italian Solomon
(BodMich276)



Peuckert (Berlin 1956)

Bonorum



*completed arrangement of all seven tables
from which the Bonorum were derived*

following please find **tables 2-7**
enlarged for easier divination
excluding table 1
which is only the letter "B"

2

3

7 A	21 O	1 A	26 E	48 A	24 A	13 R	6 A	7 S	29 A	15 B	23 I	8 B	17 Z
34 I	8 O	29 M	2 O	33 A	6 M	25 E	36 A	39 S	12 A	30 O	1 L	10 S	21 N
49 A	4 E	35 A	40 M	18 L	28 M	23 L	5 V	31 S	25 L	45 B	26 N	32 N	3 P
39 V	47 L	3 A	5 L	15 A	36 N	30 R	18 I	19 A	48 R	4 S	27 R	34 N	24 L
20 E	19 R	45 A	37 R	32 I	17 A	41 A	38 R	44 G	37 A	20 R	16 T	2 R	22 N
10 A	38 O	16 V	27 A	12 R	43 R	22 Y	49 M	43 V	35 R	47 I	9 F	33 R	42 I
9 E	44 A	11 E	42 L	31 A	14 N	46 V	13 I	46 S	11 R	41 R	40 I	28 I	14 A

4

6 M	41 T	39 C	19 G	49 N	45 L	14 G
31 P	25 M	2 N	18 N	44 E	8 O	30 R
7 L	15 A	38 M	32 O	43 M	29 S	28 L
35 D	37 L	3 N	13 S	42 I	12 N	33 I
1 I	17 P	16 M	46 D	5 M	40 N	21 E
27 N	23 S	4 G	36 P	26 P	47 N	20 M
9 A	10 M	24 C	22 E	34 O	11 N	48 F

36E	47E	14L	27F	49D	13L	16N	8 G	41I	16O	48O	43A	7 A	49O
12L	32A	26G	24O	41R	31L	19O	3 D	19I	44N	13F	47G	38I	3 I
22O	29O	2 G	7 D	25R	1 O	5 P	7 E	15A	2 O	27A	42G	10E	18T
6 A	15E	34O	4 M	33E	30E	20L	31A	12G	25A	20A	40P	15L	29P
37E	9 E	18O	10L	21O	28E	3 D	6 G	23D	22P	1 G	30G	5 A	46V
17M	39A	35G	38L	8 E	11L	23O	37G	9 F	4 E	24E	34F	33G	21F
44O	43Z	48R	40O	45B	42A	46A	36S	45I	26A	14O	39N	11O	18G

6

5

7

14E	49E	7 F	25A	13I	47F	16O
46A	36N	44L	42N	18M	45O	6 L
12O	41O	26I	43A	29L	39B	33S
48T	31O	2 O	32B	9 S	38A	8 L
28S	15L	17A	10O	3 O	30S	20E
40L	34N	37S	19P	4 E	5 O	22R
24R	1 N	35O	23N	11E	21N	17 A

arranged here in a circle
on following two pages listed:

No	Name	Hour	Title	Day
1	Baligon	♀	King	Friday
2	Bornogo	♀	Prince	Sunday
3	Bapnido	♀	Governor	Tuesday
4	Besgeme	♀	Governor	Thursday
5	Blumapo	♀	Governor	Wednesday
6	Bmamgal	♀	Governor	Saturday
7	Basledf	♀	Governor	Monday
8	Bobogel	⊙	King	Sunday
9	Befafes	⊙	Prince	Tuesday
10	Basmelo	⊙	Governor	Thursday
11	Bernole	⊙	Governor	Wednesday
12	Branglo	⊙	Governor	Saturday
13	Brisfli	⊙	Governor	Monday
14	Bnagloe	⊙	Governor	Friday
15	Babalel	♂	King	Tuesday
16	Butmonom	♂	Prince	Thursday
17	Bazpama	♂	Governor	Wednesday
18	Blintom	♂	Governor	Saturday
19	Bragiop	♂	Governor	Monday
20	Bermale	♂	Governor	Friday
21	Bonefon	♂	Governor	Sunday
22	Bynepor	4	King	Thursday

23	Blisdon	2	Prince	Wednesday
24	Balceor	2	Governor	Saturday
25	Belmara	2	Governor	Monday
26	Benpagi	2	Governor	Friday
27	Barnafa	2	Governor	Sunday
28	Bmilges	2	Governor	Tuesday
29	Bnaspol	♀	King	Wednesday
30	Brorges	♀	Prince	Saturday
31	Baspalo	♀	Governor	Monday
32	Binodab	♀	Governor	Friday
33	Bariges	♀	Governor	Sunday
34	Binofon	♀	Governor	Tuesday
35	Baldago	♀	Governor	Thursday
36	Bnapsen	h	King	Saturday
37	Bragles	h	Prince	Monday
38	Bormila	h	Governor	Friday
39	Buscnab	h	Governor	Sunday
40	Bmninpol	h	Governor	Tuesday
41	Bartiro	h	Governor	Thursday
42	Bliigan	h	Governor	Wednesday
43	Blumaza	)	King	Monday
44	Bagenol	)	Prince	Friday
45	Bablibo	)	Governor	Sunday
46	Busdana	)	Governor	Tuesday
47	Blingef	)	Governor	Thursday
48	Barfort	)	Governor	Wednesday
49	Bamnode	)	Governor	Saturday

42 (7X6) Ministers
(derivation method follows tables)
Sunday/Venus/Copper

L E E N A R B
L N A N A E B
R O E M N A B
L E A O R I B
N E I C I A B
A O I D I A B

- | | | | |
|-------------|-------------|--------------|-------------|
| 1. LENNARB | 12. AEBLNAN | 23. EAORIBL | 34. ABNEICI |
| 2. EENARBL | 13. EBLNANA | 24. AORIBLE | 35. BNEICIA |
| 3. ENARBLE | 14. BLNANAE | 25. ORIBLEA | 36. AOIDIAB |
| 4. NARBLEE | 15. ROEMNAB | 26. RIBLEAO | 37. OIDIABO |
| 5. ARBLEEN | 16. OEMNABR | 27. IBLEAOR | 38. IDIABAO |
| 6. RBLEENA | 17. EMNABRO | 28. BLEAORI | 39. DIABAOI |
| 7. BLEENAR | 18. MNABROE | 29. NEICIA B | 40. IABAOIO |
| 8. LNANAEB | 19. NABROEM | 30. EICIABN | 41. ABAOIDI |
| 9. NANAEBL | 20. ABROEMN | 31. ICIABNE | 42. BAOIDIA |
| 10. ANAEBLN | 21. BROEMNA | 32. CIABNEI | |
| 11. NAEBLNA | 22. LEAORIB | 33. IABNEIC | |

Tuesday/Sun/Gold

E I L O M F O
N E O T P T A
S A G A C I Y
O N E D P O N
N O O N M A N
E T E V L G L

- | | | | |
|-------------|-------------|-------------|-------------|
| 1. EILOMFO | 12. PTANEOT | 23. NEOPONO | 34. ANNOONM |
| 2. ILOMFOE | 13. TANEOTP | 24. EDPONON | 35. NNOONMA |
| 3. LOMFOEI | 14. ANEOTPT | 25. DPONONE | 36. ETEVLGL |
| 4. OMFOEIL | 15. SAGACIY | 26. PONOMEO | 37. TEVLGLE |
| 5. MFOEILO | 16. AGACIYS | 27. ONONEDP | 38. EVLGLET |
| 6. FOEILOM | 17. GACIYSA | 28. NONEDPO | 39. VLGLETE |
| 7. OEILOMF | 18. ACIYSAG | 29. NOONMAN | 40. LGLETEV |
| 8. NEOTPTA | 19. CIYSAGA | 30. OONMANN | 41. GLETEVL |
| 9. EOTPTAN | 20. IYSAGAC | 31. ONMANNO | 42. LETEVLS |
| 10. OTPTANE | 21. YSAGAOI | 32. NMANNOO | |
| 11. TPTANEO | 22. ONEDPON | 33. MANNOON | |

Thursday/Mars/Iron

B B A R N F L
B B A I G A O
B B A L P A E
B B A N I F G
B B O S N I A
B B A S N O D

- | | | | |
|-------------|-------------|--------------|-------------|
| 1. BBARNFL | 12. INAOBBA | 23. BBANIFG | 34. IABBOSN |
| 2. BARNFLB | 13. AOBBAIG | 24. ANIFGBB | 35. ABBOSNI |
| 3. ARNFLBB | 14. OBBAIGA | 25. NIFGBBA | 36. BBASNOD |
| 4. RNFLBBA | 15. BBALPAE | 26. IFGBBAN | 37. BASNODB |
| 5. NFLBBAR | 16. BALPAEB | 27. FGBBANI | 38. ASNODBB |
| 6. FLBBARN | 17. ALPAEBB | 28. GBBANIF | 39. SNODBBA |
| 7. LBBARNF | 18. LPAEBBA | 29. BBOSNIA | 40. NODBBAS |
| 8. BBAIGAO | 19. PAEBBAL | 30. BOSNIABN | 41. ODBBASN |
| 9. BAIGAOB | 20. AEBBALP | 31. OSNIABB | 42. DBBASNO |
| 10. AIGAOBB | 21. EBBALPA | 32. SNIABBO | |
| 11. IGAOBBA | 22. BBANIFG | 33. NIABBOS | |

Wednesday/Jupiter/Tin

E L G N S E B
N L I N Z V B
S F A M L L B
O O G O S R S
N R P C R R B
e r g d b a b

- | | | | |
|-------------|-------------|-------------|-------------|
| 1. ELGNSEB | 12. ZVBNLIN | 23. OGOSRSO | 34. RBNRPCR |
| 2. LGNSEBE | 13. VBNLINZ | 24. GOSRSOO | 35. BNRPCRR |
| 3. GNSEBEL | 14. BNLINZV | 25. OSRSOOG | 36. ERGDBAB |
| 4. NSEBELG | 15. SFAMLLB | 26. SRSOOGO | 37. RGDBABE |
| 5. SEBELGN | 16. FAMLLBS | 27. RSOOGOS | 38. GDBABER |
| 6. EBELGNS | 17. AMLLBSF | 28. SOOGOSR | 39. DBABERG |
| 7. BELGNSE | 18. MLLBSFA | 29. NRPCRRB | 40. BABERGD |
| 8. NLINZVB | 19. LLBSFAM | 30. RPCRRBN | 41. ABERGDB |
| 9. LINZVBN | 20. LBSFAMB | 31. PCRRBNR | 42. BERGDBA |
| 10. INZVBNL | 21. BSFAMLL | 32. CRRBNRP | |
| 11. NZVBNLI | 22. OOGOSRS | 33. RRBNRPC | |

B A N S S Z E
B Y A P A R E
B N A M G E N
B N V A G E S
B L B O P O O
B A B E P E N

- | | | | |
|-------------|-------------|-------------|-------------|
| 1. BANSSZE | 12. AREBYAP | 23. NVAGESB | 34. OOBLBOP |
| 2. ANSSZEB | 13. REBYAPA | 24. VAGESBN | 35. OBLBOPO |
| 3. NSSZEBA | 14. EBYAPAR | 25. AGESBNV | 36. BABEPEN |
| 4. SSZEBAN | 15. BNAMGEN | 26. GESBNVA | 37. ABEPENB |
| 5. SZEBANS | 16. NAMGENB | 27. ESBNVAG | 38. BEPENBA |
| 6. ZEBANSS | 17. AMGENBN | 28. SDNVAGE | 39. EPENBAB |
| 7. EBANSSZ | 18. MGENBNA | 29. BLBOPOO | 40. PENBABE |
| 8. BYAPARE | 19. GENBNAM | 30. LBOPOOB | 41. ENBABEP |
| 9. YAPARES | 20. ENBNAMS | 31. BOPOOBL | 42. NABEPE |
| 10. APAREBY | 21. NBNAMGE | 32. OPOOBLE | |
| 11. PAREBYA | 22. BNVAGES | 33. POOBLBO | |

Monday/Saturn/Lead

O E S N G L E
A V Z N I L N
Y L L M A F S
N R S O G O O
N R R C P R N
L A B D G R E

- | | | | |
|-------------|--------------|-------------|-------------|
| 1. OESNGLE | 12. ILNAVZN | 23. RSOGOON | 34. RNNRRCP |
| 2. ENSNGLEO | 13. LNAVZNI | 24. SOGONR | 35. NNRRCPR |
| 3. SNGLEOE | 14. NAVZNIL | 25. OGOONRS | 36. LABDGRE |
| 4. NGLEOES | 15. YLLMAFSY | 26. GOONRSO | 37. ABDGREL |
| 5. GLEOESN | 16. LLMAFSY | 27. OONTSO | 38. BDGRELA |
| 6. LEOESNG | 17. LMAFSYL | 28. ONRSOGO | 39. DGRELAB |
| 7. EOESNGL | 18. MAFSYLL | 29. NRRCPRN | 40. GRELABD |
| 8. AVZNILN | 19. AFSYLLM | 30. RRCPRNN | 41. RELABDG |
| 9. VZNILNA | 20. FSYLLMA | 31. RCPRNNR | 42. ELABDGR |
| 10. ZNILNAV | 21. SYLLMAF | 32. OPRNNRR | |
| 11. NILNAVZ | 22. NRSOGOO | 33. RNNRRCP | |

A O A Y N N L
L B B N A A V
I O A E S P M
G G L P P S A
O E E O O E Z
N L L R L N A

- | | | | |
|-------------|-------------|--------------|--------------|
| 1. AOAYNNL | 12. AAVLBBN | 23. GLPSAAG | 34. EXOEEEOO |
| 2. OAYNNLA | 13. AVLBBNA | 24. LPPSAGG | 35. ZOEEOOE |
| 3. AYNNLAO | 14. VLBBNAA | 25. PPSAGGL | 36. NLLRLNA |
| 4. YNNLAOA | 15. IOAESPM | 26. PSAAGGLP | 37. LLRLNAN |
| 5.>NNLAOAY | 16. OAESPMI | 27. SAGGLPP | 38. LRLNANL |
| 6. NLAOAYN | 17. AESPMIO | 28. AGGLPPS | 39. RLNANLL |
| 7. LAOAYNN | 18. ESPMIOA | 29. OEEOOEZ | 40. LNANLLR |
| 8. LBBNAAV | 19. SPMIOAE | 30. EEOOEZ | 41. NANLLRL |
| 9. BBNAAVL | 20. PMIOAES | 31. EOOEZOE | 42. ANLLRLN |
| 10. ENAAVLS | 21. MIOAESP | 32. OOEZOEE | |
| 11. NAAVLBB | 22. GGLPPSA | 33. OEZOEEO | |

derivation of the preceding 42(X7) **Ministers** follows from counting up all the second, then third, then fourth, etc. letters of the Kings, Princes and Governors

* According to Dee manuscripts the table on the right is the clue to his lamen. The center protects the heart, the middle the flesh, (bodily organs), and the end columns the skin. Groups of two and three letters are angelic names.

o	g	o	n	r	o	l	e	g	o	b	o
s	e	f	a	f	e	s	e	s	a	b	a
o	n	o	m	t	u	r	o	p	e	n	y
n	o	d	s	i	l	l	o	p	s	a	n
s	e	g	r	o	r	n	e	s	p	a	n
s	e	g	l	a	r	a	z	a	m	u	l
l	o	n	e	g	a	n	o	g	i	l	a

Dee's key

(7th Prince)	lonega	nogila	(1st King)
(1st Prince)	ogonro	legobo	(2nd King)
(2nd Prince)	sefafe	lelaba	(3rd King)
(3rd Prince)	onomtu	ropeny	(4th King)
(4th Prince)	nodsil	lopsan	(5th King)
(5th Prince)	segror	nespan	(6th King)
(6th Prince)	seglar	azamul	(7th King)

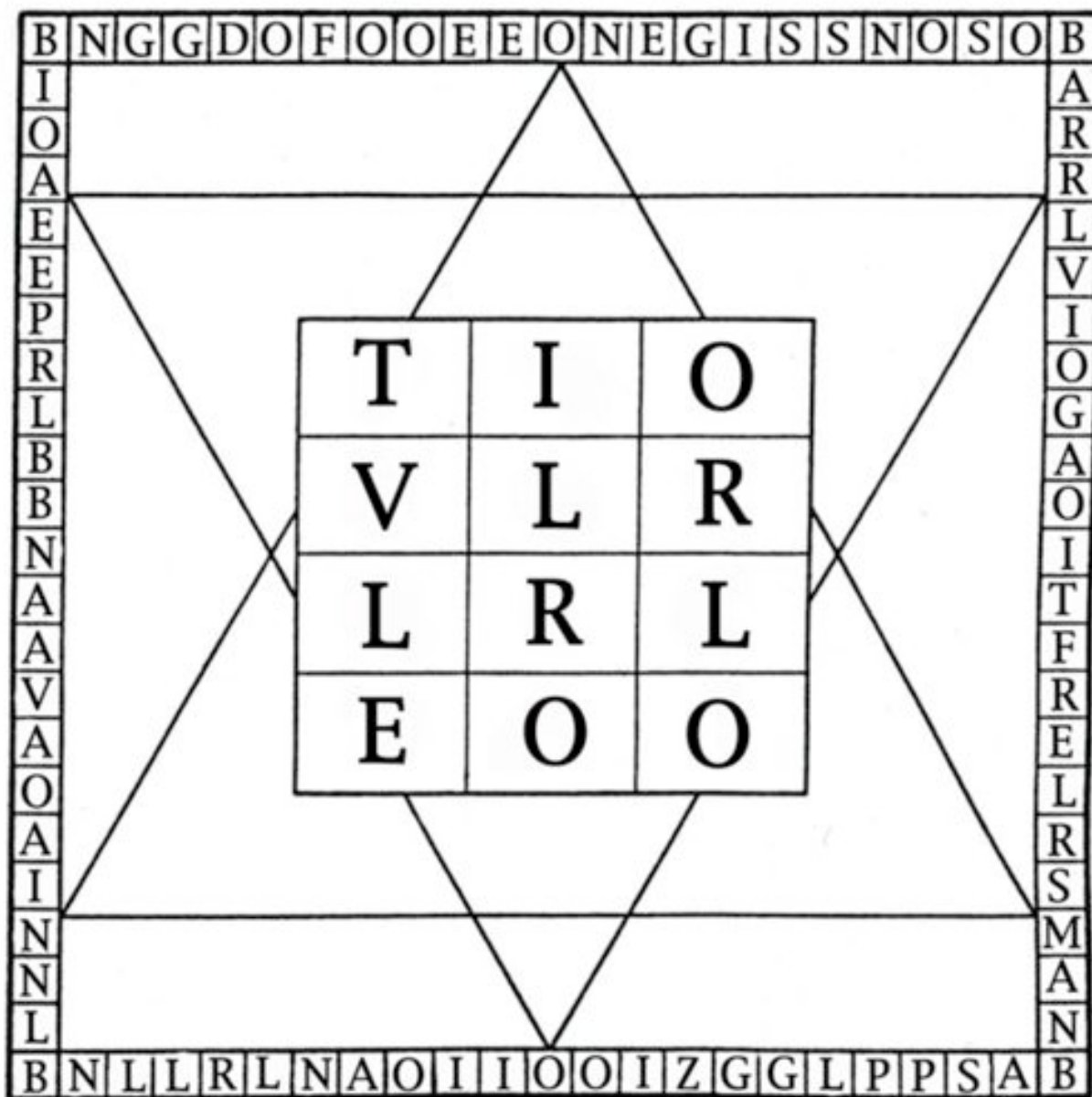
Tyson's key

a	l	i	g	o	n	o	r	n	o	g	o
o	b	o	g	e	l	e	f	a	f	e	s
a	b	a	l	e	l	u	t	m	o	n	o
y	n	e	p	o	r	l	i	s	d	o	n
n	a	s	p	o	l	r	o	r	g	e	s
n	a	p	s	e	n	r	a	l	g	e	s
l	u	m	a	z	a	a	g	e	n	o	l

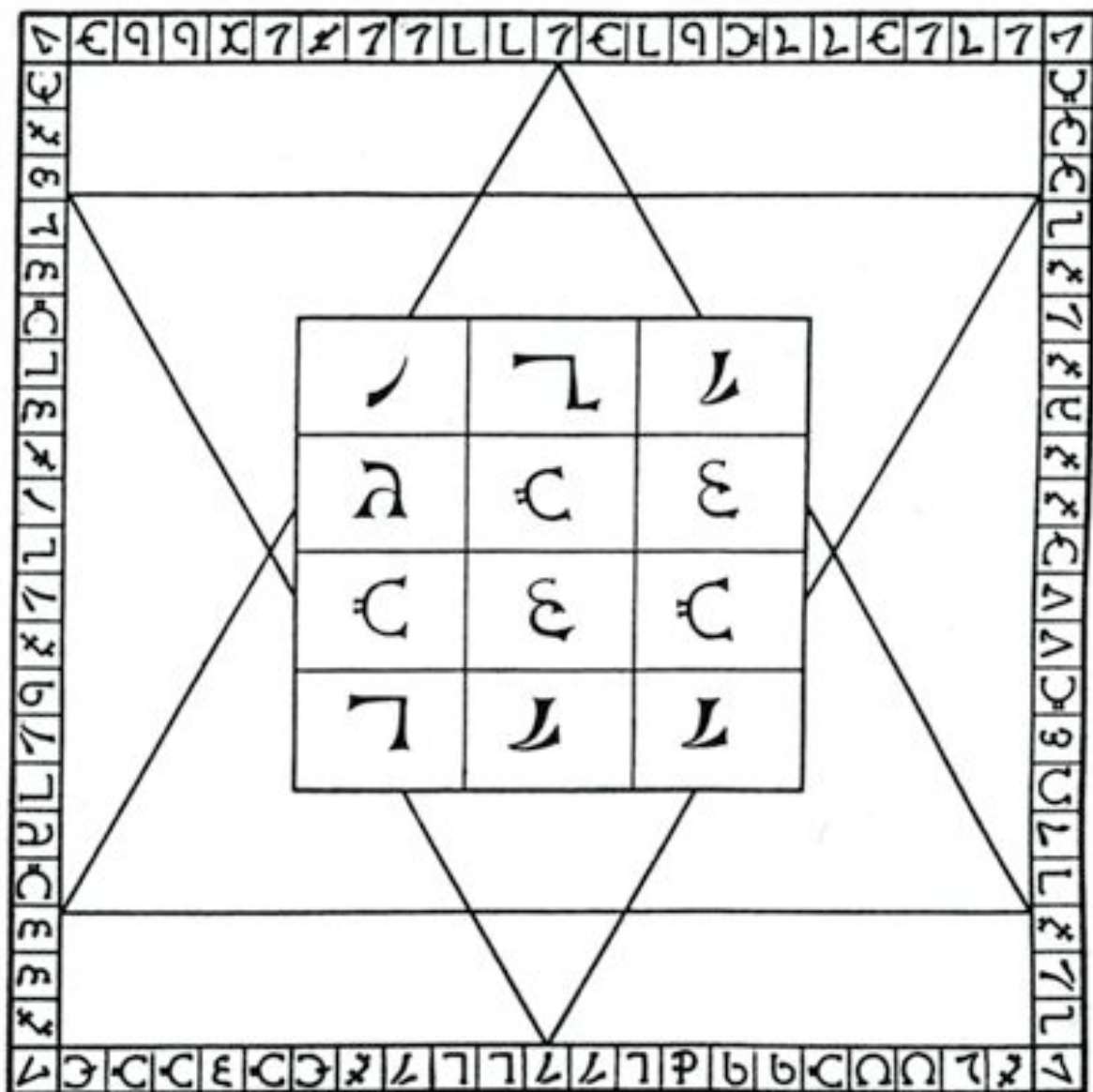
Zalewski's key

method of rendering:

the interior 12 squares combine the
last two letters in the names of
three Kings and three Princes
of the Bonorum.



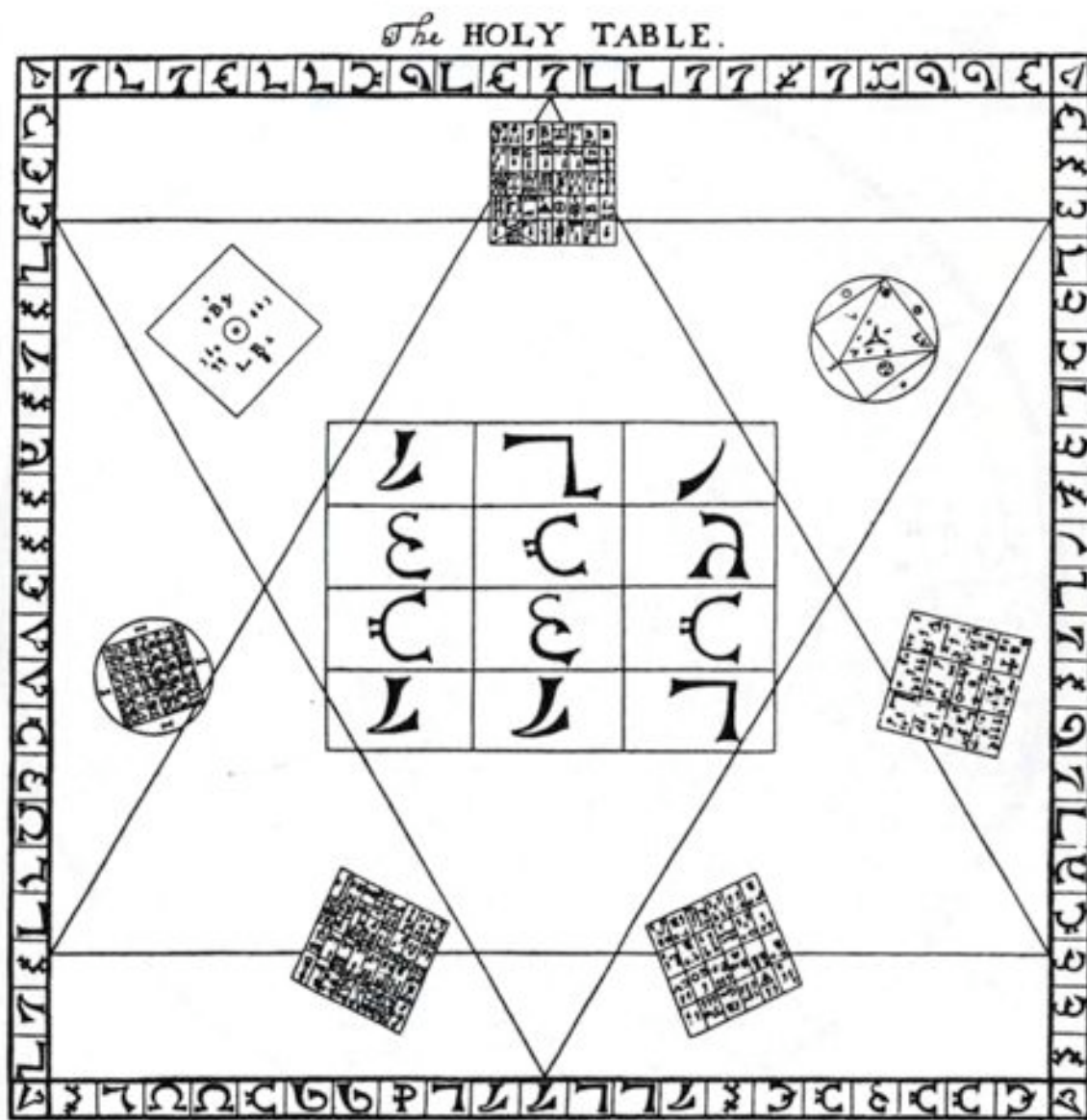
the "corrected" Holy Table
(in English)



The Corrected Holy Table Diagram A

The “corrected” Holy Table
(in Enochian)

“corrected” from Meric Causabon’s
mirror-image reflected version,
following as such:



The 7 Ensigns on the Holy Table

note bene that the Ensigns show up as
 “right-side-up,” whereas the rest of the
 table is a reflection “upside-down.”

2	b	G	g	B	24-b	b b	B	Ⓟ
b	3	b b	g	B	22	bbb	L	rog
8	b	8	G	GG	152	152	52	B
b	2	b	b	b	b	b	BBB	B
q	B	B	bbb	11	b b	b b	b	b
q	o	o	7	9	bbb	5	b b	b
b	b	b	bM	7	Ⓟ	G	M	bA
b	b	b	15b	166	Ⓟ	5	+	1556
1	2	3	b	4	BBB	b b	b	b
b	B	b	T	9	b	72	F	b

2	bb	537	b B	T 13	b 9
b	2	bbb	G 11	bbb	b 9
V 4	o 4	bbb	b	b b	b b
B	B B	B 14	P 3	G O	C V
8 c	Q o	q q	q 9	L b	8
b	7	5	b 3	B	8 3
go 30	9 3	q q	d	7 2	BB
B	b b	b b	b A	b B	8 3

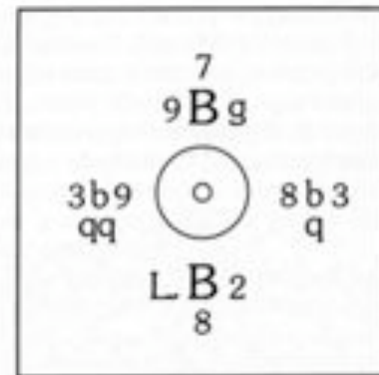
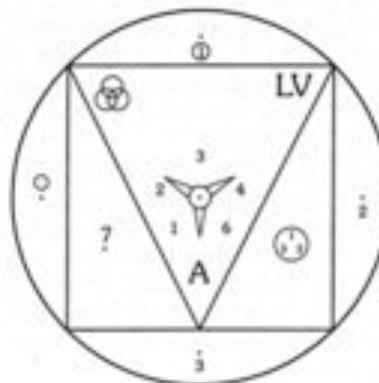
G	m 30	q	q'q'q	Q
B +	B 9	B	B	B
28	d 4	o'g	og	og
1	30	+	+	+
B	A	B	B	B
G 33	A	A	h	go
5	m	id	L	30
b	d	2A	b	pp
V	H	qq	qQ	L
b	22	og	a	25
9				d

The Ensign of Venus
King: Bailgon Prince: Barmago

The Ensign of Jupiter
King: Bynepor Prince: Blisdon

The Ensign of Mars
King: Babalel Prince: Butmono

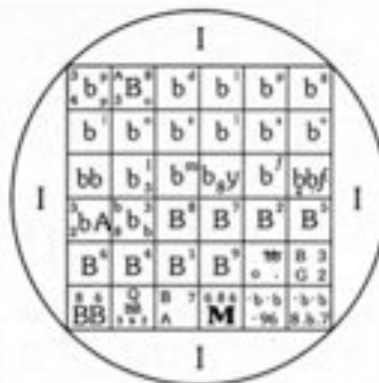
g	B	B	B	B	L	B	6
D2	1	1	2	22	B	q	8 2
g	30	8	2	22	d 30	q 29	B
o p	+	+	+	+	b	bbb	b BB
B	2	2	2	2	2	2	1 2
9 8	B	8 G	9 F	2 Q	2 Q	2 Q	T
B B	M	M	M	M	d B	A	B
2	5	bb	6 89	4	3	2	B
b 8	bb	b	b 20	F	17	4	3
M	b 6	b	b	6	B	I N	b
b 99	+	+	+	+	+	+	b 4
L	4 b	b	9 6	2	4	B 38	B 9 b



The Ensign of Mercury
King: Bnaspol Prince: Borges

The Ensign of Sol
King: Bobogel Prince: Befafes

The Ensign of Luna
King: Blumaza Prince: Bagenol



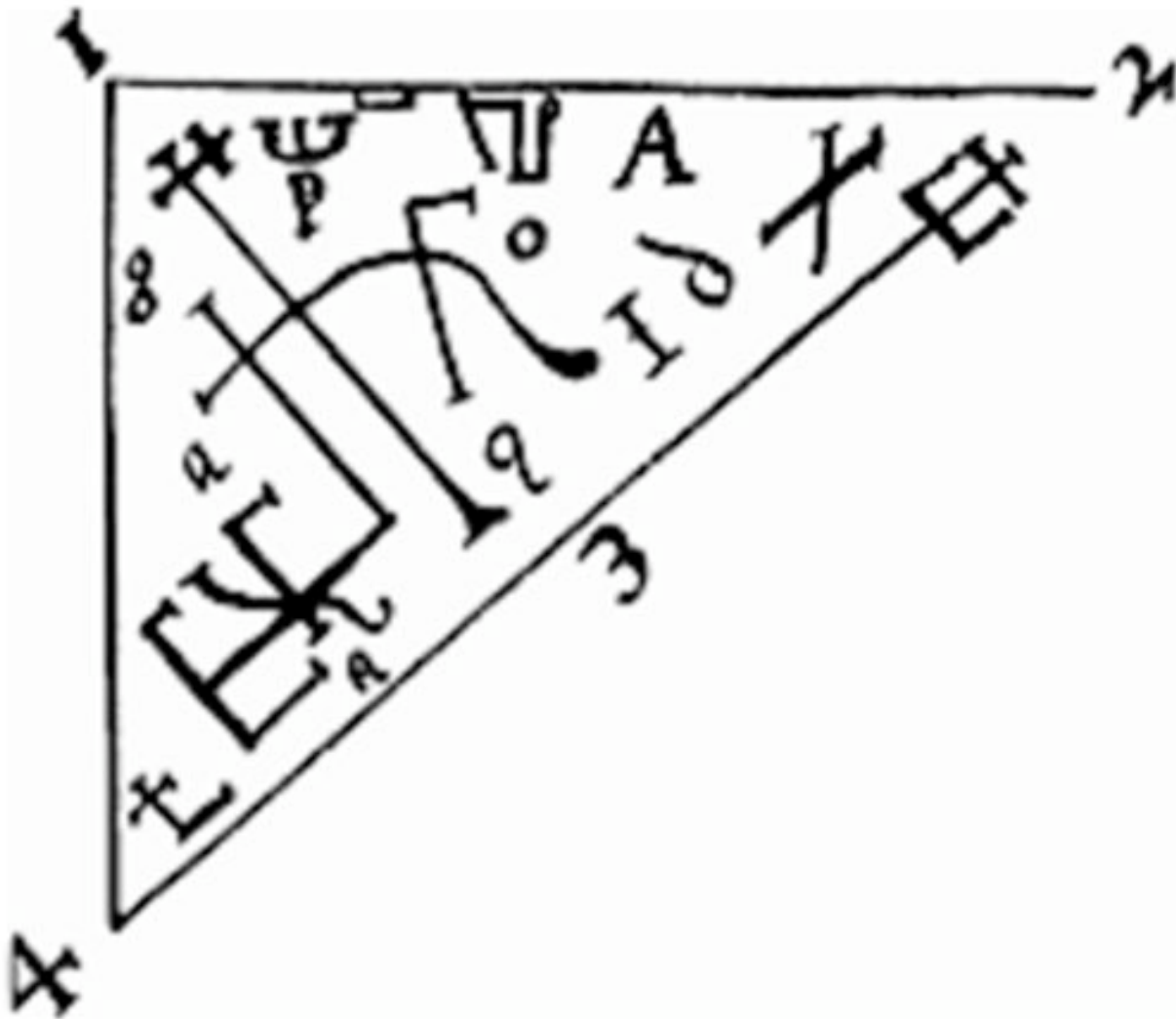
The Ensign of Saturn
King: Bnaspen Prince: Bralgas

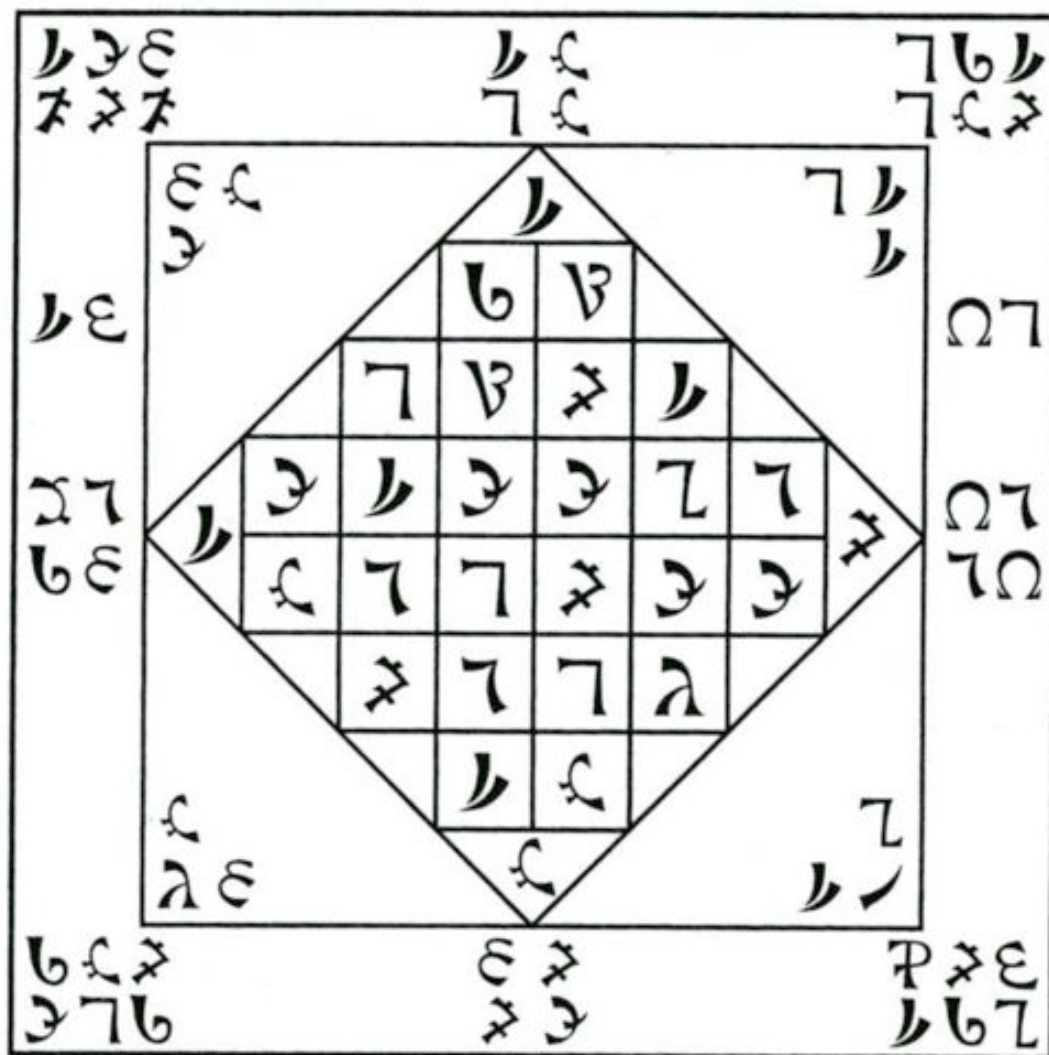
the 7 Ensigns of Creation

These are, nonetheless, the authentic
work of Dee and Kelley
(regardless of the implications of Rudd)

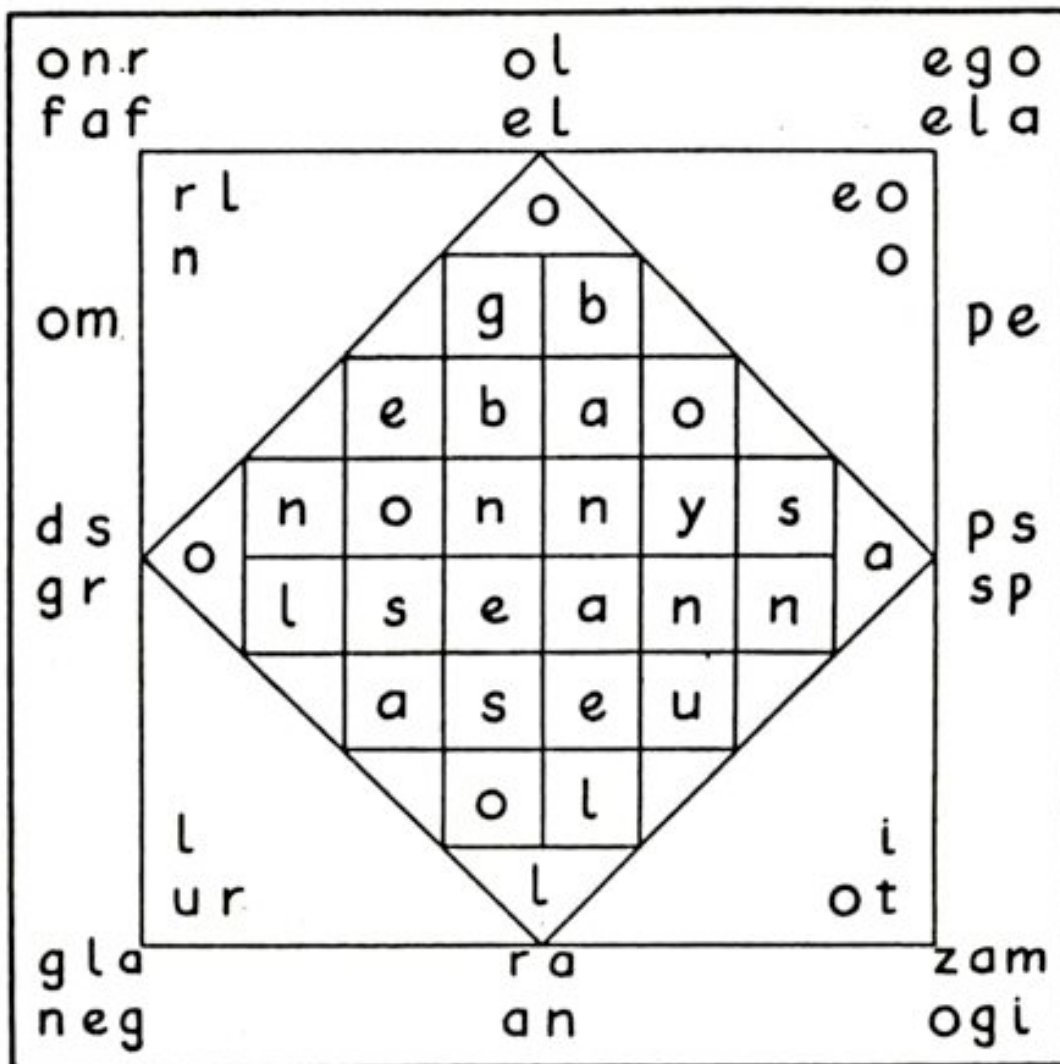
Dee's 1st Lamen

(sub. determined to be "Goetic"
and abandoned from working)

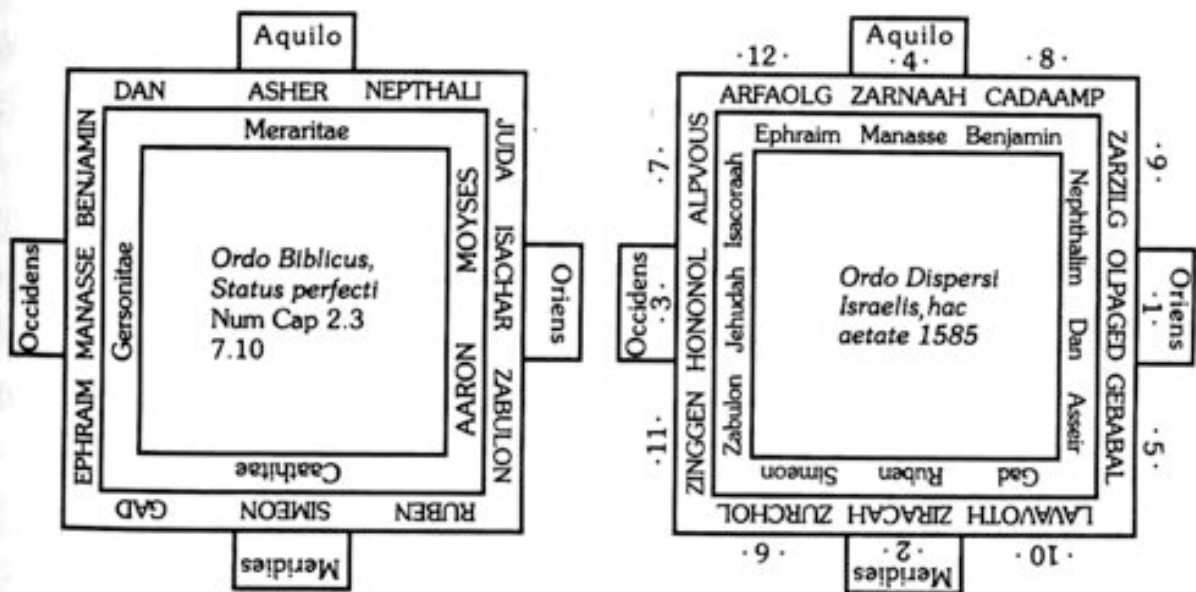




2nd Lamen
in Enochian
(meanings as yet
unknown)



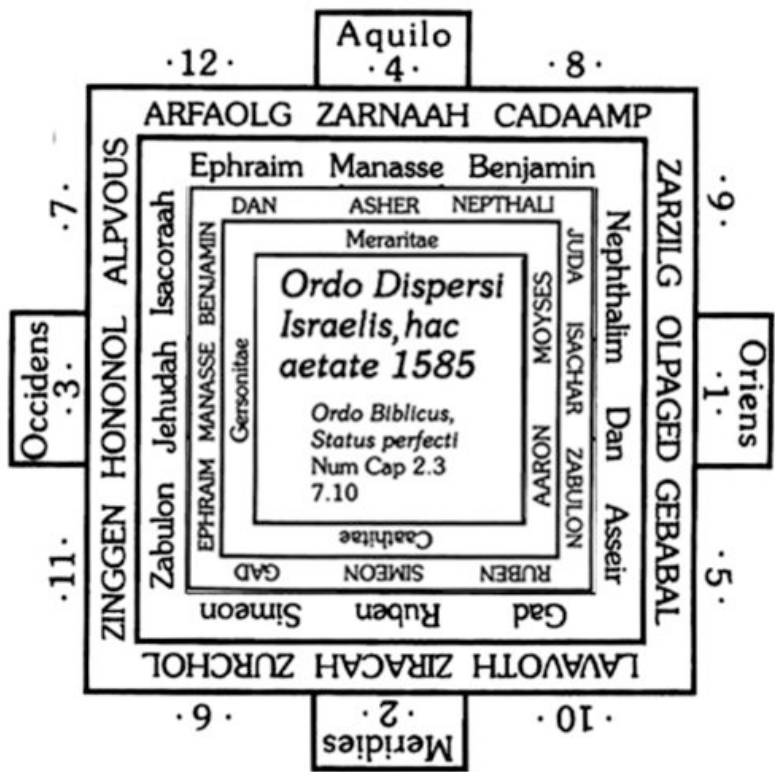
2nd Lamen
in English
(derivation as yet
unknown)

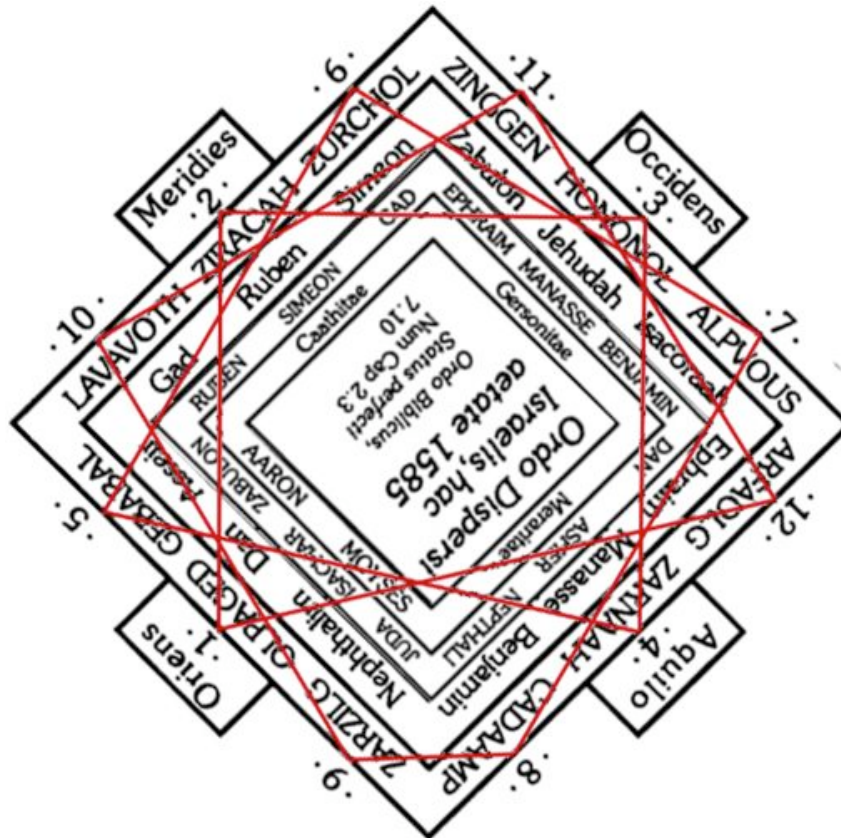


Order of the Twelve Tribes of Israel

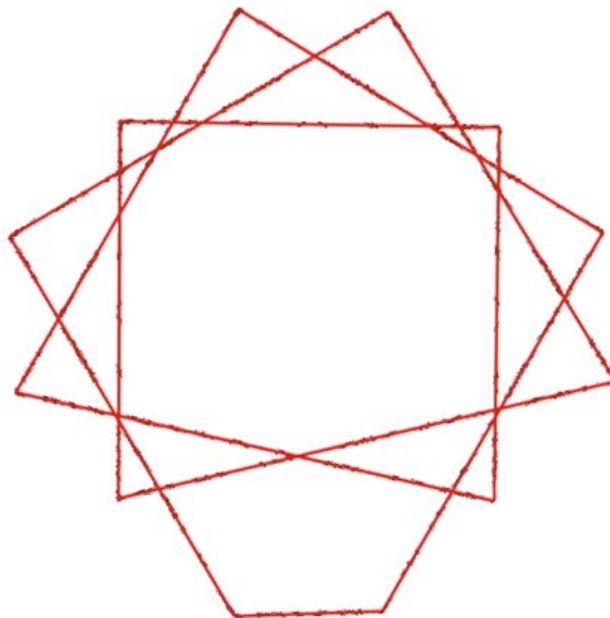
method:

aligning the four cardinal sides in both,
expanding chronologically outward.





by following the numbers of the “Angelic Kings”,
we reveal Dee’s unicursal dodecagram,
perhaps his greatest invention.



Perhaps Dee's second greatest invention,
the method of derivation of the 4 Watchtowers is yet unknown.

CHAPTER IJ

THE CORRECTED GREAT TABLE



¶ This is the Great Table as reformed by Raphaël on the twentieth
of April, 1587.



τ	Z	i	f	a	f	A	y	t	f	p	a	e	τ	a	0	A	δ	u	p	ε	D	n	i	m
a	r	δ	Z	a	i	δ	p	a	L	a	m		a	a	b	c	o	o	r	o	m	e	b	b
c	z	o	n	s	a	r	o	Y	a	u	b	x	τ	o	g	c	o	n	x	m	a	f	G	m
τ	o	i	τ	e	z	o	p	a	c	o	C	a	n	h	o	δ	D	i	a	f	e	a	o	c
S	i	g	a	s	o	m	r	b	x	n	h	r	p	a	e	A	x	i	o	U	s	p	s	U
f	m	o	n	δ	a	τ	d	i	a	r	i	p	S	a	a	i	x	a	a	r	U	r	o	i
o	r	o	i	b	A	h	a	o	z	p	i		m	p	h	a	r	s	f	g	a	i	o	f
ε	N	a	b	r	U	i	x	g	a	s	δ	h	M	a	m	g	f	o	i	n	L	i	r	x
O	i	i	i	e	τ	p	a	f	O	a	i		o	f	a	a	D	n	g	a	τ	a	p	a
A	b	a	m	o	o	o	a	C	u	c	a	C	p	a	L	c	o	i	δ	x	p	a	c	n
N	a	o	c	O	τ	e	n	p	r	n	τ	O	n	δ	a	x	N	z	i	U	a	a	s	a
o	c	a	n	m	a	g	o	t	r	o	i	m	i	i	d	p	o	n	s	δ	A	s	p	i
S	h	i	a	f	r	a	p	m	z	o	x	a	x	r	i	n	h	t	a	r	n	δ	i	J
m o b i e					a τ n a n					n a n τ a					b i e o m									
b	O	a	Z	a	R	o	p	h	a	R	a	a	δ	o	n	p	a	τ	δ	a	n	U	a	a
u	N	n	a	x	o	p	S	o	n	δ	n		o	f	o	a	G	e	o	o	b	a	u	a
a	i	g	r	a	n	o	o	m	a	g	g	m	O	P	a	m	n	o	U	G	m	δ	n	m
o	r	p	m	n	i	n	g	b	e	a	f	o	a	p	f	s	τ	e	δ	e	c	a	o	p
r	s	O	n	i	Z	i	r	f	e	m	u	C	s	c	m	i	o	n	A	m	f	o	x	
i	z	i	n	r	C	z	i	a	M	h	f	h	U	a	r	s	G	δ	L	b	r	i	a	p
M O r δ i a f					h C ε G a					p					o i P t e a a p D o c e									
O c a n c					h i a s o m e					p					p s u a c N r Z i r Z a									
A r b i z					m i i f p i z										S i o δ a o i n r z f m									
O p a n a					f a m S m a P r					δ a f e τ					δ n a δ i r e									
δ O f o p					i n i a n b a a					δ i x o m o n					s i o s p									
r x p a o					c s i z i x p x					O o D p z i A					p a n f i									
a x ε i r					U a s t r i m					e					r g o a n n q A C r a r									

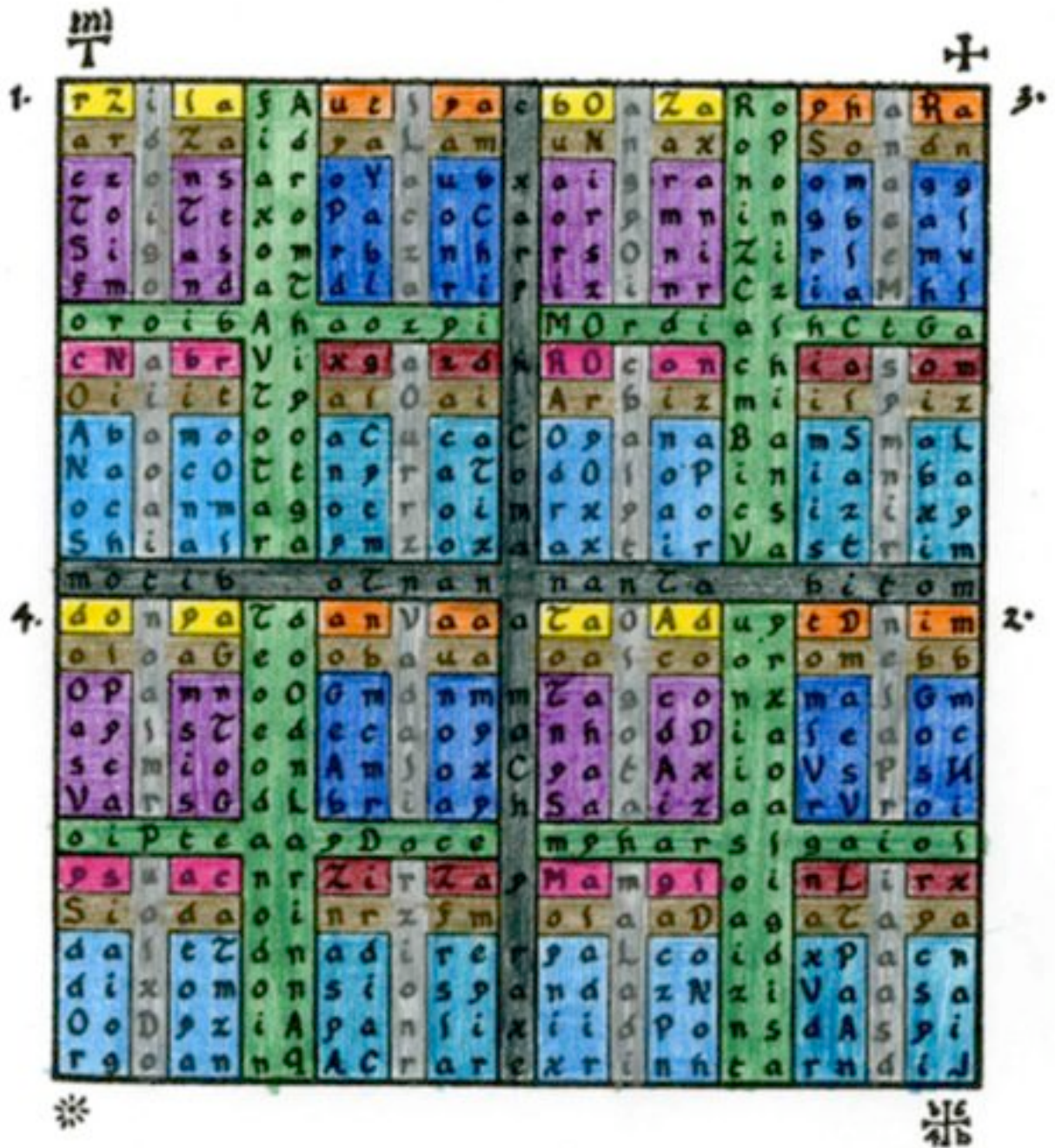
176
416



	m										+																
1.	r	z	i	i	a	f	A	u	e	i	p	a	e	b	O	a	Z	a	R	o	p	h	a	R	a	3.	
	a	r	d	Z	a	i	d	p	a	l	a	m		u	N	n	a	x	o	p	S	o	n	d	n		
	c	z	o	n	s	a	r	o	Y	o	u	b	x	a	i	g	r	a	n	o	m	a	g	g			
	T	o	i	T	e	x	o	P	a	c	o	C	a	o	r	p	m	n	i	n	g	b	e	a	i		
	S	i	g	a	s	o	m	r	b	z	n	h	r	r	s	O	n	i	Z	i	r	s	e	m	v		
	f	m	o	n	d	a	T	d	i	a	r	i	p	i	z	i	n	r	C	z	i	a	M	h	i		
	o	r	o	i	b	A	h	a	o	z	p	i		M	O	r	d	i	a	i	h	C	e	G	a		
	c	N	a	b	r	V	i	x	g	a	z	d	h	R	O	c	o	n	c	h	i	a	s	o	m		
	O	i	i	i	e	T	p	a	i	O	a	i		A	r	b	i	z	m	i	i	s	p	i	z		
	A	b	a	m	o	o	o	a	C	u	c	a	C	O	p	a	n	a	B	a	m	S	m	a	l		
	N	a	o	c	O	T	e	n	p	r	a	T	o	d	O	i	o	P	i	n	i	a	n	b	a		
	o	c	a	n	m	a	g	o	e	r	o	i	m	r	x	p	a	o	c	s	i	z	i	x	p		
	S	h	i	a	s	r	a	p	m	z	o	x	a	a	x	e	i	r	V	a	s	e	t	r	i	m	
	m	o	e	i	b			a	T	n	a	n		n	a	n	T	a			b	i	e	o	m		
4.	d	o	n	p	a	T	d	a	n	V	a	a	a	T	a	O	A	d	u	p	e	D	n	i	m	2.	
	o	i	o	a	G	e	o	o	b	a	u	a		o	a	s	c	o	r	o	m	e	b	b			
	O	p	a	m	n	o	O	G	m	d	n	m	m	T	a	g	c	o	n	x	m	a	s	G	m		
	a	p	i	s	T	e	d	e	c	a	o	p	o	n	h	o	d	D	i	a	s	e	a	o	c		
	s	c	m	i	o	o	n	A	m	s	o	x	C	p	a	t	A	x	i	o	V	s	P	s	u		
	V	a	r	s	G	d	l	b	r	i	a	p	h	S	a	a	i	z	a	a	r	V	r	o	i		
	o	i	p	t	e	a	a	p	D	o	c	e		m	p	h	a	r	s	s	g	a	i	o	i		
	p	s	u	a	c	n	r	Z	i	r	Z	a	p	M	a	m	g	s	o	i	n	L	i	r	x		
	S	i	o	d	a	o	i	n	r	z	f	m		o	s	a	a	D	a	g	a	T	a	p	a		
	d	a	i	e	T	d	n	a	d	i	r	e	r	p	a	l	c	o	i	d	x	p	a	c	n		
	d	i	x	o	m	o	n	s	i	o	s	p	a	n	d	a	z	N	z	i	V	a	a	s	a		
	O	o	D	p	x	i	A	p	a	n	s	i	x	i	i	d	P	o	n	s	d	A	s	p	i		
	r	g	o	a	n	n	q	A	C	r	a	r	e	x	r	i	n	h	e	a	r	n	d	i	j		
	✻										✻																

This is **the Great Table of the 4 Watchtowers** which Dee, and all subsequent researchers of Dee's Enochian system, used to formulate the following basic attributes:

Here are the basic attributes of the 4 Watchtowers:

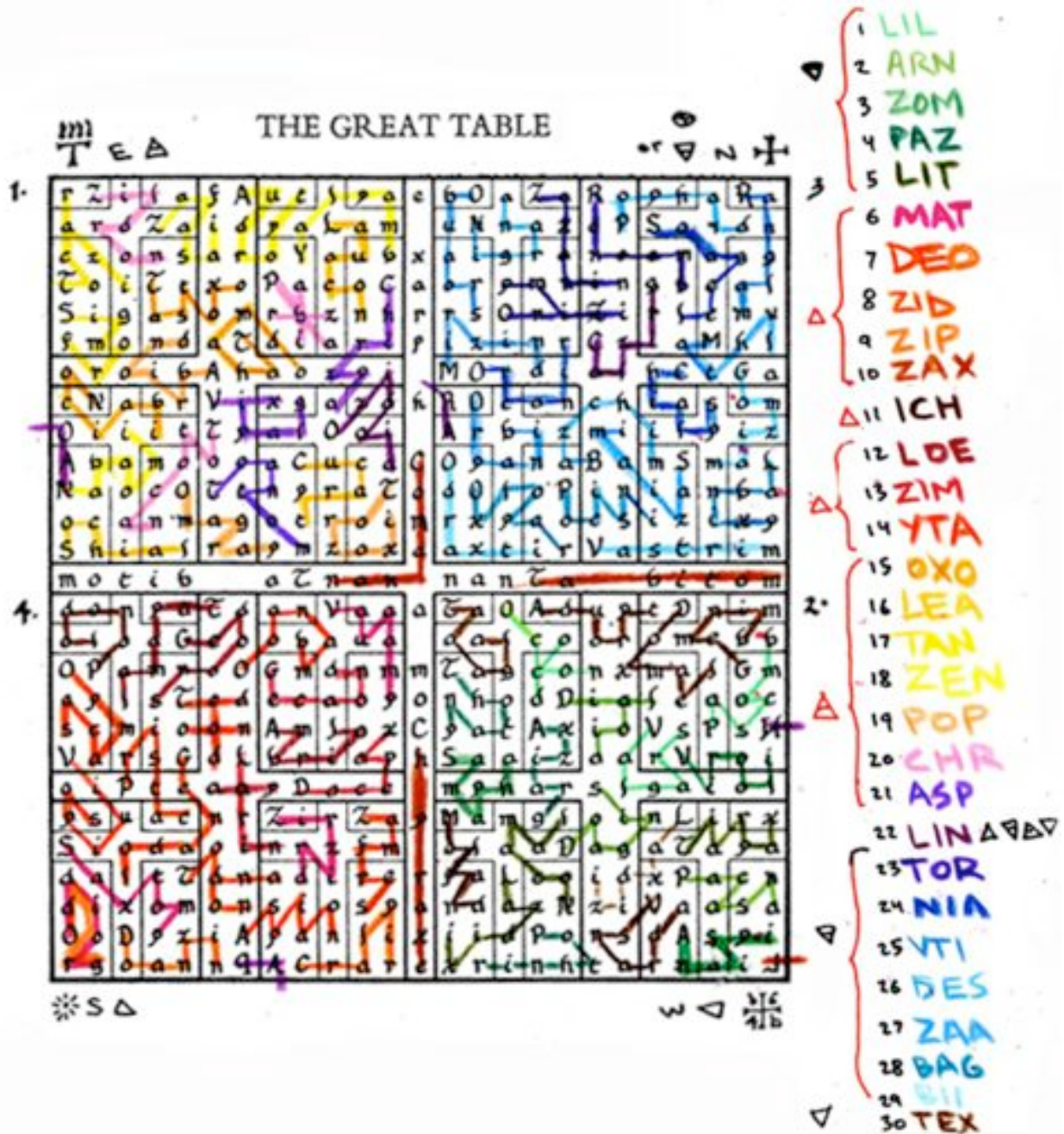


(color scheme)

natural substances, transportation, mechanical arts, secret discovery,
 medicine, precious stones, transformation, 4 elements,
 24 Seniors, God names (vertical), God names (horizontal),
 the Black Cross.

the “caco-daemons” are read backwards, such that: Right to Left and Down to Up.

These are the 91 “Places in the Earth” divided into the 30 “Ayres” as given:
such that the 91 constitute “sigils”, of which there are three per each “Ayre”.



This is the primary component of Dee’s system of Theurgy (Angel-magic)
because he composed a litany of prayers meant to be spoken to invoke
the three “Angelic rulers” (of the 91 sigils) for each of the 30 Ayres.

Although Dee also composed similar incantations to the “basic attributes” of the 4 Watchtowers
(given previously), the “Keys to the Thirty Enochian Ayres” has become the work of Dee’s
most primarily referenced by subsequent researchers.

In the following chart, using color-coding, I propose to combine the three names given per Ayre
with the “basic attributes” of the 4 Watchtowers, as such:

the 30 AYRES: each 91 Parts Of Earth has its (ANGELIC KING)

1	LIL:	Occodon	(ZARZILG),	Pascomb	(ZINGGEN),	Valgars	(ALPUDUS)
2	ARN:	Doagnis	(ZARNAAH),	Pacasna	(ZIRACAH),	Dialoai	(ZIRACAH)
3	ZOM:	Samapha	(ZARZILG),	Virooli	(ALPUDUS),	Andispi	(LAVAVOTH)
4	PAZ:	Thotantp	(LAVAVOTH),	Axziarg	(LAVAVOTH),	Pothnir	(ARFAOLG)
5	LIT:	Lazdixi	(OLPAGED),	Nocamal	(ALPUDUS),	Tiarpax	(ZINGGEN)
6	MAZ:	Saxtomp	(GEBABAL),	Vavaamp	(ARFAOLG),	Zirzird	(GEBABAL)
7	DEO:	Opmacas	(ZARNAAH),	Genadol	(HONONOL),	Aspiaon	(ZINGGEN)
8	ZID:	Zamfres	(GEBABAL),	Todnaon	(OLPAGED),	Pristac	(ZARZILG)
9	ZIP:	Oddiorg	(HONONOL),	Cralpir	(LAVAVOTH),	Doanzin	(ZARZILG)
10	ZAX:	Lexarph	(ZINGGEN),	Comanan	(ALPUDUS),	Tabitom	(ZARZILG)
11	ICH:	Molpand	(LAVAVOTH),	Usnarda	(ZURCHOL),	Ponodol	(HONONOL)
12	LOE:	Tapamal	(ZURCHOL),	Gedoons	(CADAAMP),	Ambriol	(ZIRACAH)
13	ZIM:	Gecaond	(LAVAVOTH),	Laparin	(OLPAGED),	Docepax	(ALPUDUS)
14	UTA:	Tedoond	(GEBABAL),	Vivipos	(ALPUDUS),	Ooanamb	(ARFAOLG)
15	OXO:	Tahamdo	(ZARZILG),	Nociabi	(LAVAVOTH),	Tastoxo	(ARFAOLG)
16	LEA:	Cucarpt	(ZIRACAH),	Lauacon	(HONONOL),	Sochial	(ARFAOLG)
17	TAN:	Sigmorf	(ZIRACAH),	Avdropt	(OLPAGED),	Tocarzi	(ZARZILG)
18	ZEN:	Nabaomi	(GEBABAL),	Zafasai	(ALPUDUS),	Yalpamb	(ARFAOLG)
19	POP:	Torzoxi	(ARFAOLG),	Abriond	(CADAAMP),	Omagrap	(ZINGGEN)
20	CHR:	Zildron	(GEBABAL),	Parziba	(HONONOL),	Totocan	(ALPUDUS)
21	ASP:	Chirzpa	(ARFAOLG),	Toantom	(CADAAMP),	Vixpalg	(ZURCHOL)
22	LIN:	Ozidaia	(ARFAOLG),	Para oan	(OLPAGED),	Calzirg	(ARFAOLG)
23	TOR:	Ronoomb	(ZARNAAH),	Onizimp	(LAVAVOTH),	Zaxanin	(ZINGGEN)
24	NIA:	Orcanir	(ZARNAAH),	Chialps	(LAVAVOTH),	Soageel	(ZINGGEN)
25	UTI:	Mirzind	(ZARNAAH),	Obvaors	(ZIRACAH),	Ranglam	(ARFAOLG)
26	DES:	Pophand	(ARFAOLG),	Nigrana	(CADAAMP),	Bazchim	(ARFAOLG)
27	ZAA:	Saziami	(ZIRACAH),	Mathula	(ZARNAAH),	Orpanib	(GEBABAL)
28	BAG:	Labnixp	(LAVAVOTH),	Pocisni	(ZARZILG),	Oxlopar	(ZURCHOL)
29	RII:	Vastrim	(HONONOL),	Odraxti	(ZARNAAH),	Gomziam	(ARFAOLG)
30	TEX:	Taoagla	(ARFAOLG),	Gemnimb	(ZARNAAH),		
		Advorpt	(HONONOL),	Doxmael	(ZURCHOL)	Laxdizi	

OLPAGED (5), ZIRACAH (7), HONONOL (7), ZARNAAH (8), GEBABAL (7), ZURCHOL (5),
ALPUDUS (8), CADAAMP (4), ZARZILG (8), LAVAVOTH (10), ZINGGEN (7), ARFAOLG (15)

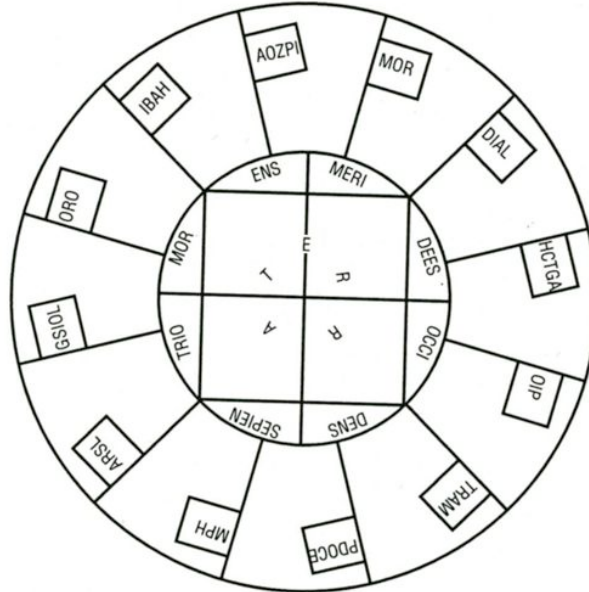
(color scheme)

natural substances, transportation, mechanical arts, secret discovery,
medicine, precious stones, transformation, 4 elements,
God names (vertical), God names (horizontal)

Tower:	<u>Names of God</u>	<u>Great Kings</u>	<u>Six Seniors</u>
East:	ORO IBAH AOZPI	BATAIVAH	HABIORO/AAOXAIF/HTMORDA AHAOZPI/AVTOTAR/HIPOTGA
West:	MPH ARSL GAIOL	RAAGIDEL	LSRAHPM/SAIINOULAUAXRP SLGAIOL/SONAZNT/LIGDISA
North:	MOR DIAL HCTGA	ICZHIHAL	LAIDROM/ACZINOR/LZINOPO ALHCTGA/AHMILCV/LIANSAN
South:	OIP TEAA PDOCE	EDLPRNAA	AAETPIO/ADREOET/ALNCVOD AAPDOCE/ANODOIN/ARINNAO

EAST

NORTH



WEST

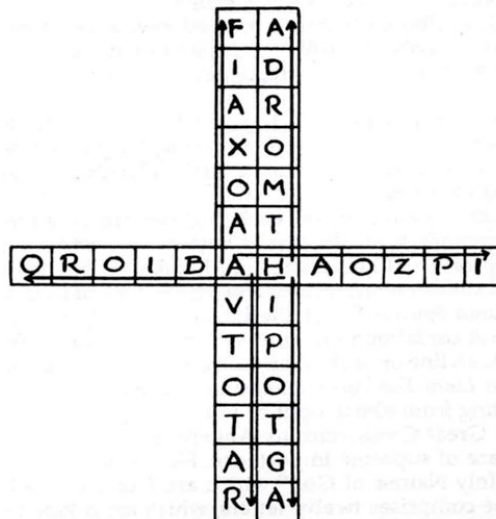
SOUTH

Here we have John Dee's 3 **"banners"** per 4 Watchtowers displaying the 12 **"Names of God"** given previously as derived from the "basic attributes" of the 4 Watchtowers, thusly:

the derivation of the **"Great Kings"** of each Watchtower are such from each central cross:

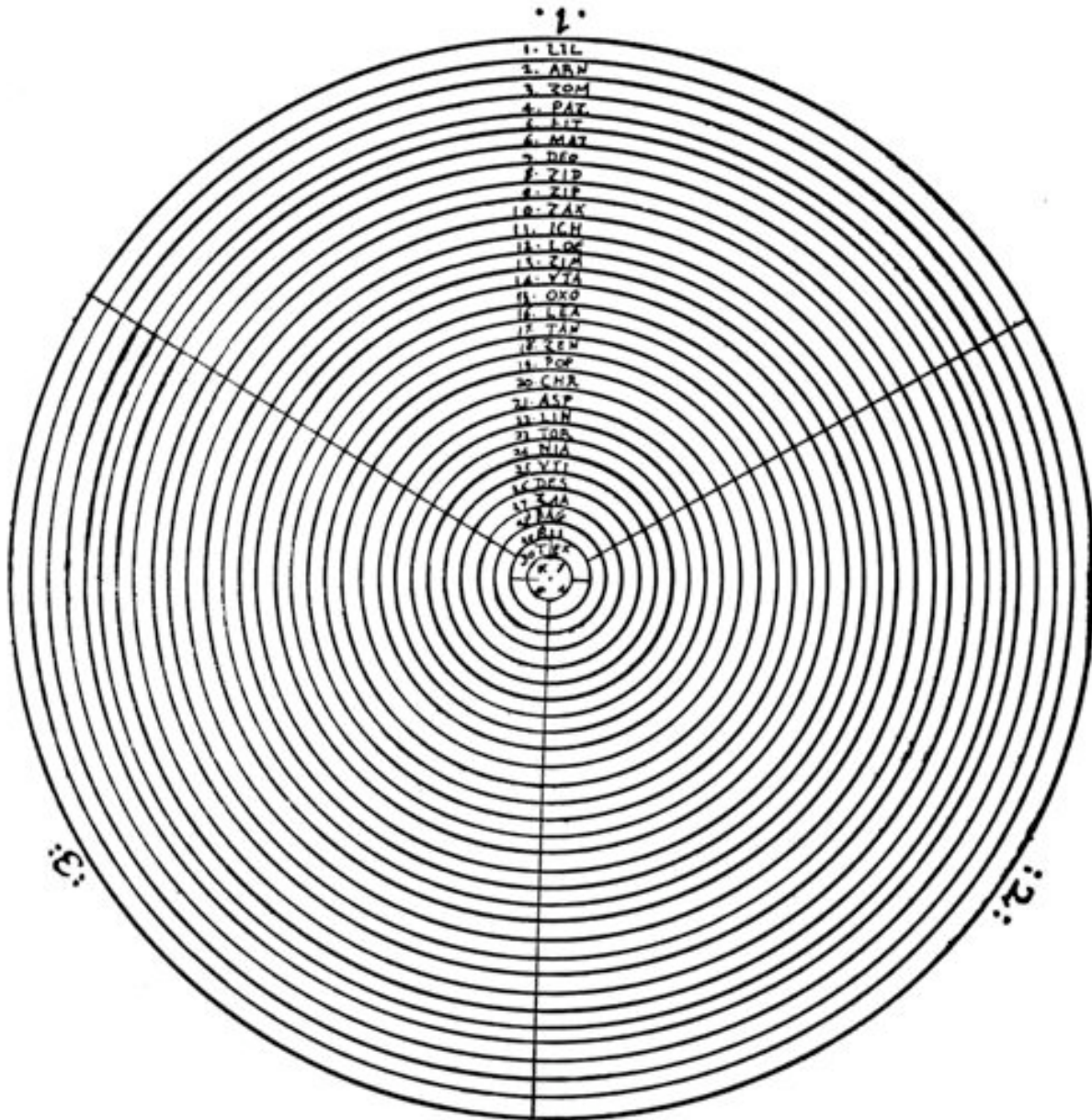


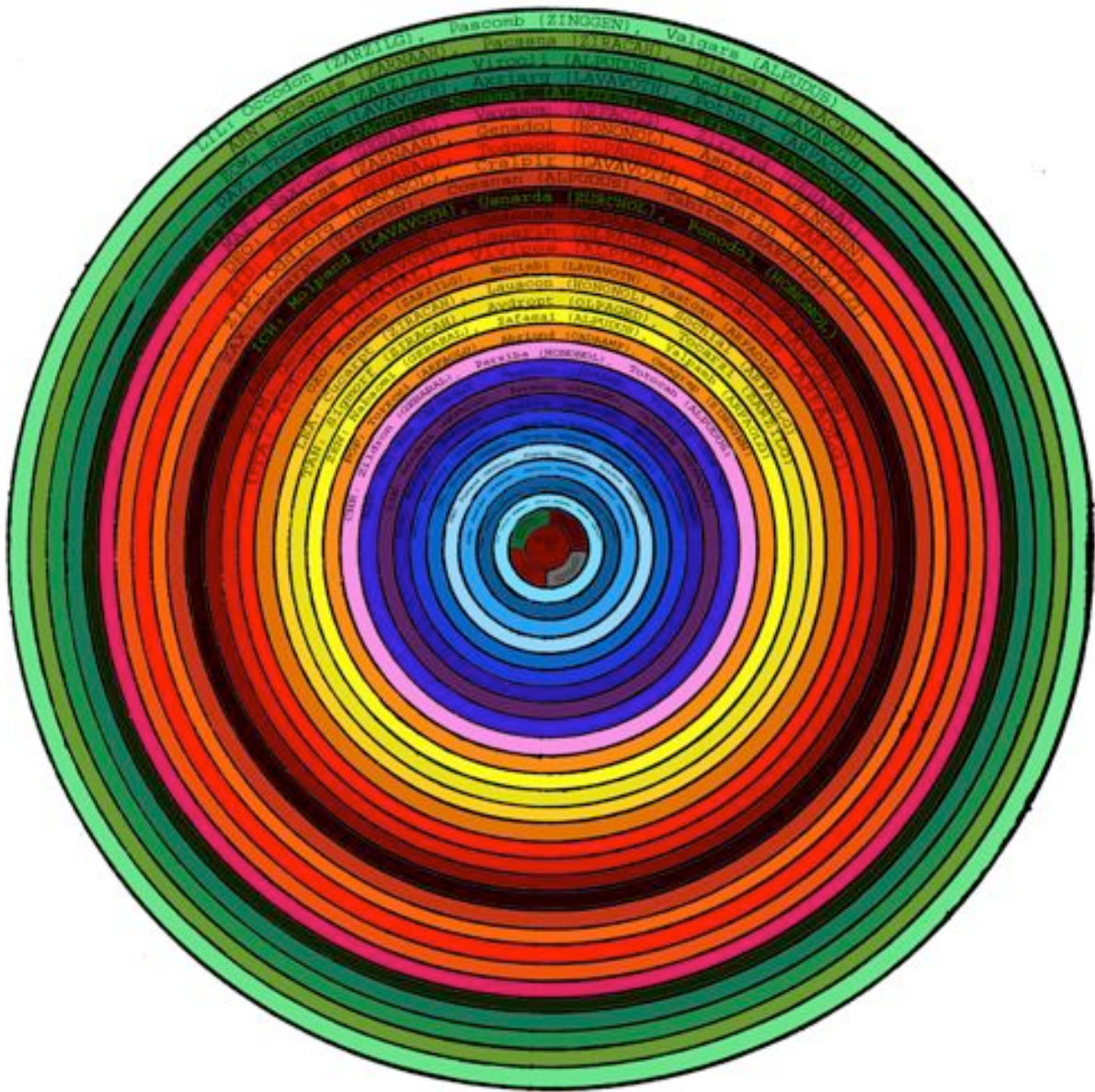
the derivation of the **"Six Seniors"** of each Watchtower are such from each central cross:



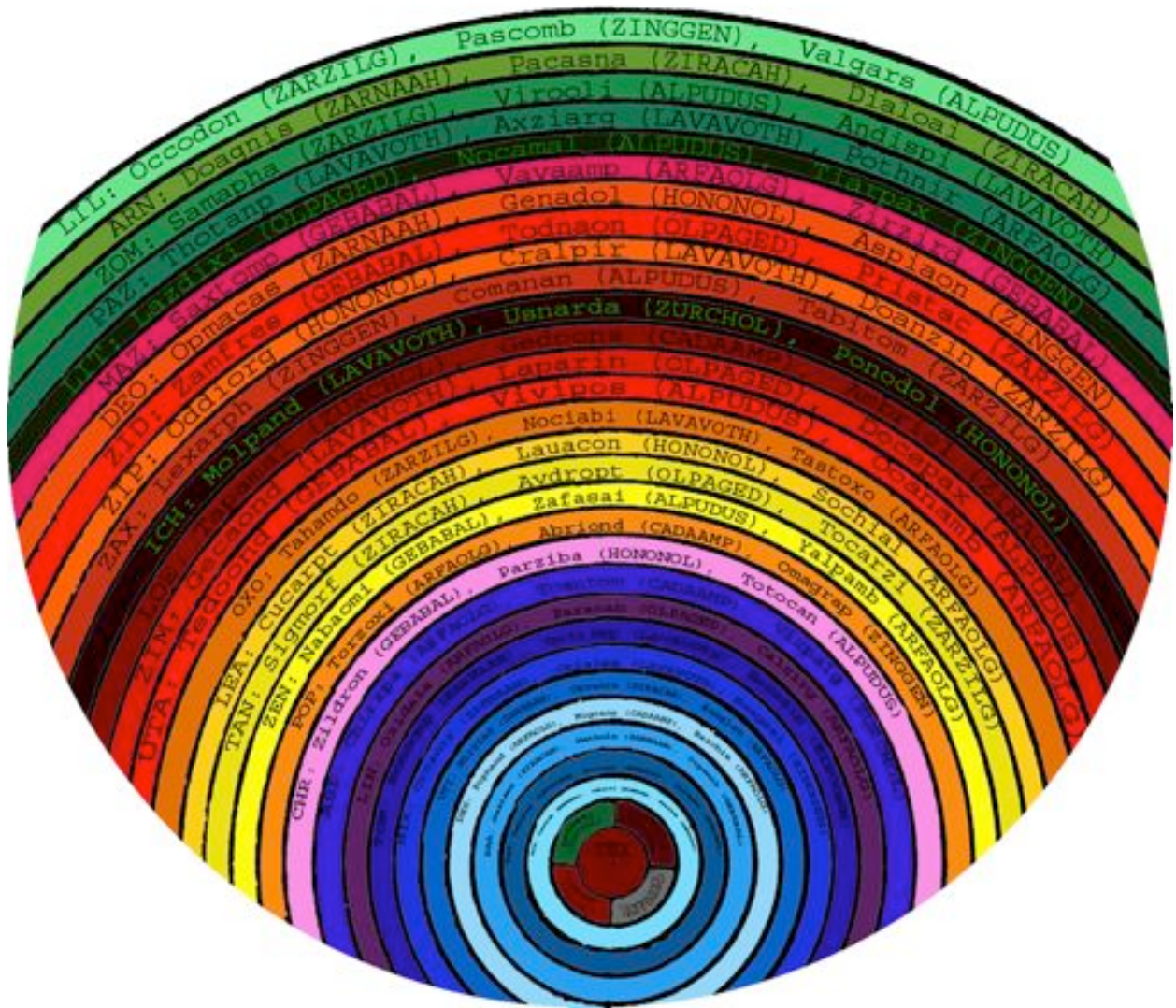
(for these examples the central cross of the East Watchtower is used)

this is the basic diagram representing John Dee's schema of the "30 Ayres"





an example of a color-coded model of the 30 “Ayres”
 using the color-scheme previously given for the
 91 “Places of Earth” sigils on the 4 Watchtowers



a closer look at the color-coded 30 "Ayres".

In this chart I give the “Ayre” for each translated “Part of the Earth”
by listing each by their “Angelic Kings”
according to the color-schemes previously given.

OLPAGED (5): Oriens	ALPUDUS (8): Occidens	ZINGGEN (7): Occidens
LIT: Lazdixi: Bactriane	LIL: Valgars: Mesopotamia	LIL: Pascomb: Tuscia
ZID: Todnaon: Soxia	ZOM: Virooli: Thracia	LIT: Tiarpax: Oxiana
ZIM: Leparin: Armenia	LIT: Nocamali: Bactriane	DEO: Aspiacn: Phalagon
WOM: Avdropt: Cirenica	ZAX: Comanan: Germania	ZAX: Lexarph: Caspis
LIN: Parsaon: Marmarica	ZIM: Docepax: Nemrodiana	POF: Onagrap: Vinsan
	UTA: Vivipos: Phasiana	TOR: Saxonin: Adunia
ZIRACAH (7): Meridiens	WOM: Safasai: Coxlant	NIA: Soageel: Chaldea
ARN: Pacasna: Tuscia	CHG: Totocan: Italia	
ARN: Dialoai: Asia Minor		ARFACLG (15): Aquilo
LOE: Ambriol: Orchenij	CADAAMP (4): Aquilo	PAZ: Pothnir: India
LEA: Cucarpt: Sauromatica	LOE: Gedoons: India Major	MAZ: Vavaamp: Cyprus
WOM: Sigmorf: Colchia	POF: Abriond: Celtica	UTA: Ocanamb: Chaldei
UTI: Obvaore: Persia	ASP: Toantom: Phenices	CHG: Tastoxo: Germannia
ZAA: Saziami: Oacidi	DES: Nigrane: Hispania	LEA: Sochial: Piacim
		WOM: Yalpanb: Adumea
MONONOL (7): Occidens	ZARZILG (8): Oriens	POF: Torsoxi: Parstavia
DEO: Genadol: Arabia	LIL: Oocodon: Egypt	ASP: Chirapa: Brytania
ZIP: Oddiorg: Assyria	ZOM: Sanapha: Myrcaina	LIN: Osidaia: Apulia
ICH: Ponodol: Lacia	ZID: Priestac: Gallia	LIN: Calsing: Concava Syria
LEA: Leuacon: Ethiopia	ZIP: Doanzin: Lydia	UTI: Ranglam: Gongatha
CHG: Parziba: Carcedoma	ZAX: Tabitom: Trenam	DES: Pophand: Gorsin
RIL: Vestrin: Assyria	CHG: Tahando: Itergi	DES: Bazchin: Pamphilia
TEX: Advorpt: Creta	WOM: Tocarzi: Nasamoma	RIL: Gomsia: Bactriani
	BAG: Pocieni: Felix Arabia	TEX: Teoagla: Amnan
ZARNAAH (8): Aquilo		
ARN: Doagnie: Cappadocia	LAVAVOTH (10): Meridiens	
DEO: Opmacas: Getulia	ZOM: Andiepi: Gosman	
TOR: Roncomb: Gebal	PAZ: Thotanp: Thebaidi	
NIA: Orcanir: Media	PAZ: Axziarg: Parsadal	
UTI: Mirzind: Serica Populi	ZIP: Cralpir: Sogdiana	
ZAA: Mathula: Babylon	ICH: Molpand: Bithynia	
RIL: Odraxti: Assyria	ZIM: Gecsond: Achiaia	
TEX: Geminb: Phrygia	CHG: Nociabi: Macedonia	
	TOR: Onizimp: Elam	
GEBABAL (7): Oriens	NIA: Chialpo: Arriana	
MAZ: Saxtonp: Numidia	BAG: Labnixp: Adumian	
MAZ: Zirzird: Parthia		
ZID: Zamfres: Mantiana		
UTA: Tedoond: Paphlogonia		
WOM: Nabecmi: Carthago		
CHG: Tildron: Tolpam		
ZAA: Oepanib: Median		
ZURCHOL (5): Meridiens		
ICH: Uenarda: Gracia		
LOE: Tapanal: Onigap		
ASP: Vixpalg: Comaginen		
BAG: Oxlopar: Metagonitidim		
TEX: Doxmael: Mauritania		

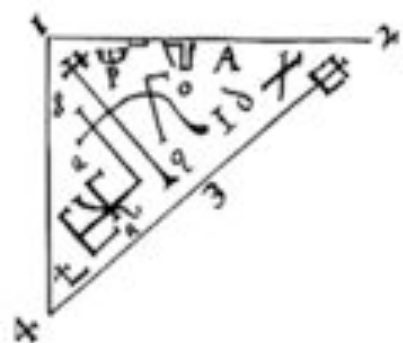


resources for further information:

"The Enochian Magick of Dr. John Dee," Geoffrey James, ed. Llewellyn Pub. St. Paul, Minn. US, 1998
This is the primary resource for any and all Enochian system research. A basic manual constructed from the diaries of Dee, including many diagrams by Dee himself.

"Enochian Magic for Beginners," Donald Tyson. Llewellyn Pub. St. Paul, Minn. US, 2002
The easiest to use modern guide available, Tyson's easy-to-read style brings the reader up-to-date on Enochian magick from its beginnings to today.

"Golden Dawn Enochian Magic," Pat Zalweski. Llewellyn Pub. St. Paul, Minn. US, 1994
A more thorough and complex presentation of the Enochian system, focusing primarily on later uses and attributions.



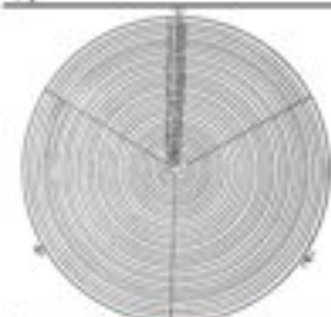
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product description :: *printed on transparency.*

quantity :: _____ @ cost :: _____
(per order) (per unit)

subtotal :: _____

Order Total :: _____
(less by 10% if they know the password)



product title :: "30 Ayres (b/w)"

product description :: *folded in a cone.*

quantity :: _____ @ cost :: _____
(per order) (per unit)

subtotal :: _____

Order Total :: _____
(less by 10% if they know the password)



product title :: "30 Labeled Colour BIG"

product description :: *folded in a cone.*

quantity :: _____ @ cost :: _____
(per order) (per unit)

subtotal :: _____

Order Total :: _____
(less by 10% if they know the password)



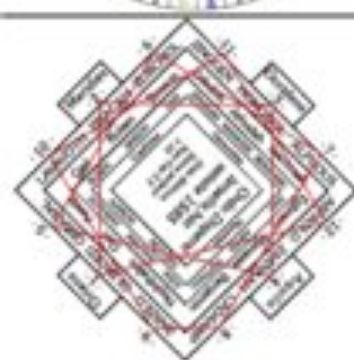
product title :: "Aemeth colours"

product description :: *three layer spinner.*

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(per order) (per unit)

subtotal :: _____

Order Total :: _____
(less by 10% if they know the password)



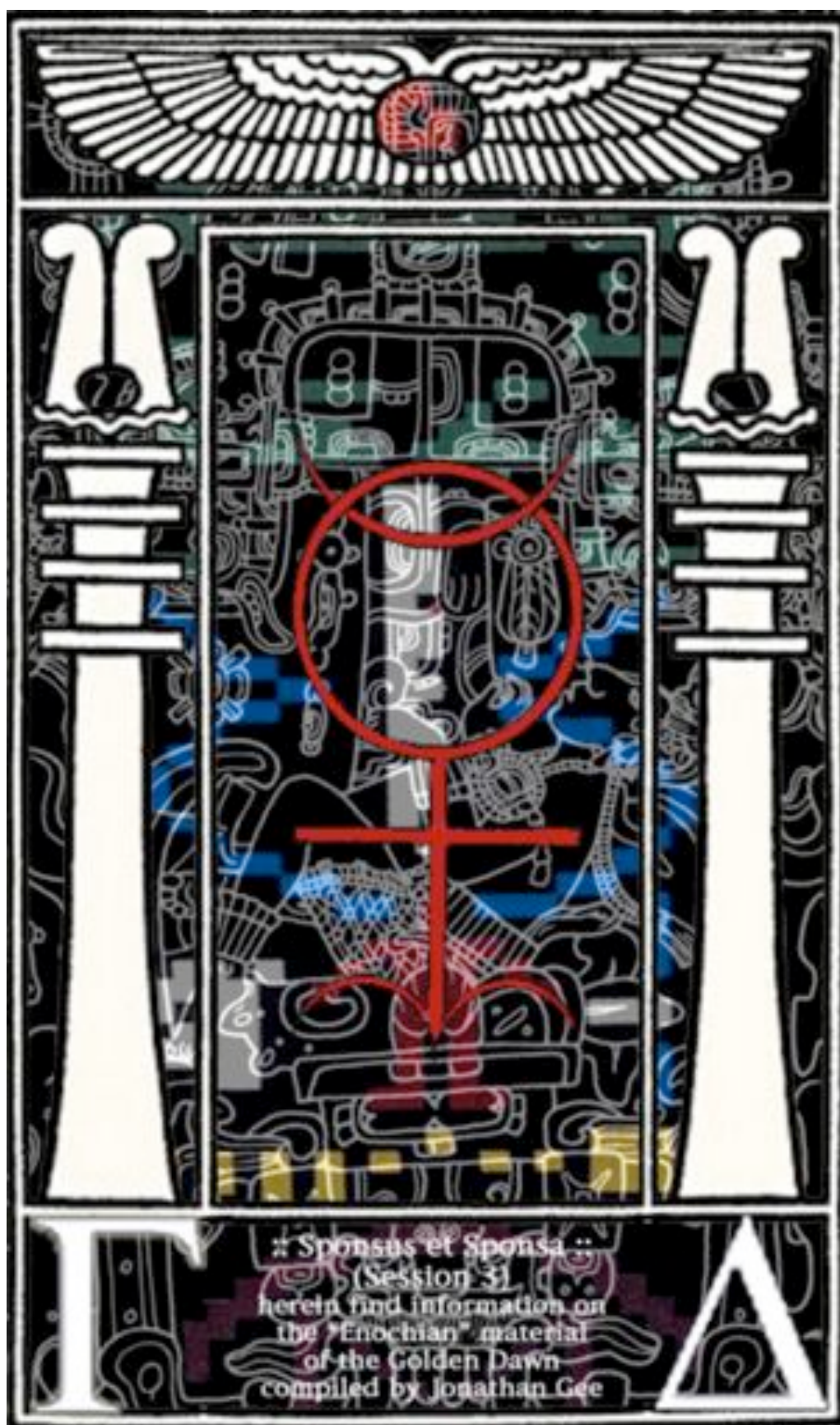
product title :: "Tribes Key 2A"

product description :: *transparency over b/w.*

quantity :: _____ @ cost :: _____
(per order) (per unit)

subtotal :: _____

Order Total :: _____
(less by 10% if they know the password)





The Golden Dawn
(1888- 1930's)

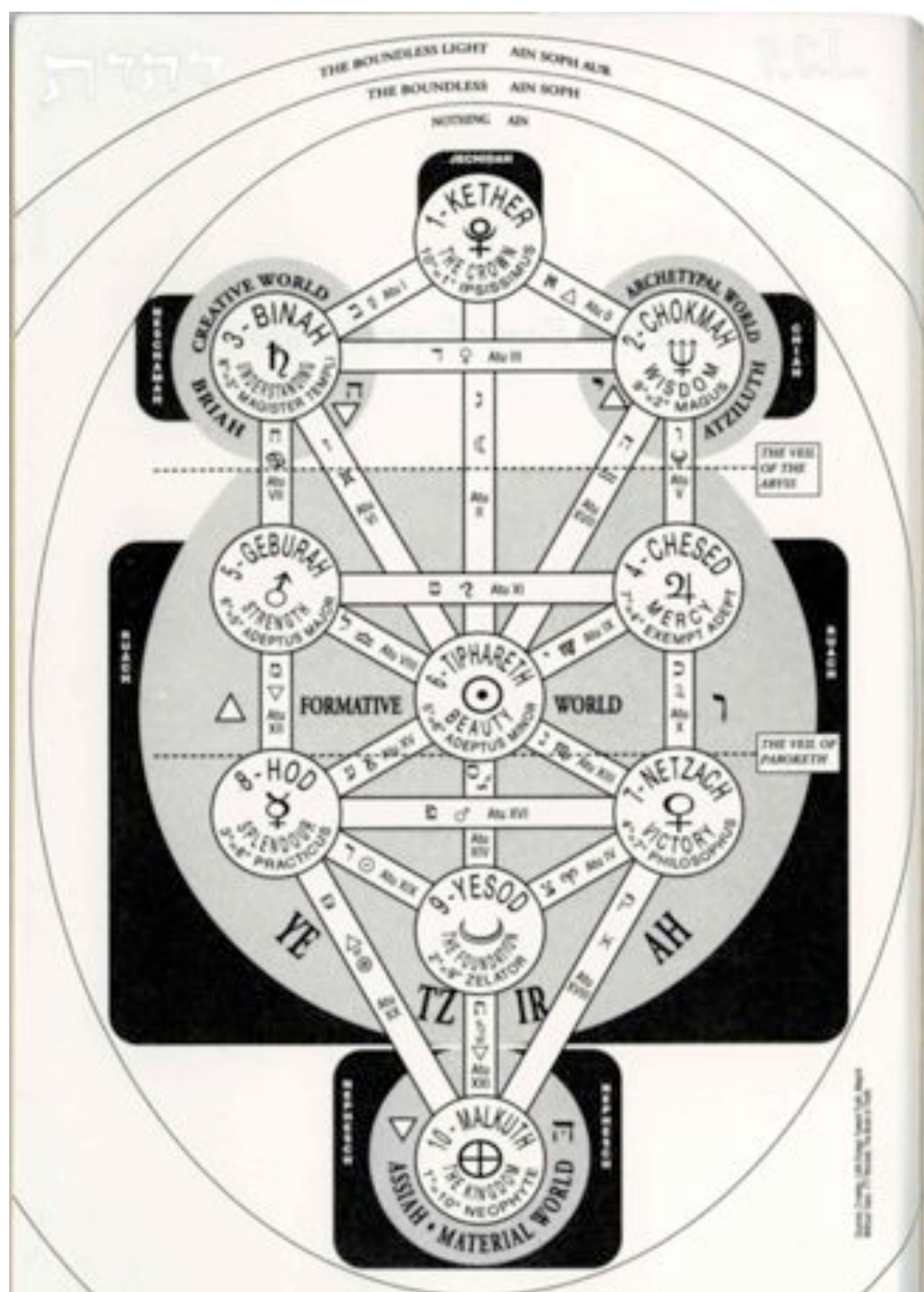
Kenneth Mackenzie, author of the "Royal Masonic Cyclopaedia," is credited with finding a folio of 56 "cipher" documents and founding the first lodge of the "inner" Order (originally called the "Society of 8," later the "Rosae Rubeae et Aureae Crucis") within "the Golden Dawn."

In 1887, William Wynn Westcott (1848 - 1925) decoded the "cipher" documents, which were written using the encryption methods of Trithemius, the 15th century monk and cryptologist. These 56 "cipher" documents laid out, in detailed short-hand notation and fastidiously encoded, a complex system of rituals that would go on to form the curriculum of the Golden Dawn proper.

Samuel Liddell MacGregor Mathers (1854 - 1918), Mason and member of the Societas Rosicruciana in Anglia (an appendent Masonic body) and renowned translator of countless, invaluable Medieval Grimoires, is credited with being the primary founder and worker on the Golden Dawn.

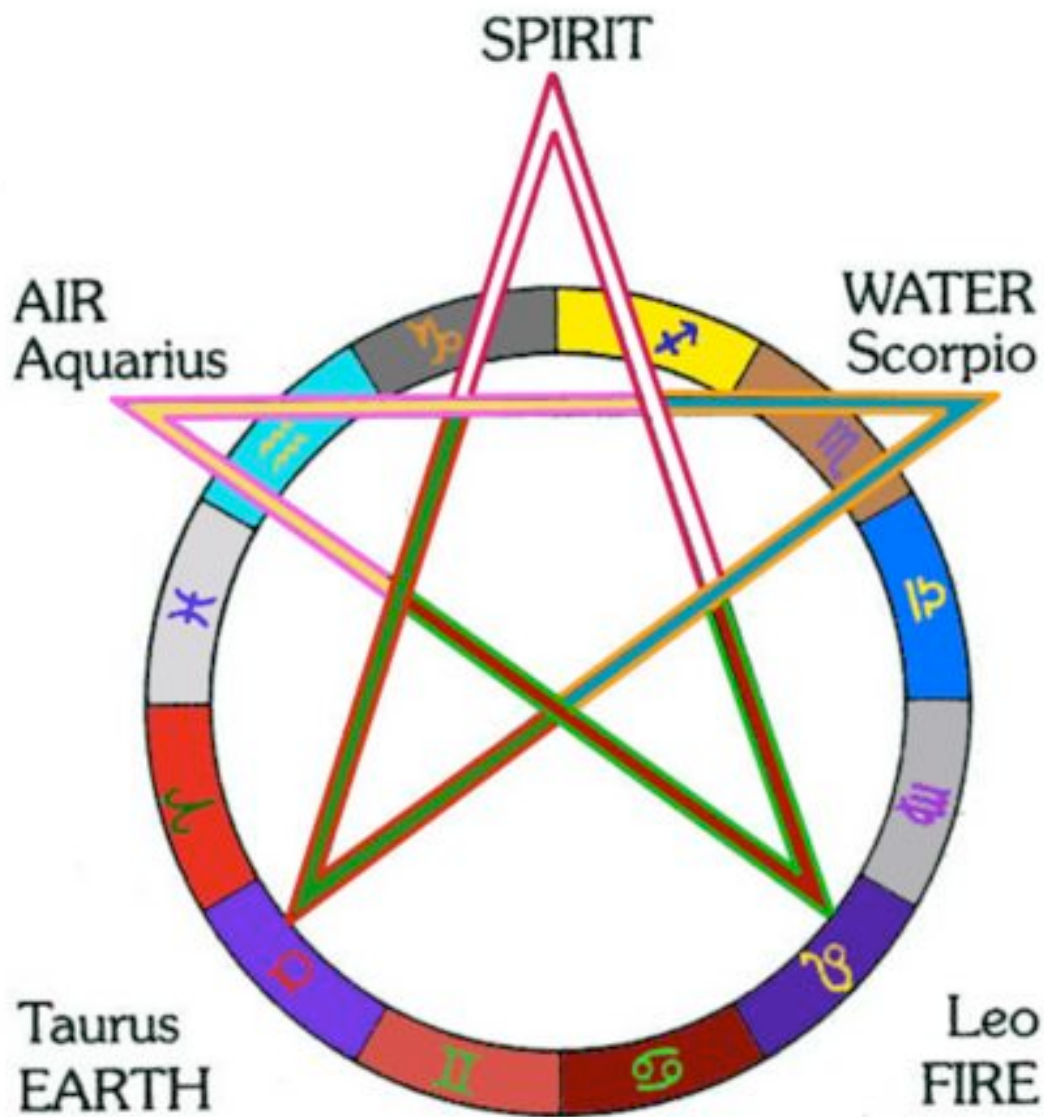
Dr. William Robert Woodman (1828 - 1891), with Reverend A.F.A. Woodward, fellow members of the Masonic S.R.I.A., contributed some assistance as well, and in 1888, the "Isis-Urania" Temple of the Argentum Astrum (A thus A thus), the outer-most Order of the Golden Dawn, opened to all.

In the diagram following, we see the three Orders of the Golden Dawn as they are divided into the ten Grades of the Order, beginning from the bottom with Neophyte. The highest office in the Order is given as "Ipsissimus," associated with the inner-most "Secret Chiefs" or "Ascended Masters."



עץ חיים THE TREE OF LIFE

The Three Veils of the Negative • The Ten Sephiroth with their Numbers, Names, Planes, Titles and Grades
The Veils of the Aethyr and of Paroketh • The 22 Paths with their Tetragrammata, Elemental, Planetary, Zodiacal and Hebrew correspondences
The Fivefold Constitution of Mankind • The Tetragrammata in the Four Worlds



Mathers' Model of the Pentagram

Mathers' Model of the Pentagram

This deceptively simple appearing arrangement is actually at the crux of the entire Golden Dawn system of Magick. The attributions of AIR to Aquarius, WATER to Scorpio, EARTH to Taurus and FIRE to Leo may seem casual at first, however Book IV, "The Concourse of the Forces," proves there is an extremely elaborate, even colourful, series of solutions supporting Mathers' model.

This lamen, presented in simple b/w in all previously published sources, is as good a model as any to use as a color palette so we can start to get to know one element of the system from another.

Let's begin in the uppermost right-side of the Zodiac circle. Here we start with the Archer, Sagittarius, and so we proceed around clockwise (according to the circumambulations of the sun) or c/cw (by the "widdershins" way of the moon). Thus, from Sagittarius, Scorpio is the first by the path of the sun, but Capricorn comes next by way of the moon. And so on and so forth.

The colours used for the Zodiac glyphs are derived from the "flashing" (or complimentary) colors to the "Kherubic" bases, which themselves stand for the primary colour of the particular glyph. For example, Gemini's glyph colour, grass, is secondary to its "Kherubic" base colour, mauve. The colour "grass" is only used to juxtapose the colour mauve which, in this case, is the primary base colour for the "Kherubic" square. Thus, the "primary" colour is the colour of the "Kherubic" base and the glyph colour is only meant to be "flashing" opposite the background.

The colours used for the "Kherubic" bases are derived from the so-called "Queen's Scale" of colours, given in Col. XVI of Table I. in Aleister Crowley's copious compendium, "777." So, for example, the colour "sky blue," therein aligned with the 28th file, aligns with the Zodiac sign of "Aquarius" in file 28, Col. VII, Table I of same, such that the primary, "Kherubic" base colour is thus derived from the Queen's scale and the glyph colour is simply the "flashing" refraction of the primary base colour.

The colours of the five elements, comprising the exterior and interior lines of the pentagram, proceed likewise such that the "base" colour of an element is depicted here as the interior line, while the "flashing" or "opposite" hue is attributed to the exterior outlines. So, by this method, we see that WATER is Orange "flashing" against Blue; that FIRE is Green "flashing" against Red; EARTH is Red "flashing" Green ; AIR Pink "opposite" Yellow; and finally SPIRIT is represented by the "Rose"-red and plain White colours.

Having thus established the method of derivation for these colour-schemes, we will be using them much more as this course progresses. However, before we look at the colour-schemes we're going to be working with, let's return briefly to re-consider the "Concourse of the Forces" method for deriving the given diagram's overall arrangement.

:: The Concourse of the Forces ::
 Part 1: the 3 types of 12 essential Quadruplicities

	Sign	Throne of	First in order	Second in Order	Third in Order	Fourth in Order
Moveable						
Fixed		Ace of Pentacles				
Common						
M.						
F.		Ace of Wands				
C.						
M.						
F.		Ace of Cups				
C.						
M.						
F.		Ace of Swords				
C.						

Zodiac colours designated by "Queen's Scale" attributions
 "Flashing" on primary colours of 4 Elements:
 Red on Green = EARTH | Green on Red = FIRE
 Yellow on Blue = WATER | Pink on Yellow = AIR

:: Concourse of the Forces ::

Through the use of colour-coding, we arrive at a sort of speedier “short-cut” than applying a less obvious method to the study of these concepts and number-base groups. For example, the excruciatingly difficult lecture on “the Tree of Life Projected In A Solid Sphere,” from whence the first “Concourse of the Forces” diagram depicted here derives, the narrator’s verbose and erudite adumbration on the method involved is laid bare here before our eyes through use of colours.

Here we see, quite obviously, that EARTH is most “attracted to” the sign of Taurus, and that FIRE is, likewise, drawn most to the sign of Leo, etc. The elegance of Mathers’ system, as lost in the breach in the written “Sphere” lection as it is, is nonetheless obvious, particularly when we add the element of colour.

Here we see four seasons governing the mean year. We see that EARTH is the elemental aspect most “attracted” to the signs of the Zodiac that govern during the season of Spring, followed by the trait of FIRE, followed by the aspect of WATER, and finally by that of AIR. As the mean year unfurls from above to below along the left, likewise the elemental combination attributed per sign along the right shifts the “Second in Order” into the position of “First in Order,” and, as the mean year progresses, the previous “First in Order” slips down to the place “Fourth in Order” along the row.

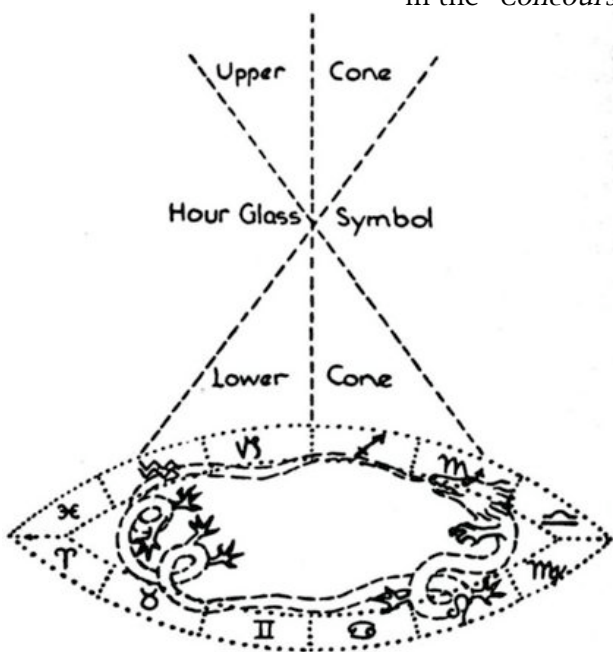
All of this may still seem alien and mysterious at this point, however rest assured that by the time you have completed reading this booklet it will already have begun to become second nature. The process being described here is as simple and straight-forward as it may seem: each season of the year has its own unique re-combination of the elements. At heart, that is all this system is: a description of re-combinations of elemental attributes as they are re-sorted over time.

So, thus we have the first sign of the season, and it Mathers calls, “Common” or “Fluctuating.” This is because of the inter-sorting nature of the re-distribution of the elements during the seasons. Mathers described this oddity eloquently enough: he described the side closer to the “First in Order” as being governed by the “Princesses” of the vulgar deck, while the side closer to the “Fourth in Order” Mathers established as being closer to the 4 suit “Ace” cards of same. It is then noted in the Golden Dawn material that... “the order of the Princesses [...] is formed from right to left [...] while that of the Aces is formed from left to right, though their motion is from right to left.” (Here the author would have been referring to the “top” of this given chart, read downward with the mean year’s seasons, as “right,” and the “bottom” of this chart, read upwards and opposite the mean year, as “left.”)

The best way to model the “Concourse of the Forces,” being elemental re-combinations during the changing seasons of the mean year, would be to attach the “Princesses” side of the elementals column to the “Aces” side, and thus wrap the entire column of attributes up around a cylindrical pillar. Also, ideally, one could then continue on to attach the “top” and “bottom” of this pillar to complete the circular cycle of the Zodiac round. The result would be the shape of a ring, that is, what geometres and chronologists call a “torus,” and the pattern of motion on its surface, implied now more obviously through the application of colour to Mathers’ model, would form a spiral that would revolve around, into, through, out of, around and into again the central hole of the ring-shaped “tube-torus.”

Such is the seemingly myserious “Concourse of Forces,” based on a re-combination of the elements given per season. This is a simple conclusion. However the method Mathers’ employed to craft this simple model is actually magnificently masterful, both in its simplicity and its scale of scope.

the four “**Dragon Formulae**”
showing some of the simultaneous actions involved
in the “*Concourse of the Forces.*”



DIRECT OR CREEPING FORMULA

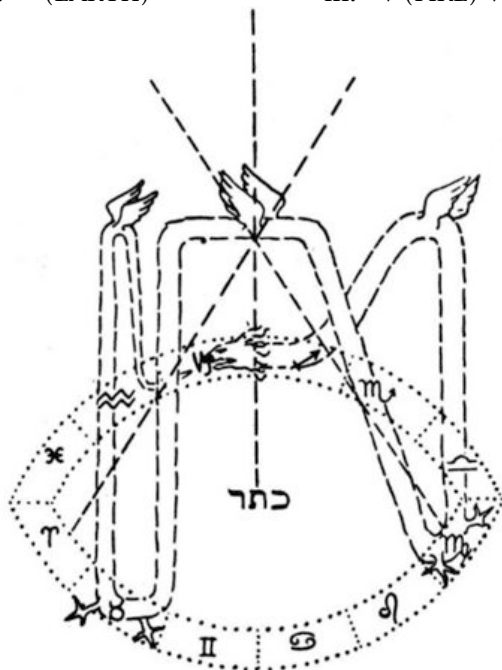


LOOPED OR FLYING FORMULA

I. ^ (EARTH) ^

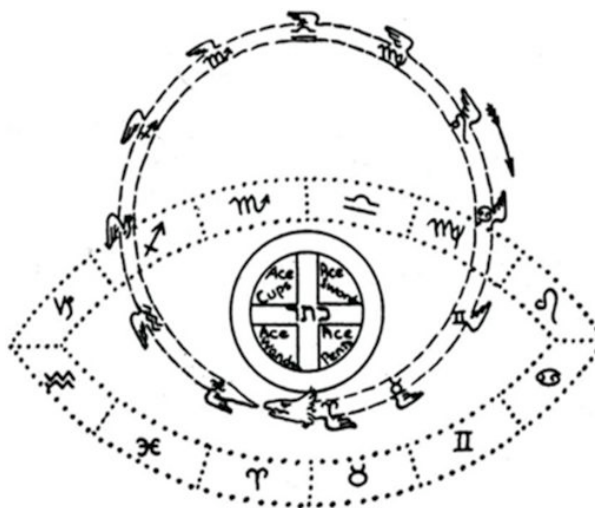
III. v (FIRE) v | v (WATER) v

IV. II. ^ (AIR) ^



(The attraction and repulsion of the Serpent of the Earth Triplicity only, is shown in this diagram to avoid confusion.)

LEAPING OR DARTING FORMULA



REVOLVING OR FLOWING FORMULA

the **Dragon Fomulae** of the *“Convolutd Revolution” of the Forces*

I. “Direct” or “Creeping” Formula (attributed to EARTH)

Here the “head” of Draco (called “caput draconis” in Geomancy) is given as in Scorpio, the “Fixed” sign in the season (Autumn) governed primarily by the element WATER. Thus, the “tail” of Draco (“cauda draconis”) is in the “Fixed” sign (Aquarius) in the next season (Winter), governed by the contraposed element of AIR. However, note, the “tail” and the “head” are closest to one another, while the rest of the body lies between them, with the middle portion of Draco being in the season of Summer. Here the “loops” in the body of Draco are in the Spring signs, governed by EARTH, and the signs of Summer, governed by FIRE. As mentioned, though, the “head” and “tail” are closest to one another on the circle of the signs, and so the “loops” (depicting the “convoluted revolution”) occur in the signs “preceding” the head and “following” the tail, such that the “loops” themselves occur in Taurus (Fixed EARTH of Spring) and Leo (Fixed FIRE of Summer). The entire arrangement of Draco, if viewed from above the Zodiac round, would be a square connecting the quadruplicities of the four “Fixed” signs, one each per mid-season. These depict the “convolution” to the “concourse” of the Forces because the elements associated with the “Princesses” (Primary element) of these signs and the elements associated with the “Aces” (fourth, or Least element) proceed in opposite directions from one another: the Aces “rotate” counter-clockwise (by aeonic solar “precession”), while the Princesses “rotate” clockwise (by annual lunar “widdershins”). The “Aces” (in “counter-clockwise” order from above Draconis) proceed: Ace of Swords (AIR), Ace of Cups (primary element WATER), Ace of Wands (element FIRE), Ace of Cisterns or Gnomons (EARTH). The “Princesses” (in c/c-w fashion from above) proceed in the standard fashion: Spring (EARTH), Summer (FIRE), Autumn (WATER), Winter (AIR).

II. “Looped” or “Flying” Formula (attributed to AIR)

While the other depictions of the “Dragon Formulae” are at a more or less 45° angle from the flat surface of the ecliptic Zodiac round, this diagram depicts the relationships described by the others in the more easily recognisable format usually given, as a perfect circle. Thus, the same relationship just described by the “Direct” or “Creeping” formula (that the elemental attributes of the “Fixed” signs or “Aces” rotate opposite the direction for those of the “Princesses”) is shown here as the “Common” signs of the same four Seasons. Instead of the twin “loops,” a “head” and “tail” of Draco, we see instead four “serpents,” one for each quadrant. The placement of the heads, bodies and tails of these “serpents” relative to the Seasons is less important than their essentially quadrangular arrangement.

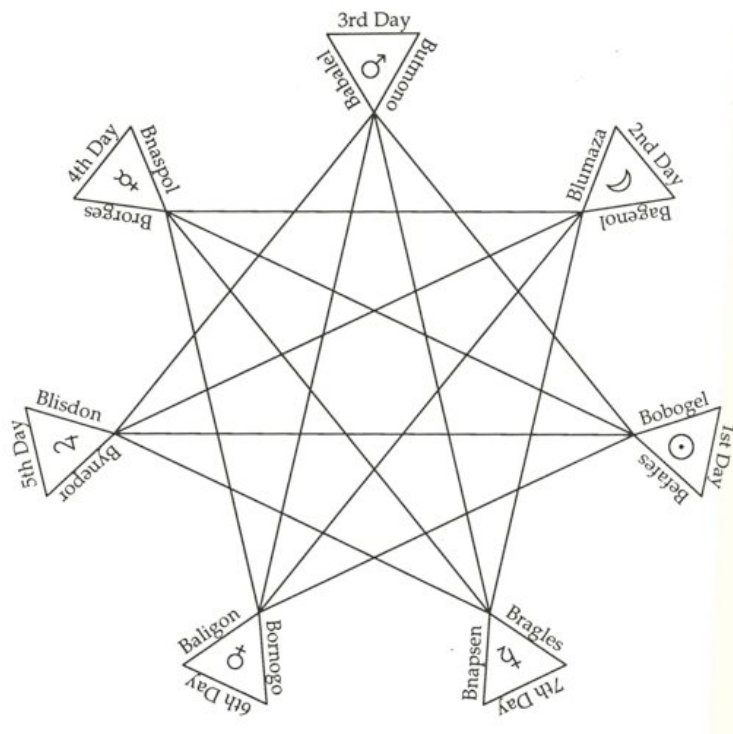
III. “Leaping” or “Darting” Formula (attributed to FIRE)

Unlike the “Looped” or “Flying” formula and the “Direct” or “Creeping” formula, this formula deals with one of the four triangles that can be extrapolated from the base-12 system of the Zodiac. Here, the triplicity connects the signs Taurus, Virgo and Capricorn on the Zodiac round below. It should be duly noted that each such “triplicity” connecting signs on the Zodiac round also implies the triplicity of its contrapositive elemental force, where the mid-signs opposite the connected signs apply, as the mid-points of the legs between the points of the triangle. Those given as “opposite” the “EARTH” triune, represented here as “footed,” are thus Scorpio, Cancer and Pisces, or the so-called triune of “WATER,” here depicted as “winged.” Again, note the opposite direction of progression for the signs “above” and those “below.”

IV. “Revolving” or “Flowing” Formula (attributed to WATER)

This formula is simplest of all, depicting the opposite directions of the “Aces” and “Princesses.”

Zalewski's model of the twelve "Angelic Kings" of John Dee



Zalewski's model of the seven "Kings" and "Princes" of Dee's "Bonorum"

:: Lesser Systems ::

Before we can begin to apply Mathers' color-coded model for the "Concourse of the Forces" to the "Enochian" system of Dr. John Dee, we first must dispense with those aspects of Dee's systems that the Golden Dawn did draft models for, but for which models they provided only the briefest explanation. Of these types we find the model of Dee's twelve "Angelic Kings" over the 12 tribes of Israel, the model for the arrangement of the 7 "Kings" and "Princes" of John Dee's "Bonorum," both given by Pat Zalewski; as well as the Golden Dawn use of Rudd's version of Dee's 7 "Ensigns."

Zalewski's model of the twelve "Angelic Kings" of John Dee

This model presents the 12 "Names of God," as given on 3 banners per each of the 4 directions by John Dee, as they were related to the names of the 12 "Angelic Kings" over each of the 12 Tribes of Israel, used in the Golden Dawn. Zalewski takes pains to segregate his own model from earlier models given in the "unpublished papers" of Mathers, however it is clear that some form or other of this model was in use among the initiates during the later years of the Order.

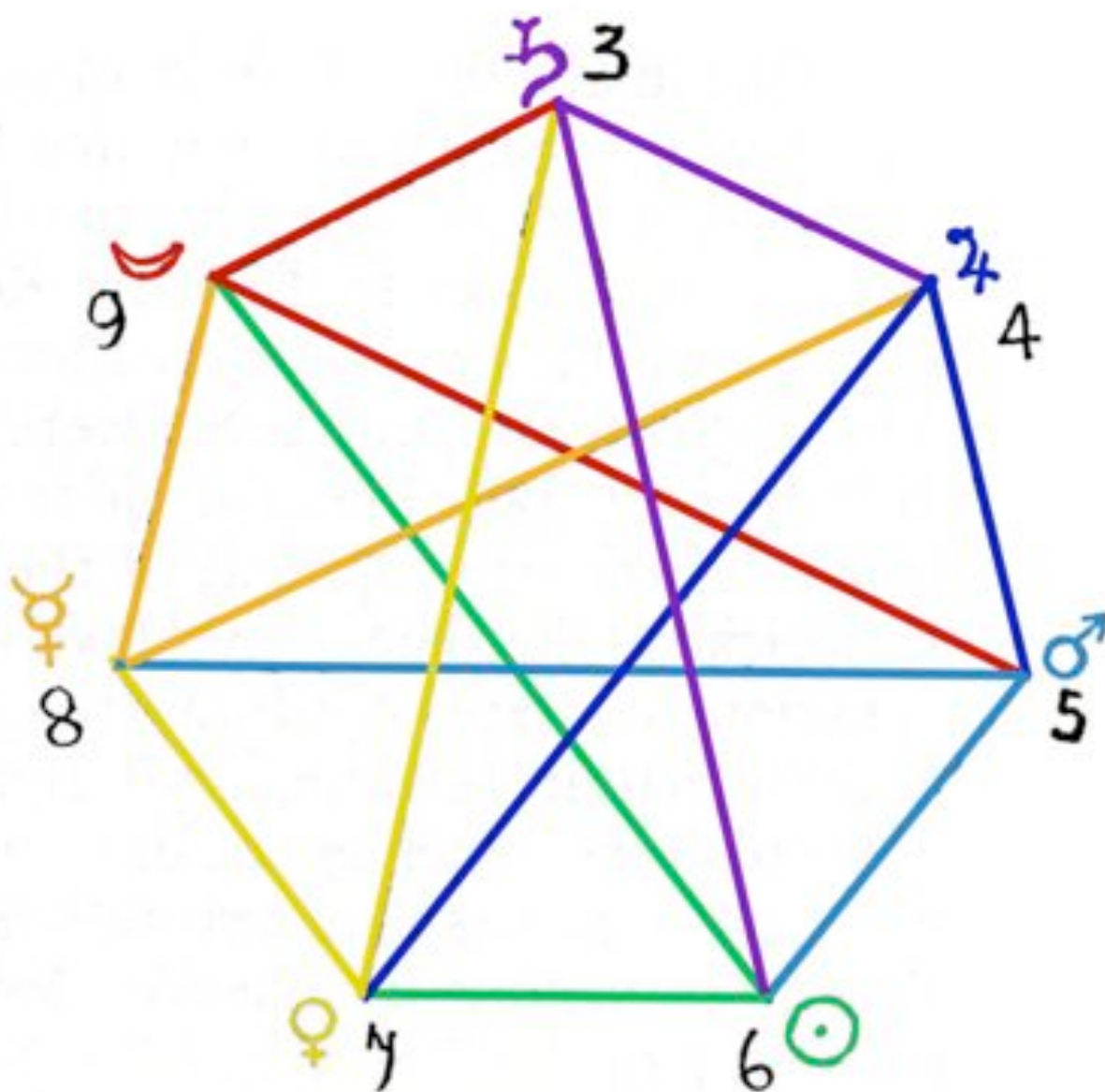
In this model we have the "Name of God," of three, four or five letters each, given on the outermost side of each of the 12 triangles. On the inner two opposite sides of the triangles are the 7 letter names of "Angelic Kings" given by Dee and the Tribe of Israel to which they were assigned in the Golden Dawn. It is apparent that the order relating the 12 "Names" and "Kings" given by Dee to the 12 Tribes derived from the application of the Tribes to the 12 Zodiac signs, and that this was a method applied by the Golden Dawn, and not Dee. In all likelihood, the application of the Tribes to the 12 Zodiac signs would have been a profane attribution of which Dee himself would never have approved.

This order is more or less useful therefore to relate the 12 Tribes with the 12 Zodiac signs, and from there to the 12 "Names" and "Kings" given by Dee, however, as with all the material generated by the Golden Dawn following Dee's original system, it should be taken with a grain of salt, and every attribution should be checked and double-checked by any ardent researcher.

Zalewski's model of the seven "Kings" and "Princes" of Dee's "Bonorum"

This model for the arrangement of the "Kings" and "Princes" of John Dee's "Bonorum" relates the planets in an order of counter-clockwise days as given by Dee in his workings. This arrangement of the seven planets in a counter-clockwise array is then further divided into the relations of duplicities and triplicities to render the two standard forms of a heptagram. While visually appealing, this model using the heptagram is secondary to the counter-clockwise circular arrangement of the planets themselves and, it should also be noted, while this is presented c/c-w here, it could just as easily be presented as clockwise. Again, the student is admonished to study fastidiously all other systems of relating these attributes as well, in order to understand what order will work best regarding which given system.

For example of the application (and missed applications) by the Golden Dawn to the lesser system of the Bonorum, let's briefly consider the following color-coded diagram, in order to familiarise ourselves with the colours of the planets, before going on to apply the colour-coded "Concourse of the Forces" method to deriving elemental, Zodiacal and planetary attributions for the 4 Watch-towers of John Dee's "Enochian" System.



The Days of the Week

Read around the Hexagon, the (magical) Order of the Seven Sacred Planets. Read along the Hexagram, the order of the days of the week. (It is believed that this neat discovery is due to the late G. H. Frater D.D.C.F.)

The Heptagon of the Planetary Kamea and the Heptagram of the Days of the Week (colour-coded)

This model, given b/w in “The Book of Thoth” by Aleister Crowley, here coloured, depicts a unique and, as noted, new arrangement for the placement of the basic 7 planets in a circle.

Previous arrangements usually give the inverse of this placement, such that the 7 days follow the course “around” the Heptagon (which Crowley falsely labels a “Hexagon”) with the order of the Planetary Kamea being traced “along” the Heptagram (which Crowley falsely labels a “Hexagram”). (Confer the per diem-based arrangement regarding Dee’s “Bonorum” by Zalewski on the last page.)

The numbers on this arrangement refer to the base-units per square of the “Kamea” (or “magic” number-squares) of the seven classical planets. Therefore, the “Kamea” of Saturn consists of a square whose sides all consist of three square divisions each. Thus, the total number of unit-squares per “Kamea” number-square for each planet is the sum, given here, squared. Again, using the example of Saturn, three basic unit-squares to the second power will yield nine, etc.

From the progression of the base-units per “Kamea” number-square of the planets, we yield what Crowley here calls their “(magical) Order,” proceeding clockwise from top. Thus, by connecting the 7 points of this Heptagon, by skipping two points between one and the next, with a line, we form the Heptagram which Crowley notes gives “The Days of the Week.”

As to the colour-coding used in this diagram, it is unique from the previously discussed “Queen’s Scale” of colouration for the Zodiac signs, planets and elements. In this diagram we are working on a base-7 system, so I have coloured it using the seven colours of the basic spectrum of a prism.

It should be noted that any system of colours can be applied to any #-base system of symbols or set of attributes. The purpose of applying a colour-coding system to such an arrangement is only to make its inherent geometric relationships appear clearer. In point of fact, many of the arrangements of attributes we will be dealing with in the Golden Dawn section of this class on the “Enochian” System of Dr. Dee are blatantly inaccurate, or rather, arranged in a manner not congruent with current observable data. It should be noted and noted again that the arrangements given by the Golden Dawn are only a starting-off point, like the “Base Camp” of mountaineers, and should not be so venerated that their errors be replicated. Apply them where useful and learn from them what you can, and remember that the motto of the “Equinox” is “The Method of Science, The Aim of Religion” and not the other-way around.

Therefore, read this diagram in the method thus: the Sun and Sunday are coloured Green. The “Kamea” order of the colours depicts the shorter line, “around” the Heptagon, and the Days of the Week depicts the longer line, “along” the (skip-2) Heptagram. So the “Kamea” of the sun would here be the Shorter, Green line, and the day of “Sunday” would be the Longer, Green line. Therefore we read: Monday = Red, Tuesday = Blue, Wednesday = Orange, Thursday = Indigo, Friday = Yellow, Saturday = Violet and Sunday = Green, and from this order we produce the points of each attribute on the Heptagram from two lines whose colours are “flashing” or complimentary.

Lastly it should only be worth noting briefly that the skip-2 Heptagram contains in its own centre the skip-1 Heptagram, and that the colouration for the points of the skip-1 Heptagram’s points of intersection are equally significant as those of the skip-2 Heptagram or those of the Heptagon.

the “Ensigns” of Dee and their “Goetic” attributes as given by Rudd

The last of Dee’s “lesser” Systems which the Golden Dawn left brief notes regarding is also known to have been used in their ceremonial magic rituals. For their purposes they took the model of Dr. Thomas Rudd (1583 - 1656), based in turn on the seven “Ensigns of Creation” formulated by Dr. John Dee.

Each of the seven planets was given its own “Ensign of Creation,” being a small lamén or tablet, although the actual use of these in ritual, purportedly in skrying, remains un-revealed.

The model used by the Golden Dawn was derived from Dr. Thomas Rudd by taking the naked letters given by Dee and replacing them with the names of demons drawn from the “Goetia” or “Lesser Key of Solomon.” Thus, each letter, most of which are the letter “B” (or symbolic variations of it), is assigned a name from the 72 demons of the “Goetia” that begins with the given letter. For example “Asmodai” is written here in place of the letter “A” as given by Dr. Dee. However, because there are more letters in Dee’s “Ensigns” than there are names of demons in Solomon’s “Goetia,” Rudd, and thus subsequently the Golden Dawn, appears to have assigned many of the names to more than one letter, and many different names, also, to the same letter. For example, we have here “Buer” for Dee’s letter “B,” then again, in another place, the name “Belial” where Dee has listed a “B.”

Although it is possible the relationship between the use of capital “B” and lower-case “b” (and their variants) may yield further insight on the ranks and files of these demonic attributes, such remains, to my knowledge at this time, unexplored. The work of Dr. Rudd, although contemporary to Dee, appears to be only a method of further encrypting the “Ensigns” given by Dee. Thus, in Dee’s lettered “Ensigns” we find the mystery of a lamén without any known sigils, which is then further obfuscated by Rudd’s mysterious application to these Lamens of names from the “Goetia.” Again, there is the most minute possibility that the sigils of the “Goetic” demons’ given in the “Lesser Key” are derived from these, Dee’s, “Ensigns of Creation,” and not the other way around, however the likelihood of this is so remote as to not be further considered at this time.

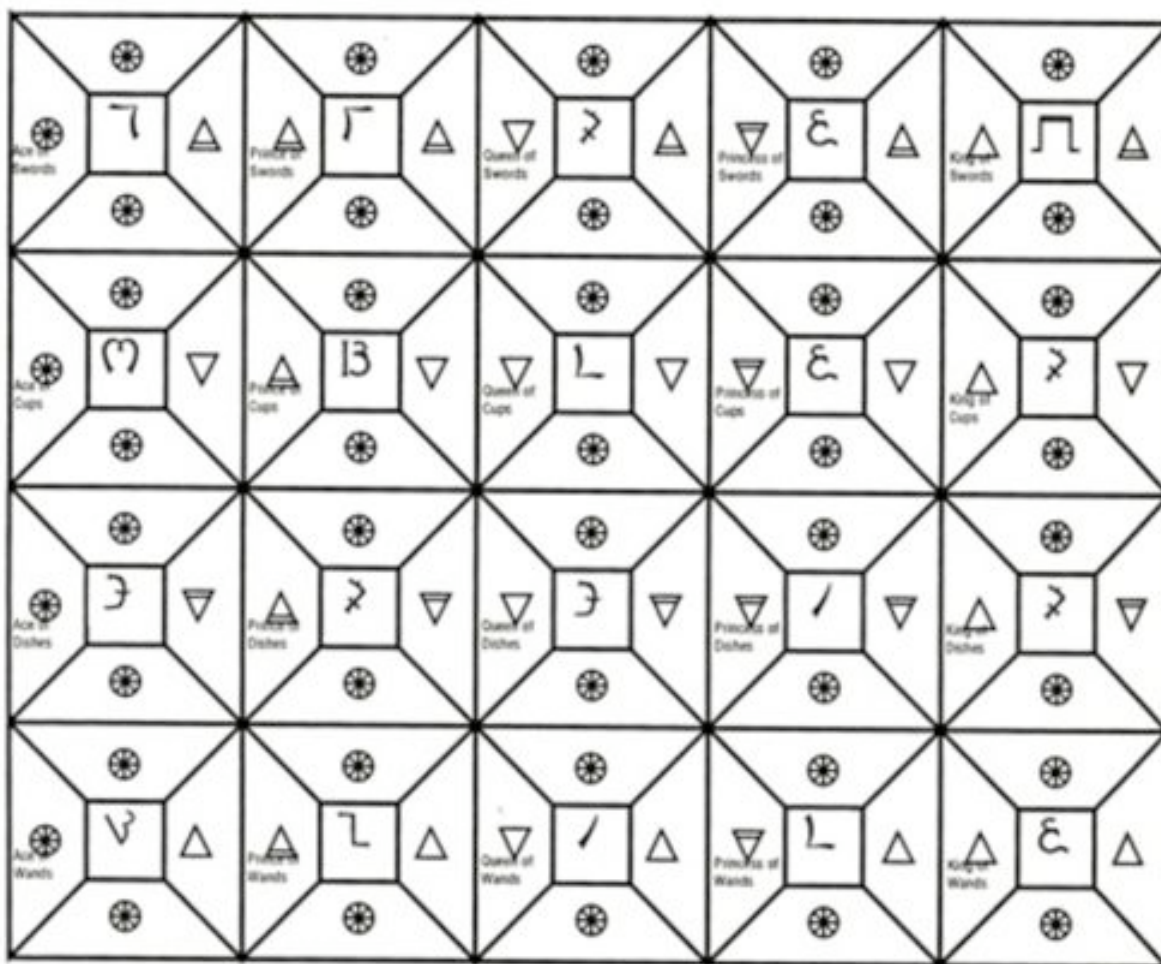
The more likely methodology of derivation for Dee’s “Ensigns” is to assign one “King,” one “Prince” or one of five “governors” for each of the letter “B”s per table from the “Bonorum” names for each planet, such that the capital “B”s would stand for the “Kings” and “Princes,” while the lower-case “b”s would stand for the lesser-ranking “Governors.” This method, while possibly more accurate to Dee’s original intent, was not applied by the Golden Dawn, in favour of the methods of Dr. Rudd, and so we cannot go further into it here, however I would like to encourage the arduous student of Dee’s systems to work with these “Ensigns” in the manner I have suggested, and to disregard the method of Rudd and the Golden Dawn as based on a method of further encryption, unless for the purpose of applying it as such.

~ ~ ~

Now that we have dealt with the “Lesser” of John Dee’s systems, let’s get back to establishing how to apply Mathers’ given “Concourse of the Forces” system to Dee’s 4 Watchtowers of his “Enochian” System. First we will examine the manner of arriving at the placement of the traits, and then following from this we will assign each trait its own colour-code, as already given. It is encouraged, from this point on, for a student of this text booklet to refer to the colour-plates in the back few pages in order to gauge the relationship of these traits as we will be examining them in this next section only in b/w.

					
	ACE SWORDS	PRINCE SWORDS	QUEEN SWORDS	PRINCESS SWORDS	KING SWORDS
	ACE CUPS	PRINCE CUPS	QUEEN CUPS	PRINCESS CUPS	KING CUPS
	ACE PENTS	PRINCE PENTS	QUEEN PENTS	PRINCESS PENTS	KING PENTS
	ACE WANDS	PRINCE WANDS	QUEEN WANDS	PRINCESS WANDS	KING WANDS

The Golden Dawn method of Derivation for the “Tablet of Union”



The “truncated pyramid” model of the Golden Dawn’s “Tablet of Union”

Mathers' "Concourse of the Forces" applied to the 4 Watchtowers of John Dee's "Enochian" System

The "Tablet of Union"

The first thing we must consider in discussing the Golden Dawn version of Dee's "Enochian" System is their innovation on Dee's "Black Cross" (the area dividing the 4 Watchtowers into quadrants on the "Great Table"), called by them the "Tablet of Union." By taking the 20 unique letters given by Dee in the "Black Cross" and arranging them on a grid of 4 X 5 squares, the Golden Dawn give us their "palette" for working with the "Concourse of the Forces" attributes.

To read the table, above left, given by the Golden Dawn for constructing the "Tablet of Union" we must refer back to the first "Concourse of the Forces" chart given previously, "the 3 types of 12 essential Quadruplicities." Here we will be dealing not with the elemental attributes on the right column, but only with the attributes of the "Aces" given between these and the Zodiac signs on the left. To the "Aces" thus, we assign the attribute of Spirit, depicted as the 8-cruxed circle, or sometimes as the pentacle star. Now, an "Ace" for any suit corresponds in the preceding chart to a particular arrangement of the 4 elemental forces, a specific so-called "quadruplicity." However here, the "Aces" all relate to the elements as they are given in the same order, following Spirit on the far left, as AIR, WATER, EARTH, FIRE, and the reason for this order of these attributes is assumed to be understood as a derivation of elemental "quadruplicities" from their total permutative set of 16 different squares (each of 4 X 4), such that there could, rightly, be fifteen other such arrangements for the "Table of Union," even given permutative variations on this same sequence for the letters / elements. In subsequent literature to this initial arrangement, the choice has been made to follow the same order for these elements as given here, without question or any exemption. I have found this ordering of the elements to be arbitrary and, ultimately, unsatisfactory, however I am not prepared in this session to discuss my own findings applying these attributes. It will suffice a student here only to know that better arrangements do exist, and that these should be used, when and if possible, in favour of the earlier errors in attribution made by the Golden Dawn.

What we will deal with here are the Golden Dawn's unique contribution to the "Enochian" System of Dr. John Dee, that being the so-called "truncated pyramid" design for each "Kherubic" base square. To the lower-left here you can see the "Tablet of Union" transcribed into this "truncated pyramid" motif, with the Enochian letters in the centre of each, at the "top" of the figurative "truncated pyramid." Thus, surrounding the central letter in 4 quarters, are the 4 "sides" of the "truncated pyramid." On each "side" we see a re-combination of the elemental traits listed above-left as they relate to the columns and files of the "Tablet of Union."

On the upper-most and lower-most "sides" of the "Tablet of Union," we will always have the element of "spirit," however in subsequent applications of this method to the 4 Watchtowers, we will also be working with using these "sides" to represent various elements or other attributes as well. We see here that the left "side" is always derived from the elemental symbol given "above" the column, while the right "side" is always derived from the elemental symbol given "beside" the file or row. Thus, for each aspect of "duplicity" re-combined elemental attributes, we find the placement of its "purest" aspect shifts diagonally from one row and column to the next. Thus "air of air" is in the upper-left beside Spirit, while "fire of fire" is in the lower-right. Each combination is read "left to right," such that the column-attribute is read first and the line- or row-attribute is read second; for example, the attributes assigned to the "Queen of Pentacles" we would read as "water of earth;" etc.

The translation of the letters in the "Tablet of Union" is unimportant, but can be given on request.

<i>Yod</i>	(lower-right)	=	FIRE
<i>Heh</i>	(upper-right)	=	WATER
<i>Vav</i>	(upper-left)	=	AIR
<i>Heh</i> (Final)	(lower-left)	=	EARTH

the method of applying the Tetragrammaton to the 4 Elements

part 1: Mathers

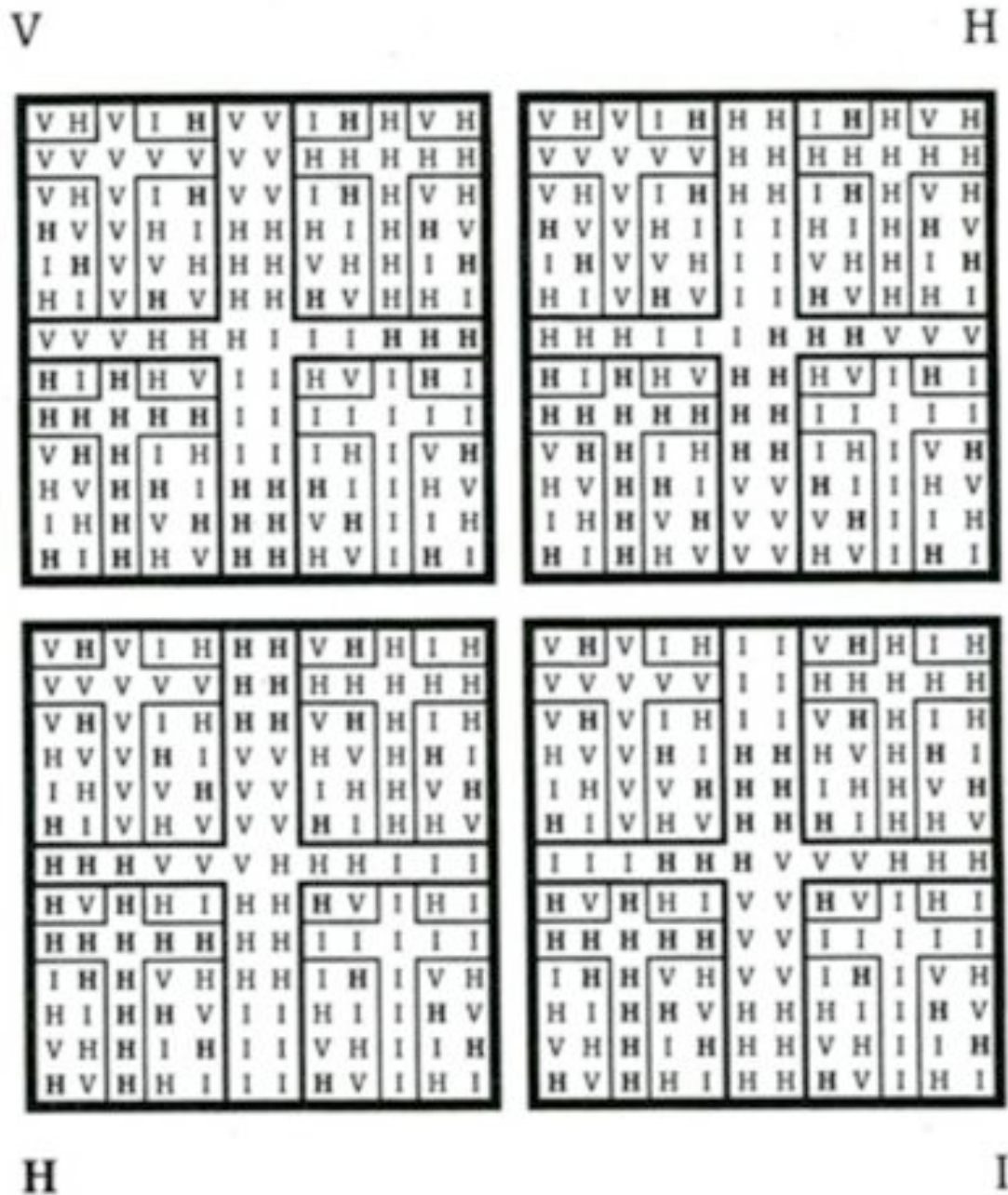
The Tetragrammaton, or “four-letter” Name of God, given as “Yod” (Y or I), “Heh” (H), “Vav” (V or W), “Heh” (Final H), and pronounced variously “Yahweh” or “Yod-Heh-Vau-Heh,” can be correlated to represent the 4 elements. Use of this method could be seen as profane unless the attribution of the given letters to the 4 elements were absolutely accurate. Unfortunately, again, in Mathers’ case the attributions he derived by this method are far from perfect.

Mathers began by assigning “Yod” (the large letter in the lower-right of the diagram on the facing page) to the element of FIRE, Heh (upper-right) to WATER, etc. not according to the order in which he placed them on the “Tablet of Union,” but on the order they occur according to his diagram of the pentagram on the Zodiac round (given initially). While this ordering is sufficient for working out the elemental attributes on the 4 Watchtowers, it is far from being the only method applicable by which to do so. In point of fact, assigning the same letters in the same order as given in this diagram to the elements in an order other than that given here will yield wildly different results, as well as vice versa, substituting different orders of elements for the same order of letters. The good student is encouraged to find their own method of extrapolation based on this given system. My own investigations into applications of this method took weeks, however for someone without days at a time to devote solely to its study, the matter may take longer.

Following this initial assignation of the Tetragrammaton to the 4 elements, Mathers next assigned one of each of the 4 letters to each of the columns and rows of the 4 Watchtowers of John Dee’s “Enochian” System. The result is that each of the 16 squares of every “sub-angle” per “quadrant” (Watchtower) on the “Great Table” is assigned a unique re-combination of the 4 letters, and thus of the 4 elements, such that no two given “sub-angle’s” re-combinations are the same. In effect, what Mathers has done is apply the 16 possible re-combinations of the 4 X 4 combinations of the 4 elements to the 16 sub-angles of the 4 Watchtowers. While this idea is pure genius, Mathers’ application of the method leaves much to be desired. For example, consider that neither the lower-right sub-angle of the upper-right quadrant, nor the lower-left sub-angle of the same quadrant, nor the lower two sub-angles of the lower-right quadrant, nor any of the sub-angles of the lower-left quadrant, have both sets of interior-numbering, as do the rest; note also that the upper- and lower-right sub-angles of the lower-left quadrant, and the lower-left sub-angle of the lower-right quadrant, do not even have any interior numbering at all. This is not an error. It is because, as Mathers recognised, his working of this system required that not only must he repeat 4 of the 12 sub-angles in order to complete the 16 total sub-angles of the 4 Watchtowers, but that, by his choice of order of the 4 elements relative to the 4 letters, he would have to select the 4 sub-angles he wanted to repeat not based on their locations in the 4 Watchtowers arrangement, but on the attributes given for the 4 elements in his diagram of the Pentagram’s relation to the Zodiac round.

As we will soon see, each of the 4 X 4 elemental re-combinations per sub-angle (the 16 squares Mathers described as “subserviant” to the sub-angle’s central “Calvery” Cross of 10 squares) yields its own variation of the initial “Tablet of Union,” and that, ultimately, these can be applied to the different signs of the Zodiac round using this same method of the “Concourse of the Forces.” Next, let’s look at the completed version of Mathers’ diagram of the 4 Watchtowers’ elemental attributes as derived by application of the Tetragrammaton, compiled by Donald Tyson.

the completed model of the 4 Watchtowers and the Tetragrammaton



Letters of IHVH on the Watchtowers

Attributes given as same:

- I = FIRE
- H = WATER
- V = AIR
- H = EARTH

the method of applying the Tetragrammaton to the 4 Elements

part 2: Tyson

Where Mathers leaves us only his own preliminary notes to complete the working of this model, thus implying his knowledge of his own version's cumbersome, unworkable nature, Donald Tyson picks up and gives us not only a completed chart based on Mathers (shown here), but also a reformed chart (given in his work "Enochian Magic for Beginners") of his own working based on the reformed order of Raphael for the arrangement of the 4 Watchtowers on the Great Table. I won't delve into Tyson's own model, because he was not one of the original members of the Golden Dawn, however one cannot discuss the modern applications of Golden Dawn "Enochian" magick outside of the Golden Dawn Order itself without giving credit to Donald Tyson's work.

Here, Tyson's completed version of Mathers' model also fills in the letters for the "Calvary" Crosses, as well as for the "Dekanate" Crosses central to each Watchtower quadrant of the "Great Table" shown here. Because his attribution in this model follows Mathers,' the Calvary Crosses of each sub-angle are given the same order as the Watchtowers per quadrant in the whole "Great Table." The ordering of the letters in the Kherubic crosses we will discuss next, however, before we can discuss that, we will first have to discuss also Mathers' Golden Dawn method of rendering attributes for the sub-angles' squares other than, but based on, these initial elemental re-combinatory attributes given here. So, in order to come to his method for sorting out traits for each of the 5 X 6 square sub-angles, and given Tyson's completed chart, let us look more closely at Mathers' method for deriving the elemental re-combinations per each square themselves.

As shown, where two letters intersect in Mathers' short-hand chart, Tyson shows us one letter, and in many of the squares Mathers' shows us no letters, Tyson has given us an order to follow. So, how does one follow from Mathers' intersections to Tyson's letters? The letters given for the columns and rows by Mathers are translated into "duplicitous" re-combinations of elements, such that the row or file will read the "bottom" or lowest "side" of the "truncated pyramid" per square, and the column will be read on the "top" or uppermost "side" of the "truncated pyramid" per square. Tyson's letters, then, refer to permutations of elements to be calculated as a derivative of these co-ordinate intersections. To understand Tyson's method of yielding his set of elemental letters, we have to first more fully understand Mathers' method of assigning attributes alike each combination of same.

Mathers' "Duplicities" comprise a system of co-ordinate pairs, each with one of only four possible values. However, where these co-ordinate pairs intersect, Tyson provides them reduced to a single value, of the same sum set. So how does one derive from a pair? What Mathers' "duplicities" or co-ordinate pairs imply is that a third attribute can be assigned at each juncture point between these four basic elemental values. The result of this implication is Mathers' application of the $4 \times 4 = 16$ possible re-combinations per sub-angle to a set of 16 symbolic attributes. Thus, by tracing the pattern of Mathers' 16 values per 4×4 sub-angle, we can learn how Tyson attributed his letters to each square. Suffice to say here only that all the letters are the same diagonally right or left.

Before going on, it is best for the student to be reminded that this system, while extremely complex, is not altogether accurate and, to put a final head on it, must be studiously reworked by any serious adept for an accurate assignation of the traits to become clear.

the method of deriving the traits for the 30 squares of each sub-angle

	⚔	♈	4	♏	♊
	☾	♂	☉	♀	♀
י	♈	♈	7	♏	♊
ה	⚔	♈	8	♏	♊
ו	♈	♈	9	♏	♊
א	♈	♈	10	♏	♊

Given here is Mathers' example of the "EARTH" sub-angle of the "WATER" quadrant, that is, the sub-angle in the lower-left of the upper-right quadrant of the "Great Table" of the 4 Watchtowers.

In this manner, by example, Mathers' demonstrates how the given attributes are derived as unique per square based on the method of co-ordinating pairs of values from the base-4 set of elements. Here, as before, Yod = FIRE, Heh = WATER, Vav = AIR and Heh (Final) = EARTH. Thus, the elements are listed as letters along the left side, proceeding from the third letter down, upwards, and looping around to connect the third letter at the top to the fourth letter at the bottom. Such has been the method we have been working with thus far. Along the row connecting to the element Heh (final), for EARTH, we find listed the elements given for the columns of this sub-angle, such that in the second column from the left-most, we find FIRE (for Yod), followed, across the square of the "Calvary" Cross, by WATER (for Heh), and then by AIR (for Vav) in the right-most column. Where Heh (Final) of the rows overlaps with the EARTH elemental aspect of the columns, Mathers has listed the planet Saturn. Note, however, this attribute is arbitrary and does not need to be repeated.

For the rows besides that governed by Heh (Final) and thus by the element EARTH, we find that Mathers has assigned the signs of the Zodiac round. They progress in such an order that, for the rows, we see the Yod (FIRE), Heh (WATER) and Vav (AIR) on the left flank align with the signs of the Zodiac described previously as "Cardinal" or "Common," "Kherubic" or "Fixed," and "Moveable" or "Mutable." Yod (Fire) aligns with the Cardinal signs; Heh (WATER) aligns with the Fixed signs; Vav (AIR) aligns with the Mutable signs. Thus we see in the example above that Capricorn, Aries, Cancer and Libra are the Cardinal signs of Yod (Fire), that Taurus, Leo, Scorpio and Aquarius are the Fixed signs of Heh (WATER) and Virgo, Saggitarius, Pisces and Gemini are the Mutable signs of Vav (AIR). The top-most squares follow from the "Aces" as the Fixed Signs.

Despite Mathers' attributes of the elements to the letters of the Tetragrammaton, and thus his placement of values per co-ordinate intersection on each square of the sub-angles, being essentially arbitrary, based on an order of occurrence for the elements that is, in point of fact, contradicted repeatedly within his own working material, the assignation of the Zodiacal signs to the co-ordinate intersections of letters themselves is of a steadfast worth for consideration.

There are two significant features we need not overlook in our investigations of this system: first, by doubling the signs of FIRE (for spirit) and thus EARTH (from spirit), Mathers has cleverly substituted a system of 20 for a system of 12. This may be worth returning to later, and I cover this extensively in my own research, however I will not be presenting that here, though it is available upon request.

The second significant feature of Mathers' system of attributing the Zodiac signs to the elemental co-ordinate intersections per square is that, by running the column sequence in one order (that is, in a certain direction, up or down, and according to one of $4 \times 4 = 16$ possible permutations), and the row-sequence in another order (that is, in a certain direction, left or right, and according to the same sum of permutations, but placed differently) the Zodiac signs where the columns and rows intersect thus proceed, according to their lunar sequence during the mean year, diagonally.

In the example given by Mathers of the "EARTH" sub-angle of the "WATER" quadrant, we can begin with the Zodiac sign Aries, the sign of the Spring Equinox according to the chart given initially for the "3 types of 12 essential quadruplicities." From Aries by the progression of the signs in a mean year we follow to Taurus. This assigns the direction of the diagonal "Concourse of the Forces" for this sub-angle as being upwards and to the left, because Taurus (water of earth) is in the Heh (WATER) column above and to the left of Aries, which is (fire of fire) in the second column from the left and the second row from the bottom, at the intersection of Yod with FIRE.

From thence, we can follow all the other Zodiac signs around in the same diagonal fashion by skipping from one row to the next and one column to the next according to the given direction. So we find following Aries and Taurus; Gemini; Cancer, Leo and Virgo; Libra, Scorpio and Sagittarius; Capricorn; Aquarius and Pisces; and from thence connecting back again to Aries and Taurus.

Just as the first three letters of Tetragrammaton designate four Zodiac signs per each of the Common, Fixed or Mobile types, so too do the row of elements for Heh (Final), given for EARTH, correspond to the three signs of the Zodiac per each of the 4 elements. The result of this crossing is that the three signs Pisces, Aries and Scorpio represent duplicities compounding a particular element: Scorpio = water of water, Aries = fire of fire and Gemini = air of air, such that Gemini is the Mutable sign of the element AIR; Scorpio is the Fixed sign of the element WATER, and Aries is the Common sign of the element FIRE.

Thus, in the following depictions of the "truncated pyramid" models for the combination of Mathers' "Concourse of the Forces" with Dee's "Enochian" Watchtowers, the elements per "side" of each square, for each of the 16 "subserviant" squares per sub-angle, will follow the order thus:

"top" or uppermost "side" = the element derived per column or rank according to the EARTH row

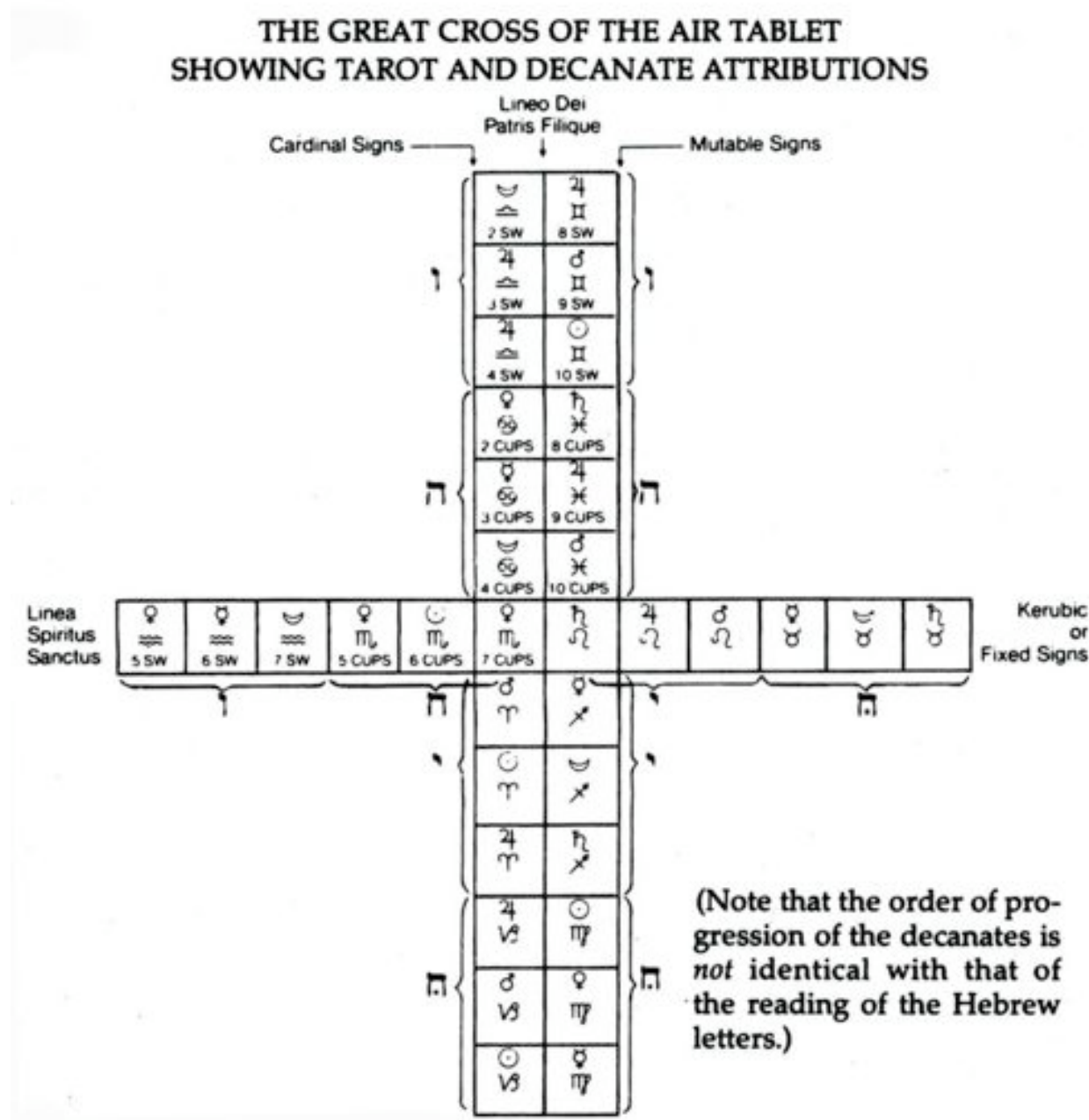
Left "side" = the element of the quadrangle or Watchtower, in which the sub-angle occurs.

"bottom" or lowest "side" = the element derived per row by file of the Tetragrammaton letters.

Right "side" = the element of the sub-angle per each of the 4 Watchtowers; order given as same.

While it should now be understood Tyson's letters for the sub-serviant squares of the sub-angles follow from the diagonal directions of the progression of the Zodiac signs according to the mean year as they occur resultant from the co-ordinate intersections of elemental pairs, the remainder of Tyson's letters have yet to be explained, namely those derived for the "Dekanate" Cross central to each of the 4 Watchtower quadrants. These letters, like those of the sub-serviant sub-angle squares, do not refer to pure elements, but to elements that are mixed and thus attributed to signs of the Zodiac. These Zodiac signs are also extrapolated and placed onto the "Dekanate" Cross, and planetary attributes assigned to correspond with them according to another pre-existing order.

Here is the "**Dekanate**" Cross of the upper-left quadrant Watchtower of the Great Table:



It is also necessary to note that the "Dekanate" Cross of each quadrant, as opposed to the "Calvary" Cross (of ten squares) per each sub-angle, is a square cross of six units length per leg.

The “Dekanate” cross is more usually called the “Cross of the Dekans,” because here we see three squares assigned per each Zodiac sign, in accordance with there being three dekans per Zodiac sign. Although the methodology of deriving these dekans is a good deal more complex than this, the Golden Dawn following Mathers have been content to express the “Dekanate” attributes using the signs of the seven classical planets.

Let us begin to examine this diagram by noting that here the attributes of the Hebrew letters of Tetragrammaton are the same as before, with Yod = FIRE, Heh = WATER, Vav = AIR and Heh (Final) = EARTH. With this beginning, let us observe how the traits of the four letters / elements govern three signs each of the Zodiac: each of the letters represents an elemental column aligned from the 4 elements of the EARTH row, such that: Aries, Leo and Saggitarius align with FIRE (given as Yod in the Dekanate Crosses); Cancer, Virgo and Pisces align with WATER (Heh); Libra, Aquarius and Gemini align with AIR (Vav), and Capricorn, Taurus and Virgo align with EARTH (Heh-Final).

While the symbols for the signs of the Zodiac are not applied to any of the sub-serviant base-squares per sub-angle in the final arrangement of “truncated pyramids” on the 4 Watchtowers, and are only used in the Crosses of the Dekanates; and the planetary glyphs, likewise appearing only there, used also only to represent the dekans per Zodiacal sign (as we are about to discuss); their placement is nonetheless very important to a comprehensive understanding of the method by which this system is derived. For example, Tyson’s completed model of Mathers’ short-hand notation for the derivation of the “Councourse of the Forces” diagram from Dee’s Enochian Watchtowers yields the diagonol arrangement for the sub-serviant sub-angle squares’ letters, as well as the placement for the letters on the Crosses of the Dekanates, by applying the method described by Mathers of intersecting co-ordinate values drawn from the table of the four elements. In other words, while the Zodiac signs might not appear for the sub-ordinate sub-angle squares in the given “truncated pyramids” models we will be looking at next, we should remember that they are, indeed, there and, moreover, necessarily so in order for the Crosses of the Dekanates to be formed.

Now, to examine the method of arranging the Zodiac signs on the Cross of the Dekanates, because this method yields different results for each of the 4 Watchtowers, we have to look at the “planetary rulers” attributed to each “Dekan” (3 per sign) for the 12 signs of the Zodiac. Firstly, because these lines are all base-6, it would be impossible to sort the 7 classical planets into each. Secondly, the order given to the planets as they are attributed to the Dekans is derived from a chart given by Mathers in Regardie’s text contained in Book “T” - The Tarot, which I will not belabour the student to reproduce here. Suffice it to say that the planets are attributed as dekans per sign in the following order, beginning with the first third of Aries, the mid-sign of Spring:

Mars,	Sol and	Venus	=	Aries;
Mercury,	Luna and	Saturn	=	Taurus;
Jupiter,	Mars and	Sol	=	Gemini;
Venus,	Mercury and	Luna	=	Cancer;
Saturn,	Jupiter and	Mars	=	Leo;
Sol,	Venus and	Mercury	=	Virgo;
Luna,	Saturn and	Jupiter	=	Libra;
Mars,	Sol and	Venus	=	Scorpio;
Mercury,	Luna and	Saturn	=	Saggitarius;
Jupiter,	Mars and	Sol	=	Capricorn;
Venus,	Merucry and	Luna	=	Aquarius; and
Saturn,	Jupiter and	Mars	=	Pisces.

Such that the sequence progressing thus: Saturn, Jupiter, Mars, Sol, Venus, Mercury, Luna repeats with the only exception being the duplication of Mars between final Pisces and first Aries.

In conclusion I should very much like to offer a grand, all-encompassing explanation unifying all the apparent mis-calculations applied in the Golden Dawn system of Dee's "Enochian" Magick, however instead all I can offer is a grand, all-encompassing apology for these same mistakes in the Golden Dawn system. Again, I want to encourage my students to explore this system and correct the faults (both those I have pointed out here and any others they might find) inherent within the Golden Dawn "Enochian" System material. Here are a list of some of the more glaring errors and "fatal" flaws given for the Enochian system:

- The choice by Mathers of the order for the elements when ascribing them to the letters of the Tetragrammaton is arbitrary. Thus, a "more perfect" method of ordering the elements than the order he has given in the Tablet of Union may be possible.
- The placement of the elemental / letters as "duplicitous" co-ordinate pairs per sub-angle is not necessarily fixed as a conclusive "Archetypal" arrangement. Thus, this implies that the coding for this arrangement can, and should, be modified into a better working order. Dee's "Visions of the Round House," recorded by Causabon and replicated by Tyson, can be applied to the diagonal precessions of the Zodiac signs in the sub-servant squares per sub-angle. The result will be more symmetrical and yield an "Archetypal" sign of the Zodiac over each sub-angle. This can be worked further until a proper Zodiac round is produced from the surrounding 12 sub-angles and the opposite elemental attribute per season is given for the 4 interior sub-angles.
- The attributions of the 4 elements to the sub-servant sub-angle squares, implied by the Astrological applications given by Mathers and carried through into the four triplicities assigned Tetragrammaton letters by Tyson, while colourful, are a less important aspect to include in the final "truncated pyramid" model of the 4 Watchtowers than their attributions to the signs of the Zodiac, however we have the draftsmanship of Aleister Crowley to thank for the following "truncated pyramid" diagrams for the 4 Watchtowers, and he appears to have chosen to present the arrangement using the attributes per "side" of each Kherubic base-square as given according to the manner listed, and according to only the most rudimentary application of Mathers' own symbolic and colour-coded system.

Aside from these brief and obvious missed attributions for the 4 Watchtowers of the Golden Dawn version of John Dee's "Enochian" System, a good student of this system will be able to quickly find many more, and should be encouraged, as stated, to check, to double-check, and again to triple-check, each correspondence before assembling their own model based on this method.

The method of rendering the "sides" for each "truncated pyramid" per "Kherubic" base-square is:

"top" or uppermost "side" = the element derived per column or rank according to the EARTH row.

Left "side" = the element of the quadrangle or Watchtower, in which the sub-angle occurs.

"bottom" or lowest "side" = the element derived per row by file of the Tetragrammaton letters.

Right "side" = the element of the sub-angle per each of the 4 Watchtowers; order given as same.

for the sub-ordinate sub-angle base-squares; for the "Dekanate" Cross central to each quadrant:

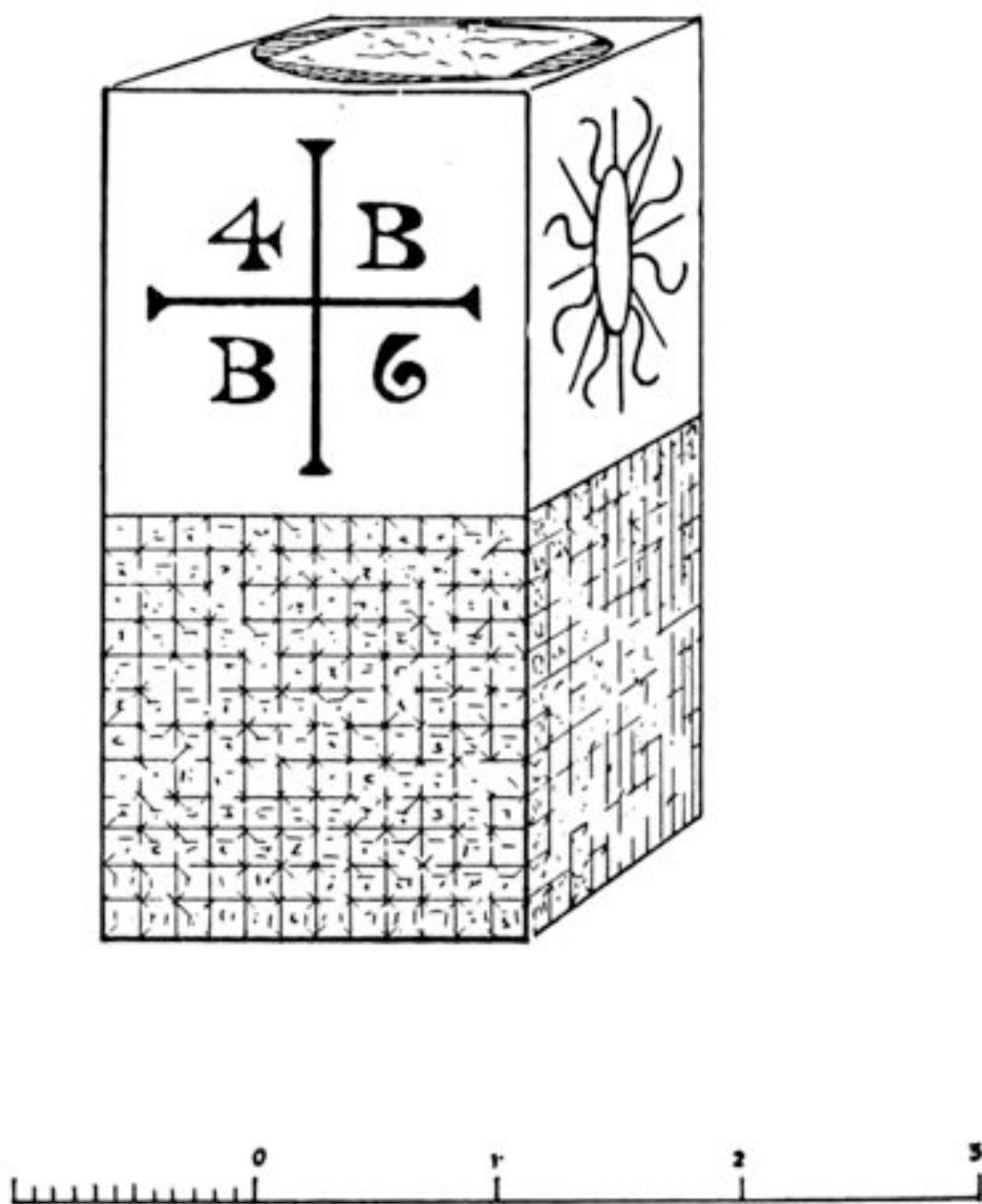
"top" or uppermost "side" = the element of spirit, marked by the 8-spoked wheel.

Left "side" = the sign of the Zodiac as derived from the 3 types of 12 essential Quadruplicities.

"bottom" or lowest "side" = the element of the Watchtower in which the "Dekan" Cross occurs.

Right "side" = the planetary glyph symbolising the order of progression of Dekans in each sign;

for the "Calvary" Crosses, the Left and Right "sides" of each "Kherubic" base are quadrant and sub-angle, the "top-side" is the element Spirit, and the "lesser-side" is one of ten numbers, representing the "Emanations" of the Sefirot, as described in the QBLH, and as depicted in the system of Grades in the Order given at the introduction to this session.

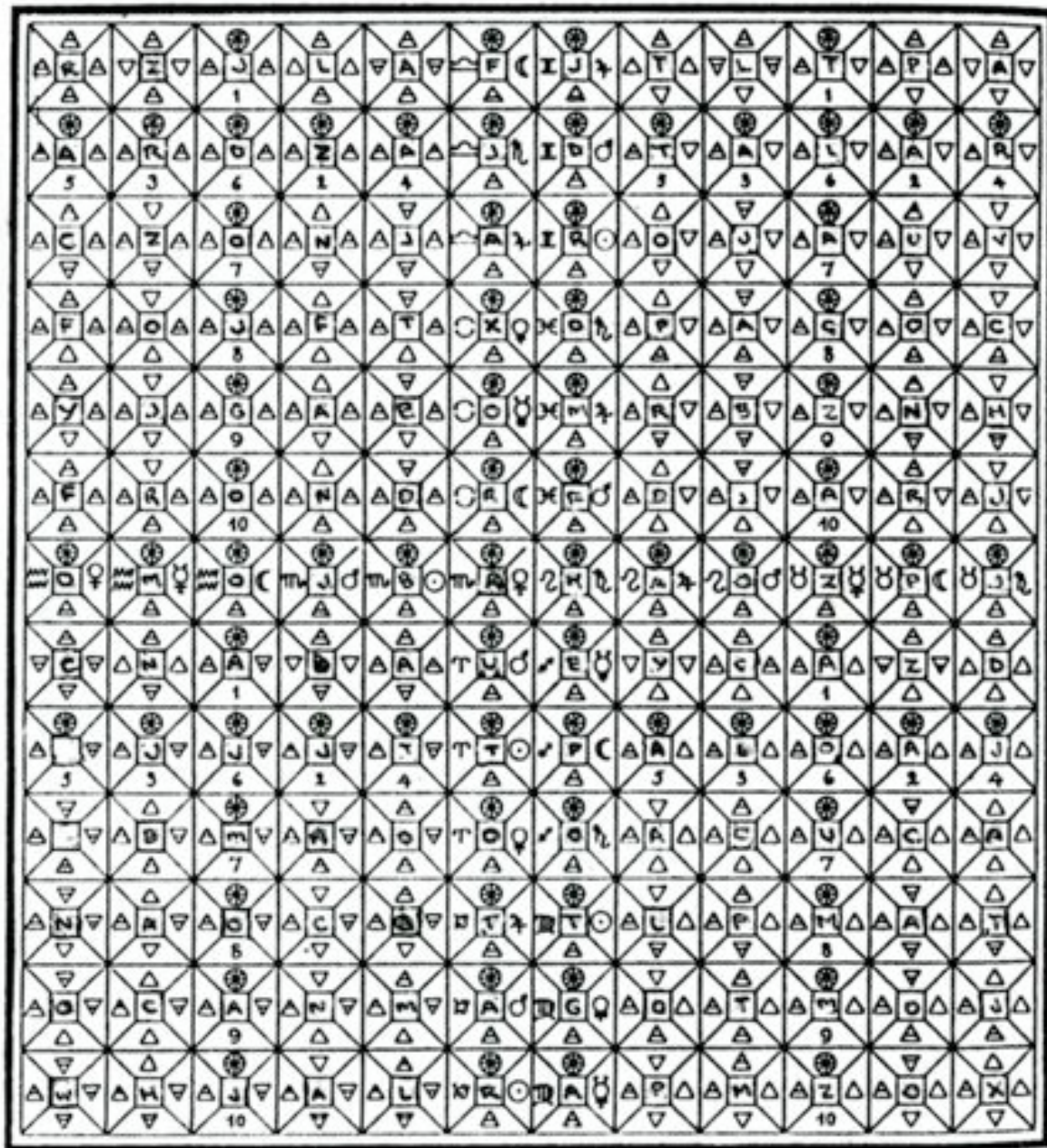


THE ALTAR. SIDE DESIGNS FROM DR. DEE, AS IN EQUINOX VII.

Crowley's system of constructing an altar based on the 4 Watchtowers of Dee's "Enochian" system, as related to the "Concourse of the Forces" method of Mathers.

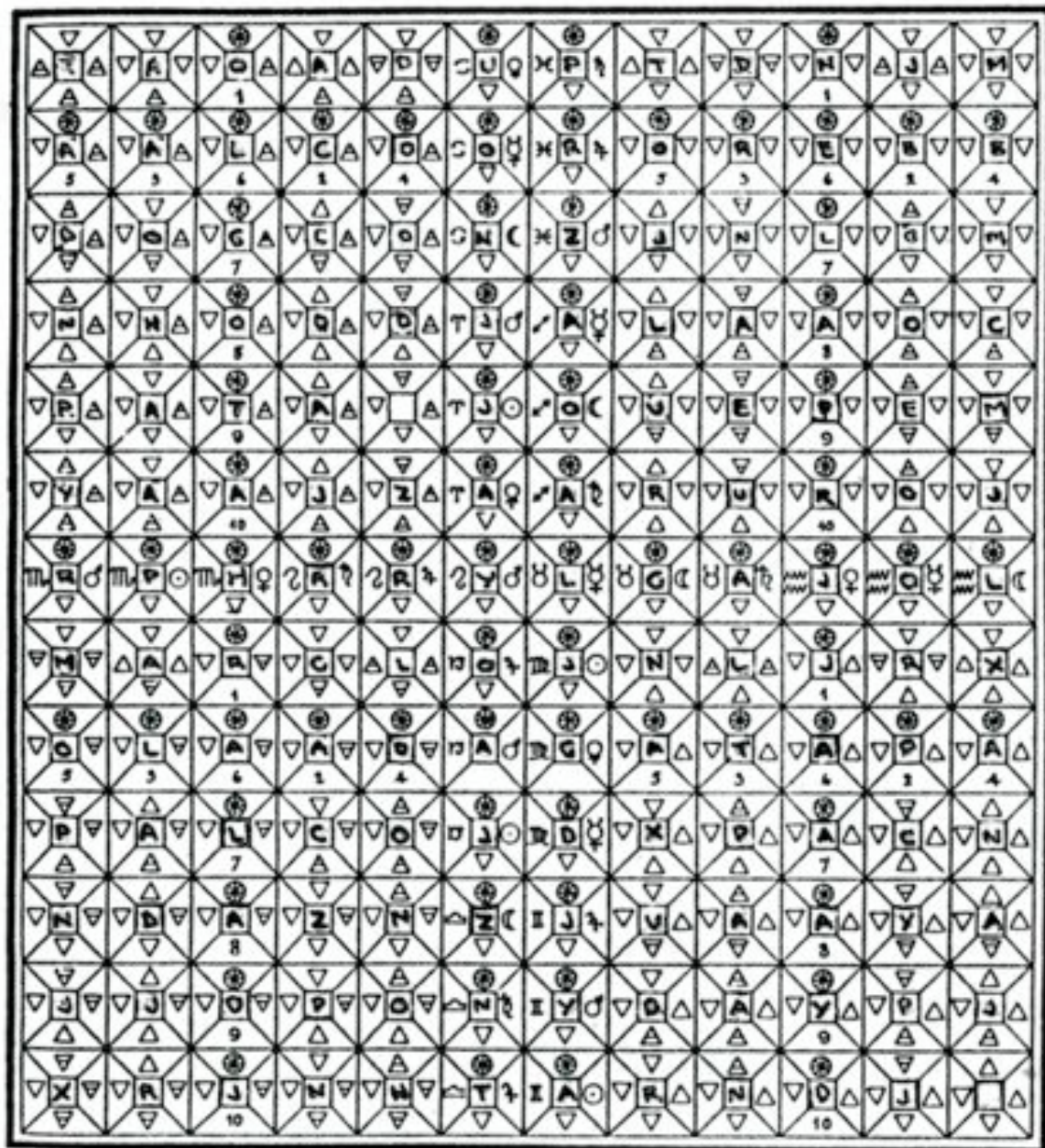
Now we will present the final arrangements, derived from Crowley's "Liber LXXXIV vel Chanokh," for the 4 Watchtowers of John Dee, applying Mathers' "Concourse of the Forces" method, as given in the Golden Dawn. By this point, their attributions should be somewhat better understood, however, as I say, the best hope I can have in presenting this material is to spark the student to study further on their own. Here follow Crowley's 4 Watchtowers, in b/w, with English letters.

THE GREAT WATCH-TOWER OF THE EAST, ATTRIBUTED TO AIR.



On the "Great Table,"
the upper-left quadrangle,
attributed the letter "Vav"
of the Tetragrammaton name of God

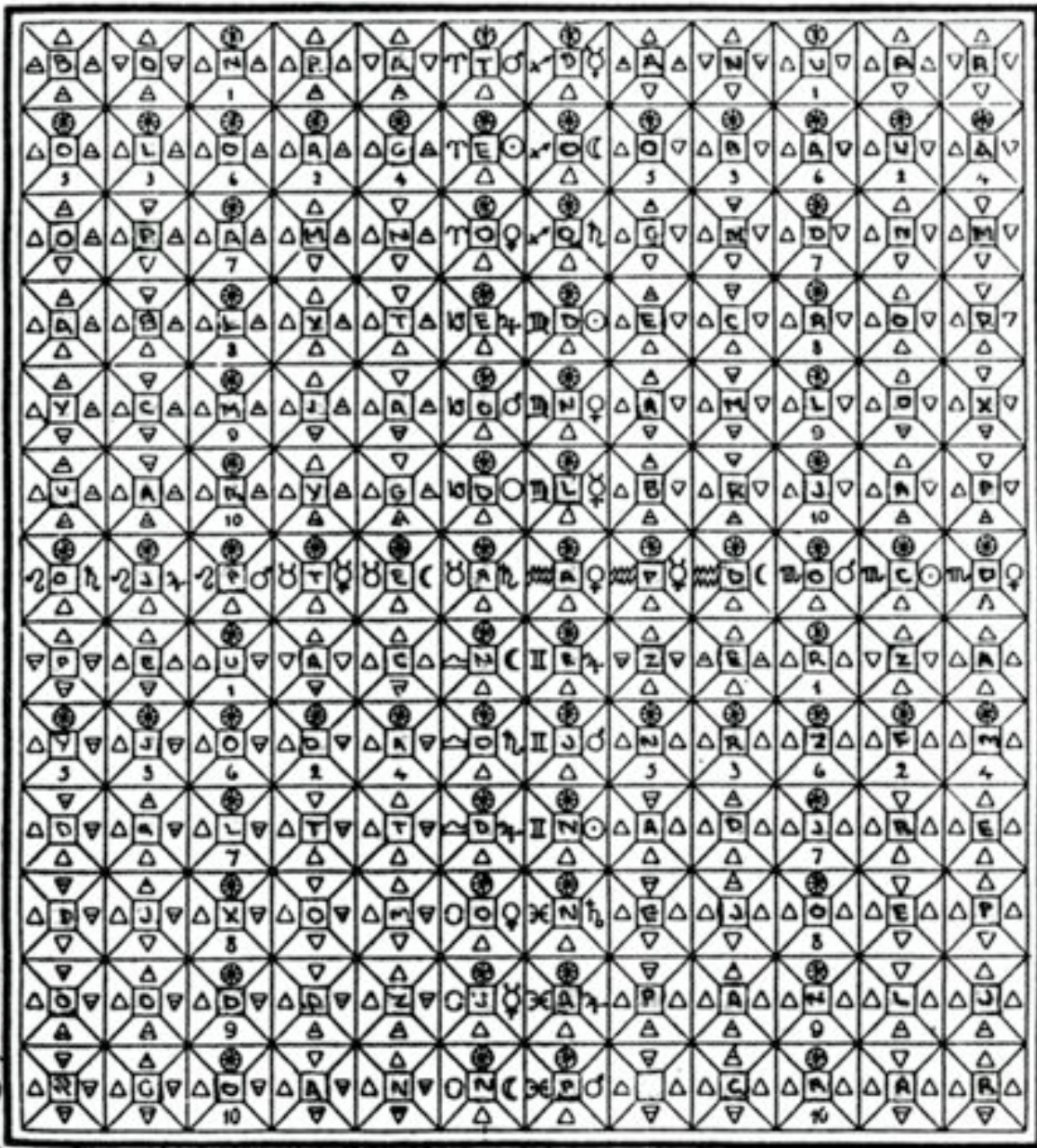
THE GREAT WATCH-TOWER OF THE WEST, ATTRIBUTED TO WATER.



On the "Great Table,"
the upper-right quadrangle,
attributed the letter "Heh"
of the Tetragrammaton name of God

On the “Great Table,”
the lower-left quadrangle,
attributed the Hebrew letter “Heh” (Final)
of the Tetragrammaton name of God

THE GREAT WATCH-TOWER OF THE SOUTH, ATTRIBUTED TO FIRE.



On the "Great Table,"
the lower-right quadrangle,
attributed the letter "Yod"
of the Tetragrammaton name of God

Having now dispensed with the majority of working on Mathers' "Concourse of the Forces" model of the 4 Watchtowers of John Dee's "Enochian" System, we may at last examine it in colour. While the attributes given here, as explained in the preceding pages, should be sufficient to start a researcher off into a decent exploration of this material, it should also be noted that any other arrangement of attributes will do equally well. In my own research I have managed to apply the I Ching, the Mayan Tzolkin and Haab, the lunar mansions, the three Alchemical elements, Caput and Cauda Draconis to the system, and I have not yet even begun to apply the figures of Geomancy, as suggested further by the Golden Dawn material. I have been studying the "Enochian" System for ten years at the time of this writing (beginning in 1998) and I have not even begun to study the implications of the Raphaelite redistribution of John Dee's letters for the 91 "Places of Earth" on the 4 Watchtowers. While some might find the Enochian system interesting, others will find the entire endeavor a complete waste of time. Who is to say who is right in this regard?

To recapitulate briefly the derivations used herein:

The element of Spirit is given as "Rose"-red "flashing" plain White.

The element of FIRE is given as Green "flashing" Garnet Red.

The element of AIR is given as Pink "flashing" Yellow.

The element of WATER is given as Orange "flashing" Blue.

The element of EARTH is given as Red "flashing" Grass Green.

The Zodiac Sign "Kherubic" bases are derived from the "Queen's Scale" (Col. XVI, Table I, 777)

The Zodiac sign of Aries is given as Green "flashing" Red;

The Zodiac sign of Taurus is given as Red "flashing" Deep Indigo;

The Zodiac sign of Gemini is given as Grass Green "flashing" Pale Muave;

The Zodiac sign of Cancer is given as Green "flashing" Maroon;

The Zodiac sign of Leo is given as Yellow "flashing" Deep Purple;

The Zodiac sign of Virgo is given as Puce "flashing" Slate Grey;

The Zodiac sign of Libra is given as Yellow "flashing" Blue;

The Zodiac sign of Scorpio is given as Indigo "flashing" Dull Brown;

The Zodiac sign of Sagittarius is given as Blue "flashing" Yellow;

The Zodiac sign of Capricorn is given as Gold "flashing" Dark Grey;

The Zodiac sign of Aquarius is given as Lemon Yellow "flashing" Sky Blue;

The Zodiac sign of Pisces is given as Violet "flashing" Silver.

The Planetary Glyph colours are given according to the "King's Scale" (Col. XV, Table I, 777)

The planetary glyph of Saturn is given as Yellow-Green "flashing" Indigo

The planetary glyph of Jupiter is given as Yellow "flashing" Blue

The planetary glyph of Mars is given as Emerald Green "flashing" Scarlet Red

The planetary glyph of Sol is given as Violet "flashing" Gold

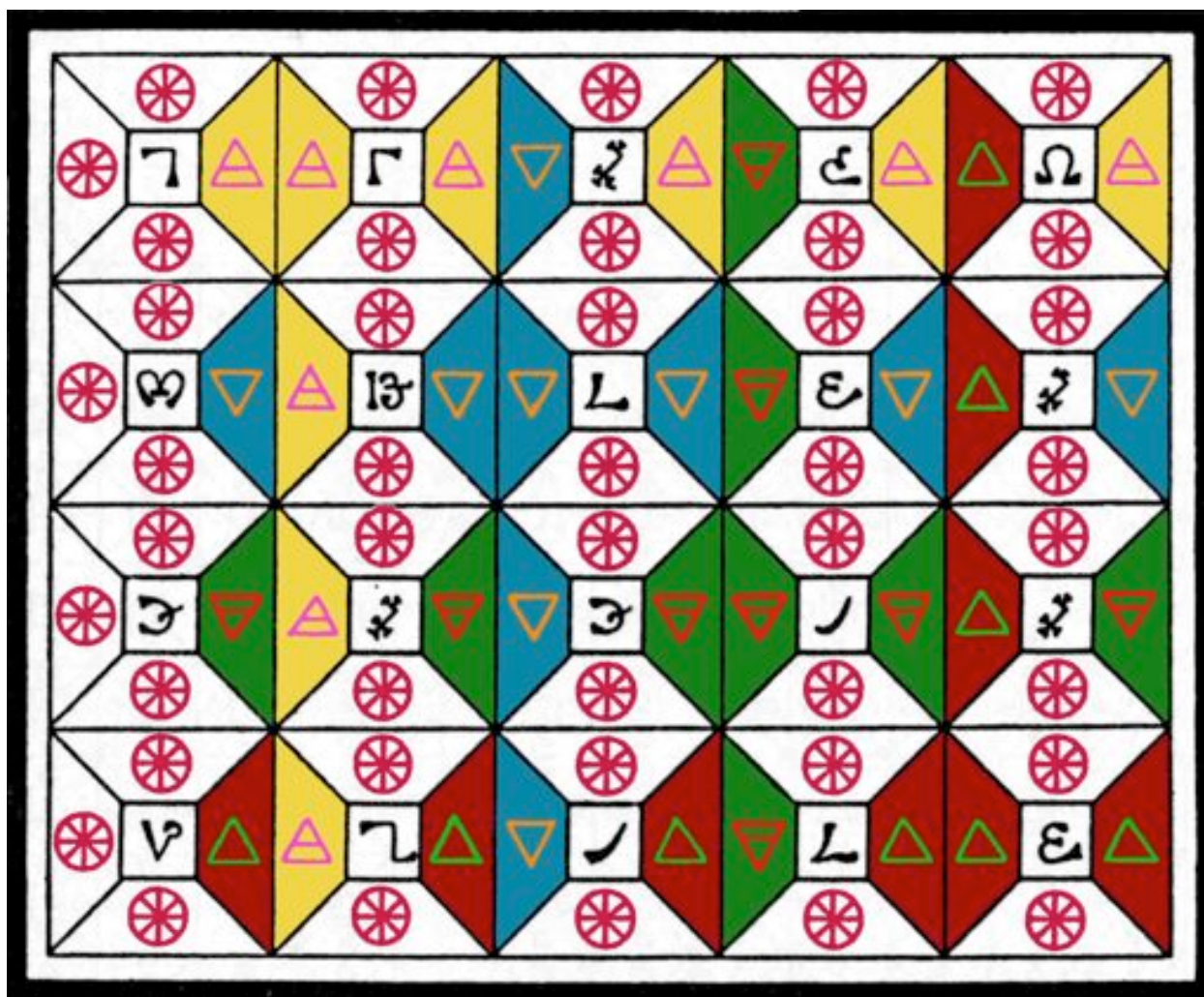
The planetary glyph of Venus is given as Scarlet Red "flashing" Emerald Green

The planetary glyph of Mercury is given as Aqua-marine "flashing" Orange

The planetary glyph of Luna is given as Gold "flashing" Violet

The letters on the figurative "tops" of the "truncated pyramids," that is, the central squares per each "Kherubic" base square, are given in these colour charts by the Enochian alphabet, however in the preceding b/w tables of same, the letters have been translated into English equivalents. The colour-coding for these central, Enochian letters is Black "flashing" against White, and, likewise, for the "Sefirotic" numbers given on the "Calvary" Cross per each sub-angle, the colour-coding is a White fore-ground "flashing" against a Black background. All these colour attributes are easy.

the colour-coded
 “Tablet of Union”



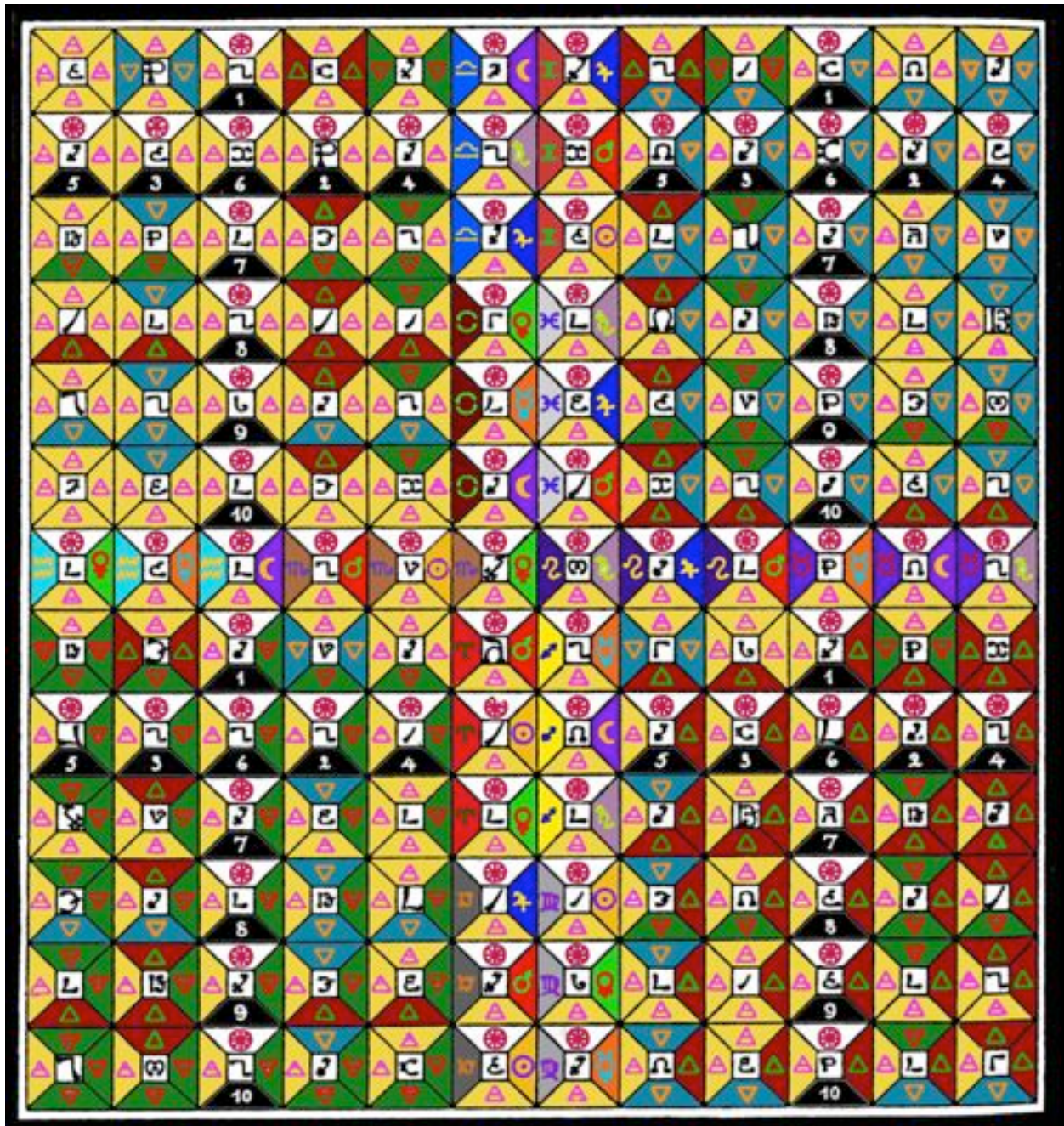
Regarding the prior, b/w copies of the 4 Watchtowers (whose letters are given in English), I have here provided them for the arduous student of the system to replicate for the purpose of practical working of their own method for the colour-scheme.

Regarding the following, colour copies of the 4 Watchtowers (whose letters are given in Enochian), I have here provided them primarily for the purpose of allowing an interested researcher to use them to construct what Aleister Crowley modeled as a Golden Dawn “Enochian” altar.

For such an altar, as I show a model for following these basic coloured diagrams, the four-sides of the cube would be the 4 Watchtowers, and the lid would be the “Tablet of Union.” In my own constructed model - of which copies can be made available through me via my email address (benpadiiah@gmail.com), or in person to accompany this booklet - I have arranged the “Tablet of Union” such that the “base” or bottom of the above diagram looks West, the Right side looks South, the Top looks East and the Left side looks North, however any arrangement is equally suitable since none are specified as necessary in any of the given texts.

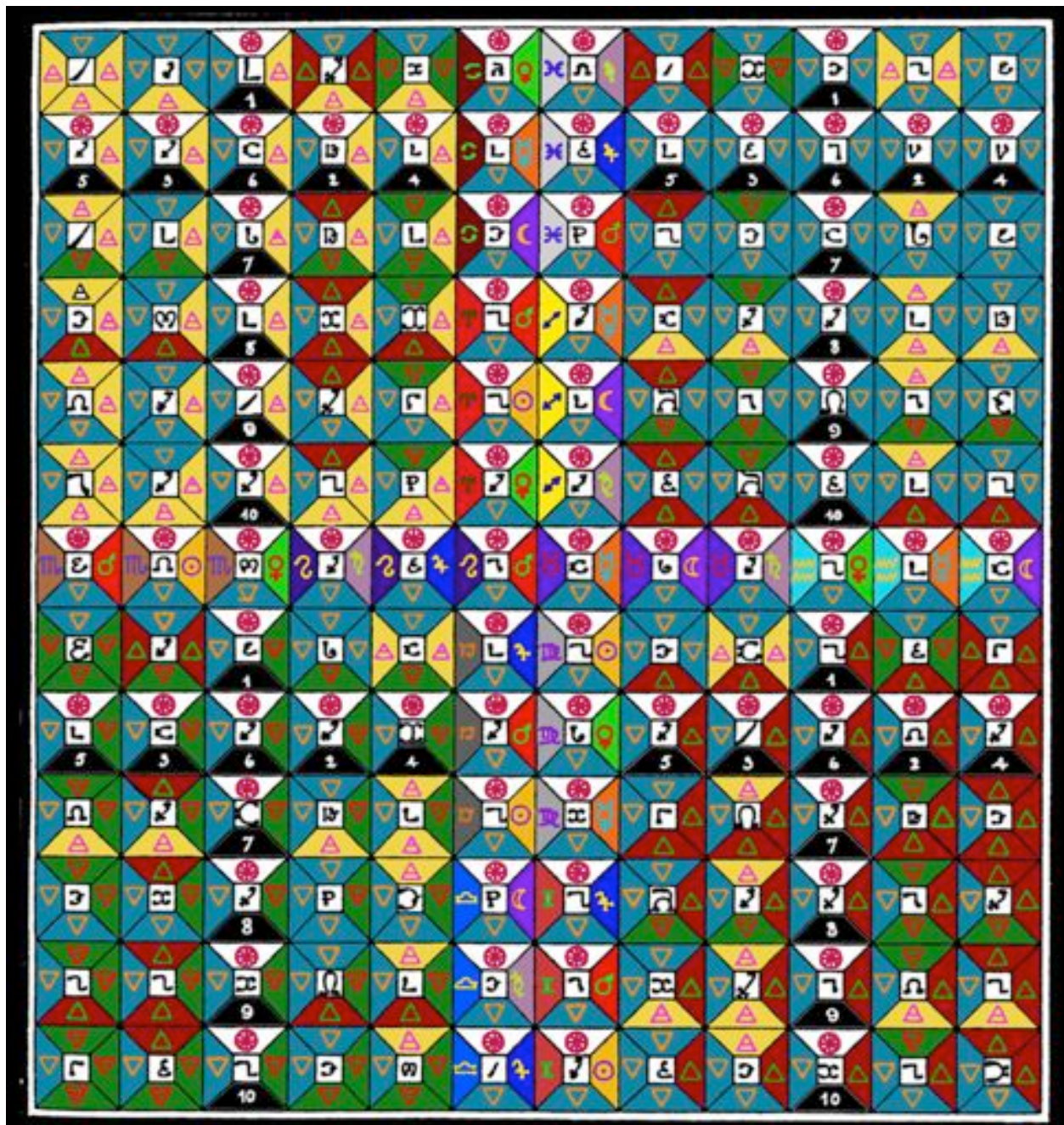
On the last page of this booklet is the “Rose Cross Lamén” of the Golden Dawn, basis for the rest.

The Great Watchtower of the East, Attributed to AIR



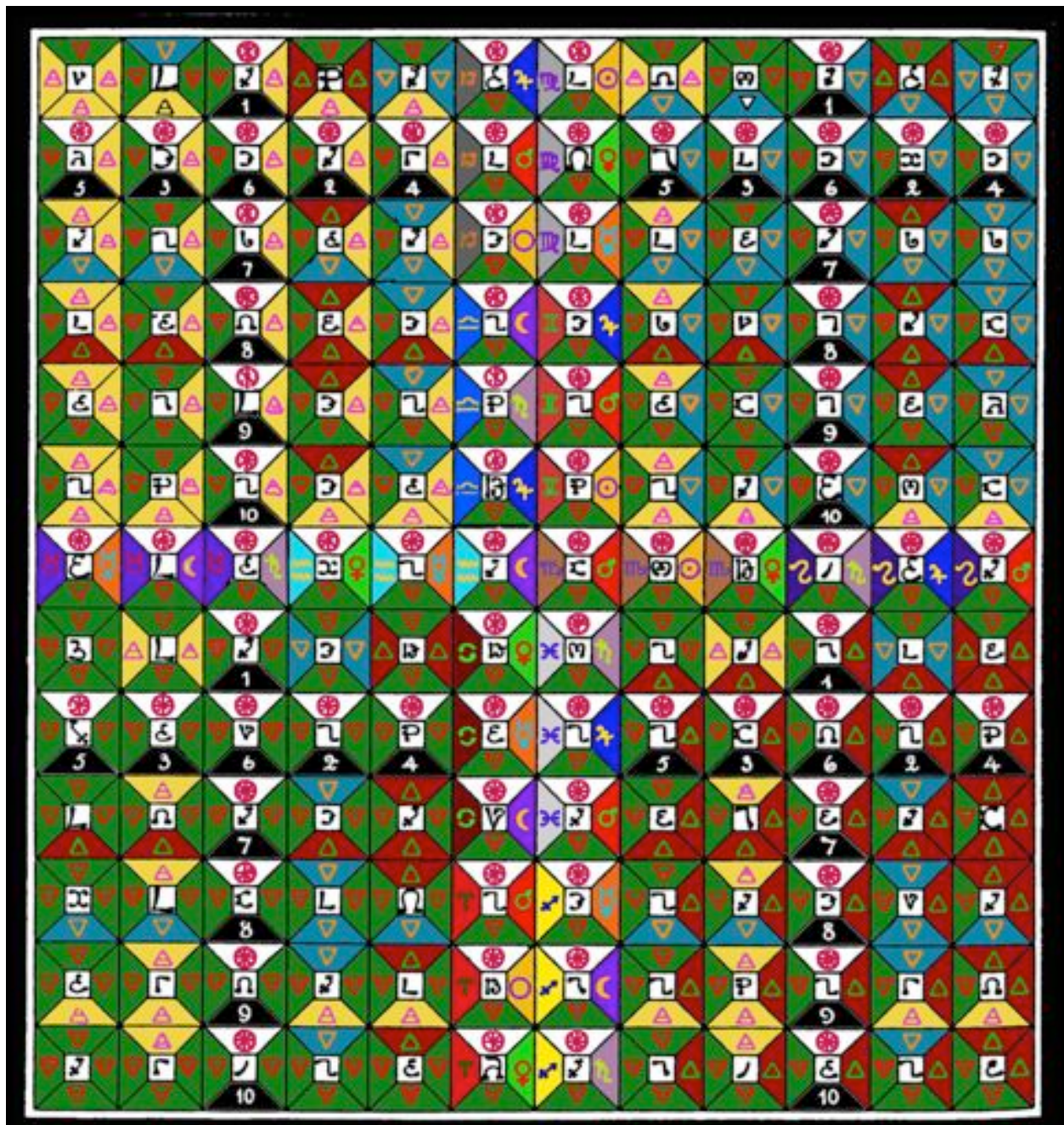
On the "Great Table,"
the upper-left quadrangle,
attributed the letter "Vav"
of the Tetragrammaton name of God

The Great Watchtower of the West, Attributed to WATER



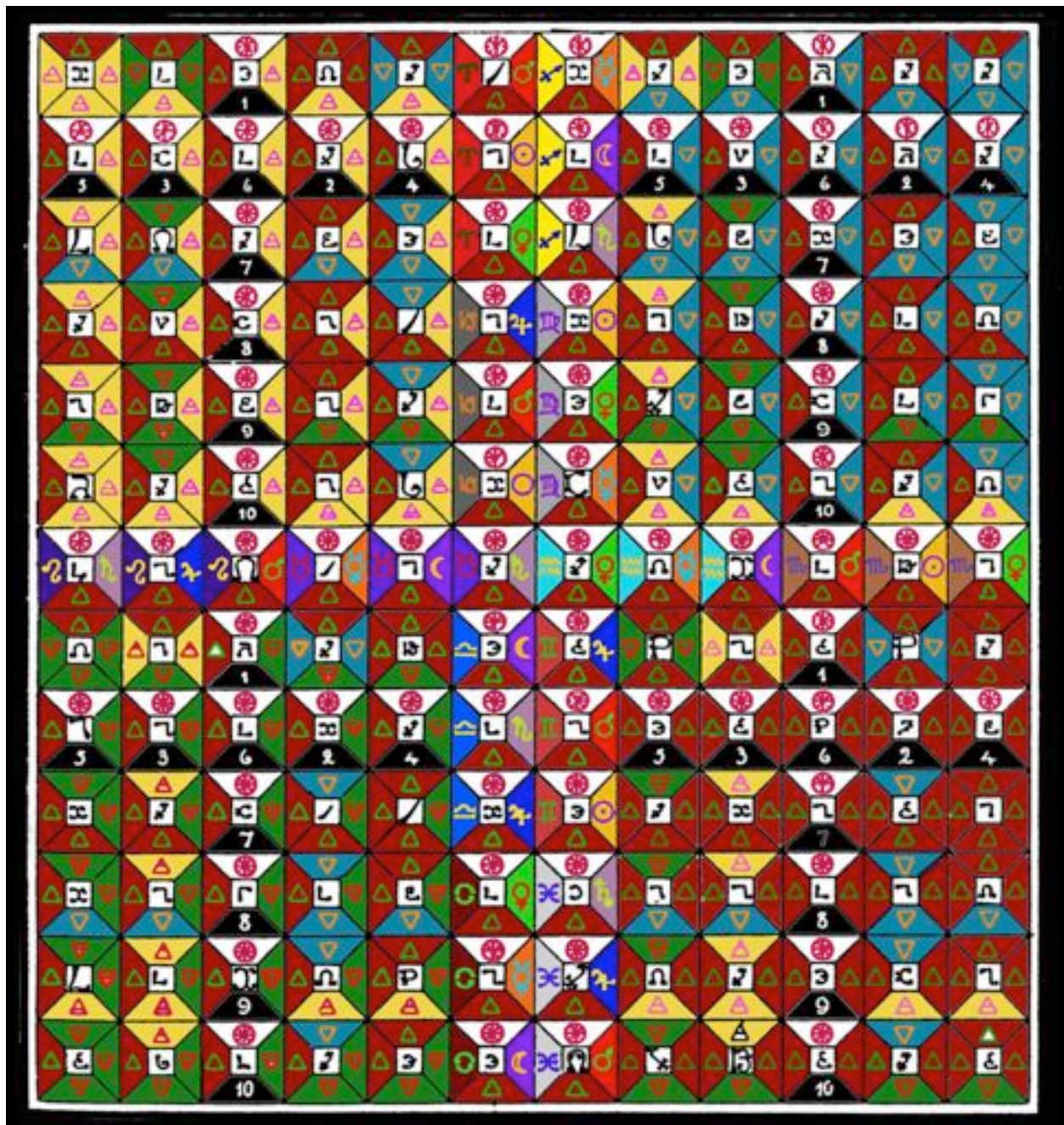
On the "Great Table,"
the upper-right quadrangle,
attributed the letter "Heh"
of the Tetragrammaton name of God

The Great Watchtower of the North, Attributed to EARTH

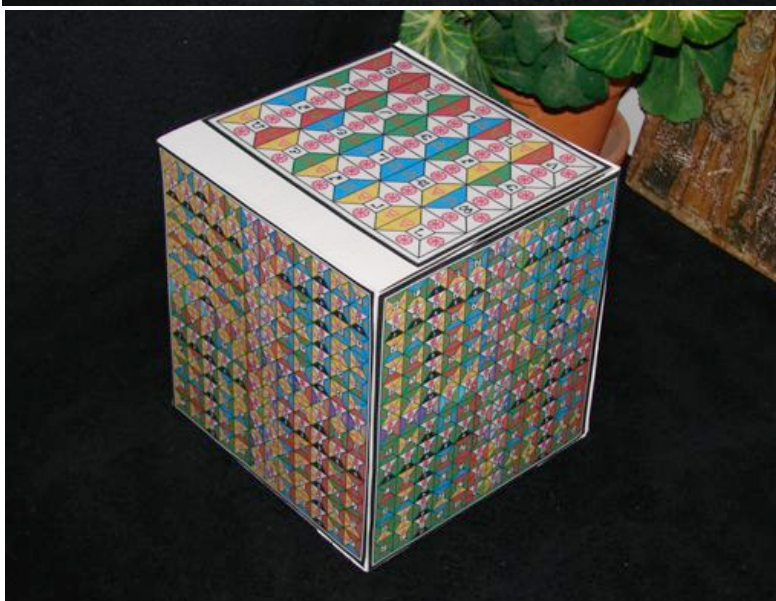
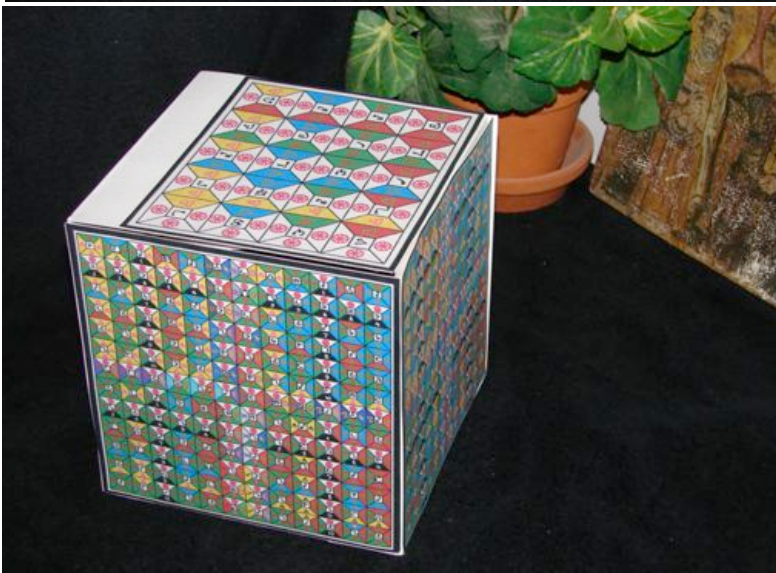


On the "Great Table,"
the lower-left quadrangle,
attributed the letter "Heh" (Final)
of the Tetragrammaton name of God

The Great Watchtower of the South, Attributed to FIRE

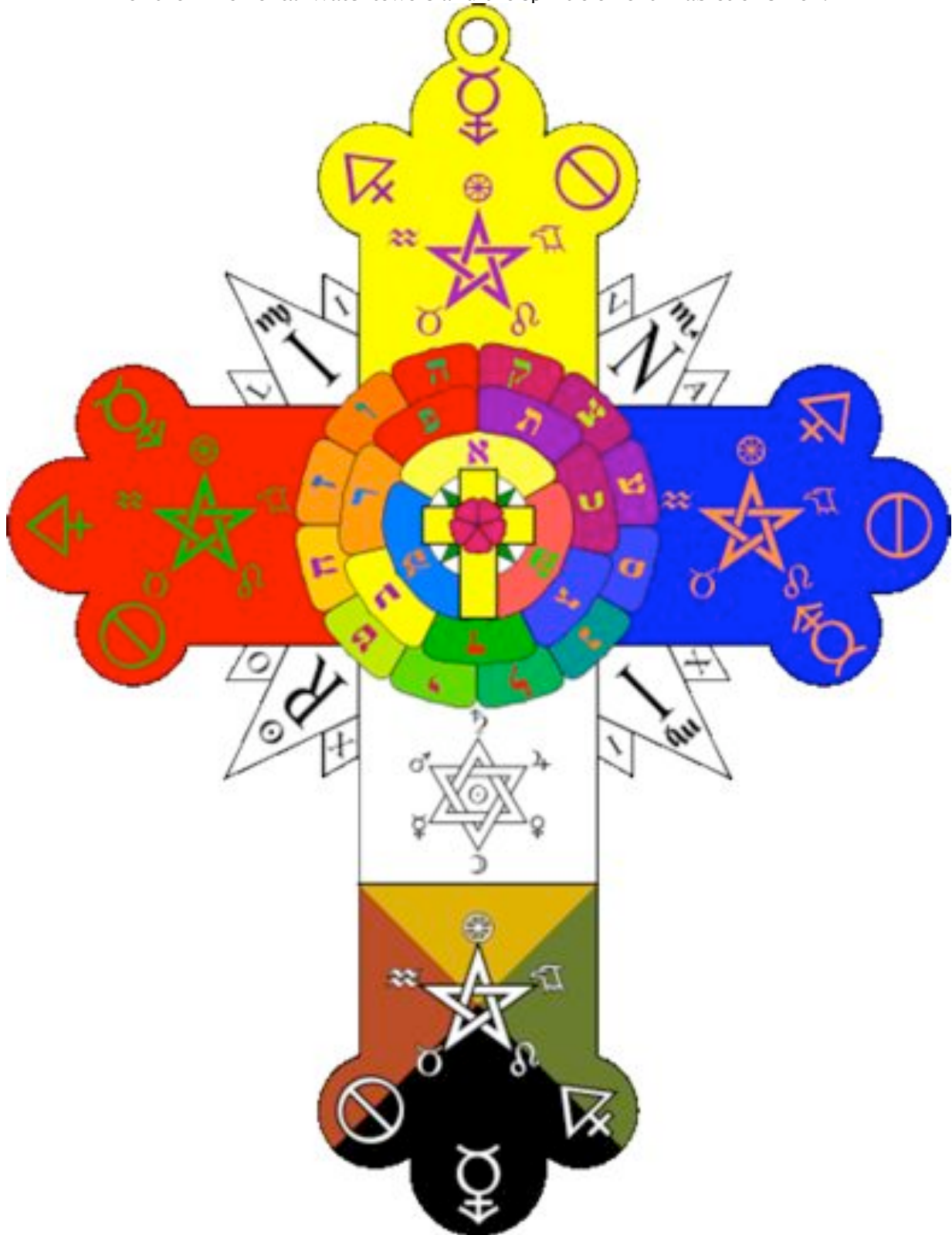


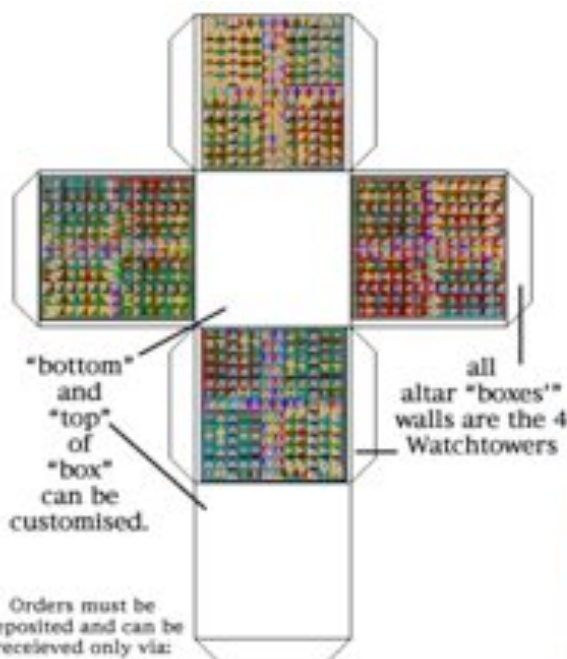
On the "Great Table,"
the lower-right quadrangle,
attributed the letter "Yod"
of the Tetragrammaton name of God



The “Rose Cross” Lamén,

containing the entire basic colour-scheme and method of derivation
for the 4 Elemental Watchtowers and the spirit element “Tablet of Union.”





Orders must be deposited and can be received only via:
the Crystal Connection
1105 Apache Way,
(850-878-8500)

product title :: "primary materials"

product description :: "Enochian" altar

size(s) :: (Sm; Md; Lg.) @ cost :: (Sm; Md; Lg.)
(# per order) (per unit)

colour or b/w :: @ cost (per size) ::
(per size) (b/w) (colour)

subtotal ::

Order Total ::
(less by 10% if they know the password)



pre-order these pieces separately or in a combo-pack of only the ones you want. 10% off combo-packs with password.

Orders must be deposited and can be received only via:

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(850-878-8500)



product title :: "related materials"

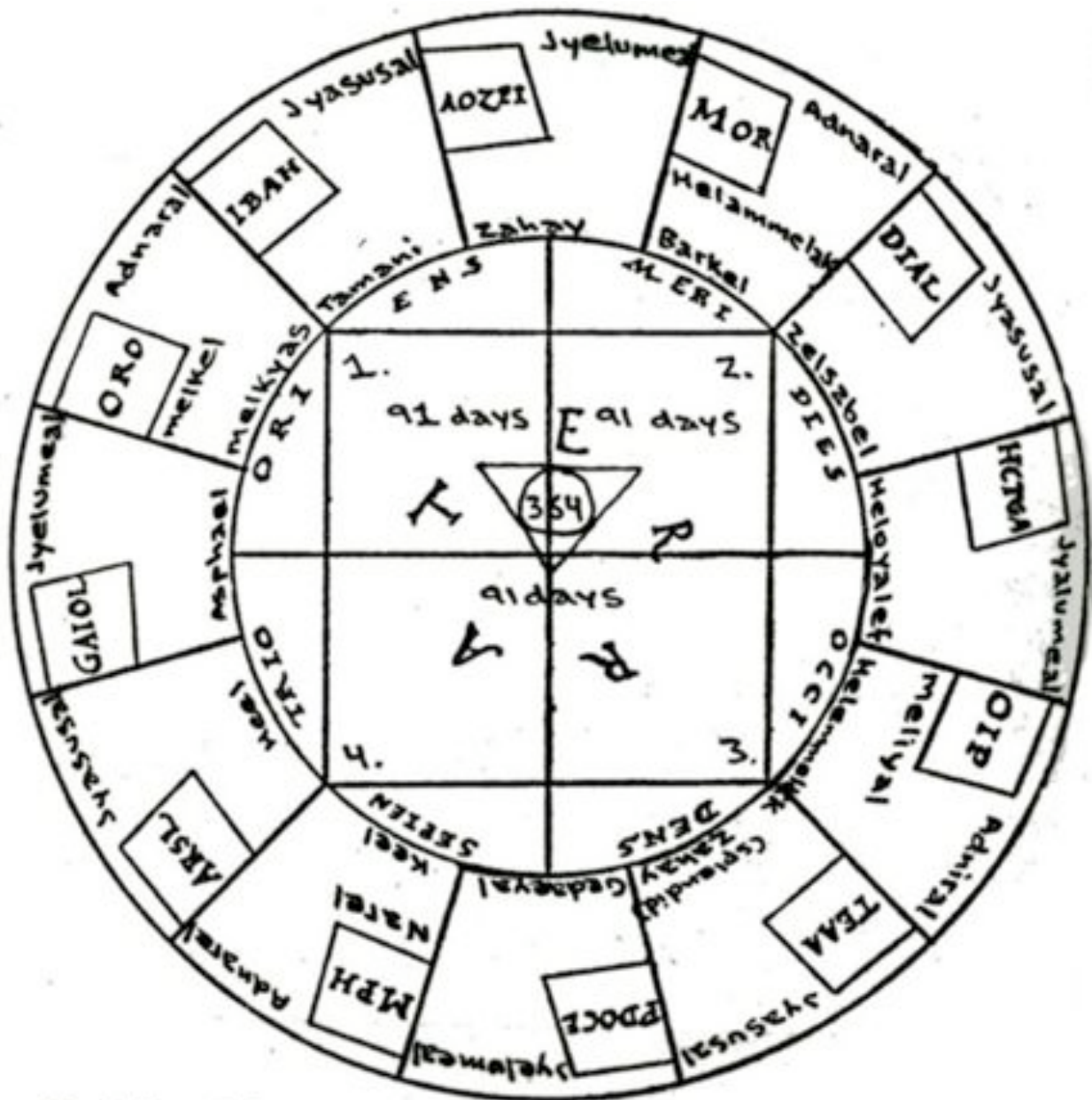
product description :: cross, torus &/or CD

unit title(s) :: @ cost ::
(per order) (per unit)

subtotal ::

Order Total ::
(less by 10% if they know the password)





The Enochian Great Circle of the Quarters


 1. conductors of the stations of stars
 2. names of God divided as triads
 3. conductor of the quarters
 leaders of
 2 thousand

Enochian Workings

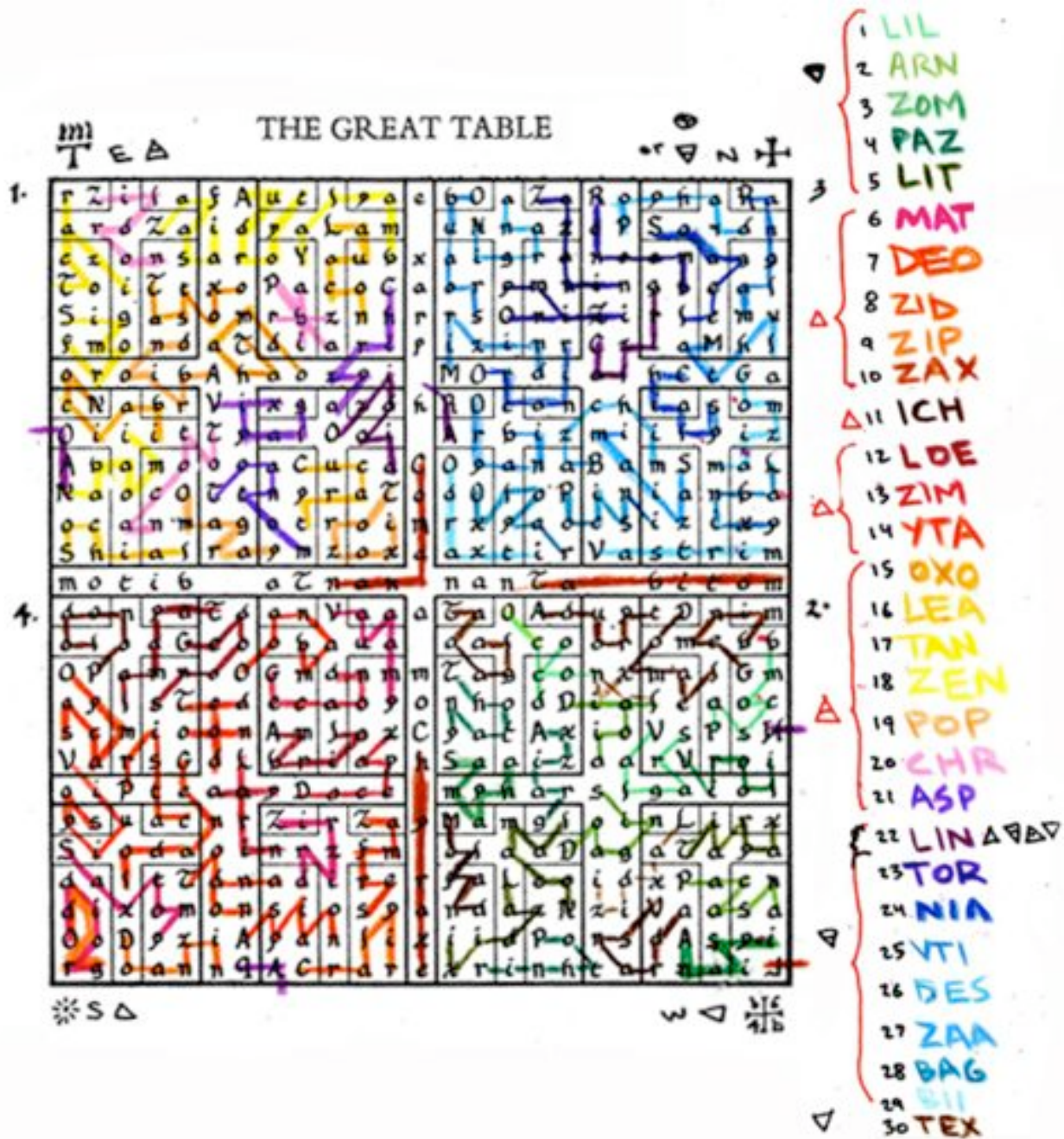
by: Jon Gee

Enochian Workings

incl.

Part 1: the 91 p. 1

Part 2: the 637 p. 7

Part 3: the 91 in 30 p. 12Part 4: the 7 p. 18

Some commentary on the method:

Dee gives the summoning of several different types, or classes, of spirits, but those to which he assigns a "part of the earth imposed by God" he describes the characteristic traits of the least. Worse yet, we are told only later that each of the twelve "angelic kings," one of which is ascribed to each of these ninety one, represents a sign of the zodiac, so that, for each - there is the element of the great watchtower in which its sigil occurs, and, we are told, a zodiacal attribution through its "angelic king." Still, this adds up to very little of an explanation as to the specific character traits of this type of intelligence, since we see that certain of the zodiacal signs repeat for each of the four elements, and that the four elements are not even distributed evenly between the ninety one spirits.

However, since these ninety one overlap all the other different types or classes of spirits on the four elemental watchtowers, it is possible to graph by superimposition the character traits of these ninety one as if they were, themselves, at least relative to the types or classes of other entities described in the system. By assigning each placement of type or class on the watchtowers a numerical value, it becomes possible to create a matrix describing the ninety one sigils as vectors upon the manifold of the watchtowers.

It so happens that the phylum of types or classes is base ten, and this presents us with the further opportunity of digitally reducing the sums of the matrix vectors according to that base, and thus determining a kind of spin for each sigil. In the terms of the system itself this could be described as what type or class each sigil spirit is "answerable to," or what area describes its "call."

Further, by not reducing the sums of the numbered areas, or zones, through which the sigils pass on the surface of the watchtowers, and simply comparing these sums, it is also possible to add a second level of relativity to these "spins," which in the language of the system could be called "affinity" or degree between the ninety one spirit intelligence entities. This gives one an even "deeper" level of insight into the numerical similarities.

In doing all this, though, one should remember that the assigned numbers only have value as descriptions of places - the locations occupied by the types or classes of other angels - and do not represent a fixed order in which these types or classes should be listed. On this score Dee does not leave note in his journals, and one can as easily assume they are listed therein in the order they came to him as much as the order he intended them to be in.

To this end it is probably worth noting that the elements occur in at least three different orders in Dee's Enochian system. In the thirty zyes they descend as water, fire, air, earth (with some minor variation). In the lower right hand corner of each elemental watchtower they descend as air, water, earth, fire. Finally, the numbering given to the elemental watchtowers themselves places them in order of air, water, earth, fire, as with the descent in each of their lower right corners, but the order of chapters and sections in each giving the types and classes of the phylum of these criss-crosses them in a "Z" pattern, giving the order air, earth, fire, water. All of these differences point to inherent flaws in the system. One is led to wonder if Dee himself was looking for shortcuts, or if the published material is intentionally misleading?

$\frac{6}{4} \frac{6}{6}$

- 1  Taoagla 88 30
- 2  occoo 1 1
- 3  Aduorpt 90 30
- 4  Doxinal ~~91~~ 30
- 5  Gemrimb 89 30
- 6  Thotarp 10 4
- 7  Dialoia 6 2
- 8  Pascomb 2 1
- 9  Samapha 7 3
- 10  Axziarg 11 4
- 11  Valgars 3 1
- 12  Virooli 8 3

- 13  Molpand 31 11
- 14  Nocamal 14 5
- 15  Doagnis 4 2
- 16  Tiarpax 15 5
- 17  Laxdizi →  65
- 18  Lazdixi 13 5
- 19  Pacasna 5 2
- 20  Pothnir 12 4
- 21  Vsnarda 32 11
- 22  Andispi 9 3

1-15 31-32 88-91

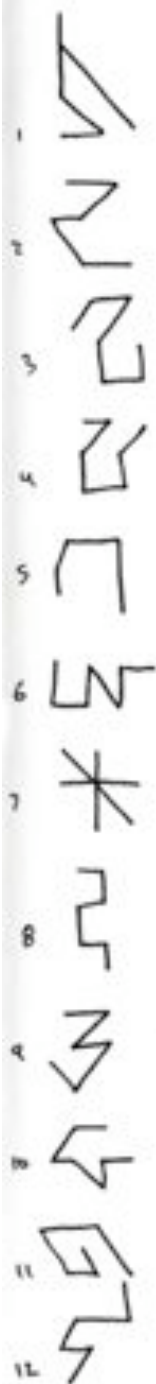
1		Pon odol	33	11
2		Tapampl	34	12
3		Gedons	35	12
4		Ooanamb	42	14
5		Vauzamp	17	6
6		Gecaond	37	13
7		opmacas	19	7
8		Tedoond	40	14
9		Ambriol	36	12
10		Pristac	24	8
11		Docepax	39	13
12		Genadol	20	7
13		Laparin	38	13

14		Zirzird	18	6
15		Zam freb	22	8
16		Saxtomp	16	6
17		Todnamb	23	8
18		Oddiorg	25	9
19		Doanzin	27	9
20		Aspixon	21	7
21		Crzlpir	26	9
22		Vivipos	41	14

12
12 13 14
6 7 8 9

16 - 27 33 - ~~38~~ - 42

222
T



TOCARAZI

51 17

ZILDROH

58 20

~~ZAFASAI~~

53 18

~~AUDROPT~~

50 17

YALPAMB

54 18

TASTOXD

45 15

P... ARZIBA

59 20

LAUACON

47 16

~~SIGMORE~~

49 17

ABRIOND

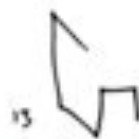
56 19

TAHAMDO

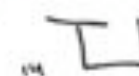
43 15

CHIRZPA

61 21



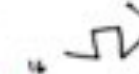
NOCIABI 44 15



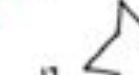
VIXIPALG 63 21



OZIDAIC 64 22



NABAOMI 52 18



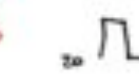
TOTOCAN 60 20



TOANTOM 62 21



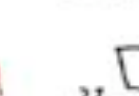
CUCARPT 46 16



SOCHIAL 48 16



OMAGRAP 57 19



TORZOXI 55 19

15 16 17 18
19 20 21

43-64

1		obuazors	74	25
2		nigrana	77	26
3		zaxarin	69	23
4		Ronabomb (01)	68	23
5		Pophand	76	26
6		Ranglam	75	25
7		Soagael	72	24
8		oni Zi pm 01	68	23
9		calzirg	66	22
10		mirzind	73	25
11		mathul	80	27
12		orcanir	70	24
13		chialps	71	24

14		Gomziam	87	29
15		orpanib	81	27
16		Bazchim	78	26
17		Saziami	79	27
18		odraxti	86	29
19		oxlopar	84	28
20		Pocisni	83	28
21		Labnixp	82	28
22		Vastrim	85	29

its right leg, and written in the margin "A is arsward."

r	Z	i	l	a	f	A	u	t	l	p	a	e	b	O	a	Z	a	R	o	p	h	a	R	a	
a	r	d	Z	a	i	d	p	a	L	a	m	x	u	N	n	a	x	R	o	P	S	o	n	d	n
c	z	o	n	s	t	a	r	o	Y	a	u	b	a	i	g	r	a	n	o	P	o	m	a	g	g
T	o	i	T	t	a	x	o	P	a	c	o	C	x	a	r	p	m	n	i	z	r	i	a	M	h
S	i	g	a	s	d	o	m	r	b	z	n	h	p	i	z	i	n	r	C	a	h	i	e	a	u
f	m	o	n	d	a	T	d	i	a	r	i														
o	r	o	i	b	A	h	a	o	z	p	i														
c	N	a	b	r	V	i	x	g	a	z	d	h	R	O	c	a	n	c	h	i	a	s	o	m	
O	i	i	i	t	T	p	a	f	O	a	i		A	r	b	i	z	m	i	i	l	p	i	z	
A	b	a	c	m	O	T	a	C	u	c	a	T	O	p	a	n	a	B	i	a	m	S	m	a	L
N	a	o	c	O	T	a	n	p	r	o	T	C	d	O	i	o	P	i	a	n	i	z	i	r	
S	h	i	a	i	r	a	p	m	z	o	x	C	r	x	t	i	r	V	a	i	r	i	x	p	
m	o	t	i	b	a	T	n	a	n			n	a	n	T	a		b	i	t	o	m			
d	o	n	p	a	T	d	a	n	V	a	a	a	T	a	O	A	d	u	p	t	D	n	i	m	
o	i	o	a	G	T	e	o	b	a	u	a	a	o	a	i	c	o	u	r	o	m	e	b	b	
O	P	a	m	n	T	e	O	G	m	d	n	m	T	a	g	c	o	n	x	m	a	l	G	m	
a	p	i	s	T	e	O	d	n	G	e	c	o	p	T	n	h	o	d	D	i	a	e	o	c	
s	c	m	i	o	L	b	r	i	A	m	i	o	x	p	a	t	A	x	i	a	r	V	s	N	
V	a	r	s	G										S	a	a	i	z	a	r	V	r	o		
o	i	P	t	e	a	p	D	o	c	e			m	p	h	a	r	s	l	g	a	i	o	l	
p	s	u	a	c	a	n	r	Z	i	r	Z	a	p	M	a	m	g	l	o	i	n	L	i	r	
S	i	o	d	a	n	r	z	f	m				o	i	a	a	D	a	g	a	T	a	p	a	
d	a	i	t	T	d	n	s	a	d	i	r	e	p	a	L	c	o	i	d	x	P	a	a	a	
d	i	x	o	m	n	A	p	a	n	r	i	r	a	x	i	r	i	n	h	t	a	r	n		
O	o	D	p	z	i	n	P	A	C	n	r	a	r	e											
r	g	o	a	n																					

637	129	129	129	129	637
A	2	14	18	14	113
B	25	5	2	1	15
C	28	5	5	5	24
D	25	3	12	10	29
E	20	2	4	2	11
F	2	0	1	0	3
G	23	5	4	5	17
H	23	4	0	3	11
I	15	11	13	1	59
J	2	0	0	0	0
K	2	0	0	0	0
L	23	7	4	4	27
M	2	6	0	7	13
N	2	7	11	2	45
O	23	15	15	2	35
P	7	2	4	1	37
Q	2	0	0	0	0
R	2	15	17	1	40
S	24	6	7	0	24
T	11	3	5	2	27
U	2	2	1	0	2
V	2	1	2	0	7
W	2	0	0	0	0
X	23	4	3	1	14
Y	1	0	0	0	1
Z	2	4	2	0	20

The Original Great Table of the Watchtowers

	M	C
A	25 / 11 = 2.27	
B	29 / 15 = 1.93	
C	6 / 24 = 0.25	
D	11 / 29 = 0.38	
E	16 / 11 = 1.45	
F	14 / 3 = 4.67	
G	30 / 17 = 1.76	
H	3 / 11 = 0.27	
I	33 / 24 = 1.38	
J	0 / 0	
K	0 / 0	
L	14 / 27 = 0.52	
M	25 / 32 = 0.78	
N	29 / 45 = 0.64	
O	42 / 15 = 2.80	
P	22 / 27 = 0.81	
Q	0 / 0	
R	35 / 40 = 0.88	
S	31 / 24 = 1.29	
T	7 / 27 = 0.26	
U	7 / 8 = 0.88	
V	5 / 7 = 0.71	
W	0 / 0	
X	0 / 14 = 0.00	
Y	5 / 1 = 5.00	
Z	6 / 10 = 0.60	
	100 / 34 = 2.94	



on the Sijon Delhemah, 6 is A, m or n, but the n is written as 60, 26 signs, and so I suspect these represent the three Hebrew "mother" letters.

Some commentary on the findings: (codes of Madini and Cherenzan)

Here I have compiled, alphabetized, the comparative quantities of each letter of the alphabet for the planetary heptarchy (Madini code) and the 41 angel names whose signs derive from the vortices (Cherenzan code). It will be noted that, while both columns M and C total 637, the differences per letter when tabulated between them add up to 372, with Madini having a greater average number of differences by 4 than Cherenzan in her favor. It should be noted that 372 divided by 12 equals 31, even that, were there 31 apoc, this 49 odds, or the heptarchy figured. However, rather than a 31st apoc, the book of Advanced Enochian magic indicates a series of apocals, the final revealed by Cherenzan, an Enochian non-ability, while Madini is associated with the 41 angles of the vortices in 30 apoc — hence, my attributions of names to these alpha-numeric apocals.

My attempts to reconcile Enochian magic with the Jewish pre-Flood prophet Enoch have failed. With one or two unrelated exceptions no comparative number based systems exist between the two. On the other hand, both share an affinity for peculiar number base systems genuinely unique to them — Enoch 18 and 31, Enochian 30 & 41, while they both share the basic Hebrew heptarchy, no equivalency is made between the two on this score. At best, the one point of direct correspondence lies in the similarity of both radicals 22, harmonized with Enoch's fallen angel Haniel. This similarity is too striking to be overlooked. In my opinion it can only be the result of an astronomical coincidence, or imply that Enoch had a copy of the Bavarian version of the Book of Enoch; but if this was the case, why didn't he take greater care to align his system with Enoch's?

The comparison of the 312 values of the Madini and Cherenzan codes seems indicative of this type of arbitrary split. I have no doubt that they relate by a simple matter of translation the one to the other and the two back and forth, but such is not readily forthcoming from the material at hand.

commentary on the findings: (round tables of the kings)

- B 2 where "BARAEL" = 2B's, 2A's, 2U's and 2E
- A 9 because the code = 2S's, 2R's, 2A's, and 2P
- B P the indication of this particular sign being chosen by BEE AS sufficiently representative of the technique to exclude the other six from his marginal notes indicates to me that the interior sign of the Son of Light was meant to imply a "spinney," while the translation of letters plainly derives from the Sijon Delhemah, which often substitutes numbers for letters. How this relates to the Enoch codes I have not yet worked out.

$$\begin{aligned}
& \begin{matrix} 2 & 0 \\ A = 17 / 10 & = 7Z \\ B = 1 / 2 & = - \\ C = 3 / 0 & = 3Z \\ D = 3 / 1 & = 2Z \\ E = 3 / 10 & = 7D \\ F = 1 / 2 & = 3D \\ G = 6 / 6 & = - \\ H = 4 / 0 & = 4Z \\ I = 3 / 3 & = - \\ J = 0 / 0 & = - \\ K = 0 / 0 & = - \\ L = 8 / 4 & = 3D \\ M = 1 / 7 & = 6D \\ N = 5 / 9 & = 4D \\ O = 7 / 13 & = 6D \\ P = 5 / 3 & = - \\ Q = 0 / 0 & = - \\ R = 5 / 0 & = 5Z \\ S = 1 / 5 & = 4D \\ T = 1 / 1 & = - \\ U = 3 / 2 & = 1Z \\ V = 2 / 0 & = 2Z \\ W = 0 / 0 & = - \\ X = 0 / 0 & = - \\ Y = 0 / 0 & = - \\ Z = 6 / 1 & = 5Z \\ & - - \\ 27 / 27 & = 5B
\end{matrix}
\end{aligned}$$

(50), because they measure the same thing (the second order difference between the m3c cipher and the combined m3c/d cipher is the same thing as the difference value in the first order difference of the m3c cipher and the sum of root second order differences for the combined m3c +/- b ciphers). Similarly $322 - 314 = \sqrt{8}$ (the sum of root second order differences for the combined m3c +/- b ciphers less by the difference between the first order differences of m3c and b is equivalent to the square base of the difference between the second order differences of m3c and b). If we substitute the true prime root (51), base 12, of the m3c cipher, we get a root of 260, base 480, the base, minus the root gives us a third order difference of 20 between 220 and (480 - 2 = 478). If we break these down further, we get (260 - 2 = 258 - 10 = 248) & (248 - 2 = 246 - 10 = 236 - 12 = 224 - 12 = 212) for 460, base 60, which again breaks down to (460 - 10 = 450 - 12 = 438) and (438 - 12 = 426) for 500 base 700. 700 - 460 = 40; 260 - 240 = 20; 310 - 460 = 150; 310 - 260 = 50; 460 - 260 = 200; 260 - 60 = 200 - 60 = 140 - 12 = 128 - 12 = 116 - 12 = 104 - 12 = 92 - 12 = 80 - 12 = 68 - 12 = 56 - 12 = 44 - 12 = 32 - 12 = 20 - 12 = 8 - 12 = -4 - 12 = -16 - 12 = -28 - 12 = -40 - 12 = -52 - 12 = -64 - 12 = -76 - 12 = -88 - 12 = -100 - 12 = -112 - 12 = -124 - 12 = -136 - 12 = -148 - 12 = -160 - 12 = -172 - 12 = -184 - 12 = -196 - 12 = -208 - 12 = -220 - 12 = -232 - 12 = -244 - 12 = -256 - 12 = -268 - 12 = -280 - 12 = -292 - 12 = -304 - 12 = -316 - 12 = -328 - 12 = -340 - 12 = -352 - 12 = -364 - 12 = -376 - 12 = -388 - 12 = -400 - 12 = -412 - 12 = -424 - 12 = -436 - 12 = -448 - 12 = -460 - 12 = -472 - 12 = -484 - 12 = -496 - 12 = -508 - 12 = -520 - 12 = -532 - 12 = -544 - 12 = -556 - 12 = -568 - 12 = -580 - 12 = -592 - 12 = -604 - 12 = -616 - 12 = -628 - 12 = -640 - 12 = -652 - 12 = -664 - 12 = -676 - 12 = -688 - 12 = -700 - 12 = -712 - 12 = -724 - 12 = -736 - 12 = -748 - 12 = -760 - 12 = -772 - 12 = -784 - 12 = -796 - 12 = -808 - 12 = -820 - 12 = -832 - 12 = -844 - 12 = -856 - 12 = -868 - 12 = -880 - 12 = -892 - 12 = -904 - 12 = -916 - 12 = -928 - 12 = -940 - 12 = -952 - 12 = -964 - 12 = -976 - 12 = -988 - 12 = -1000 - 12 = -1012 - 12 = -1024 - 12 = -1036 - 12 = -1048 - 12 = -1060 - 12 = -1072 - 12 = -1084 - 12 = -1096 - 12 = -1108 - 12 = -1120 - 12 = -1132 - 12 = -1144 - 12 = -1156 - 12 = -1168 - 12 = -1180 - 12 = -1192 - 12 = -1204 - 12 = -1216 - 12 = -1228 - 12 = -1240 - 12 = -1252 - 12 = -1264 - 12 = -1276 - 12 = -1288 - 12 = -1300 - 12 = -1312 - 12 = -1324 - 12 = -1336 - 12 = -1348 - 12 = -1360 - 12 = -1372 - 12 = -1384 - 12 = -1396 - 12 = -1408 - 12 = -1420 - 12 = -1432 - 12 = -1444 - 12 = -1456 - 12 = -1468 - 12 = -1480 - 12 = -1492 - 12 = -1504 - 12 = -1516 - 12 = -1528 - 12 = -1540 - 12 = -1552 - 12 = -1564 - 12 = -1576 - 12 = -1588 - 12 = -1600 - 12 = -1612 - 12 = -1624 - 12 = -1636 - 12 = -1648 - 12 = -1660 - 12 = -1672 - 12 = -1684 - 12 = -1696 - 12 = -1708 - 12 = -1720 - 12 = -1732 - 12 = -1744 - 12 = -1756 - 12 = -1768 - 12 = -1780 - 12 = -1792 - 12 = -1804 - 12 = -1816 - 12 = -1828 - 12 = -1840 - 12 = -1852 - 12 = -1864 - 12 = -1876 - 12 = -1888 - 12 = -1900 - 12 = -1912 - 12 = -1924 - 12 = -1936 - 12 = -1948 - 12 = -1960 - 12 = -1972 - 12 = -1984 - 12 = -1996 - 12 = -2008 - 12 = -2020 - 12 = -2032 - 12 = -2044 - 12 = -2056 - 12 = -2068 - 12 = -2080 - 12 = -2092 - 12 = -2104 - 12 = -2116 - 12 = -2128 - 12 = -2140 - 12 = -2152 - 12 = -2164 - 12 = -2176 - 12 = -2188 - 12 = -2200 - 12 = -2212 - 12 = -2224 - 12 = -2236 - 12 = -2248 - 12 = -2260 - 12 = -2272 - 12 = -2284 - 12 = -2296 - 12 = -2308 - 12 = -2320 - 12 = -2332 - 12 = -2344 - 12 = -2356 - 12 = -2368 - 12 = -2380 - 12 = -2392 - 12 = -2404 - 12 = -2416 - 12 = -2428 - 12 = -2440 - 12 = -2452 - 12 = -2464 - 12 = -2476 - 12 = -2488 - 12 = -2500 - 12 = -2512 - 12 = -2524 - 12 = -2536 - 12 = -2548 - 12 = -2560 - 12 = -2572 - 12 = -2584 - 12 = -2596 - 12 = -2608 - 12 = -2620 - 12 = -2632 - 12 = -2644 - 12 = -2656 - 12 = -2668 - 12 = -2680 - 12 = -2692 - 12 = -2704 - 12 = -2716 - 12 = -2728 - 12 = -2740 - 12 = -2752 - 12 = -2764 - 12 = -2776 - 12 = -2788 - 12 = -2800 - 12 = -2812 - 12 = -2824 - 12 = -2836 - 12 = -2848 - 12 = -2860 - 12 = -2872 - 12 = -2884 - 12 = -2896 - 12 = -2908 - 12 = -2920 - 12 = -2932 - 12 = -2944 - 12 = -2956 - 12 = -2968 - 12 = -2980 - 12 = -2992 - 12 = -3004 - 12 = -3016 - 12 = -3028 - 12 = -3040 - 12 = -3052 - 12 = -3064 - 12 = -3076 - 12 = -3088 - 12 = -3100 - 12 = -3112 - 12 = -3124 - 12 = -3136 - 12 = -3148 - 12 = -3160 - 12 = -3172 - 12 = -3184 - 12 = -3196 - 12 = -3208 - 12 = -3220 - 12 = -3232 - 12 = -3244 - 12 = -3256 - 12 = -3268 - 12 = -3280 - 12 = -3292 - 12 = -3304 - 12 = -3316 - 12 = -3328 - 12 = -3340 - 12 = -3352 - 12 = -3364 - 12 = -3376 - 12 = -3388 - 12 = -3400 - 12 = -3412 - 12 = -3424 - 12 = -3436 - 12 = -3448 - 12 = -3460 - 12 = -3472 - 12 = -3484 - 12 = -3496 - 12 = -3508 - 12 = -3520 - 12 = -3532 - 12 = -3544 - 12 = -3556 - 12 = -3568 - 12 = -3580 - 12 = -3592 - 12 = -3604 - 12 = -3616 - 12 = -3628 - 12 = -3640 - 12 = -3652 - 12 = -3664 - 12 = -3676 - 12 = -3688 - 12 = -3700 - 12 = -3712 - 12 = -3724 - 12 = -3736 - 12 = -3748 - 12 = -3760 - 12 = -3772 - 12 = -3784 - 12 = -3796 - 12 = -3808 - 12 = -3820 - 12 = -3832 - 12 = -3844 - 12 = -3856 - 12 = -3868 - 12 = -3880 - 12 = -3892 - 12 = -3904 - 12 = -3916 - 12 = -3928 - 12 = -3940 - 12 = -3952 - 12 = -3964 - 12 = -3976 - 12 = -3988 - 12 = -4000 - 12 = -4012 - 12 = -4024 - 12 = -4036 - 12 = -4048 - 12 = -4060 - 12 = -4072 - 12 = -4084 - 12 = -4096 - 12 = -4108 - 12 = -4120 - 12 = -4132 - 12 = -4144 - 12 = -4156 - 12 = -4168 - 12 = -4180 - 12 = -4192 - 12 = -4204 - 12 = -4216 - 12 = -4228 - 12 = -4240 - 12 = -4252 - 12 = -4264 - 12 = -4276 - 12 = -4288 - 12 = -4300 - 12 = -4312 - 12 = -4324 - 12 = -4336 - 12 = -4348 - 12 = -4360 - 12 = -4372 - 12 = -4384 - 12 = -4396 - 12 = -4408 - 12 = -4420 - 12 = -4432 - 12 = -4444 - 12 = -4456 - 12 = -4468 - 12 = -4480 - 12 = -4492 - 12 = -4504 - 12 = -4516 - 12 = -4528 - 12 = -4540 - 12 = -4552 - 12 = -4564 - 12 = -4576 - 12 = -4588 - 12 = -4600 - 12 = -4612 - 12 = -4624 - 12 = -4636 - 12 = -4648 - 12 = -4660 - 12 = -4672 - 12 = -4684 - 12 = -4696 - 12 = -4708 - 12 = -4720 - 12 = -4732 - 12 = -4744 - 12 = -4756 - 12 = -4768 - 12 = -4780 - 12 = -4792 - 12 = -4804 - 12 = -4816 - 12 = -4828 - 12 = -4840 - 12 = -4852 - 12 = -4864 - 12 = -4876 - 12 = -4888 - 12 = -4900 - 12 = -4912 - 12 = -4924 - 12 = -4936 - 12 = -4948 - 12 = -4960 - 12 = -4972 - 12 = -4984 - 12 = -4996 - 12 = -5008 - 12 = -5020 - 12 = -5032 - 12 = -5044 - 12 = -5056 - 12 = -5068 - 12 = -5080 - 12 = -5092 - 12 = -5104 - 12 = -5116 - 12 = -5128 - 12 = -5140 - 12 = -5152 - 12 = -5164 - 12 = -5176 - 12 = -5188 - 12 = -5200 - 12 = -5212 - 12 = -5224 - 12 = -5236 - 12 = -5248 - 12 = -5260 - 12 = -5272 - 12 = -5284 - 12 = -5296 - 12 = -5308 - 12 = -5320 - 12 = -5332 - 12 = -5344 - 12 = -5356 - 12 = -5368 - 12 = -5380 - 12 = -5392 - 12 = -5404 - 12 = -5416 - 12 = -5428 - 12 = -5440 - 12 = -5452 - 12 = -5464 - 12 = -5476 - 12 = -5488 - 12 = -5500 - 12 = -5512 - 12 = -5524 - 12 = -5536 - 12 = -5548 - 12 = -5560 - 12 = -5572 - 12 = -5584 - 12 = -5596 - 12 = -5608 - 12 = -5620 - 12 = -5632 - 12 = -5644 - 12 = -5656 - 12 = -5668 - 12 = -5680 - 12 = -5692 - 12 = -5704 - 12 = -5716 - 12 = -5728 - 12 = -5740 - 12 = -5752 - 12 = -5764 - 12 = -5776 - 12 = -5788 - 12 = -5800 - 12 = -5812 - 12 = -5824 - 12 = -5836 - 12 = -5848 - 12 = -5860 - 12 = -5872 - 12 = -5884 - 12 = -5896 - 12 = -5908 - 12 = -5920 - 12 = -5932 - 12 = -5944 - 12 = -5956 - 12 = -5968 - 12 = -5980 - 12 = -5992 - 12 = -6004 - 12 = -6016 - 12 = -6028 - 12 = -6040 - 12 = -6052 - 12 = -6064 - 12 = -6076 - 12 = -6088 - 12 = -6100 - 12 = -6112 - 12 = -6124 - 12 = -6136 - 12 = -6148 - 12 = -6160 - 12 = -6172 - 12 = -6184 - 12 = -6196 - 12 = -6208 - 12 = -6220 - 12 = -6232 - 12 = -6244 - 12 = -6256 - 12 = -6268 - 12 = -6280 - 12 = -6292 - 12 = -6304 - 12 = -6316 - 12 = -6328 - 12 = -6340 - 12 = -6352 - 12 = -6364 - 12 = -6376 - 12 = -6388 - 12 = -6400 - 12 = -6412 - 12 = -6424 - 12 = -6436 - 12 = -6448 - 12 = -6460 - 12 = -6472 - 12 = -6484 - 12 = -6496 - 12 = -6508 - 12 = -6520 - 12 = -6532 - 12 = -6544 - 12 = -6556 - 12 = -6568 - 12 = -6580 - 12 = -6592 - 12 = -6604 - 12 = -6616 - 12 = -6628 - 12 = -6640 - 12 = -6652 - 12 = -6664 - 12 = -6676 - 12 = -6688 - 12 = -6700 - 12 = -6712 - 12 = -6724 - 12 = -6736 - 12 = -6748 - 12 = -6760 - 12 = -6772 - 12 = -6784 - 12 = -6796 - 12 = -6808 - 12 = -6820 - 12 = -6832 - 12 = -6844 - 12 = -6856 - 12 = -6868 - 12 = -6880 - 12 = -6892 - 12 = -6904 - 12 = -6916 - 12 = -6928 - 12 = -6940 - 12 = -6952 - 12 = -6964 - 12 = -6976 - 12 = -6988 - 12 = -7000 - 12 = -7012 - 12 = -7024 - 12 = -7036 - 12 = -7048 - 12 = -7060 - 12 = -7072 - 12 = -7084 - 12 = -7096 - 12 = -7108 - 12 = -7120 - 12 = -7132 - 12 = -7144 - 12 = -7156 - 12 = -7168 - 12 = -7180 - 12 = -7192 - 12 = -7204 - 12 = -7216 - 12 = -7228 - 12 = -7240 - 12 = -7252 - 12 = -7264 - 12 = -7276 - 12 = -7288 - 12 = -7300 - 12 = -7312 - 12 = -7324 - 12 = -7336 - 12 = -7348 - 12 = -7360 - 12 = -7372 - 12 = -7384 - 12 = -7396 - 12 = -7408 - 12 = -7420 - 12 = -7432 - 12 = -7444 - 12 = -7456 - 12 = -7468 - 12 = -7480 - 12 = -7492 - 12 = -7504 - 12 = -7516 - 12 = -7528 - 12 = -7540 - 12 = -7552 - 12 = -7564 - 12 = -7576 - 12 = -7588 - 12 = -7600 - 12 = -7612 - 12 = -7624 - 12 = -7636 - 12 = -7648 - 12 = -7660 - 12 = -7672 - 12 = -7684 - 12 = -7696 - 12 = -7708 - 12 = -7720 - 12 = -7732 - 12 = -7744 - 12 = -7756 - 12 = -7768 - 12 = -7780 - 12 = -7792 - 12 = -7804 - 12 = -7816 - 12 = -7828 - 12 = -7840 - 12 = -7852 - 12 = -7864 - 12 = -7876 - 12 = -7888 - 12 = -7900 - 12 = -7912 - 12 = -7924 - 12 = -7936 - 12 = -7948 - 12 = -7960 - 12 = -7972 - 12 = -7984 - 12 = -7996 - 12 = -8008 - 12 = -8020 - 12 = -8032 - 12 = -8044 - 12 = -8056 - 12 = -8068 - 12 = -8080 - 12 = -8092 - 12 = -8104 - 12 = -8116 - 12 = -8128 - 12 = -8140 - 12 = -8152 - 12 = -8164 - 12 = -8176 - 12 = -8188 - 12 = -8200 - 12 = -8212 - 12 = -8224 - 12 = -8236 - 12 = -8248 - 12 = -8260 - 12 = -8272 - 12 = -8284 - 12 = -8296 - 12 = -8308 - 12 = -8320 - 12 = -8332 - 12 = -8344 - 12 = -8356 - 12 = -8368 - 12 = -8380 - 12 = -8392 - 12 = -8404 - 12 = -8416 - 12 = -8428 - 12 = -8440 - 12 = -8452 - 12 = -8464 - 12 = -8476 - 12 = -8488 - 12 = -8500 - 12 = -8512 - 12 = -8524 - 12 = -8536 - 12 = -8548 - 12 = -8560 - 12 = -8572 - 12 = -8584 - 12 = -8596 - 12 = -8608 - 12 = -8620 - 12 = -8632 - 12 = -8644 - 12 = -8656 - 12 = -8668 - 12 = -8680 - 12 = -8692 - 12 = -8704 - 12 = -8716 - 12 = -8728 - 12 = -8740 - 12 = -8752 - 12 = -8764 - 12 = -8776 - 12 = -8788 - 12 = -8800 - 12 = -8812 - 12 = -8824 - 12 = -8836 - 12 = -8848 - 12 = -8860 - 12 = -8872 - 12 = -8884 - 12 = -8896 - 12 = -8908 - 12 = -8920 - 12 = -8932 - 12 = -8944 - 12 = -8956 - 12 = -8968 - 12 = -8980 - 12 = -8992 - 12 = -9004 - 12 = -9016 - 12 = -9028 - 12 = -9040 - 12 = -9052 - 12 = -9064 - 12 = -9076 - 12 = -9088 - 12 = -9100 - 12 = -9112 - 12 = -9124 - 12 = -9136 - 12 = -9148 - 12 = -9160 - 12 = -9172 - 12 = -9184 - 12 = -9196 - 12 = -9208 - 12 = -9220 - 12 = -9232 - 12 = -9244 - 12 = -9256 - 12 = -9268 - 12 = -9280 - 12 = -9292 - 12 = -9304 - 12 = -9316 - 12 = -9328 - 12 = -9340 - 12 = -9352 - 12 = -9364 - 12 = -9376 - 12 = -9388 - 12 = -9400 - 12 = -9412 - 12 = -9424 - 12 = -9436 - 12 = -9448 - 12 = -9460 - 12 = -9472 - 12 = -9484 - 12 = -9496 - 12 = -9508 - 12 = -9520 - 12 = -9532 - 12 = -9544 - 12 = -9556 - 12 = -9568 - 12 = -9580 - 12 = -9592 - 12 = -9604 - 12 = -9616 - 12 = -9628 - 12 = -9640 - 12 = -9652 - 12 = -9664 - 12 = -9676 - 12 = -9688 - 12 = -9700 - 12 = -9712 - 12 = -9724 - 12 = -9736 - 12 = -9748 - 12 = -9760 - 12 = -9772 - 12 = -9784 - 12 = -9796 - 12 = -9808 - 12 = -9820 - 12 = -9832 - 12 = -9844 - 12 = -9856 - 12 = -9868 - 12 = -9880 - 12 = -9892 - 12 = -9904 - 12 = -9916 - 12 = -9928 - 12 = -9940 - 12 = -9952 - 12 = -9964 - 12 = -9976 - 12 = -9988 - 12 = -10000 - 12 = -10012 - 12 = -10024 - 12 = -10036 - 12 = -10048 - 12 = -10060 - 12 = -10072 - 12 = -10084 - 12 = -10096 - 12 = -10108 - 12 = -10120 - 12 = -10132 - 12 = -10144 - 12 = -10156 - 12 = -10168 - 12 = -10180 - 12 = -10192 - 12 = -10204 - 12 = -10216 - 12 = -10228 - 12 = -10240 - 12 = -10252 - 12 = -10264 - 12 = -10276 - 12 = -10288 - 12 = -10300 - 12 = -10312 - 12 = -10324 - 12 = -10336 - 12 = -10348 - 12 = -10360 - 12 = -10372 - 12 = -10384 - 12 = -10396 - 12 = -10408 - 12 = -10420 - 12 = -10432 - 12 = -10444 - 12 = -10456 - 12 = -10468 - 12 = -10480 - 12 = -10492 - 12 = -10504 - 12 = -10516 - 12 = -10528 - 12 = -10540 - 12 = -10552 - 12 = -10564 - 12 = -10576 - 12 = -10588 - 12 = -10600 - 12 = -10612 - 12 = -10624 - 12 = -10636 - 12 = -10648 - 12 = -10660 - 12 = -10672 - 12 = -10684 - 12 = -10696 - 12 = -10708 - 12 = -10720 - 12 = -10732 - 12 = -10744 - 12 = -10756 - 12 = -10768 - 12 = -10780 - 12 = -10792 - 12 = -10804 - 12 = -10816 - 12 = -10828 - 12 = -10840 - 12 = -10852 - 12 = -10864 - 12 = -10876 - 12 = -10888 - 12 = -10900 - 12 = -10912 - 12 = -10924 - 12 = -10936 - 12 = -10948 - 12 = -10960 - 12 = -10972 - 12 = -10984 - 12 = -10996 - 12 = -11008 - 12 = -11020 - 12 = -11032 - 12 = -11044 - 12 = -11056 - 12 = -11068 - 12 = -11080 - 12 = -11092 - 12 = -11104 - 12 = -11116 - 12 = -11128 - 12 = -11140 - 12 = -11152 - 12 = -11164 - 12 = -11176 - 12 = -11188 - 12 = -11200 - 12 = -11212 - 12 = -11224 - 12 = -11236 - 12 = -11248 - 12 = -11260 - 12 = -11272 - 12 = -11284 - 12 = -11296 - 12 = -11308 - 12 = -11320 - 12 = -11332 - 12 = -11344 - 12 = -11356 - 12 = -11368 - 12 = -11380 - 12 = -11392 - 12 = -11404 - 12 = -11416 - 12 = -11428 - 12 = -11440 - 12 = -11452 - 12 = -11464 - 12 = -11476 - 12 = -11488 - 12 = -11500 - 12 = -11512 - 12 = -11524 - 12 = -11536 - 12 = -11548 - 12 = -11560 - 12 = -11572 - 12 = -11584 - 12 = -11596 - 12 = -11608 - 12 = -11620 - 12 = -11632 - 12 = -11644 - 12 = -11656 - 12 = -11668 - 12 = -11680 - 12 = -11692 - 12 = -11704 - 12 = -11716 - 12 = -11728 - 12 = -11740 - 12 = -11752 - 12 = -11764 - 12 = -11776 - 12 = -11788 - 12 = -11800 - 12 = -11812 - 12 = -11824 - 12 = -11836 - 12 = -11848 - 12 = -11860 - 12 = -11872 - 12 = -11884 - 12 = -11896 - 12 = -11908 - 12 = -11920 - 12 = -11932 - 12 = -11944 - 12 = -11956 - 12 = -11968 - 12 = -11980 - 12 = -11992 - 12 = -12004 - 12 = -12016 - 12 = -12028 - 12 = -12040 - 12 = -12052 - 12 = -12064 - 12 = -12076 - 12 = -12088 - 12 = -12100 - 12 = -12112 - 12 = -12124 - 12 = -12136 - 12 = -12148 - 12 = -12160 - 12 = -12172 - 12 = -12184 - 12 = -12196 - 12 = -12208 - 12 = -12220 - 12 = -12232 - 12 = -12244 - 12 = -12256 - 12 = -12268 - 12 = -12280 - 12 = -12292 - 12 = -12304 - 12 = -12316 - 12 = -12328 - 12 = -12340 - 12 = -12352 - 12 = -12364 - 12 = -12376 - 12 = -12388 - 12 = -12400 - 12 = -12412 - 12 = -12424 - 12 = -12436 - 12 = -12448 - 12 = -12460 - 12 = -12472 - 12 = -12484 - 12 = -12496 - 12 = -12508 - 12 = -12520 - 12 = -12532 - 12 = -12544 - 12 = -12556 - 12 = -12568 - 12 = -12580 - 12 = -12592 - 12 = -12604 - 12 = -12616 - 12 = -12628 - 12 = -12640 - 12 = -12652 - 12 = -12664 - 12 = -12676 - 12 = -12688 - 12 = -12700 - 12 = -12712 - 12 = -12724 - 12 = -12736 - 12 = -12748 - 12 = -12760 - 12 = -12772 - 12 = -12784 - 12 = -12796 - 12 = -12808 - 12 = -12820 - 12 = -12832 - 12 = -12844 - 12 = -12856 - 12 = -12868 - 12 = -12880 - 12 = -12892 - 12 = -12904 - 12 = -12916 - 12 = -12928 - 12 = -12940 - 12 = -12952 - 12 = -12964 - 12 = -12976 - 12 = -12988 - 12 = -13000 - 12 = -13012 - 12 = -13024 - 12 = -13036 - 12 = -13048 - 12 = -13060 - 12 = -13072 - 12 = -13084 - 12 = -13096 - 12 = -13108 - 12 = -13120 - 12 = -13132 - 12 = -13144 - 12 = -13156 - 12 = -13168 - 12 = -13180 - 12 = -13192 - 12 = -13204 - 12 = -13216 - 12 = -13228 - 12 = -13240 - 12 = -13252 - 12 = -13264 - 12 = -13276 - 12 = -13288 - 12 = -13300 - 12 = -13312 - 12 = -13324 - 12 = -13336 - 12 = -13348 - 12 = -13360 - 12 = -13372 - 12 = -1

	5	5	2	2	1	15	18	40	10	13	14	8	19	13	8	2	5	2	6
B	5	5	2	2	1	15	18	40	10	13	14	8	19	13	8	2	5	2	6
C	8	5	5	5	1	14	18	4	0	1	2	1	0	1	1	3	5	0	0
G	3	5	4	5	0	17	13	30	4	3	3	5	5	5	5	6	-	6	4
D	5	3	12	9	0	29	18	11	1	1	1	3	2	1	2	3	2	1	1
F	2	0	1	0	0	3	11	14	0	2	2	4	3	0	5	1	1	2	2
A	19	24	24	24	4	111	26	85	19	80	16	10	11	12	12	17	7	10	10
E	0	2	6	2	1	11	45	34	9	5	9	9	8	10	6	3	7	10	7
M	6	10	7	7	2	32	1	23	3	3	1	3	5	3	1	2	7	1	
I/Y	5	9	11	11	1	60	23	37	5	4	7	4	5	1	8	3	-	3	9
H	3	4	0	3	1	11	100	3	0	0	0	0	1	1	1	4	4	0	0
L	5	7	6	9	0	27	11	48	9	5	10	4	2	8	8	2	9	11	
P	7	8	12	9	1	57	10	22	4	15	0	1	2	4	3	3	-	3	3
Q	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	-	0	0
N	2	13	12	11	2	45	10	28	15	8	1	8	7	10	6	9	4	9	9
X	3	4	2	4	1	11	11	0	0	0	0	0	0	0	0	0	-	0	0
O	21	15	12	15	2	75	11	62	10	8	10	11	9	8	8	7	6	13	16
R	10	13	9	7	1	100	5	39	3	8	6	0	4	5	9	5	5	0	8
Z	7	7	4	2	0	20	11	6	1	2	0	0	0	1	2	6	5	1	1
UN/W	3	2	5	1	0	15	3	12	0	1	2	2	1	0	1	5	3	2	3
S	4	6	7	7	0	24	11	32	6	2	3	4	7	1	1	1	5	5	5
T	11	3	5	6	2	17	10	7	0	1	0	3	2	1	0	1	-	1	2
						181						186						24	24

note: this chart has been weighed and measured and is in all ways reliable.
 For the Chironom & madini and Disraeli cyphers refer to this chart.
 This chart should be variously referred to as "the perfect chart" or as
 "the Spezzato chart"; it is "perfect" in its measures, and "spezzato" by
 its relations between sums of letters across cyphered systems.

C_4	m_4	$Z_2 - D_2$
156 ₃	91 ₂	84 ₂
179 ₁	186 _{4ad}	29 _{2ad}
20 ₁		58 _{1ad}
637 ₂		
181 _{1ad}	367 _{1ad}	100 ₂₁₋₁₂

from the "Perfect Table"

Some commentary on the findings: (the "Perfect Table")

The results of the perfect table are interesting. It is directly known as the "Perfect Table" because of its method of interchange between the cyphers. According to this method, letters can be taken from multiple places throughout one alpha numeric, to be translated by sums into a second alpha numeric. This method,

which I call "loose fitting," is more reminiscent of genetic coding than the vector physics of the 2 sign intelligences. This method of "loose fitting" explains the technique of translation between the madini (planetary) and the Choronzon (astero-elemental) cyphers.

The translation between the Bee (second sign) and Radical (angels of tribes) cyphers, as I have already described, is a single, unified cypher, called the Biraali cypher. The translation between this and the Great Table cypher, because of their extensive similarity, I call "the Armagadda" working. The findings of this working tend to indicate, by these similarities, that Bee (or his guiding intelligence) was aware not only prior to the construction of the Great Table, of the Radical names and second sign vectors, but also of the first order of difference comparisons between them. Hence, again, the title of this translation implying a working of great importance.

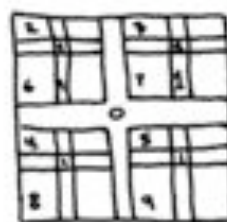
Because, furthermore, of the findings on the Armagadda working, it can be inferred that Bee (or his guiding intelligence) was also aware of the "loose fitting" method of translation between the Heptarchical and Uroborosian sign systems, since its basis of comparison is to be found by the same method as that implied by the Armagadda working encoded in the Great Table regarding the Biraali cypher.

The working of comparing the first order differences between the madini-Choronzon and ~~Biraali~~ cyphers, which I have not yet performed at this time, I shall call the "Biraali" working, because hopefully it will reveal why the "loose fitting" method is necessary to translate the madini-Choronzon cypher, that is, more specifically, why the sums of the letters are not the same between the mZC, and why some groups must therefore include sums of multiple vectors, and that sporadically, which is at the genetic core of the "loose fitting" method. Already some similarities between the first order of difference sums of the Biraali and mZC cyphers is implied, however I do not yet know if the findings will be relevant enough to include on the table.

The Laddini working:

B = 75 ; C = 15 ; G = 15 ; O = 16 ; P = 10 ; A = 14 ; E = 38 ; M = 3 ; I = 23 ; H = 4 ;
L = 20 ; F = 10 ; Q = 5 ; M = 9 ; X = 14 ; O = 15 ; E = 38 ; Z = 9 ; W = 14 ; S = 4 ; T = 20
TOTAL: 309

The findings of the Laddini working do not seem to indicate its inclusion in the perfect table. I was hoping it would reveal in what order to take groups of letter sums by the "loose fitting" method to translate between the madini & Choronzon cyphers, it might yet do so, though I don't yet see how.



0. 24 seniors
1. 4th names
2. natural substance
3. transportation
4. mechanical arts
5. sensory discovery
6. medicine
7. precious stones
8. transformation ascending
9. four elements (Δ▽▽Δ)

- ▽ 1. 1-1-6-1-6-1-6-0 = 3₂(21) Δ 37. 7-7-7-1-7-7-1 = 0 or 1₂(37) ▽ 73. 0-6-6-6-1-6-6 = 7₂(25)
2. 1-1-7-7-7-7-1 = 4₂(31) 38. 0-0-0-0-0-0-1 = 1₂(1) 74. 2-2-1-6-6-6-6 = 2₂(29)
3. 7-0-0-0-0-7-7 = 3₂(21) 39. 0-0-0-0-7-7-7 = 3₂(21) 75. 3-3-1-7-7-7-7 = 8₂(35)
4. 1-0-0-0-5-0-0 = 6₂(4) 40. 6-0-0-0-0-0-0 = 3₂(12) 76. 0-0-3-3-1-1-1 = 9₂(9)
5. 9-1-9-1-9-9-9 = 2₂(47) 41. 6-0-1-1-4-0-4 = 7₂(16) 77. 1-6-1-6-1-1-1 = 8₂(12)
6. 6-0-7-0-0-0 = 4₂(13) Δ 42. 0-1-3-3-1-7-1 = 7₂(16) 78. 0-8-1-0-0-1-9 = 1 or 0₂(14)
7. 6-6-0-4-0-0-1 = 8₂(17) 43. 0-0-0-0-7-0-0 = 7₂(7) 79. 9-9-9-9-0-0-0 = 9₂(34)
8. 7-0-1-7-0-0-1 = 7₂(16) 44. 4-0-4-1-1-4-1 = 6₂(15) 80. 1-7-0-7-7-7-7 = 2₂(29)
9. 9-9-1-9-1-9-9 = 2₂(47) 45. 6-6-6-6-0-0-0 = 6₂(24) 81. 4-1-8-1-8-1-1 = 6₂(24)
10. 6-6-1-1-6-6-6 = 3₂(32) 46. 9-1-9-9-1-9-9 = 2₂(47) 82. 9-9-9-1-1-9-9 = 2₂(47)
11. 6-6-6-6-0-0-5 = 2₂(29) 47. 1-1-7-1-1-7-7 = 7₂(25) 83. 8-8-0-0-0-0-9 = 7₂(25)
12. 8-8-0-8-8-1-8 = 5₂(41) 48. 8-8-8-8-1-8-8 = 4₂(41) 84. 8-8-1-8-1-8-8 = 6₂(42)
13. 1-1-8-1-8-8-8 = 8₂(35) 49. 6-6-1-6-1-0-6 = 8₂(26) 85. 0-0-9-9-1-9-9 = 0 or 1₂(32)
14. 8-8-8-1-1-1-4 = 4₂(31) 50. 0-3-0-0-7-1-3 = 5₂(14) 86. 8-8-8-8-8-1-8 = 4₂(41)
15. 1-1-1-5-1-1-5 = 6₂(15) 51. 6-6-6-1-2-1-6-0 = 1 or 0₂(28) 87. 0-5-5-1-1-9-1 = 4₂(22)
Δ 16. 1-8-1-8-8-8-8 = 6₂(42) 52. 8-8-8-1-1-8-1 = 8₂(35) 88. 2-2-1-6-1-1-1 = 5₂(14)
17. 2-3-1-3-1-7-7 = 5₂(23) 53. 1-2-0-1-6-0-0 = 1 or 0₂(10) 89. 7-1-1-1-3-3-1 = 8₂(17)
18. 5-5-1-1-1-1-9 = 5₂(43) 54. 7-1-1-3-3-1-7 = 5₂(23) 90. 2-2-0-0-0-0-3 = 7₂(7)
19. 6-6-1-6-6-6-6 = 0 or 1₂(37) 55. 9-9-1-1-9-9-9 = 2₂(47) ▽ 91. 3-1-0-(0-0-0)-7 = 2₂(11)
20. 6-0-0-1-1-1-1 = 0 or 1₂(10) 56. 0-0-4-0-0-6-6 = 7₂(16) ▽ = (0's) 54ms 0's 54ms 0's
21. 0-9-9-9-9-1-1 = 2₂(38) 57. 8-8-0-0-0-0-9 = 7₂(25) Δ = 540 14 = 5 77 = 5
22. 5-5-1-1-9-9-9 = 3₂(39) 58. 2-1-2-1-1-1-6 = 5₂(14) Δ = 567 18 = 9 112 = 89
23. 8-0-0-0-9-0-0 = 8₂(17) 59. 7-7-7-1-7-7-1 = 1 or 0₂(37) ▽ = 571 13 = 4 103 = 4
24. 0-1-6-6-0-4-4 = 3₂(21) 60. 0-0-1-8-8-1-8 = 8₂(26) 40+21 0's = 2253 = 12 = 3 78 = 5
25. 8-8-8-8-8-8-8 = 8₂(36) 61. 7-7-7-7-0-0-1 = 2₂(29) 40+21 0's = 2253 = 12 = 3 78 = 5
26. 9-1-9-9-9-9-9 = 0 or 1₂(35) 62. 0-0-9-9-0-4-9 = 7₂(36) 40+21 0's = 2253 = 12 = 3 78 = 5
27. 1-1-8-8-8-0-0 = 8₂(26) 63. 0-0-5-0-0-1-1-5 = 3₂(12) 40+21 0's = 2253 = 12 = 3 78 = 5
▽ 28. 9-1-1-8-8-8-8 = 2₂(38) 64. 1-5-0-5-1-1-9 = 18₂(22) 40+21 0's = 2253 = 12 = 3 78 = 5
29. 9-0-0-0-4-9-9 = 3₂(36) 65. 0-0-0-0-7-7-7 = 3₂(21) 40+21 0's = 2253 = 12 = 3 78 = 5
Δ 30. 7-7-7-7-1-7-1 = 0 or 1₂(37) 66. 0-0-0-0-7-7-7 = 3₂(21) 40+21 0's = 2253 = 12 = 3 78 = 5
31. 0-2-2-1-6-1-1 = 4₂(13) 67. 0-0-0-0-7-7-7 = 3₂(21) 40+21 0's = 2253 = 12 = 3 78 = 5
32. 1-0-0-0-6-6 = 4₂(19) 68. 1-6-6-0-0-6-1 = 2₂(20) 40+21 0's = 2253 = 12 = 3 78 = 5
33. 7-7-7-7-1-7-1 = 0 or 1₂(37) 69. 2-2-1-6-6-0-0 = 8₂(17) 40+21 0's = 2253 = 12 = 3 78 = 5
34. 0-2-2-1-6-1-1 = 4₂(13) 70. 0-0-1-4-4-0-6 = 6₂(15) 40+21 0's = 2253 = 12 = 3 78 = 5
35. 1-0-0-0-6-6 = 4₂(19) 71. 0-0-5-5-1-1-1 = 4₂(13) 40+21 0's = 2253 = 12 = 3 78 = 5
36. 7-7-7-7-1-7-1 = 0 or 1₂(37) 72. 1-1-1-7-1-1-7 = 1 or 0₂(14) 40+21 0's = 2253 = 12 = 3 78 = 5

[illegible]

more commentary on the findings: (ordered affinities)

The most common affinity of each order is the 24 seniors and 16 God names, and this is likely because these two are grouped together, as in the sums that determine their "cells" for those totaling ten. Between these two archetypes, as between the supernal and subordinate types or classes, there is a natural division of number of affinities, and this is because of the sizes of areas, or zones, attributed to them in the system. Since it is really irrelevant to how the system works why it is arranged the way it is, it is sufficient explanation to this effect to say it is because of the Christian proclivities of Dee.

As to the "affinities" between the angels according to the ordering of the letters of their names as signs (vectors) upon the watchtowers (manifest), here follow the amounts per order, or number of letters in names, that share "affinity" with each other among the types or classes due to their area, or zone, of occurrence (neighborhood or sheet).

ORDER ONE AFFINITIES: 24 seniors or God names (37); natural substance (5); transportation (2); mechanical arts (3); secret discovery (2); medicine (11); precious stones (9); transformation (10); four elements (8).

ORDER TWO AFFINITIES: 24 seniors or God names (42); natural substance (6); transportation (3); mechanical arts (6); secret discovery (4); medicine (10); precious stones (6); transformation (11); four elements (5).

ORDER THREE AFFINITIES: 24 seniors or God names (47); natural substance (2); transportation (2); mechanical arts (2); secret discovery (3); medicine (7); precious stones (8); transformation (8); four elements (8).

ORDER FOUR AFFINITIES: 24 seniors or God names (44); natural substance (6); transportation (4); mechanical arts (2); secret discovery (3); medicine (10); precious stones (8); transformation (9); four elements (7).

ORDER FIVE AFFINITIES: 24 seniors or God names (49); natural substance (1); transportation (2); mechanical arts (2); secret discovery (1); medicine (7); precious stones (9); transformation (9); four elements (7).

ORDER SIX AFFINITIES: 24 seniors or God names (45); natural substance (6); transportation (1); mechanical arts (2); secret discovery (6); medicine (8); precious stones (15); transformation (7); four elements (11).

ORDER SEVEN AFFINITIES: 24 seniors or God names (37); natural substance (6); transportation (2); mechanical arts (3); secret discovery (2); medicine (9); precious stones (10); transformation (9); four elements (15).

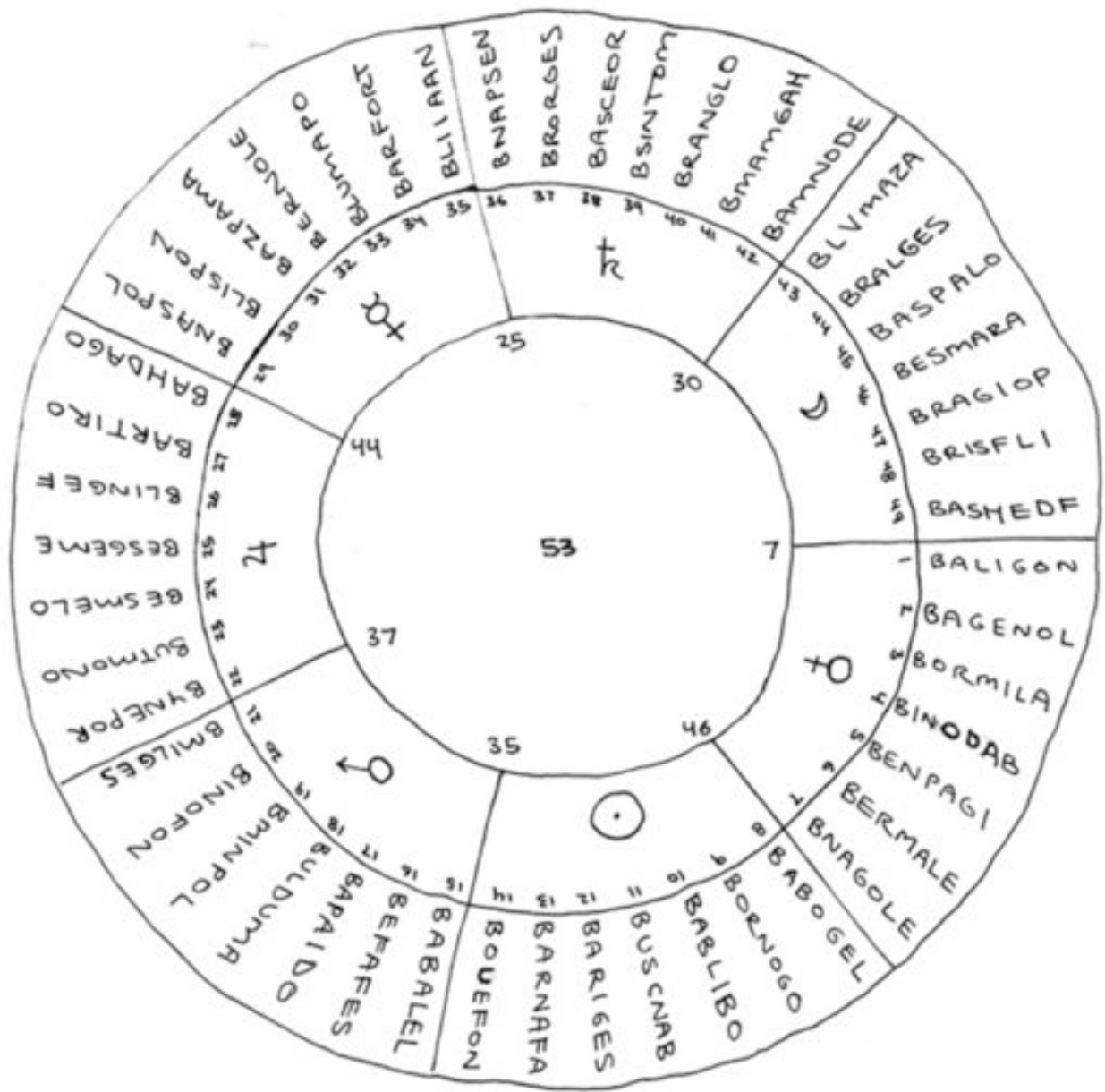
From these findings, which are based on the ordering of the board (the areas on the watchtowers), we can see that, not only is the construction of the system biased toward alchemy (with the "subordinate" themes of transmutation occupying larger areas), but that these ninety one intelligences are as well (with more signs passing through the subordinate areas other than medicine in 211 but the first and fourth orders). Also, we can see that empty sets occur for natural substance in the fourth order, sixth order and seventh order and ^{for secret discovery in the sixth order, and} mechanical arts in the second order. Since these are all supernal types rather than subordinate classes (sheets rather than neighborhoods) this is not altogether surprising, but the fact that it is these supernals rather than transportation, or even an average between all four, is revealing.

It could be speculated that Dee's placement of the types or classes on the areas or zones of the watchtowers is arbitrary, in which case the entire designation of affinities between the orders of the ninety one angels and the types or classes breaks down to merely arbitrary sharing of zones or areas. The degree of arbitrariness of this can only be based on the degree of arbitrariness on a conscious or unconscious level of Dee's interpretations of and the expression of Kelly's ambitions as an alchemist.

Some commentary on the findings:

- Spirits whose "call" is the 24 seniors: OPMACAS, GENABOL, CUALPIR, PENODOL, AMBRISH,
(or the 16 God names) GECALONO, TOCAREI, PARZIBA, S+AGEEL, BAECHIM, VASTAIM
- Spirits whose "call" is natural substances: PACASHA, ANBISHI, AXZIRAG, ASDIAGN, OOSIORS,
MULFAND, CUCARPT, TORZOXI, CHIREPA, ONIZIMP,
GEVARS, MATHULA, LABNIXP, OXINAL
- Spirits whose "call" is transportation: OELBON, VALGARS, ZAMPRES, PAISTAC, DOLEPAX,
TSDOOND, VIKTALS, CALZIRG, RANGOMB
- Spirits whose "call" is mechanical arts: PASLOMB, DIALIGAI, NOCAMAL, TAPAMAL, GEDONS,
SUCHIAL, OZIDAIR, CHIALPS, OBRAXTI, GOMZIAM
- Spirits whose "call" is secret discovery: THOTANP, FATHIR, ~~YATAMP~~, ZIRZIRD,
AYDROPT, YALPAMB, ZILBON, TADAGLA
- Spirits whose "call" is medicine: DOAGNIS, TIARFAX, SAKTOMP, NOCIABI, TASTOXO,
ORANIR, ORFANIB, OXLOPAR
- Spirits whose "call" is precious stones: VIRGOLI, VIVIPES, OORHAMB, TAHAMBO,
LAURCAN, ABRIOND, OMAGRAP, MIRZIND,
~~YATAMP~~ FOCSINI, ABVORPT
- Spirits whose "call" is transformation: SAMAPHA, LAIDIXI, TONHAGN, BORHEIN,
SIGMORE, NABROMI, TOTOCAN, ZARAHIM,
RANGLAM, NISARANA, SEMNAMB
- Spirits whose "call" is the four elements: USHARDA, TOANTOM, POPHAND, SAZIAMI

The spiritual intelligence entities (spies) of these several types and classes have certain "affinities" the one with the other among each group, according to the digitizing of their spin as it is measured on a matrix of the elemental watchtower manifold. Each of the types and classes here represented has its area, or zone, in the system, and, accordingly, its own subrouting of characteristic traits, including calls. It is to these which the "calls" of these angels refers; however the placement of their vector sigils does not find these intelligences given here necessarily in the same area, or zone, as the types and classes their digital attribution "calls". Rather, their placement on the watchtower manifold is based on to which element they answer, and to this end it should be noted that only 87 of the 91 of these intelligences are listed — excluding those for the tenth zyc, ZAX, which are "intermediary", as well as the "wandering" PAROAN (2 the 92nd, excluded initially by DOO, LAXBIZI, "the dipper"). It should also be soberly taken into account that the character traits of these intelligences are determined letter by letter, in order, compared to the zone of type or class they occupy on the watchtower, and that such is entirely separate from the type or class of their "call" — which is only the digitized sum of these traits in zones of type and class. The "affinities" between each order of these traits is independent of elemental watchtower. The order of these traits, which are really positions in spin, is between 6 and 8, and is only 6 in one case and 8 in two.





"You are invited"
(Spermatite et Spermat)

Session Two

covering: the "Sagittum Dei Aemeth,"
the "Bonorum," and ...
the 4 "Watchtowers,"

PASSWORD FOR ENTERING THE CLASS

the first sign of a new, more powerful, more effective, more efficient, more innovative, more... than I work for!

October 25, 2008
Saturday, 2:00PM @
the Crystal Connection
1101 Appleton Place
Orem UT 84057

Received 11 May 2006
Accepted 11 July 2006
Published online 11 July 2006

[illegible]

**“You are invited –
(Spectrum et Spectrum)”**

(Spectrum et Spectrum)

Session THREE

the "Erosian" System of
the Golden Dawn

covering "bath" Golden Dawn material.
Lester Systems of John Dee
used by the Golden Dawn,
and the "4 Watchtowers."

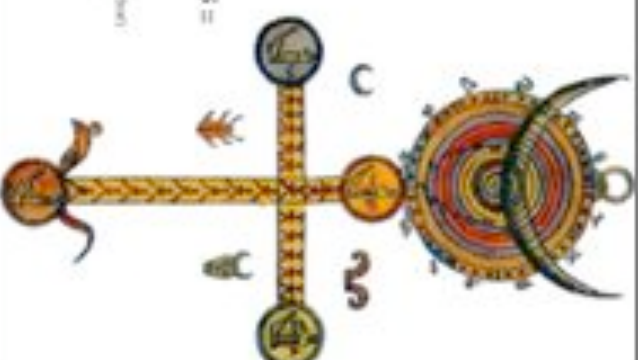
= PASSWORD FOR ENTERING THE CLASS =

(to be given upon purchase of an order than 1 month prior)

November 1, 2008
Saturday, 2:00PM @
the Crystal Convention
1101 Aqueduct Pkwy.
Orlando, FL 32839

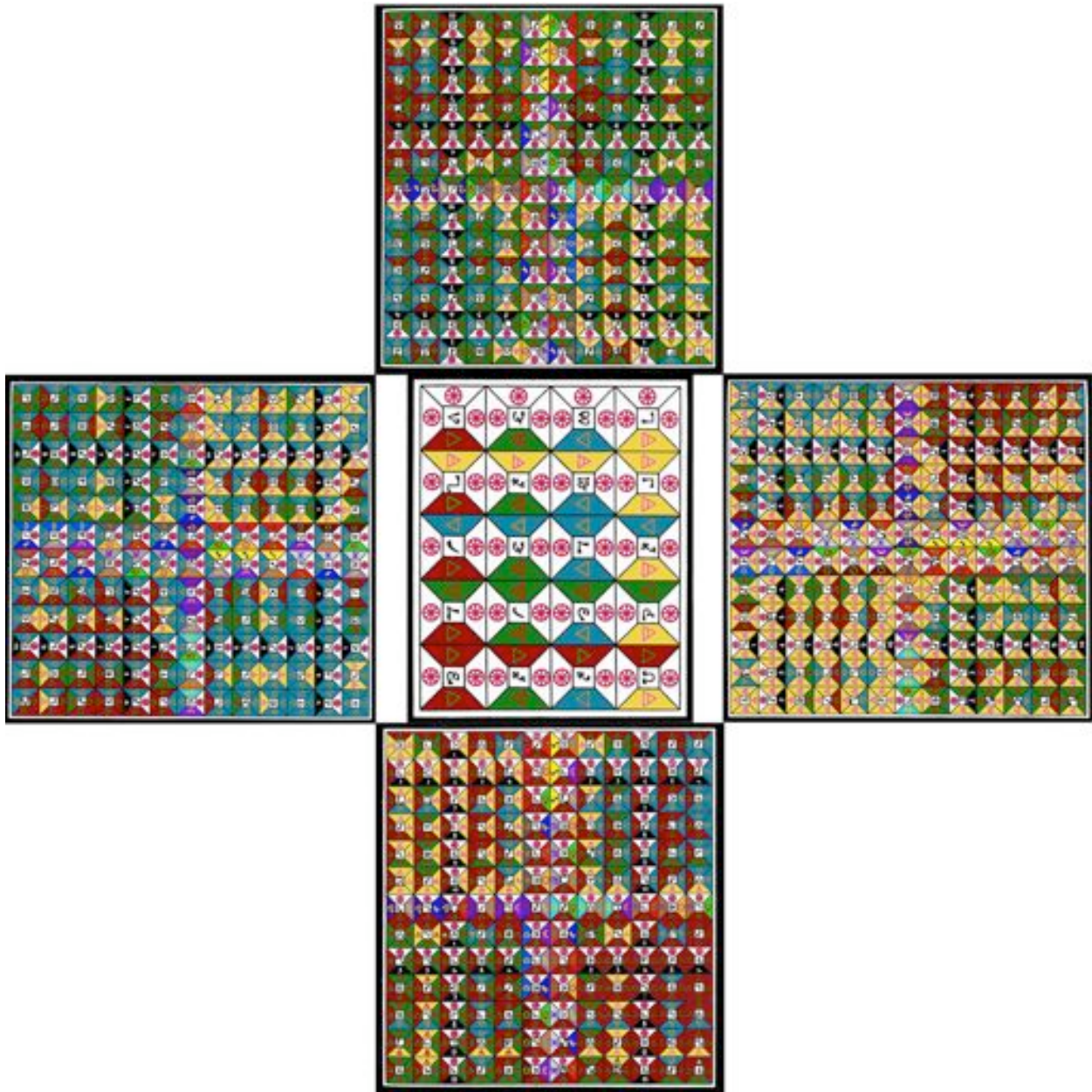
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Neo-Enochian Workings

by: Jon Gee

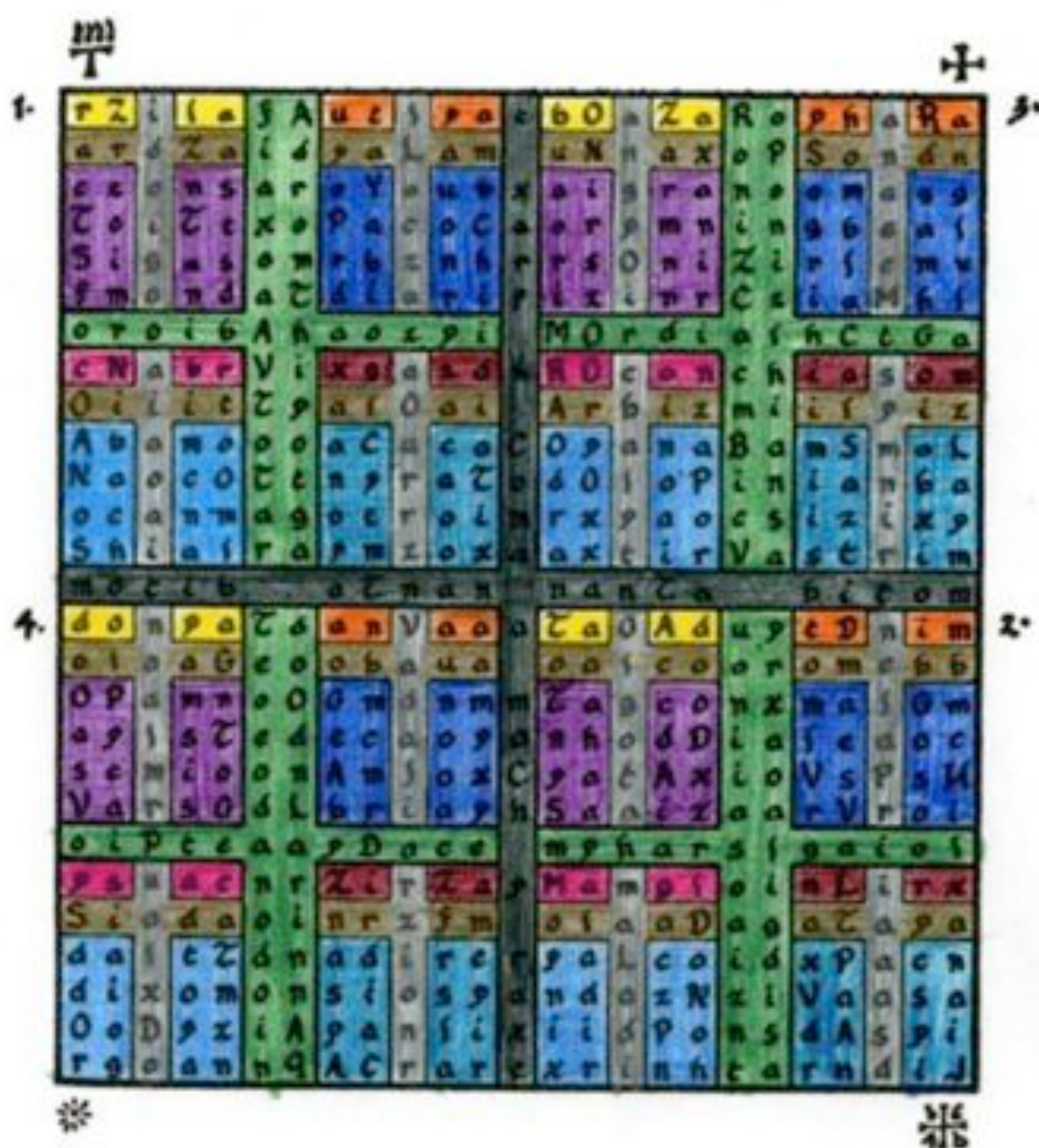


The completed 4 watchtowers arranged
around the tablet of union as in an altar array,
facing East.

r	Z	i	a	f	A	y	t	l	p	a	e	T	a	O	A	d	v	p	t	D	n	i	m									
a	r	d	Z	a	i	d	p	a	L	a	m		o	a	i	c	o	r	o	m	e	b	b									
c	z	o	n	s	a	r	o	y	a	u	b	x	T	a	g	c	o	n	z	i	n	i	G	m								
T	o	i	T	t	x	o	p	a	c	o	C	a	n	h	o	d	D	i	a	i	a	a	o	c								
S	i	g	a	s	o	n	r	b	z	n	h	r	f	a	t	A	x	i	v	V	s	P	a	N								
f	m	o	n	d	a	T	d	i	a	r	i	p	S	a	a	i	z	a	a	r	v	r	o	i								
o	r	o	i	b	A	h	a	o	s	p	i		m	p	h	a	r	s	i	g	a	i	c	h								
c	N	a	b	a	V	i	x	g	a	z	d	h	M	a	m	g	i	o	i	n	L	i	r	x								
O	i	i	i	t	T	p	a	i	O	a	i		o	i	a	a	D	a	g	a	T	a	p	a								
A	b	a	m	o	o	o	a	C	u	c	a	C	p	a	L	c	o	i	d	x	P	a	c	n								
N	a	o	c	O	T	t	n	p	r	a	T	o	n	d	a	z	N	z	i	v	a	a	s	a								
o	c	a	n	m	a	g	o	t	r	o	i	m	i	i	d	p	o	n	s	d	A	s	p	i								
S	h	i	a	i	r	a	p	m	z	o	x	a	x	r	i	n	h	t	a	r	n	d	i	L								
m o t i b											n a n T a											b i t o m										
b	O	a	Z	a	R	o	p	h	a	R	a	a	d	o	n	p	a	T	d	a	n	V	a	a								
u	N	n	a	x	o	P	S	o	n	d	n		o	i	o	a	G	e	o	b	a	v	a									
a	i	g	r	a	n	o	a	m	a	g	g	m	O	P	a	m	n	o	O	G	m	d	n	m								
o	r	p	m	n	i	n	g	b	e	a	i	o	a	b	i	s	T	e	d	e	c	a	o	p								
r	s	O	n	i	z	i	r	i	e	m	u	C	s	c	m	i	a	o	n	A	m	i	o	x								
i	z	i	n	r	C	z	i	a	M	h	i	h	V	a	r	s	G	d	L	b	r	i	a	p								
M	O	r	d	i	a	i	h	C	t	G	a		o	i	P	t	e	a	a	p	D	o	c	e								
R	O	c	a	m	c	h	i	a	s	o	m	p	p	s	v	a	c	n	r	Z	i	r	Z	a								
A	r	b	i	z	m	i	i	i	p	i	z		S	i	o	d	a	o	i	n	r	z	i	m								
O	p	a	n	a	B	a	m	S	m	a	L	r	d	a	i	t	T	d	n	a	d	i	r	e								
d	O	i	o	F	i	n	i	a	n	b	a	a	d	i	x	o	m	o	n	s	i	o	s	p								
r	x	p	a	o	c	s	i	z	i	x	p	x	O	o	D	p	z	i	A	p	a	n	i									
a	x	t	i	r	V	a	s	t	r	i	m	e	r	g	o	a	n	n	P	A	C	r	a	r								

Caco-demons of the reformed great table, color-coded according to tasks.

Color coding is according to this scheme,
as seen on the pre-Raphaelite great table:

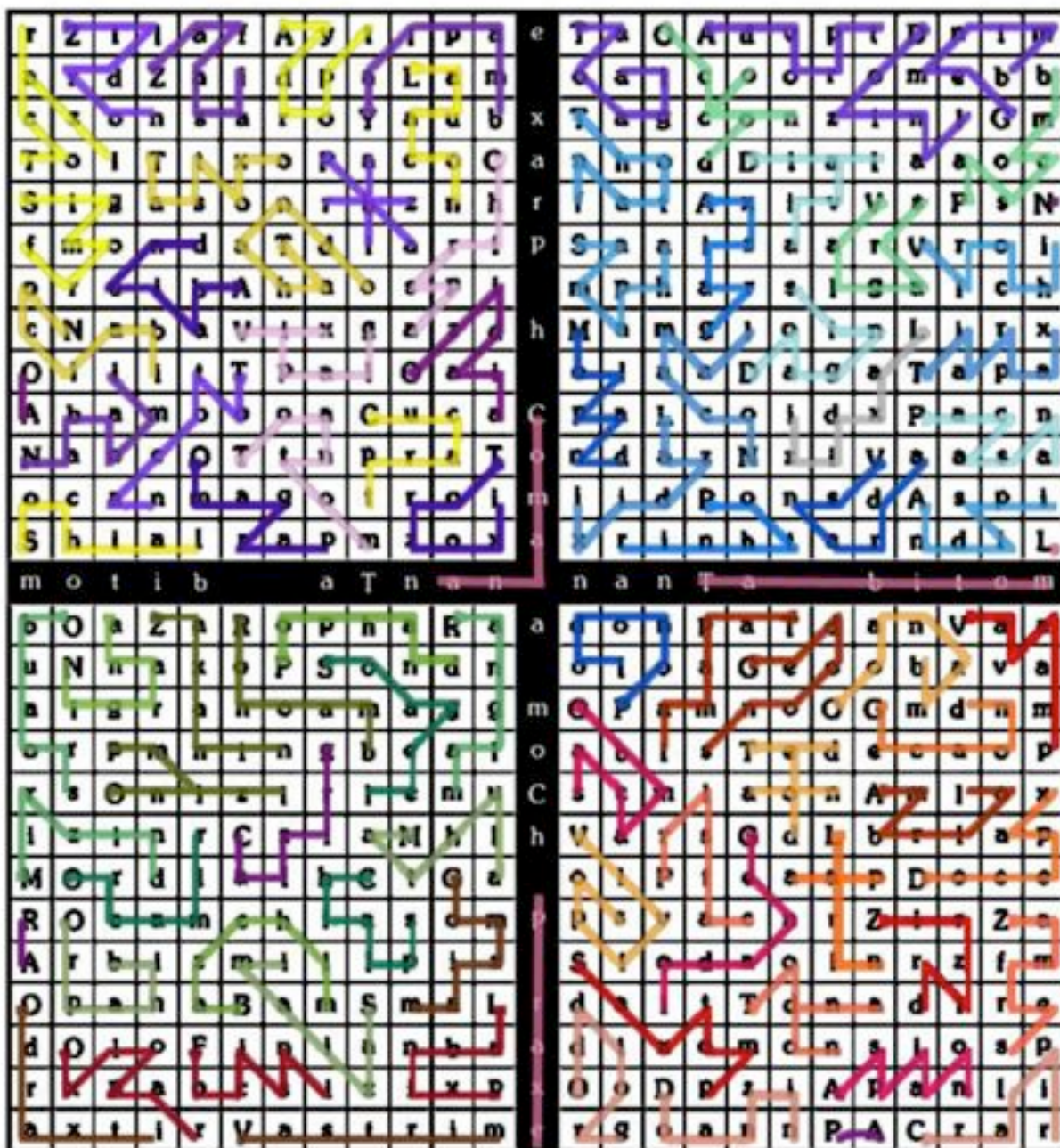


medicine
 precious stones
 transformation
 Elements
 (t-b: Δ ∇ ∇ Δ)

natural substance
 transportation
 mechanical arts
 secret discovery
 God names

SUPERNAL

twentyfour seniors



The 91 sigils imposed on the post-Raphaelite reformed great table of the 4 Watchtowers, color-coded according to the 30 ayres.

Color-coded according to a correction of the color-coding used in this, pre-Raphaelite reform, model:

THE GREAT TABLE

THE GREAT TABLE

1.

r	z	i	f	a	f	A	u	e	s	p	a	e	6	0	a	z	R	o	p	f	a	R	a
a	r	d	z	a	i	d	y	a	l	a	m		e	N	n	a	z	L	P	S	a	d	a
c	z	o	n	s	a	r	o	y	a	u	b	x	a	i	r	a	n	e	p	a	p	a	p
z	o	i	z	e	x	o	p	a	c	o	C	a	r	t	p	a	n	i	n	g	o	a	i
S	i	g	a	s	o	m	r	b	z	n	r	r	t	5	0	a	n	i	c	e	m	v	
f	m	o	n	d	a	z	d	i	a	r		f	i	x	i	n	t	e	r	a	M	n	i
o	r	i	b	A	f	a	o	z	o	i			M	0	d		f	e	e	G	a		
e	N	a	b	r	V	i	x	a	z	o			R	0	c	a	n	c	h	L	a	s	o
O	i	i	e	t	z				O	i			A	r	b	i	z	m	i	i	z		
A	b	a	m	o					C	u	c	a	G	O	p	a	n	a	B	a	m	S	m
N	a	o	o						r	a	z		d	0	i	p	i	n	a	n	b	a	
o	c	a	n	m	a	g	o	c	r	o	i	n	r	x	p	a	o	s	i	z	c	a	p
S	h	i	a	i	r	a	y	m	z	o	x		a	x	t	i	r	V	a	s	t	r	i
m	o	t	i	b					a	z	n	e	n	a	n	z	a		b	e	c	o	m

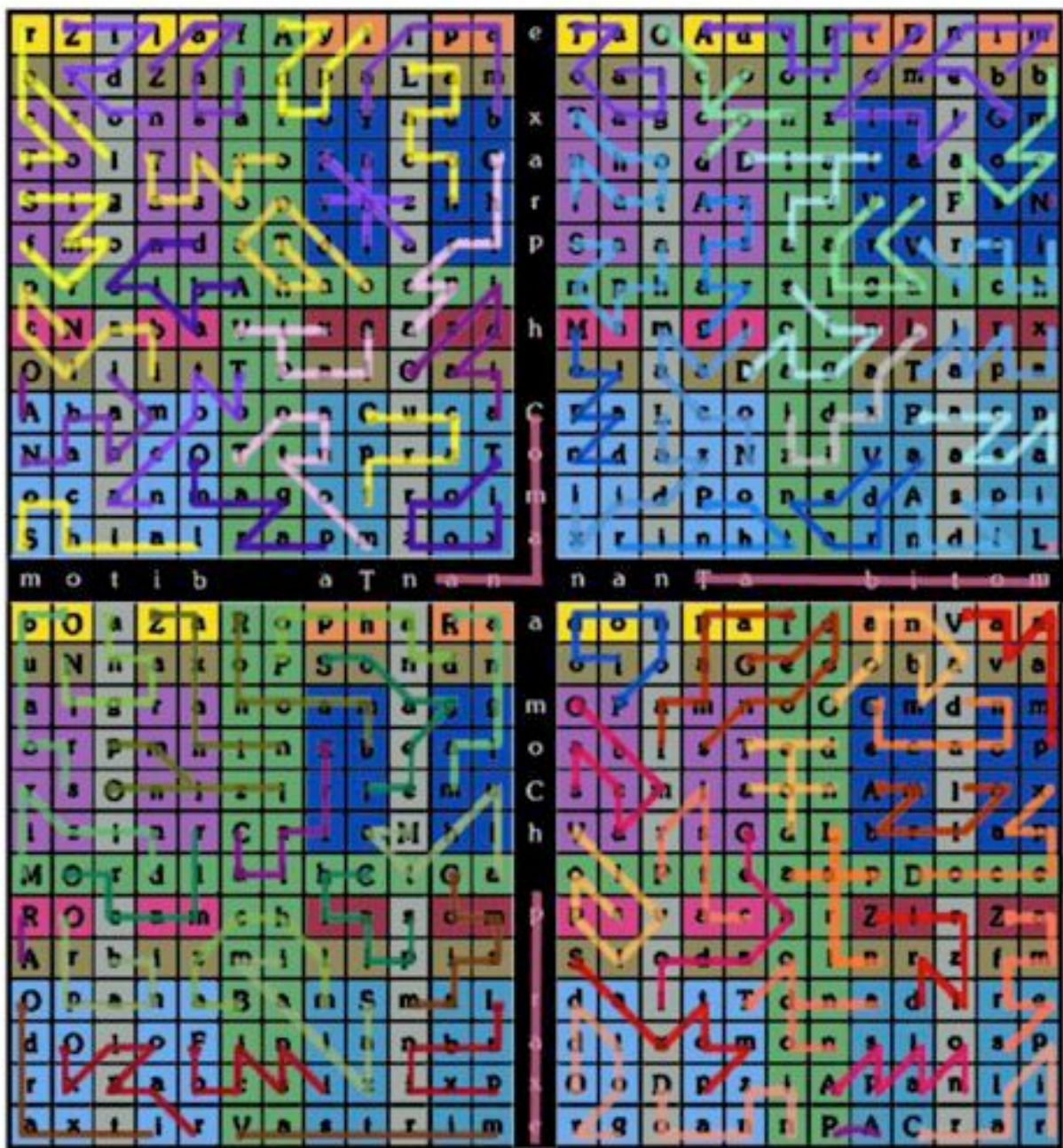
4.

d	a	n	a	e	s	e	n	V	a	a		a	G	a	O	A	d	u	e	d	a	i	m
O	p	a	n	a								a	c	a									
y	s	z	e	d	e	a	o	y	o	n	h	o	d	D	i	o	f	e	a	o	c		
S	e	m	i	o	n	A	m	j	a	x	C	p	a	t	A	x	i	o	V	s	p	s	
V	a	t	s	G	o	L	e	n	a	p		S	a	p	i	z	a	a	r	V	r	e	
e	i	P	e	a	a							m	e	n	a	r	s	i	a	a			
e	s	a	e	n	t							M	a	m	g	i							
S	i	d	a	a								d	i	a	D	a	g	a	z	a	a		
d	a	i	e	z	a	n	a	d				z	a	L	o	i	d	x	p	a	c	a	
O	x	o	m	o	n	s	i	o	s	p		n	a	a	R	z	i	V	a	o	s	a	
O	d	p	x	i	A	y	a	n				i	o	p	o	s							
r	g	o	a	n	q	A	C	r	a	r		x	r	i	n	h	e	a					

⊙ S Δ

W Δ ⊙

- 1 LIL
- 2 ARN
- 3 ZOM
- 4 PAZ
- 5 LIT
- 6 MAT
- 7 DEO
- 8 ZID
- 9 ZIP
- 10 ZAX
- 11 ICH
- 12 LOE
- 13 ZIM
- 14 YTA
- 15 OXO
- 16 LEA
- 17 TAN
- 18 ZEN
- 19 POP
- 20 CHR
- 21 ASP
- 22 LIN Δ Δ Δ Δ
- 23 TOR
- 24 NIA
- 25 VTI
- 26 DES
- 27 ZAA
- 28 BAG
- 29 III
- 30 TEX

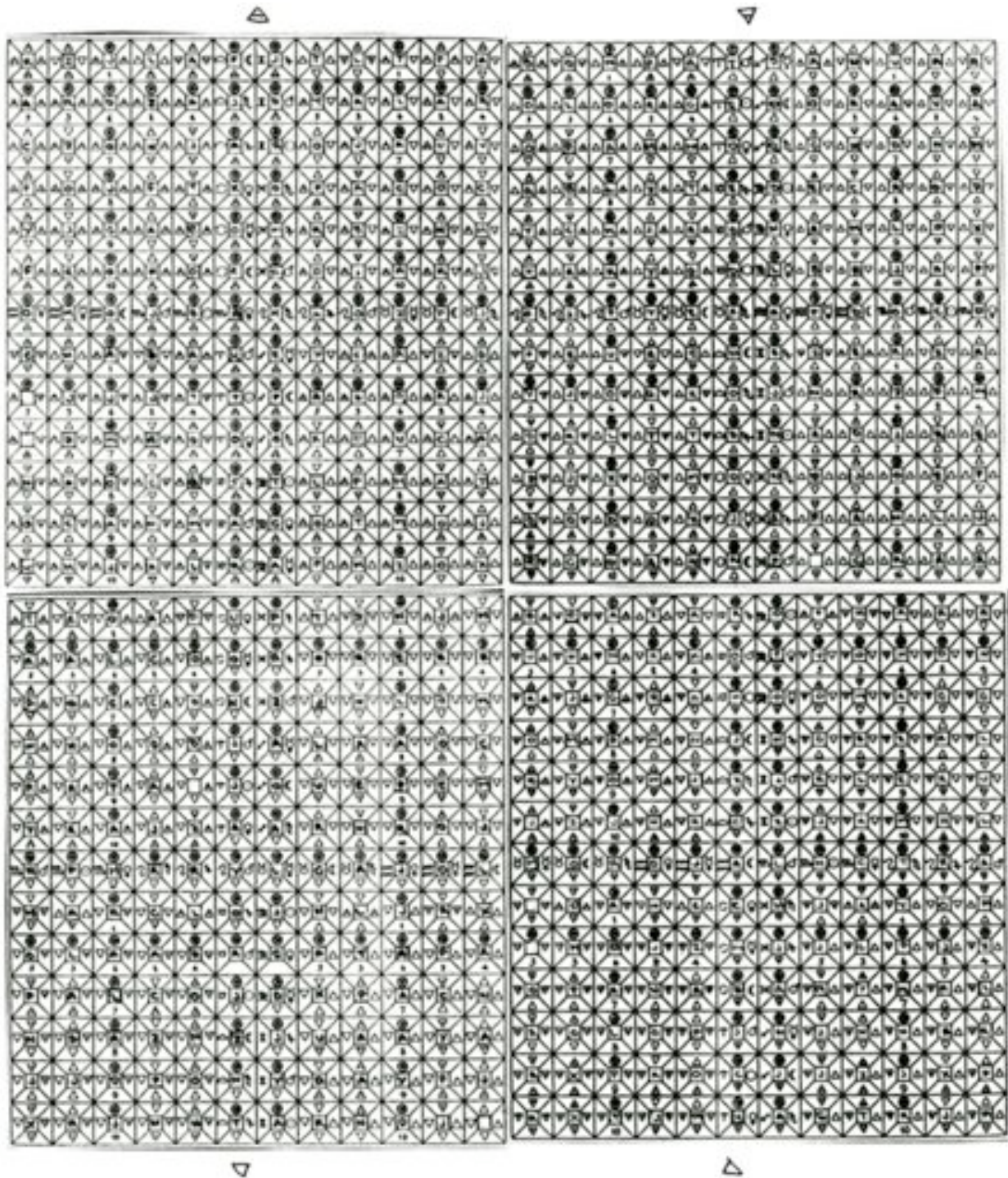


A color-coded model of John Dee's "Enochian magic" encryption system.

the
Atlantean
Calendar

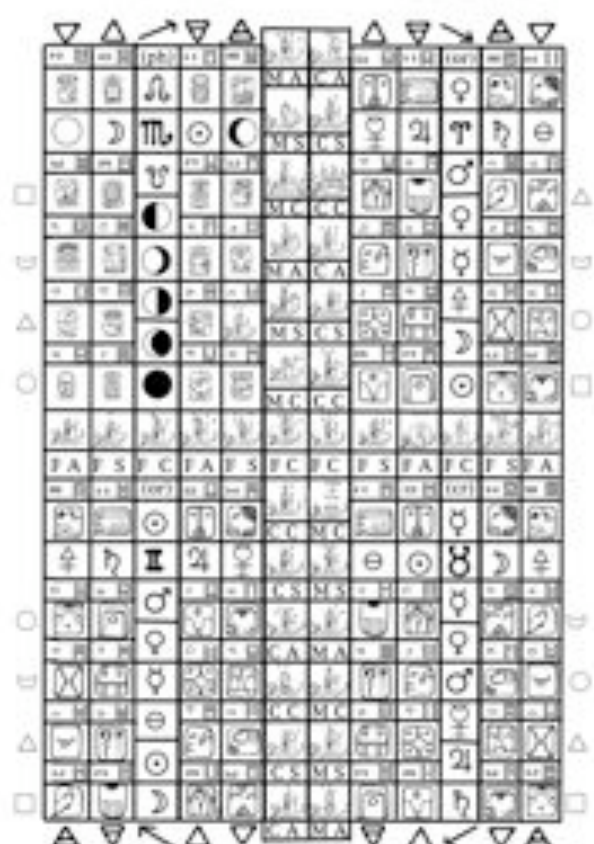
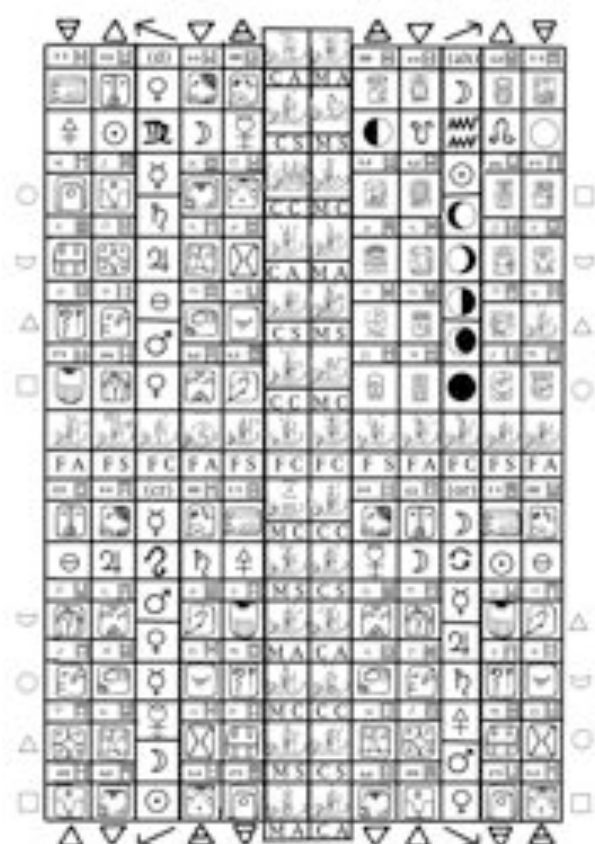
Jon Gee

the Atlantean Calendar

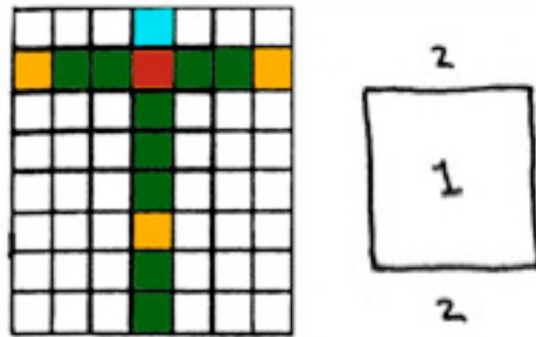


from Crolwey's Liber Chanockh, the four elemental Watchtowers of John Dee. Letters are arranged according to the later, Raphaelite revision and translated from the Enochian. Sub-elemental, zodiacal, planetary and sephirotic attributions are essentially identical to the Golden Dawn.

This forms the sub-structure for the Atlantean Calendar design.

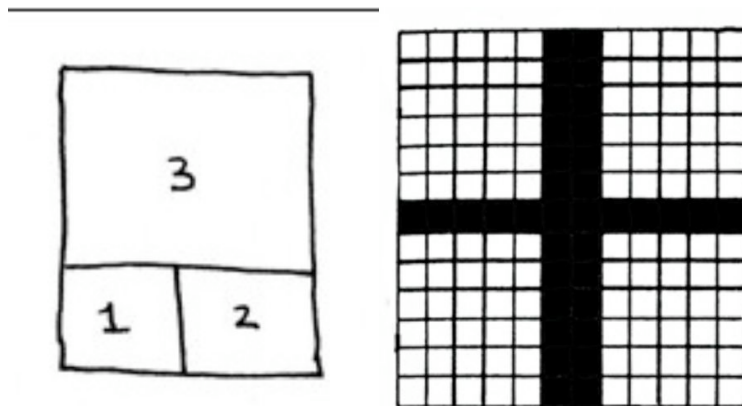


the Key to Reading the Calvary Crosses

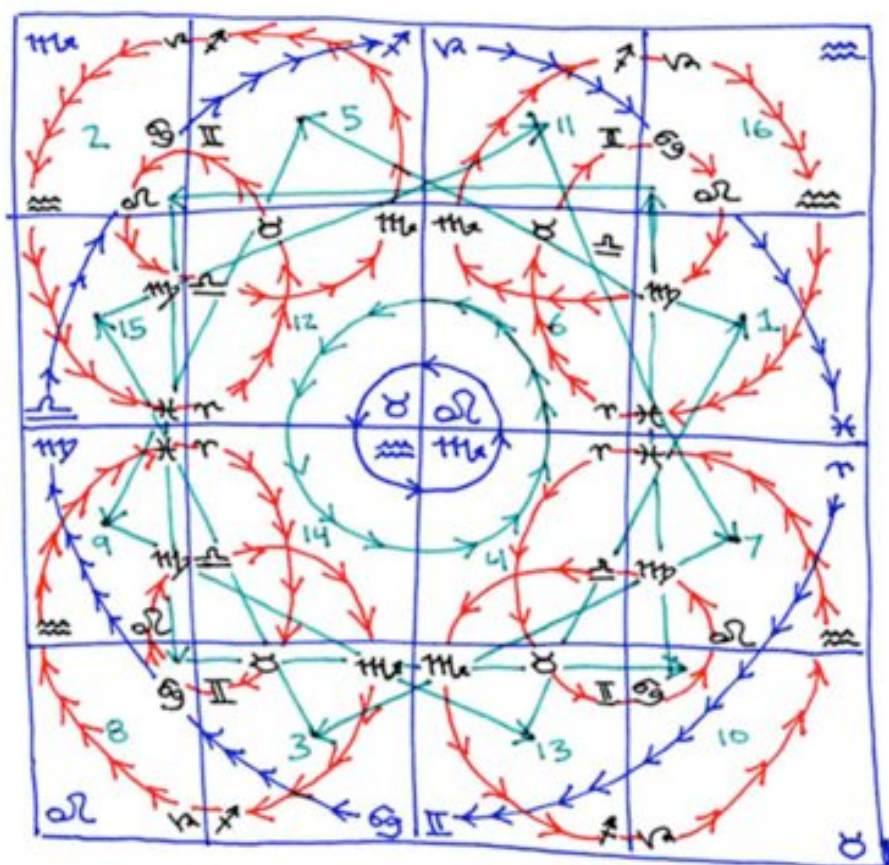


- 1) THE RULER GLYPH (blue): always located at the "head" or uppermost vertical position of the calvary crosses, this is the "ruling" planet of the sign or caput/cauda draconis.
- 1) PLANETARY GLYPH (green): the seven known planets of antiquity arranged relative to the alternating solar and lunar eclipse positions per aeon.
- 1) CARDINAL SIGN (red): the cardinal (or Kherubic) zodiacal sign from the top position below the left arm of the calvary cross.
- 1) ALCHEMICAL GLYPH (orange): circular SALT, pointed SULPHUR, and Dee's MERCURY rotate from one point to the next counter-clockwise.
- 2) THE DIAGANOL VECTOR: shows the orientation from one zodiacal sign or Mayan day-name to the next in sequence.
- 2) PERIHELION OR APHELION: position of earth relative to sun in orbit

Key to Reading the Revised Astrological Precession of Fourth Order Elemental Forces



- 1) ATRIBUTION OF SIGN: these pertain to whether the sign is "movable," "fixed" or "common" as relates to the "attraction" of each sign to its "throne" (or a certain "pure" element assigned to it) in accordance with a counter-rotation of the movable and common signs around and about the fixed signs by recombinations of the fourth-order in the compositions of their relative elements.
- 2) ATTRIBUTION OF DEKAN: these pertain to whether the particular dekan is "ascendent," "cadent" or "succedent" based on the first, second or third 10 degrees of each 30 degree sign it occupies.
- 3) HIEROGLYPHIC DEKAN: these are the hieroglyphic representations of the dekans according to the solar Egyptian civil calendar as per each representing 1/3 of 1 sign, or 10 degrees each of the ecliptic.

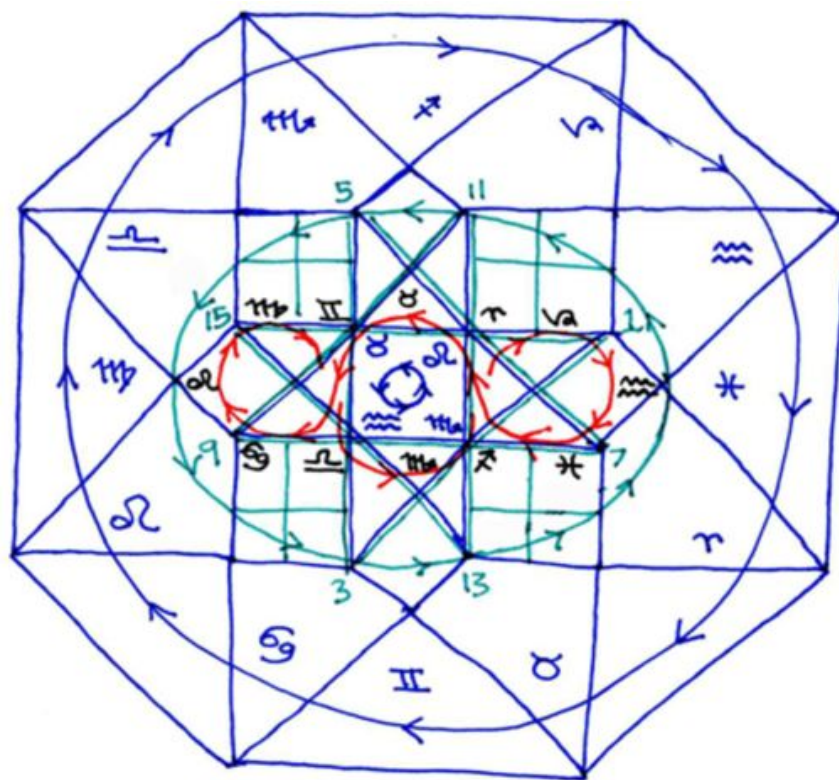


MAYAN
PRIME
KIN

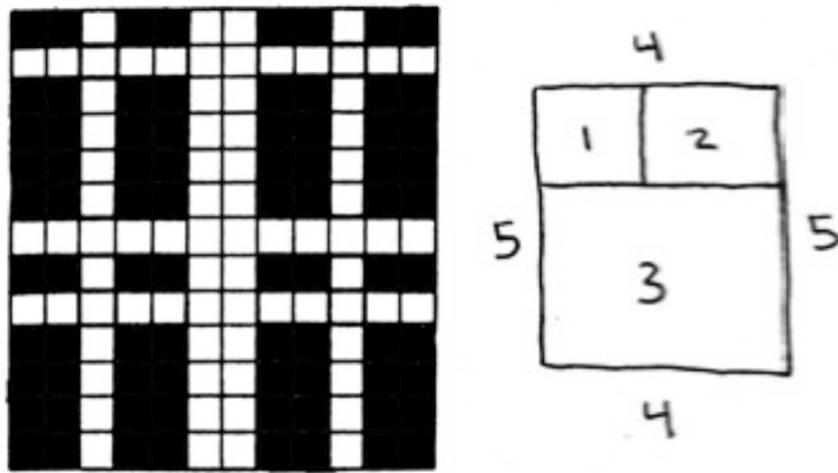
DEKANS

sub-angles
per watchtower

#s = 1-16
dotted sub-
elements



the Key to Reading the Integrated Reformed Vector System

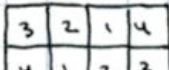


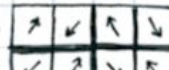
- 1) THE TRIGRAM OR ZODIACAL ATTRIBUTION: these are either one of the eight "double" base triagrams or a sign of the zodiac. The attribution listed is arrived at by a crossing of the characteristics represented in positions 4 and 5.
- 2) THE HEXAGRAM ACCORDING TO THE KING WEN: these are one of 64 hexagrams arranged moving in an upward column and the counterclockwise around the outside quadrants sequence in the King Wen order of the I Ching.
- 3) THE TWENTY MAYAN DAY NAMES OF THE HAAB: these are arranged along the same sequential diagonal vector as the zodiacal signs of the first position, and according to an order where a cardinal direction is assigned to each element in positions 4 and 5.
- 4) THE 4 ELEMENTAL PERMUTATIONS: each quadrant of the Watchtowers represents a different permutation of the base-4 elements.
- 5) THE 5 ELEMENTAL TATTWAS: the eastern equivalent of the four basic elemental forces (Akasha not depicted).

2) the I Ching

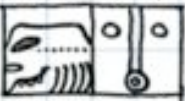
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keys to reading the I Ching





3) keys to reading the Mayan kin (day) names

E Δ N ▽		W Δ S ▽		E N		W S		1) IMIX	11) CHUEN
								2) IK	12) EB
								3) AKBAL	13) BEN
S				S				4) KAN	14) IX
W				W				5) CHICCHAN	15) MEN
N				N				6) CIMI	16) CIB
E				E				7) MANIK	17) CABAN
								8) LAMAT	18) ETZNAB
								9) MULAC	19) EUAC
								10) OL	20) AHAU

[uinal = 20 kin]

[Tun = 360 kin (18 uinal)]

[Haab = 365 kin (1 Tun + 5 xama kaba kin)]

[Katun = 20 Tun = 7,200 kin = 19.712849 years (year = 365.244)] = cycle

[Baktun = 20 Katun = 400 Tun (20²) = 144,000 kin = 394.25698 years] = Great Cycle

[Tonalamatl = 13 Baktun = 260 Katun = 5200 Tun = 55,728,000 kin = 5,125.3408 years]

[Piktun = 20 Baktun = 400 Katun = 8000 Tun = 57,600,000 kin = 7,900 years]

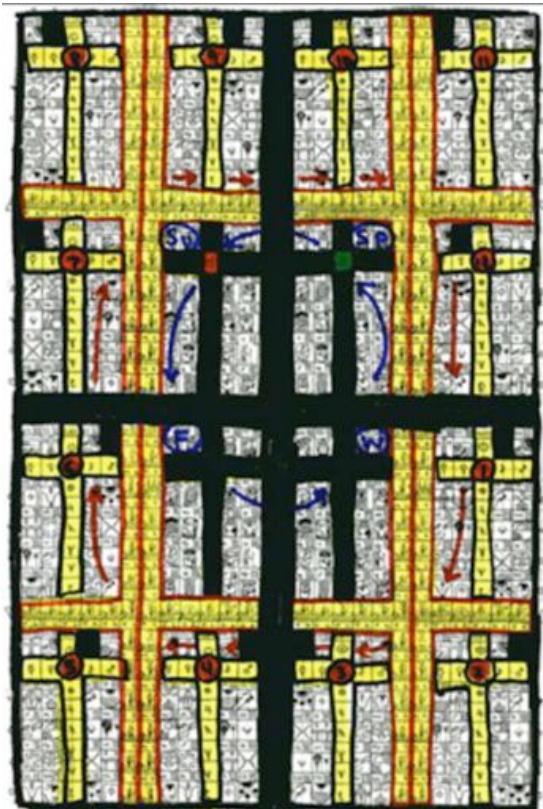
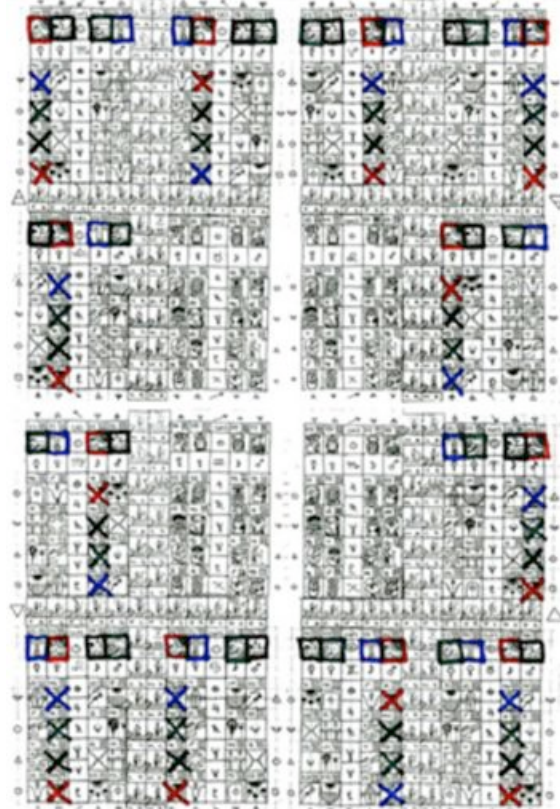
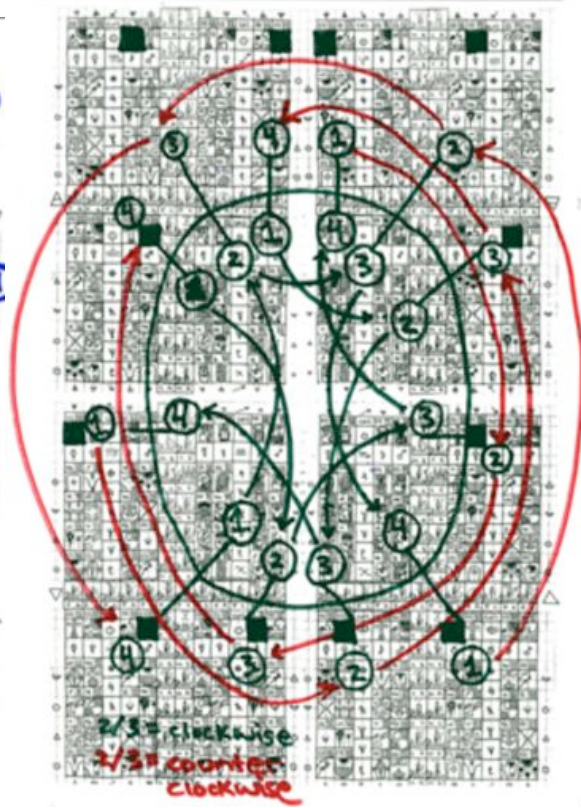
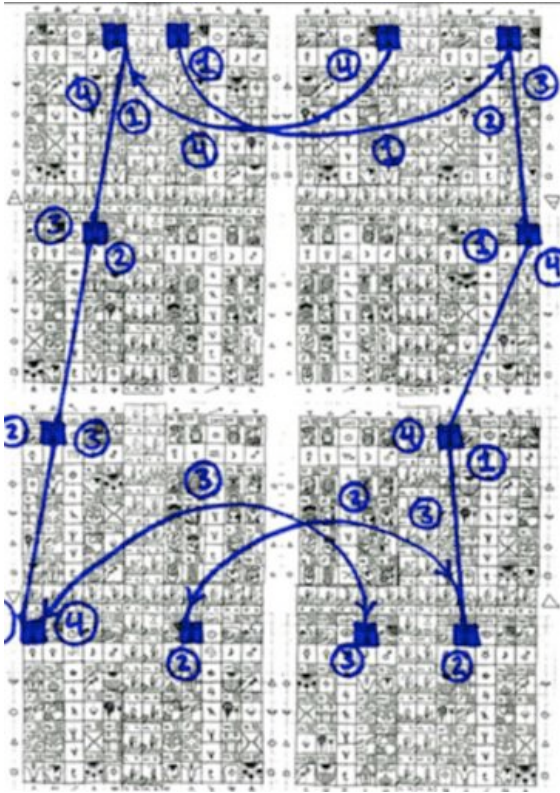
[Kalabtun = 20⁴ = ~158,000 years]

[Kinchiltun = 20⁵ = ~3.15 million years]

[Alautun = 20⁶ = ~63.1 million years]

[Hablatun = 20⁷ = ~1.26 billion years]

4,5) following each "prime" kin



the Table of Union

	4		5		4		3		2
									
	3		2		5		4		3
									
	2		3		2		5		4
									
	5		4		3		2		5
									

the Key to Reading the Revised Table of Union

4	2
	3
1	5

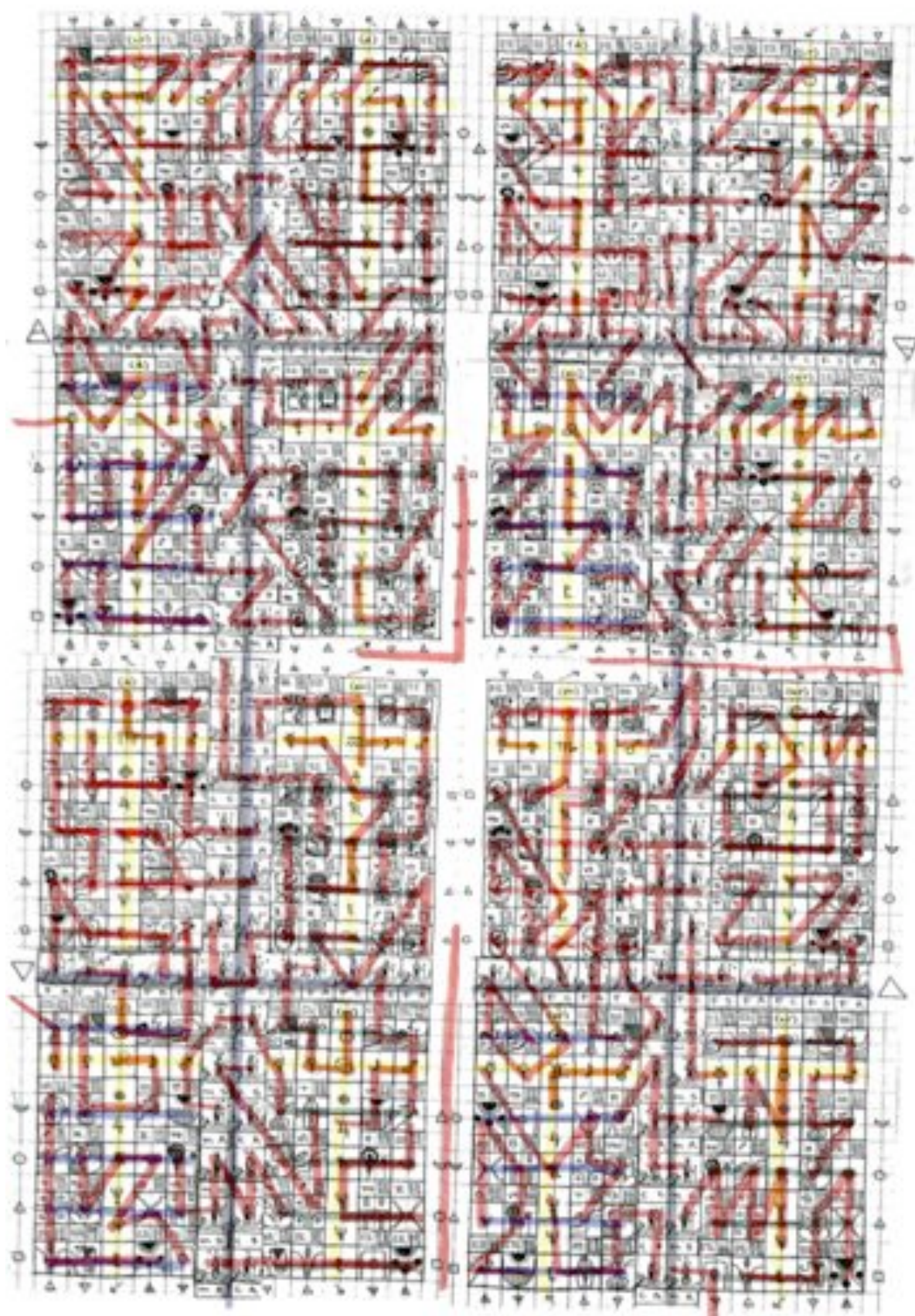
1) ELEMENTS (or element of element): along the left column are listed the pure elements in ascending order of occurrence by formation as forces in modern astro-physical cosmology. From each character of this column derives a row of "lesser" or combined elements. Of these the trait to the left presents the applied characteristic to the base character trait to the right. It should be noted that the doubled or combined elements cross from lower right to upper left.

2) NUMBERS OF RATIO DIFFERENCE BETWEEN ELEMENTS: there are to be read between each element and that given below it, or, in the case of those on the lowest row, with those on the uppermost row. These represent the degree in difference of certain qualifying categorical traits, given by Aristotle as adjectives and given rank by Cornelius Agrippa. Refer to the NOTE by SRMD, p. 611, REGARDIE'S GOLDEN DAWN.

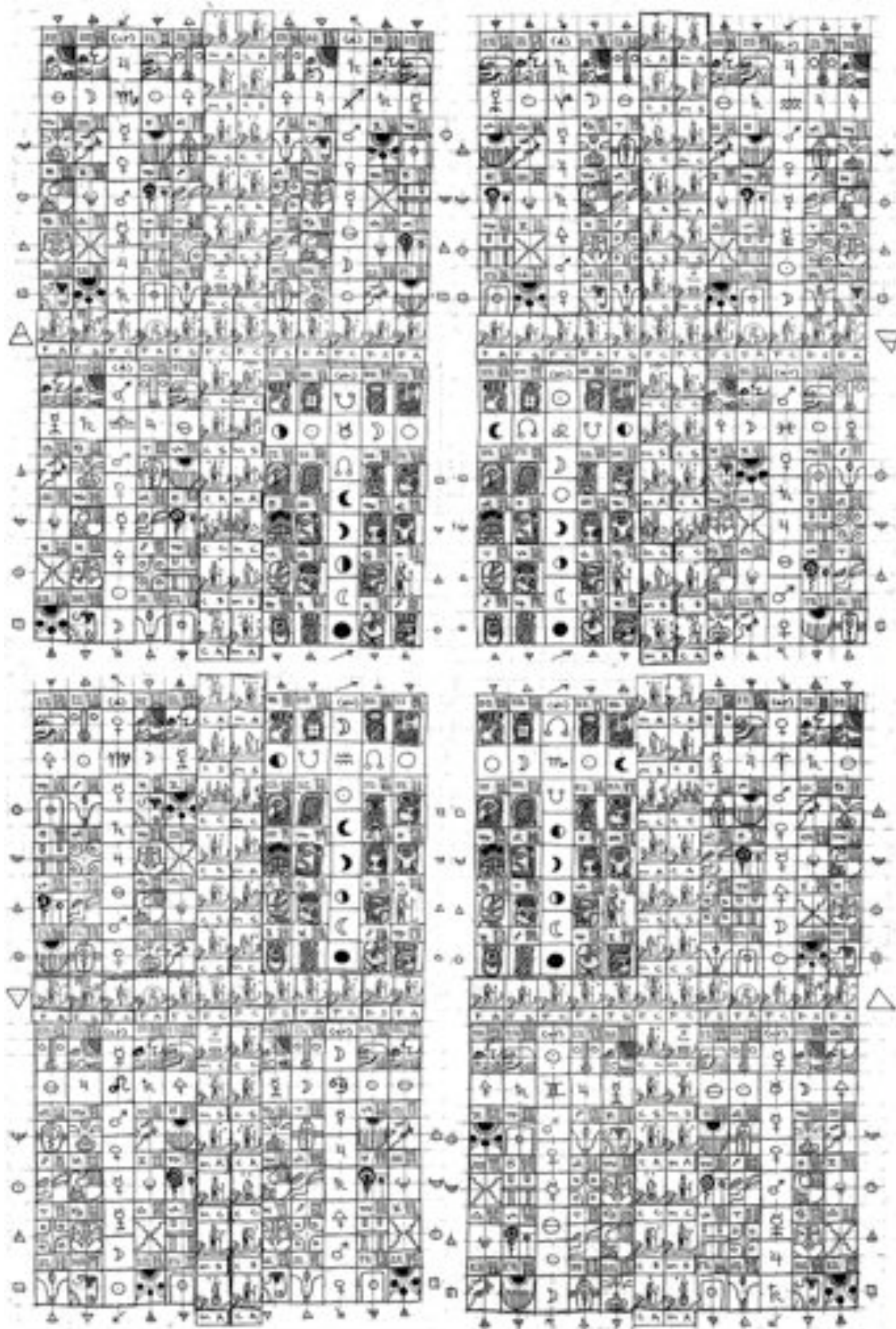
3) THE CORRESPONDENT TRAITS OF THE I CHING: these are given where applicable, the trigrams following an upward-left diagonal concourse, and the hexagrams following a downward-right diagonal concourse, so that they overlap and cross by one another.

4) THE MONTHS OF THE MAYAN HAAB AND THE UYEB: there are eighteen proper months in the Mayan Haab, or solar calendar, and these are given upward-left diagonally in accordance with the pattern of the numbers of ratio difference between the elements. The interpolation of the Uyeb (in ratio 2 and 4 in the left column) represent the interpolation between certain months of the 5 xma kaba kin. This being the fifth tablet, it can also represent the addition to one of the two Uyeb of a sixth xma kaba kin, as the equivalent of a leap year.

5) THE LETTERS GIVEN BY DEE FROM THE BLACK CROSS: these letters, which derive from the sectional division of the Watchtowers, are taken thus as a whole, singular series to be read from left-right before top-bottom, and signify the ruling dignities of the "pure" elements.



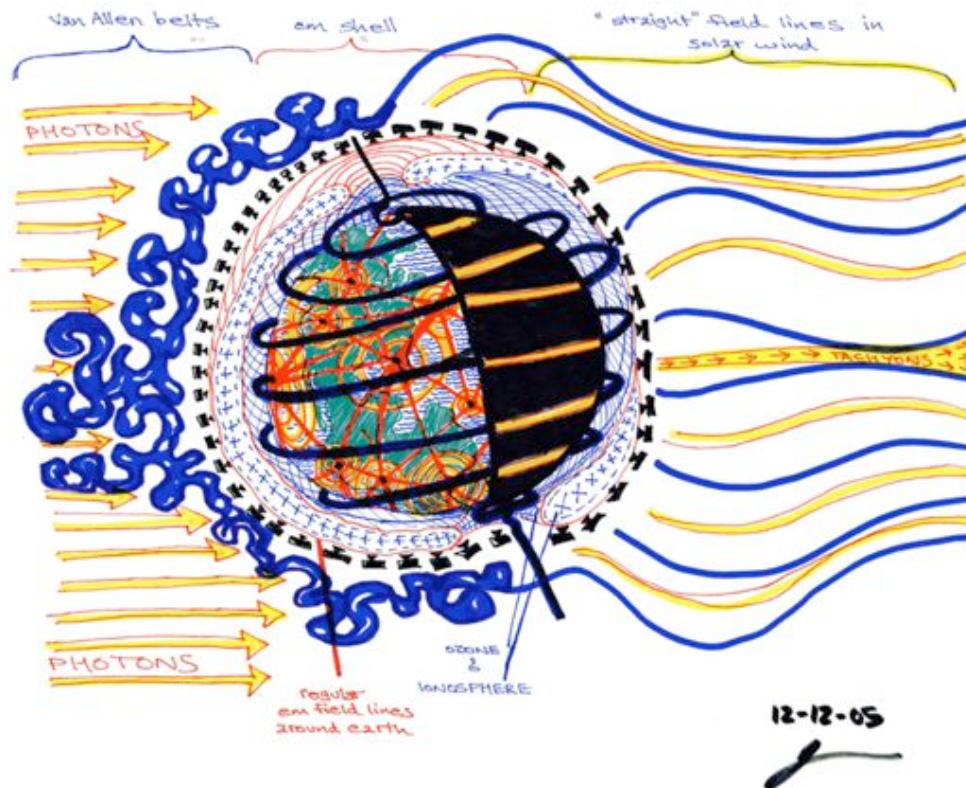
How to read the complete calendar



The tonalamatl is used to represent the basic unit = 1 precessional cycle
 within this there are 12 sub-units, and within the 12 sub-units, 12 base units.
 each base unit can represent 1 solar age = ~2000 years
 each sub-unit can represent 1 basic unit
 the basic unit can therefore also represent 12 precessional cycles
 the interior quadrants each represent 1 haab
 1 haab = 18 times the sub-unit plus the xama kaba kin
 after 4 haab and extra "day" is added to the xama kaba kin to signify "leap year."
 after 4 haab, a new non-"leap year" haab starts.
 the 5th haab is signified by the tablet of union
 the 3 sub-units per 1 haab, with 1 haab, represent an element.
 the astrological sign of the haab = the sign of the element.
 the order of these elements = the seasons of the sign of the element = aphelion or
 perihelion of earth's orbit
 the number of base units is 144
 if each base unit = ~2000 years, the tonalamatl = 288,000 years
 the number of base units per haab = 228 and number of years = 456,000
 the number of base units for the 5 haab = 1140
 the number of years measured by the 4 haab is = 1,800,000
 the number of years measured by the 5 haab is = 2,280,000

$$\begin{aligned}
 & \bullet 12 \times 18 = 216 \times 4 = 864 \times 2000 = 1728000 = \# \text{ years per 4 haab} \\
 & \bullet \overset{d}{5} \times \overset{h}{4} + \overset{14}{1} = 21 \times 2000 = 42000 \text{ (per 4 sub-units)} \\
 & \quad 55 \times 4 = 22 \quad + \quad \text{Xmaksozkin} \\
 & \bullet 5 \times 1 + \frac{1}{4} = 5.25 \times 2000 = 10500 \text{ (per sub-unit)} \quad \leftarrow \text{tablet of union} \\
 & \quad \quad \quad \underline{525000 \text{ (total Xma years for 4 + tu)}} \\
 & \quad 432000 + 105000 = 537000 \text{ (total years each haab + Xma)} \\
 & \quad \quad \quad + \\
 & \bullet 12 \times 3 = 36 \times 2000 = 72000 \text{ (total years tonamatl per WT)} \\
 & \quad \quad \quad \underline{609000 \text{ (total years per WT)} \times 4 = 2436000 \text{ (grand total of years whole system)}} \\
 & \bullet 12 \times 18 \times 2000 = 432000 \\
 & \quad + \quad \underline{10500} \\
 & \quad \quad \quad 442500 \quad \left. \vphantom{\begin{matrix} 432000 \\ + 10500 \end{matrix}} \right\} \# \text{ y. t. o. u.} \quad \begin{array}{r} 442500 \\ + 2436000 \\ \hline 2878500 \end{array} \\
 & \quad \quad \quad \text{grand total + t. o. u.} \quad \uparrow
 \end{aligned}$$

The Enochian Communications Systemsome schematics and commentary



Here we see the earth, tilted to 23.5 degrees relative to the "straight" solar radiation (deriving from off page left), and its surrounding EM fields.



Here we see all the essential components of the Enochian Communications System.

the three main components of the ECS today are:

1) the karmic centres: The karmic centres are places where earth's inherent EM signature aura is drawn unnaturally toward and around man-made constructs, causing an influx (such as at the Kabba stone) or occlusion (such as the Bermuda triangle). These can be any scale and malleability as well of course, from the pyramid mounds of China to the tiniest voodoo doll. However generally we measure these based on quantity of distortion effect. For example Stone Henge would rank very high. So would HAARP in Alaska. A voodoo doll, no matter how effective, would rank very low.

2) the ley lines: The ley lines connect these karmic centres, such that actual electromagnetic field lines surrounding the earth pass invisibly through the sacred locations as do the electro-chemical impulses travel through our nervous system between pressure points and the chakras. As the electromagnetic field of the earth coils up around itself due to the combination of rotation or revolution of our planet, the EM field lines pass through the karmic pressure points and chakras of the earth's own soul.

3) the satellites: The satellites are, in this go-around, metal with silicon melted sand and melted oil plastic resin microchip computer processors built into them to perform simple robotic tasks such as relaying pulsed electromagnetic signals. There is some theory in the past that the use of stones as ships themselves was possible, since some of the rock contained high basalt content and could float on the receding flood waters of the last ice age.

the MPDR on the ECS

D. the Akashic records

The akashic records are a relatively recently revived concept deriving originally from the ancient far east. Edgar Cayce, the twentieth century psychic said that he derived his ability to read people's past lives from the akashic records. According to Cayce, he had learned of the akashic records in the same way Madame Blavatsky, the nineteenth and early twentieth century theosophist had, on journeys made to the orient in the east, in particularly from tantric yogic sanskrit documents. Besides these two there is no writing on the akashic records known to western society, and there are no translations of the sanskrit documents they claimed to have read into English or any other language. The documents themselves have allegedly been lost. Madame Blavatsky was considered a dubious character in her time, as was Edgar Cayce in his, and it is possible that the documents both were referring to were actually nothing more than the works of nineteenth century Russian novelist J.I. Gurdjief. However even these contain no mention of the akashic records per se, and so one is led to wonder how these two independent authorities came to discover the same descriptive terminology for a concept that no one else seemed to share.

It may be better to begin the history of this concept a little further back, with Ezekial's vision of the ophanim wheels, or even the Old Testament apocrypha of Enoch, preserved to this day by the jews of Ethiopia. These are accounts of visions of the heavens, and in particular of the mechanisms of their cycles. They differ from the Sumerian books of Enki in that they are more calendrical in nature, establishing patterns and cycles for the seasons. With the accounts of these perceptions begins the true recording of the history of the akashic records, which were, at the time, only known as the cycles of the heavens. The Egyptians, and later the Christians, would have large scale descriptions of the components of the heavens and their cycles, in great detail, however both of their calendars were as though frozen in time: the Egyptians set by the alignments of their megaliths to 12,500 years ago, the Christian gregorian calendar pivoting around the year zero, some 2000 years ago.

Meanwhile all the faiths the world over have always promoted the idea of an afterlife, and we believe this belief to date back as far as ritualized burial, practised even by Australopithecines, the first hominids. Thus, the temporal cycles of the extraterrestrial heavens have become associated by most faiths with the heaven of man, where the spirit goes after the physical body

dies.

Thus, this could be called the akashic records: the sum over histories that is the multiverse of all matter-energy of the universe over its entire duration, measured as dimensions by the vector of geometry. It amounts to the exact location of any point in history, and insofar as these can be linked together, was the basis for Cayce's past life readings.

It can therefore be subdivided into constituent sections from the universal singularity through the gravitational singularities, through the galactic bubbles, through all the stars of the galaxies, through any planets of any star and so on and so on, through into the categorizing of information units themselves right down to the smallest tachyon. Doing so creates a perception of the temporal pattern of the heavens such as described by Enoch. E. the Enochian system

There are also two origins of the Enochian system. One is the calendrical cycle described by the Ethiopian Hebrew prophet Enoch. The other is the system of the ayres described by the fourteenth century Elizabethan England skryers John Dee and Edward Kelley. The cycle described by Enoch is simple enough. It establishes many of the same calendrical features still in use today, such as the twelve months of the year, with both name, sign and dekan, and the four seasons. One feature of the Dee and Kelley system is in complete agreement with the elder system in these regards, giving angelic banners to the months and assigning Godly names as angelic dekans to each. Beyond this the Dee and Kelley skryings provide even greater insights into the temporal workings of our heavens, incorporating extrapolations of the four elemental forces as the four cardinal directional watchtowers at the corners of the universe. The Dee and Kelley model unwinds the shemhamforash of the 72 dekans of ten days and ten nights each, three per each of the twelve signs of the zodiac, including three positions for each determined by astrological alignments over an elemental grid. It is a very complex system, giving the names of a host of angels as the arcing intersections of letters within placed upon the grid of this cycle and assigning them into the multiple levels of spheres of the 30 ayres. While neither the names of the months and signs given by Enoch, nor the importance of the letters skryed by Dee and Kelley seems to have held up, the systems with which they measured are still out there today, and can still be used to understand the cycles of the heavens and the place of our moment in this universe.

Think of the akashic records as the contraction of the same medium as the Enochian system is the expansion. While the akashic records provide information from without, the Enochian system derives information from within. Both are merely movement on the geometry of the QBLH, which is ϕ/π . Therefore the akashic records and the Enochian system represent all the same things: the universal singularity, the gravitational singularities, the galactic bubbles, the coiling electromagnetic fields of stars, and so on and so on down to the sorting of information itself down to the smallest tachyon. Think of the akashic records as what is being accessed, and the Enochian system that is used to access them.

1. the satellite telecommunications system

Whatever demiurge or guiding principle there may be in the universe, the satellite telecommunications system is made by and for humanity. Like stonehenge it will stand as testimony to the greatness of the human mind. Its usage, on the other hand, seems to be unanimously agreed upon as contributing more often to human stupidity. This is through no fault of its own, for every ingenious component of these beautiful scientific marvels functions accurately to perform their goal. It is only because of politics between the people on the surface of the earth that these are used in the ways that they are.

One type of satellite is the military satellite. These observe and have very strong camera lenses, capable of reading license plates on cars. Some of these are the left over Star Wars satellites from the 1980's, that have laser guidance targeting systems for destroying intercontinental ballistic

missiles. These were never used, and will probably eventually become flotsam. A popular theory among some citizens of America, the country that constructed these kind of satellites, is that they contain scalar wave technology. Some evidence for this, as well as its usage, derives from those seeking legal suit against the military and the state for secret projects involving the ongoing use of microwave frequency transmission from satellites for use in mind control.

The more popular kind of satellites are those used in telecommunications by large, international capitalist corporations such as television, telephone and internet service providers. These carry all the frequencies of mainstream culture in the air waves high above the heads of the secured and insulated masses, while outside the ridiculous garbage noise of our culture over the span of history since we first put satellites in space reaches out into the vacuum of the electromagnetic background radiation of the universe, screaming life on planet earth to all our surrounding neighbors. When you surf the net, when you channel surf, when you turn the radio dial, you are traveling through frequencies broadcast by these beacons.

There are also satellites sent up by the various space programs of the nations of the earth for the purpose of conducting different types of research project and conveying various different types of survey. Some of these look down and monitor such things as the weather, tectonic continental pressures, pollution from population densities, and exotic ecosystems. Others are aimed outward and make measurements on such things as background radiation levels of the universe, a survey of galaxies, or, like the hubble space telescope, send back direct observational data from extra-planetary objects. Some are simply internally motivated, containing biological experiments to be recollected later, or measurement equipment for telling the difference between the time inside the satellite from the time at the launch site for coordination of the alignments of windows. Some are simply time capsules sent up by lucky classes of children. Others contain plutonium.

The space shuttle is the vehicle used to deliver many of these satellites into space, while rockets are launched off containing others inside a breakaway shell. The space shuttle is an enormous airplane that is attached to a fuel tank and two jet boosters to propel it beyond earth's atmosphere faster than the pull of gravity. After the shuttle is outside of the atmosphere, the fuel tank and thrusters break off and become space flotsam. The use of solid fuel rocket propulsion systems such as are used in the space shuttle boosters has been common practise since the German blitzkrieg of England in the 1930s.

There is also an international space station in orbit around the earth, and there are astronauts living inside of it right now, at the very moment I am writing these words. This is merely the newer, collaborative replacement for the Russian space station, Mir, which had been in space at least twenty years before it was decommissioned. Currently the astronauts that live on the station are competing to break one another's records for longest time spent in the microgravity conditions of outer space.

a. the global communications system

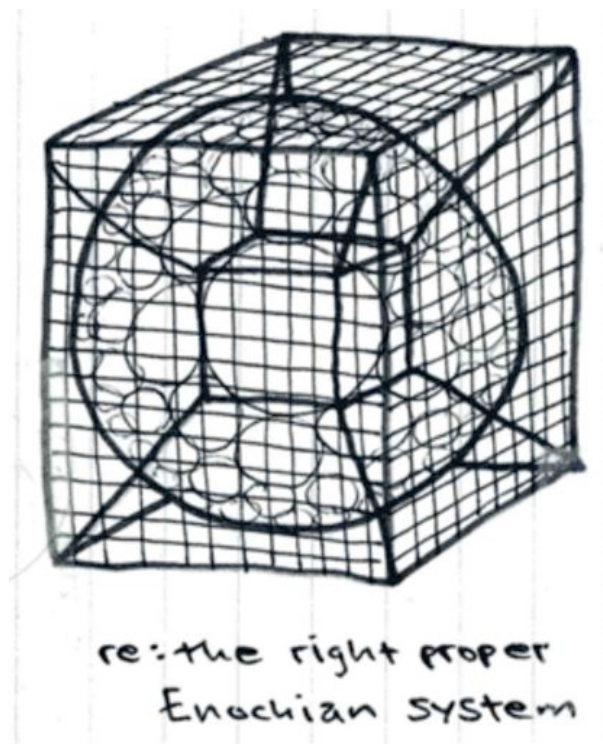
Perhaps the primary purpose for the satellite technology in orbit around the earth is telecommunications. This is the goal to link all members of society to one another through mechanical media. Control of these media may, themselves, be able to fit in the palm of one's hand, however they are becoming increasingly reliant on the satellite telecommunication system, as people demand greater and greater coverage areas for their chosen connectivity to each other. This process is known as globalization, and this is a multicultural and societal pattern that is going on all over the world now. It is an agenda of the united nations, who encourage it be taught in schools, and that it incorporate equal rights for women and minorities. It is the cultural phenomenon of mediated press coverage of international events, more of which is offered with the more expensive services.

b. the pop culture simulacrum

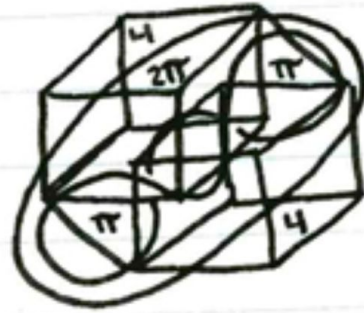
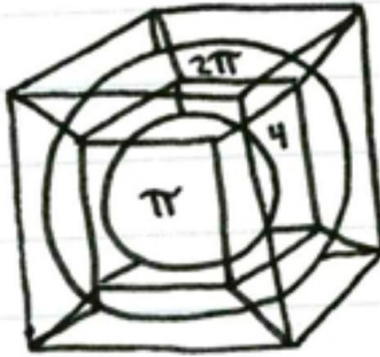
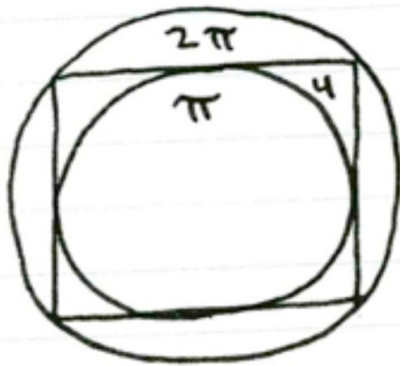
Meanwhile, the cultural phenomenon equivalent to this is the grossing of the classes of the masses into the aggregate mainstream. This attempts to appeal to people from all walks of life, and to sell them further acculturations for their affectations. Its sum and substance is the pop-culture simulacrum.

In the 1930's there was a disagreement between the aryan Germans and the German Jews over the value of the human soul that led to the six billion slaughtered Jews of the holocaust. This led to the capitalist culture's cold war with the communist Soviet Union. The argument of both was the dollar as being a representative simulacrum or symbolic token exchange system of nothing greater than an addictive substance such as a drug. Nowadays, many people have caught onto this idea, and are forced to part with their foolish identification of themselves with their money, for the value of a person is not expressed by his or her worth to the economy. This does not mean that the same parties who promoted drugs and money as being relative have not continued to make their insinuations about the constitution of the soul of a person as being relative to some chemical substance or other, because there is little difference between the value of the human soul to the economy and the puff of smoke from a cigarette.

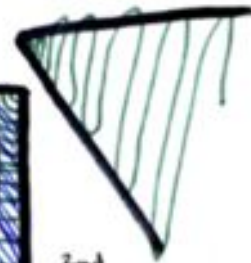
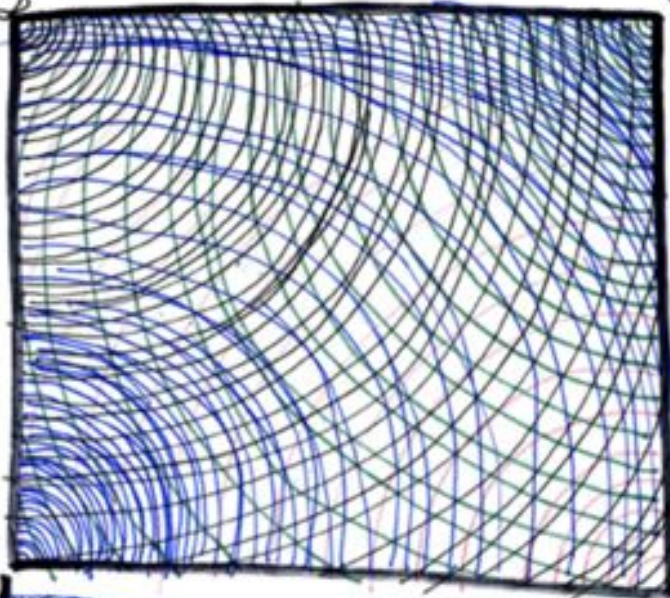
People still assert their personal desires on reality, few realizing what agendas they might be triggering the furtherance of, even fewer caring that these should benefit their fellow people. This is merely the pop culture simulacrum. It doesn't matter if you are real or not. You are only as important as a number, one out of an unknown amount. The system can be bent as much as it bends you, and to use it is like looking long into the face of the abyss, for it is looking just as long into you.



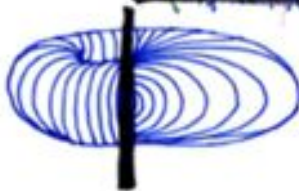
The essential model for the manipulation of the earth's pre-existent EM field is based on the hypercube and nested hypersphere method for measuring. Here we see that the nested hypersphere within the nested hypercube model derives from the standard circle squared model, and can also be extrapolated into the torus and tesseract at antipode, or 45 degrees. Here we see a diagram of $2\pi R^2$. Here we see the same diagram, rotated to a forty five degree angle. Here we see the same diagram again, and now it has been turned so that we are looking at it half-way down its height.



3rd
Δ



2nd
Δ



4th
▽



1st dimension

Think of these 25 oscillations to the corners of a bed-sheet. Then toss black & red marbles onto this. Take a snapshot of the marbles in the air. This is the strange-attractor of our universe.

light propagates at "c" as an average between gravitational photons faster than "c" & electromagnetic photons slower. These two create friction against each other, averaging out their velocity to the microwave background radiation.

