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EDITOR
Leigh Westin

ASSISTANT EDITOR
Elizabeth Rozan

PUBLICATIONS DIRECTOR
A. T. Mann

ADVERTISING
Arlene Nimark
1242 E. 8th Street
Brooklyn NY 11230
718-377-0482
ads@geocosmic.org

NCGR HEADQUARTERS
Liane Thomas Wade
Executive Secretary
531 Main Street #1612
New York NY 10044
Phone and/or Fax: 212-838-NCGR
execsec@geocosmic.org

SUBMISSIONS
Send to: journal@geocosmic.org

Cover: As a mate to the 2008 Summer Solstice issue, gracing the cover is another illustration from the 15th century, *Les Tres Riches Heures* (Book of Hours). The Book of Hours, considered an artistic pinnacle and one of the world's greatest art treasures, was painted by the Limbourg brothers between 1413 and 1416 for their patron, Jean Duc de Berry. Depicted is *Janvier*, a festive scene of feasting and gift giving with the Duc de Berry banqueting in a tapestried hall. The unusually brilliant colors that reportedly have not changed with time were from expensive paints made of plants and minerals, the vivid blue from lapis lazuli, a semi-precious stone.

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Commentary



Our focus in this issue is techniques that generally are either not a part of mainstream astrology or may be less well known by most astrologers, yet at the same time are highly effective.

For example, the first article is about Mercury stations, but rather than retrograde and direct stations as we all know them, **Roy Kirkland** demonstrates an unusual outcome of prenatal Mercury stations as *decision points* that work throughout life. We begin with this particular technique because it is easily adaptable by most anyone; in other words, we feel it will have universal appeal, much like ordering a tasty morsel that you can easily sink your teeth into and right away enjoy a satisfying productive outcome.

Our second article, this one by **John Townley**, presents, as he states, the “*what-is and why-to* (or not to)” look at arc transforms. If you have ever wondered about this interesting approach, no question, this is the article to read as John does a remarkable job of clearly explaining and illustrating the relationship, even to the music of the spheres.

Following is an fascinating technique on how to expand the depth of meaning of ascendants and mid-heavens written by **Martha Wescott**, who delightfully interlaces her developed detail of asteroids, an originated approach for which she is so well-known.

Meira B. Epstein is the next author who describes two applications, profections and “*one of the best kept secrets in astrology*,” based on diurnals. Both are recovered from ancient sources which are quoted and both demonstrate how the placement of a planet in the mundane wheel determines the age of its manifestation and fulfillment in life.

Next is **Richard Nelson’s** awesome research on diabetes, an article not to be missed. In a way this is a self-help piece for everyone as many suggestions are offered on how to avoid, not only diabetes, but metabolic disease in general, including a helpful questionnaire.

Then you can learn about the Dark Knight technique, a quest of courage and a most appropo application to the

Solar Return, by **Roxana Muise**. The considerable information gleaned from this technique belies its remarkable simplicity in application.

For variety, at this placement, interjected among techniques, are two research articles. The first by **Alex Walker**, presented in a delightful novelette style, is a breathtaking research and analysis piece that could well describe the discovery of the Mayan-Sumarian Code for 2012—a fabulous timely, must read!

The second, is a seasonal piece concerning the biblical star in the East authored by **Leigh Westin**, first published in Winter, 2001 for the Declination SIG. Concluded is an ongoing world event, while rising due East of Bethlehem, was one very real star (both events, the learned Magi would have long awaited and recognized), thus highly likely, the star of the Magi.

Next written by **Kennet Gillman** is a summary of Ross Harvey’s technique, The Life Span Revolution, “*a most valuable addition to the astrologer’s tool kit*.” Explained and demonstrated in finite detail is how to identify the life span and associated rate of motion, yielding an excellent method for understanding effects of various planetary combinations and “*for predicting the nature and timing of future events*.”

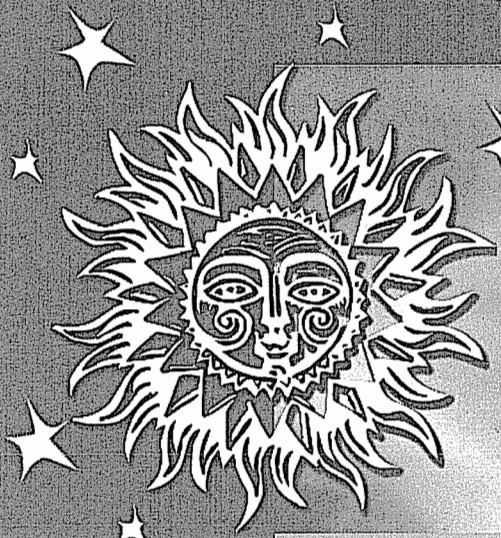
A dramatic and exciting rendition of a cataclysmic world event in 535 CE, as only **Diana J. Rosenberg** could author, is a *piece de résistance*, both as a research article as well as a technique, developed by Diana, that of progressing an event to a later similar event, such as one Krakatoa event to another later eruption.

Finally we conclude this Winter Solstice issue with a salute to the voice of spirit, the incomparable Sun, poetically presented by **Elizabeth Rozan**.

I’d like to also thank **Elizabeth Rozan** for volunteering her editing expertise and serving as Assistant Editor. Elizabeth’s devoted efforts were indispensable toward preparing this Journal.

Now, as our reader, it is hoped that you find much joy and productive results working with these intriguing techniques and overall have much reading pleasure.✽

Leigh Westin



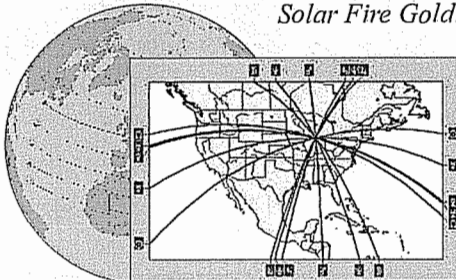
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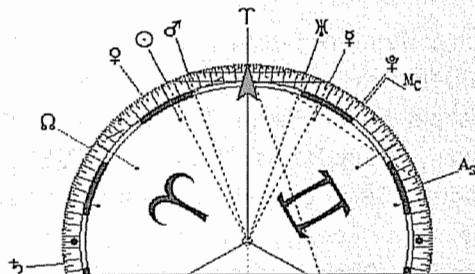
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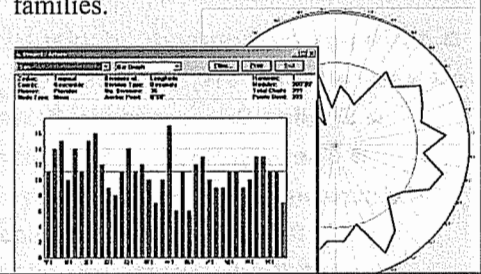
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Decision Points: An Unusual Key to Prediction

by Roy Kirkland

Delightfully effective and easy to apply, Roy Kirkland describes prenatal Mercury stations as lifelong decision points. Sprinkling context with examples, Roy demonstrates the technique's viability, not only in natal charts, but likewise in returns, progressions and other applications.

 Many of my teachers and colleagues in both the east and the west believe that modern astrologers rely too heavily on transits. I agree in principle, but in terms of our visual experience of the heavens, transits should be at least as significant as the myriad symbolic omens. Unfortunately, despite the precise measurements of which we are now capable, we have fumbled in trying to tie together an efficient and reliable system of transit analysis. Too many of our methods become too complicated, as if baroque complexity somehow validates the technique.

Like a minimalist composer or architect, I try to experience the subject (the celestial sphere) in the simplest structural form possible. This way, I feel that I can experience greater clarity when building an analysis of a chart. This minimalism frees me from much of the clutter and embellishment that fills astrological textbooks. I've come to believe that in astrology *less is more*. The ancients had less to work with, but devised methods that still perform exceedingly well.

These astral philosophers divided the heavens into two kinds of motion and two kinds of stars. The first of these, or *primary motion*, is the apparent clockwise movement of the celestial sphere that carries the fixed stars with it—this is the motion that we see when we watch celestial bodies rise and set.

Secondary motion is the movement of the planets, or wandering stars and luminaries, from west to east, or

counterclockwise, as they proceed through the Zodiac signs in order.

The most noticeable part of secondary motion occurs on a regular basis for every object in the solar system other than the Sun and Moon. A planet appears to halt its eastward course and then travel clockwise for a time, only to stop and resume its anti-clockwise motion again. These points at which the planets appear to stand still are called stations, and the clockwise travel between the stations is called retrograde motion. This pattern of movement is one of the most powerful predictive indicators in astrology.

This pattern of retrogradation is equally important in the secondary progressed horoscope. Unlike primary and symbolic directions, secondary progressions equate a day in the ephemeris with a year in the life. They are measured by the proper motion of the individual planets.

Mercury experiences retrogrades three or four times (six to eight stations) a year; consequently many experience the progressed station of Mercury during their lifetimes. The effects of this phenomena are too numerous to cover here, but I have seen people give up graduate school to play music, drop a promising career in fashion to enter the business world or otherwise change the way they apply their skills or learning.

The other planets may achieve progressed stations during the life: if they do, they will remain in the same degree for many years. For instance, in September, 2008, Jupiter entered the 13th degree of Capricorn, stationed, and began to slowly move forward, finally reaching the 14th degree 34 days later. In progressed time, this would be a span of 34 years in this degree of the zodiac. It entered this degree while retrograding in August, 2008, which means it had passed through the same degree while in direct motion some time before,

adding a minimum of five years to the time spent there by secondary measure.

While planetary stations occur when the Sun, Earth and one of the planets are specially aligned, eclipses are special alignments between the Sun, Moon and Earth. Eclipses on the points where planetary stations have occurred, or stations on a degree where an eclipse has occurred, have very powerful effects on personal or universal (mundane) horoscopes.

Stations can reveal limits or a turning point. They can indicate that something expected or promised does not happen. Unlike their indications in inquiries, they do not always symbolize that which is incomplete or denied. Stations can represent deadlines, or time limits within which action must be taken in order to manifest the result we seek. The retrograde periods can give us second chances, or the opportunity to play catch-up after being waylaid by distractions from our goals.

A range of two or three degrees is prudent when judging transits to stations,¹ although they usually are quite expressive at a range of 5° or more. I have seen them remain active for a year, but this is not always the case. When they are involved in multi-planet structures, like a grand trine or stellium, more leeway can be allowed.

Consider that all the planets beyond Mars retrograde once a year, making 10 stations (two each for Jupiter, Saturn, Uranus, Neptune and Pluto). Mars and Venus retrograde about every other year, and Mercury, as mentioned, will have six to eight stations a year.

Even in the years where Venus and Mars do not retrograde, we have 16 to 18 points in the zodiac that become exceedingly powerful for a time. Several of them will be active simultaneously. Add in four to seven eclipse points and the stations of the dwarf planets, centaurs, asteroids and other bodies that you may work with, and the solar system seems like more of an activity than a place.

Among the most interesting and useful of all the planetary stations are the prenatal stations of Mercury, also known as the decision points.

I rediscovered them while unpacking an old notebook after a move, written as: *prenatal Mercury stations = decision points: remember this!* I had forgotten that notebook. I looked everywhere for a reference that would tell me where I got this bit of information, but I could only remember it being in a magazine in a used bookstore—so I started working with them on my own. After a thorough investigation, I knew that this

was a powerful technique, wherever it came from. I have been using it ever since.

The word *decide* comes from the Latin *de*—meaning *off* and *caedere*—*to cut*. In other words, a decision cuts off alternate options, and this is what the decision points do—they channel a chart's momentum in one direction, bringing the focus of the active planetary combinations to one possibility, often at the exclusion of others.

Finding the decision points is simple. Just look for the dates and longitudes at which Mercury went stationary direct (SD) and stationary retrograde (SR) before the native (or subject) of the chart was born. If Mercury was retrograde at birth, do not count the station after birth. Only consider the last two stations prior to birth in the prenatal epoch, even if they are several months apart.

... the most interesting and useful of all the planetary stations are the prenatal stations of Mercury... the decision points.

Using these decision points (DPs) is as easy as finding them. Just insert them into chart wheels and consider them as permanent stations. Look at their progressions and directions. I call the retrograde and direct decision points DPR and DPD respectively, and abbreviate them accordingly throughout this article.

These points are responsive to both transits and progressions, especially conjunctions, oppositions and squares. They are active in Uranian dials and the graphic ephemeris.² Accommodating trines and helpful sextiles to the DPs are as important as the hard aspects.

Careful observation demonstrates that in periods when the need to make up one's mind becomes a theme in the individual's life, the DPR is prominent; the DPD is active at a time when a decision is made and action is taken to implement it.

The DPR can represent interventions that impel us to re-evaluate the course of our lives, and the DPD shows the commitment to the new course of action. Sometimes one is emphasized more strongly than the other, because one action may come from several re-evaluations, or one re-evaluation may result in several actions.

A transiting planet stationing at one of the DPs will certainly be noticed. Planets aspecting the DPs, whether from natal, transiting, or progressed positions will usually tell us the story of the decision being made.

Eclipses within 5° of the DPs or their oppositions, natal or progressed, are more intense than planetary stations on (or aspecting) these points. These are usually crucial, or even life-death decisions.

We often see decision points depicted in literature and movies. *Pride and Prejudice* by Jane Austen is a good example. George Clooney's *Michael Clayton* or the award winning, *As Good As It Gets*, where in all main fictional characters have major DP-like experiences, serve as excellent illustrations of what these points are all about.

Both natal and progressed DPs are carried to the angles of a horoscope by the primary motion of the heavens—they rise and set just like any other point in the natal chart. They can form combinations that are important during Solar or Lunar returns if they inhabit the local ascendant, the vertex or one of the other angular axes. The DPs can also gain moments of prominence when these returns are progressed on a daily or intraday basis, and in daily progressed natal charts. These more advanced techniques can be used to fine-tune predictions, but only when a combination of the same nature is active in a more noticeable way.

Natal Positions on Decision Points

Here's a brief list of what I might expect when the planets are configured with a Decision Point in a natal chart:

Sun:

Decisions about the future direction; decisions that affect the reputation and health; choices about leadership; parental decisions.

Moon:

Decisions about habits, and that affect the emotions; following feelings rather than making informed decisions; changes of heart; moving or buying a home.

Mercury:

Decisions that change business policies; planning and travel decisions; changes of mind, ideas, or procedures; negotiations that lead to change.

Venus:

Decorating and artistic decisions; financial decisions; decisions about beauty or comfort; decisions that strongly affect relationships.

Mars:

Decisions that involve risk; choices regarding acting aggressively or the aggression of another; tactical decisions; impulsive decisions.

Jupiter:

Philosophical decisions; decisions about education and growth in any form, i.e. childbirth, family expansion; investments, assets expansion.

Saturn:

Decisions concerning structure or tradition; choices regarding security; cautious moves; decisions about separation; decisions one may regret later.

Uranus:

Decisions that break old patterns or start new activities; reckless, sudden, or shocking decisions that turn out differently than expected.

Neptune:

Imaginative choices; decisions based on dreams, visions, or magical thinking; decisions that are difficult or impossible to implement.

Pluto:

Choices with long term consequences; putting one's foot down; ultimatums; decisions made by others that must be accepted.

A natal combination of the planets and a DP will set a recurring theme of decision-making related to that planet's nature. For instance, someone who has a DP connected to the Moon may move a lot. Mars activating a DP could trigger a mean or cruel act in a child, while it could represent tactical decisions while under pressure for an adult. Neptune could be a choice made on the basis of false information, or a decision made in a state of panic.

Please remember that these are very general guidelines and necessarily so, because every chart is different, and the DPs will act in the context of the chart being examined.

Examples

Let's look at a few examples, using whole (ordinal) degrees for simplicity's sake.³

Yusuf Islam (Cat Stevens)

For our first example, let's look at the chart of Yusuf Islam, formerly known as Cat Stevens. He was born July 21, 1948, and noon is given as his time of birth.⁴ Although I disagree with the AstroDatabank that this is a reliable time, the accuracy of the ascendant is not a factor in this example.

His DPR occurred at 7° Cancer on June 11, 1948, and the DPD happened on July 5, 1948 at 29 Gemini, closely conjunct natal Uranus. After spending many years as a popular musician, he committed to a personal spiritual quest, and converted to Islam on December 23, 1977.⁵

In 1977, transiting Mercury passed opposite the natal DPD on November 29th, and stationed on December 12th, at 7° Capricorn, opposite the DPR. Jupiter, the planet of religion, had stationed on the DPR, 7°

Cancer, a month earlier. The Sun transited opposite the DPD on December 20th, and then Mercury transited opposite the DPD again on the 22nd. Transits alone begin to tell this story: it almost appears that Mercury passed the direct DP in order to move opposite the retrograde DP and pick up the energy that

Jupiter activated there, bringing it back to the place of action, the direct DP.

Angelina Jolie

A more recent case of the storytelling quality of the decision points can be seen in the chart of the world famous celebrity Angelina Jolie, born June 4, 1975 at 9:09 am in Los Angeles. ⁶ Her DPR is at 24° Gemini. She was born in a year when there were fewer retrogrades of Mercury; and the DPD occurred on February 20th at 11 Aquarius.

At the end of January, 2008, during the Screen Actors Guild awards, the knowledge of her being pregnant with twins became public. On the 10th, Venus was square the progressed DPD. I would assume that it was a challenge to keep the good news a secret any longer. On the 28th, Mercury stationed at 24° Aquarius, trine the natal DPR, and on the 30th Mars (the ruler of her 5th house of children) stationed at 24° Gemini, at the DPR and natal Mercury.

In mid-May, there was news that the happy couple had acquired a secluded villa in France. At the time, Jupiter stationed at 22.5° Capricorn, a point on the Earth axis by way of Uranian dial analysis. This station is not directly related to the DPs, but it is the midpoint of Saturn (buildings, old estates, privacy) and Venus (gardens, beauty, wealth), conjunct the ascendant (environment, personality.) One of Jupiter's general indications is childbirth.

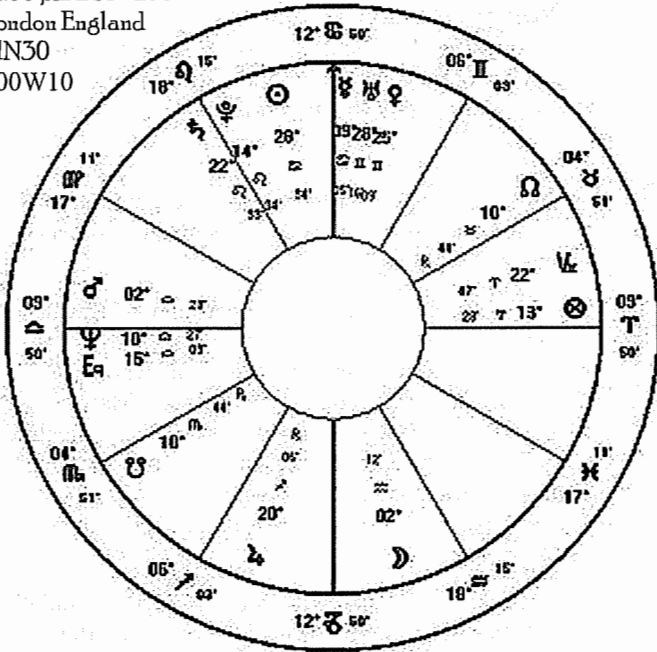
Transiting Mercury conjoined the progressed DPD on May 13th, and on the 26th, it stationed at 22° Gemini, its natal position, and well within range of the natal DPR. Decisions about procedures are being re-evaluated here. At the same time, Neptune stationed at 25° Aquarius, forming a grand trine with natal and transiting (stationary) Mercury, natal Uranus (tying in Jupiter) and the DPR. Unusual and even false reports flowed from the press at this time.

On the 26th of June, transiting Uranus stationed at 23° Pisces, square natal Mercury, the natal DPR and the previous station of Mars. Uranus being prominent near the time of childbearing, especially with Mars, often signals a surgical intervention.

When the 13th of July arrived, the twins were born, with transiting Saturn conjoining the Sun opposite the May station of Jupiter. The

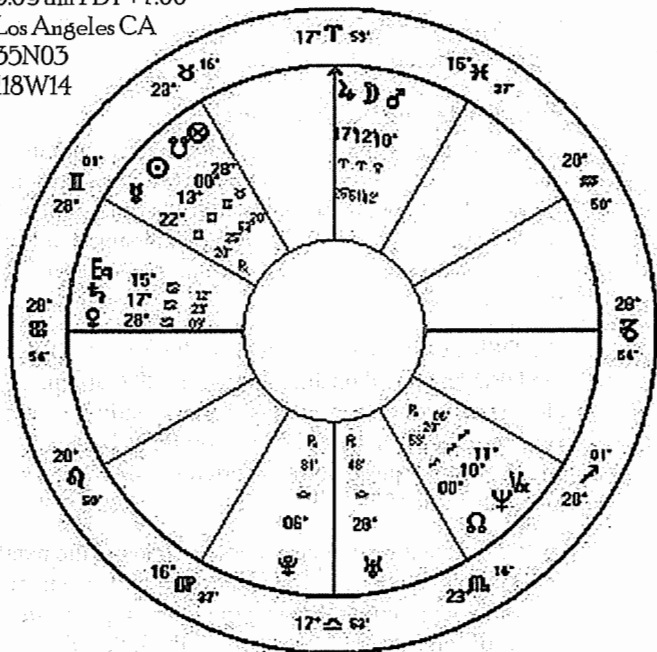
Yusaf Islam
Jul 21, 1948
12:00 pm BST -1:00
London England
51N30
000W10

Chart 1



Angelina Jolie
Jun 4, 1975
9:09 am PDT +7:00
Los Angeles CA
35N03
118W14

Chart 2



recent station of Uranus trined the position of the Sun-Saturn conjunction and made a sextile to the previous station of Jupiter. It was also square the January station of Mars and the natal DPR, building a structure that indicated the decision to have the children delivered by caesarian section. The aforementioned trine and sextile show assistance (sextile) and ease (trine.)

After the children were born, it became known that the couple had chosen in vitro fertilization, in order to reduce the chance factor in conceiving because of their busy schedules. If we go back 10 months, to October of 2007, we find that on the 13th, transiting Mercury made a station square to the natal DPR. On the 2nd of November, Mercury (strategy) went direct in trine (to make things easy) to the natal DPR, to be followed by the stations of Mars (intervention, surgery) in trine to the progressed DPD and Uranus (technology) within a degree of the progressed DPD.

Anheuser-Busch

Decision points are often important in business and universal (mundane) horoscopes as well. In May 2008, shortly after the news that the Belgian brewing giant InBev was about to make an offer to buy Anheuser-Busch, a client asked if I thought the deal would take place. The first thing I did was study Anheuser-Busch's sidereal solar return chart, based on its first-trade chart of April 16, 1980 at 10:00 EST, New York City.⁷

The natal decision points are 22° Pisces for the DPR, and 8° Pisces for the DPD. The progressed DPR had just completed its retrograde (that takes about three weeks in the ephemeris, or 21 years in real time) and currently is very close to the natal DPD. It is rare to see the natal and progressed decision points so close together. I have interpreted this to mean that decisions must be made quickly.

The solar return⁸ features Saturn on the ascendant (obstinate price action; resistance to change; stagnation), Mars on the natal ascendant (not usually important in personal return charts, but in trade charts this can be the sign of hostile or aggressive activity coming to the subject), and Uranus almost exactly conjunct the natal DPR and opposite natal Saturn, a sure-fire sign of a breakup of old conditions.

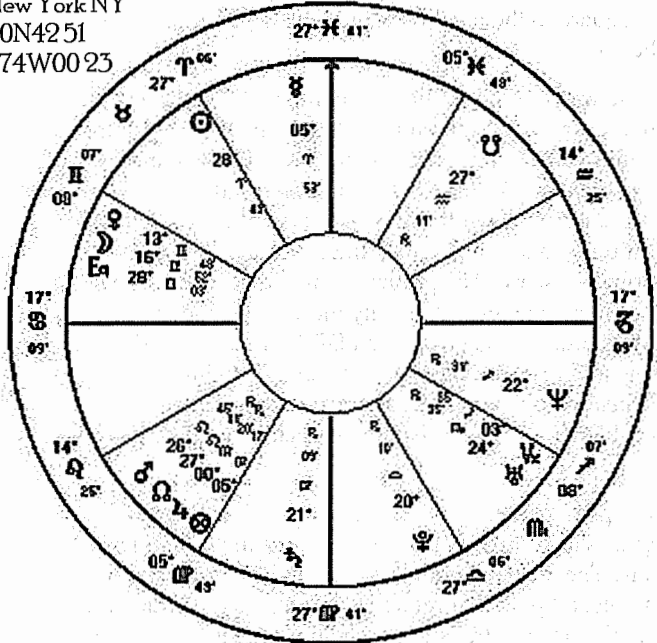
In December 2007, Saturn had stationed at 9° Virgo, within range of the progressed DPD and the natal DPR, as described herein.

On May 3, 2008, Uranus conjoined the natal DPR at 22° Pisces, and on May 4th, Saturn stationed on the February 2008 Lunar

Bud

Apr 18 1980
10:00 EST +5:00
New York NY
40N42 51
074W00 23

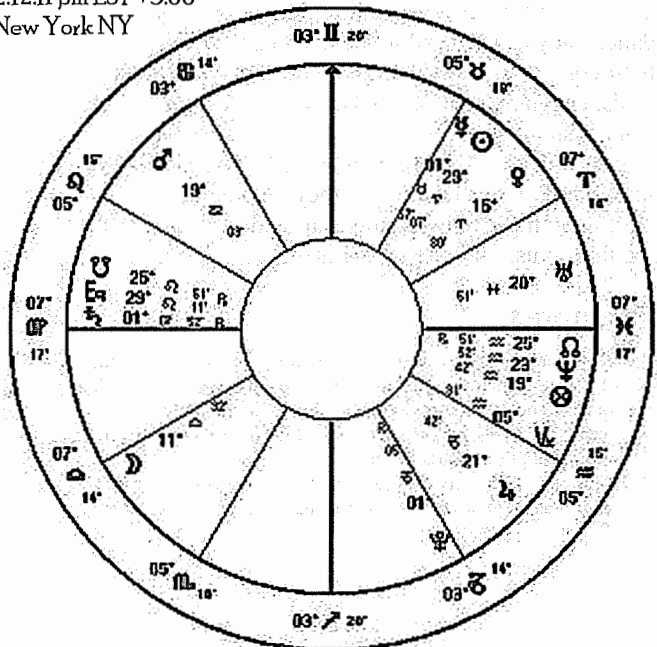
Chart 3



Bud (Solar Return Precessed)

Apr 18 2003
2:12:11 pm EST +5:00
New York NY

Chart 4



Eclipse, at 2° Virgo. This eclipse occurred at the Sun/MC midpoint in the first-trade chart, clearly an omen of the coming struggle. Members of the Busch family did not want to lose control of the company, but the stockholders and many board members were more interested in profits than personalities.

Only five days later, Jupiter stationed in sextile to the DPR, assisting Uranus in making the deal look exciting and profitable to the stockholders. On the 26th, three days after the announcement, Mercury stationed in square to the natal DPR, and the negotiations had begun.

June was full of conflict and confusion. On the 11th, both Sun and Venus squared the natal DPR, and InBev outlined their first offer. On the 26th, when Uranus stationed at 23° Pisces (conjunct the natal DPR), Anheuser rejected InBev's bid. Anheuser began to sell off units in an effort to get InBev to offer a higher price per share. The parties involved reached a very profitable agreement on July the 14th, as transiting Mars crossed the progressed DPR and natal DPD—the owner's resistance and nostalgia were undone. The decision points, in this case, were very explicit, and enabled a trading decision to be made months ahead of time.

Eclipses, planetary alignments, stations and retrogrades are, without a doubt, the most important transits. The decision points, or prenatal Mercury stations, are useful points of reference to help us determine the significance of transits, and help pinpoint events that would otherwise be difficult to recognize. Because they are so easy to incorporate into existing techniques and are compatible with any form of geocentric astrology, decision points should never be left out of the analysis of any birth chart, whether personal or mundane. They can be read in the natal chart by way of their combinations with any of the dwarf planets, asteroids, centaurs, KBOs, SDOs and other objects in the solar system,⁹ as well as virtual objects such as lots (parts) and Trans-Neptunians. Fixed stars also figure importantly into the schemes they help define. Unlimited in their application, these decision points are far too useful to be ignored.*

Endnotes

- 1 This is purely a matter of experience. In fact, the effective range of transits to planetary stations seems to vary with so many factors as to be difficult to define. I always allow more leeway if an event of this type happens near one of the angles of a personal return, eclipse or ingress chart.
- 2 To insert DPs into any dial, just find the equivalent degree and mark it as DPD or DPR as the case may be. For the graphic

ephemeris of transits, just find the proper degree on the scale and draw a line with a ruler. Good resources for learning more about Uranian techniques and methods are widely available in print, on the web, and at the NCGR bookstore: http://geocosmic.org/mm5/merchant.mvc?Screen=CTGY&Store_Code=A&Category_Code=TOPIC-UR.

- 3 Ordinal degrees are number 1 through 30 in each of the signs. The first degree is comprised of minutes 0 deg., 0 min., 0 sec., through 0 deg., 59 min., 59 sec. The 30th degree runs from 29:00:00 through 29:59:59. This is fairly standard notation in traditional astrology.
- 4 AstroDatabank gives this chart an A rating, and its source as from his memory through a third party. (It apparently was once published in an underground paper.) I always consider birth times on the hour, half-hour, and even the quarter hour as suspect, especially noon and midnight.
- 5 From Answers.com: <http://www.answers.com/topic/cat-stevens-yusuf-islam>: "On December 23, 1977, Stevens formally became a Muslim and adopted the name Yusuf Islam."
- 6 Data from Marc Penfield, as noted in AstroDatabank, with an AA rating from numbered birth certificate.
- 7 Meridian, B. *Bill Meridian's Planetary Stock Trading III*. NY: Cycles Research Publications, 2002, p.157.
- 8 I generally read these charts in the Sidereal Zodiac to avoid precession errors (and the jarring sight of two different Solar positions). I am using precessed positions in the Tropical Zodiac for this demonstration.
- 9 Dwarf planets and asteroids are self-explanatory. Centaurs are a special class of body, in that they cross the orbits of other bodies. Chiron, for instance, crosses the orbits of Saturn and Uranus. Kuiper Belt Objects (KBOs), Scattered Disk Objects (SDOs), and Trans-Neptunian Objects (TNOs, which are not the points of Uranian Astrology), are little understood objects that comprise the outer edge of the solar system. Some have orbital periods of more than a thousand years, and only show their strength when they are picked up by something integrated into a natal chart, like an active decision point.

Charts

The charts used in this article have been calculated with Solar Fire 5, by Astrolabe Software. The individual birth charts of Mr. Islam and Ms. Jolie are cast using the Placidus house system. The chart of Anheuser-Busch is cast using the Campanus system. All charts use Parallax corrected Moon positions and the True Lunar Node.

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Roy Kirkland has been practicing, teaching and studying astrology for over 30 years. He is fascinated with all methods of astrology, whether observational or virtual. Currently, he is attending to an international clientele and working on several writing projects, as well as doing commissioned financial astrology. He can be reached through his website, <http://stargazersjournal.com>, or e-mail: roy@stargazersjournal.com.

Arc Transform Charts: Why and Wherefore

by John Townley

If you ever wanted to understand about arc transform charts, this is the article you should read. John Townley, with his understanding and experience of this intriguing subject, masterfully simplifies it to its common denominators, demonstrating how it relates to harmonics and fractals alike.



Of the plethora of new techniques that blossomed in the astrological revival of the 1970s and 1980s, only a few have gained truly wide popularity. One of them is the composite chart (which I had the honor to introduce); another is Astro*Carto*Graphy (Jim Lewis's brilliant expansion of the simple relocation chart), not to mention harmonic charts (John Addey, et al). Of course there was the interpretation of the major four asteroids among lots of other planetary and semi-planetary bodies such as Chiron, and now Eris along with a host of other real trans-Neptunians (as opposed to the hypothetical trans-Neptunians of the Ebertin school). Since then, older and formerly less used methods from classical astrology, including fixed stars and Arabic parts, have come back into vogue to enliven the mix.

Some of the suggested approaches that were run up the flagpole got shot down or have fallen out of favor (like Davison time-composites, group composites, and coalescent charts), though computer programs still make them available, and others never got saluted sufficiently because they were simply not properly understood. Among the latter is the arc transform chart, which is rarely used and even more rarely properly understood.

Because there is no widespread general usage on which to draw and elucidate upon the common and accepted interpretation of this method, I will thankfully spare you a long series of example charts that would be nothing but personal opinion. Instead, I think it more important to investigate what arc transform charts actually are,

what they physically tell you, and how that might be usefully connected to the mainstream and conceptual bottom line of astrological thought. In other words, this is not a *how-to* presentation, but more *what-is* and *why-to* (or not to) look at this interesting technique. Its implications about astrological structure are considerable, and it is a method to dig out details and approaches to astrology that aren't that obvious or available by other methods. It can also be a gallery of mathematical mirrors and illusions that you need to be aware of and discount or dodge as you examine them.

What Is It, Really? (The Harmonic Chart)

So what, exactly, is an arc transform chart? It is a chart derived from the arc between two planets similar to (in fact, a higher derivative of) a harmonic chart.

So, first then, what is a harmonic chart? It is a reduction of a regular chart by a fractional factor, so that all planets that have an angular separation of that fraction or its multiples appear as a conjunction. In a 4th harmonic chart, for instance, all oppositions and squares (1/4 steps around the circle) appear as conjunctions (the familiar Uranian 90° dial) and semi-squares and sesqui-quadratures will appear as oppositions. It makes it easy to see at a glance what planets are related by a subdivision of the circle by four or its multiples. It simply stretches the 360° by a factor of four and lays the planets over it, restarting every 90° as you go through the chart, kind of like you folded the circle into quarters and then stretched it back into a circle, giving a magnifying effect to everything related by four—a little like origami, if you think about it. The arithmetic way to accomplish this is to multiply the position of each planet (in 360° notation, so that, for instance, 0° Leo is 120, 0° Scorpio is 210) by your harmonic factor, and then successively subtract 360 from

each total until it is less than 360. A clever trick of prestidigitation, indeed.

Fourth harmonic example:

If your Sun is 0° Leo, that's $120 \times 4 = 480$.
 Subtract $360 = 120$ (0° Leo)
 If your Moon is 0° Scorpio, that's $210 \times 4 = 840$.
 Subtract 360 twice and that's 120 (0° Leo).

Voila! You have what was once a square, now a conjunction, and that will prove true for any other squares in the chart (though they may not be at 0° Leo, but somewhere else).

By this method you can derive a chart that will spot any of the finer harmonic aspects in any chart, depending on what you're looking for, from obvious 5^{ths} and 7^{ths} to obscure 87^{ths} or 137^{ths}. Do they mean anything? Well that's another issue, for later.

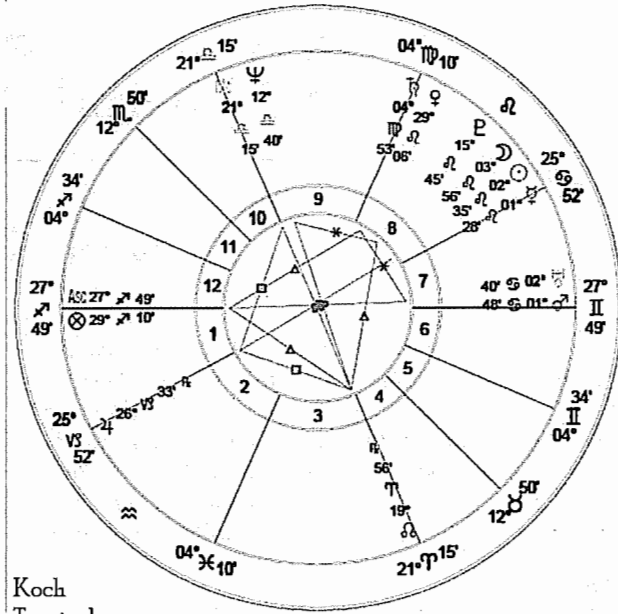
The Arc Transform Chart

The arc transform chart was invented by English astrologer, James Williamsen, simply by adapting the method of calculating a harmonic chart. It is calculated by taking the shorter arc between any two planets and dividing it into 360 and using that result as the decimal fraction (harmonic) to multiply all planetary positions, before then reducing each with 360° subtraction. So, if two planets were 100° apart, a bit wide for a square, but not nearly a trine, you would divide 360 by $100 = 3.6$ and use 3.6 to multiply everything by, and then reduce. What you then would get is all planets 100° apart (or multiples of it, like 200 or 300) shown as conjunctions on the new arc transform chart. Planets 50°, 150°, 250° and 350° apart would become oppositions; planets 25°, 75°, 125°, 175°, 225°, 275° and 325° apart would appear as squares; planets $33 \frac{1}{3}^\circ$ or $66 \frac{2}{3}^\circ$ and their multiples (ones that don't coincide with 100, 200 or 300) would show up as trines, and so on. Of course, you could reduce the fraction $100/360$ and find that arc to be a $5/18$, or part of the 18th harmonic, but it would be more difficult to reduce if it were, say, a 97° arc (somewhere between $7/26$ and $3/11$).

But, whether you're deriving a harmonic chart of a more common fraction whose numerator (n) is 1 or an arc transform chart of a perhaps unknown fraction, you will pretty quickly run into a number of arithmetic artifacts that might look meaningful but really aren't (composite charts have the same problem). Any tight conjunction in the original natal chart will remain so in a harmonic or arc transform, regardless, though it will get less tight the higher the denominator (d). It doesn't mean they are related to anything, only that any arc you roll over

Uranus and Neptune 100° Apart
 Jul 25, 1949
 6:00 pm EDT +4:00
 Sea Cliff, NY
 73W38 43

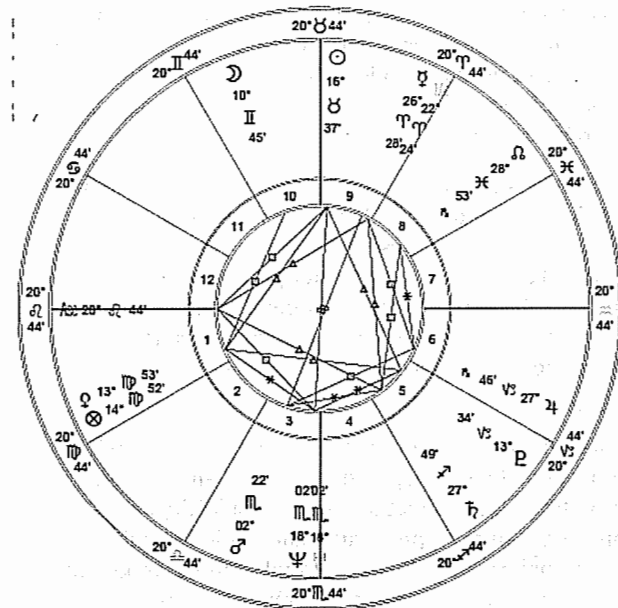
Chart 1
 Natal Event



Koch
 Tropical
 Geocentric

Uranus and Neptune 100° Apart
 Jul 25, 1949
 6:00 pm EDT
 Sea Cliff, NY

Chart 2
 18th Harmonic



them that hits one will hit the other. Further, if you cast charts for harmonics where the denominator is the same but the numerator is different, you will only sometimes get the same conjunctions and other mutual relationships and never the same zodiacal degrees where they occur. That's because this is really an arithmetical way to magnify the fractional arc into an artificial circle for viewing in horoscope-like form, and nothing more. Thus, a 1/18 chart (the 18th harmonic) will keep the relationships the same as a 5/18 (the 100° arc transform) but a 7/18 or any other n/18 will not, and instead will have oppositions, trines, sextiles, noniles, or in the case of 7/18 a 36th, depending on the relationship of the numerator to the denominator. If, however, the original arc was 7/18 (140°) then that chart would share the same relationships (but not zodiacal positions) of the basic 1/18 harmonic; but none of the others would.

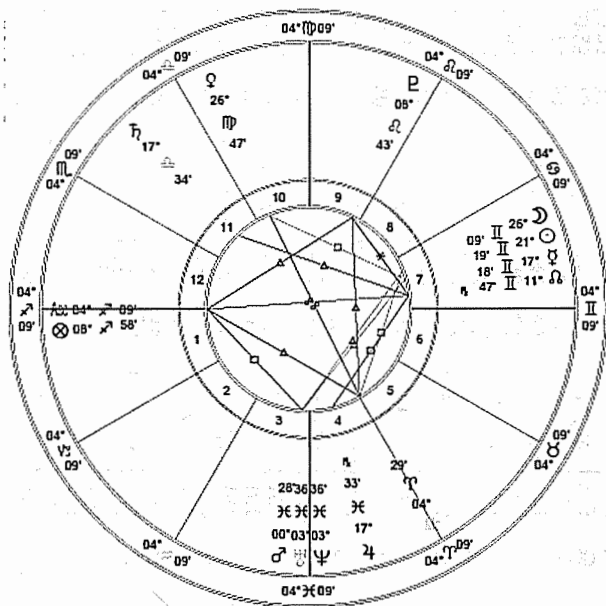
Note in Chart 1 (the natal event chart) that Uranus and Neptune are exactly 100° apart (which is 5/18 of the circle or a 3.6 arc transform).

Chart 2 shows the same natal data as the 18th harmonic. Chart 3 shows the arc transform.

The arc transform paints identical relationships but totally different zodiacal placements, because they are different values of the 18th harmonic; so all three charts tell similar but different stories.

Uranus and Neptune 100° Apart
 Jul 25, 1949
 6:00 pm EDT
 Sea Cliff, NY

Chart 3
 Arc Transform



What is important to carry away from all this complexity is that you are looking at the same original chart every time, just from a slightly different window and *magnification* where one doesn't always fit snugly on top of the other, especially when prime numbers are involved in the fraction.

Further, the higher and finer the fraction described by the arc transform, the more wildly it will vary when the originating factors appear to remain the same. Although the positions of Uranus and Neptune in the example, remains at 100° apart (within a minute of arc) for several hours before and after this exact time given, arc transform charts closely on either side of it will differ considerably from a simple 18th harmonic chart. A great deal depends on the total accuracy of the orbital elements used to compute the ephemeris positions, and that is less exact than you might think, especially near the stations of the planets. This is also a problem for planetary return charts with the exception of solar and lunar. All in all, while appearing to be a tool of great exactitude, arc transforms are only as reliable as the absolute data they derive from; and when that is off, even microscopically, they can vary wildly from the actuality of the situation, whatever that might really be. Still, the technique is certainly an information mine of a sort, but of what earthly good is it? Again more later.

First, a closer look at the spacey world of fractional parts of the circle (often called *harmonics*, but that word itself may be misused). If you're looking at what numbers to find your 5th, 7th, 9th, 11th, 13th and up to the 30th part of the circle, on the next page is a nice table of them, connected in a special way.

Each adjacent aspect is separated with a mutual orb border based on their denominators, so that higher fractions get smaller orbs than larger ones, directly determined by what's next to them and how big they are. Of course, with this approach, because of their denominator size the usual standard, Ptolemaic aspects take up a larger orb than the smaller, less-explored harmonics—but also because of their denominator size, the lesser-used quintile has a bigger orb than a sextile; plus, a septile, nonile, decile or even an 11th, get a bigger orb than a more traditional semi-sextile or a quincunx. The simplicity of it gives one pause for thought about what orbs you should really take. If you added a lot more of the smaller fractions, it really wouldn't tighten things up all that much (unless you went to infinity), as you can see that as you approach a major aspect, the smaller ones dive off the edge toward a infinitely rising denominator, like a deep breath, until they reach the big aspect, both applying and separating. It's a nice image, really, with larger aspects like black holes absorbing the smaller ones into their orbs.

Table 1—Fractional Parts of the Circle, often called Harmonics

0° 0' = 0 /1	23° 29' 0 = 1 /15	46° 9' 27 = 4 /31	68° 6' 34 = 4 /21	92° 18' 34 = 9 /35	112° 57' 9 = 11 /35	136° 13' 33 = 11 /29	158° 38' 49 = 15 /34
9 44 = 1 /36	24 33 = 2 /29	46 40 = 3 /23	68 56 = 5 /26	92 43 = 8 /31	113 20 = 6 /19	136 48 = 8 /21	159 4 = 4 /9
10 8 = 1 /35	24 50 = 1 /14	46 57 = 2 /15	69 14 = 6 /31	92 54 = 7 /27	113 41 = 7 /22	137 9 = 13 /34	160 0 = 9 /20
10 17 = 1 /34	25 7 = 2 /27	47 22 = 3 /22	69 29 = 7 /36	93 6 = 5 /19	114 9 = 33 = 7 /22	137 28 = 5 /13	161 3 = 13 /29
10 26 = 1 /33	25 43 = 1 /12	48 0 = 4 /29	70 0 = 1 /5	93 20 = 4 /15	114 33 = 11 /28	137 39 = 7 /18	161 23 = 11 /24
10 35 = 1 /32	26 20 = 2 /25	48 39 = 5 /36	70 14 = 7 /34	93 36 = 9 /34	114 54 = 6 /13	137 53 = 9 /23	161 38 = 6 /13
10 45 = 1 /31	26 40 = 3 /34	49 5 = 6 /31	72 0 = 6 /29	94 17 = 7 /26	115 12 = 8 /32	138 28 = 8 /29	162 0 = 8 /29
11 5 = 1 /30	27 0 = 1 /11	49 24 = 7 /23	74 7 = 8 /23	94 44 = 9 /29	115 28 = 11 /32	139 5 = 10 /29	162 21 = 10 /29
11 15 = 1 /29	27 42 = 2 /23	49 39 = 8 /27	74 17 = 9 /27	95 6 = 10 /29	115 43 = 11 /32	139 21 = 11 /28	162 25 = 11 /28
11 26 = 1 /28	28 25 = 3 /34	49 51 = 9 /31	74 29 = 10 /31	95 18 = 11 /32	116 8 = 12 /32	140 0 = 12 /32	162 35 = 12 /32
11 37 = 1 /27	29 11 = 1 /11	50 14 = 10 /31	74 43 = 11 /31	96 0 = 13 /36	116 18 = 13 /32	140 29 = 13 /32	163 28 = 13 /32
11 48 = 1 /26	30 0 = 2 /21	51 26 = 3 /20	75 0 = 7 /32	96 35 = 9 /25	116 28 = 14 /32	140 52 = 14 /32	164 21 = 14 /32
12 0 = 1 /25	30 38 = 4 /13	52 41 = 5 /13	75 21 = 5 /17	96 55 = 10 /29	116 44 = 11 /28	141 11 = 11 /28	164 34 = 11 /28
12 12 = 1 /24	31 2 = 12 /35	53 7 = 4 /27	75 47 = 12 /35	97 17 = 13 /36	120 0 = 13 /36	141 26 = 13 /36	164 45 = 13 /36
12 25 = 1 /23	31 18 = 3 /35	53 20 = 7 /33	76 9 = 7 /33	97 34 = 8 /29	123 10 = 8 /23	141 38 = 8 /23	165 0 = 8 /23
12 38 = 1 /22	31 35 = 9 /34	54 0 = 9 /34	76 22 = 9 /34	98 11 = 10 /29	123 26 = 10 /29	141 49 = 10 /29	165 24 = 10 /29
12 51 = 1 /21	32 0 = 11 /32	54 21 = 11 /32	77 9 = 11 /32	99 0 = 11 /32	123 35 = 11 /32	142 6 = 11 /32	166 9 = 11 /32
13 5 = 1 /20	32 44 = 12 /32	54 47 = 12 /32	77 51 = 12 /32	99 19 = 12 /32	123 45 = 12 /32	144 0 = 12 /32	166 50 = 12 /32
13 20 = 1 /19	33 29 = 13 /32	55 23 = 13 /32	78 16 = 13 /32	99 35 = 13 /32	124 8 = 13 /32	145 57 = 13 /32	167 9 = 13 /32
13 35 = 1 /18	33 45 = 14 /32	56 0 = 14 /32	78 33 = 14 /32	100 0 = 14 /32	124 22 = 14 /32	146 19 = 14 /32	167 27 = 14 /32
13 51 = 1 /17	34 32 = 15 /32	56 15 = 15 /32	78 45 = 15 /32	100 28 = 15 /32	124 37 = 15 /32	146 26 = 15 /32	168 31 = 15 /32
14 7 = 1 /16	34 45 = 16 /32	57 0 = 16 /32	79 1 = 16 /32	100 48 = 16 /32	124 54 = 16 /32	146 40 = 16 /32	168 45 = 16 /32
14 24 = 1 /15	35 17 = 17 /32	57 15 = 17 /32	80 0 = 17 /32	101 3 = 17 /32	125 13 = 17 /32	146 56 = 17 /32	168 59 = 17 /32
14 42 = 1 /14	34 37 = 18 /32	58 28 = 18 /32	81 0 = 18 /32	101 32 = 18 /32	125 35 = 18 /32	147 16 = 18 /32	169 25 = 18 /32
15 0 = 1 /13	35 50 = 19 /32	59 17 = 19 /32	81 17 = 19 /32	101 51 = 19 /32	126 0 = 19 /32	147 41 = 19 /32	169 49 = 19 /32
15 19 = 1 /12	36 7 = 20 /32	59 36 = 20 /32	81 34 = 20 /32	102 0 = 20 /32	126 29 = 20 /32	148 14 = 20 /32	170 0 = 20 /32
15 39 = 1 /11	36 24 = 21 /32	60 0 = 21 /32	82 6 = 21 /32	104 13 = 21 /32	127 4 = 21 /32	148 42 = 21 /32	170 11 = 21 /32
16 0 = 1 /10	36 55 = 22 /32	61 28 = 22 /32	82 17 = 22 /32	104 31 = 22 /32	127 17 = 22 /32	148 58 = 22 /32	170 32 = 22 /32
16 22 = 1 /9	37 14 = 23 /32	62 4 = 23 /32	82 30 = 23 /32	104 44 = 23 /32	127 30 = 23 /32	149 16 = 23 /32	171 0 = 23 /32
16 45 = 1 /8	37 30 = 24 /32	62 23 = 24 /32	83 5 = 24 /32	105 0 = 24 /32	127 45 = 24 /32	150 0 = 24 /32	171 26 = 24 /32
17 9 = 1 /7	37 54 = 25 /32	63 0 = 25 /32	83 17 = 25 /32	105 22 = 25 /32	128 0 = 25 /32	150 42 = 25 /32	171 49 = 25 /32
17 34 = 1 /6	38 18 = 26 /32	63 28 = 26 /32	83 30 = 26 /32	105 53 = 26 /32	128 34 = 26 /32	150 58 = 26 /32	172 10 = 26 /32
18 0 = 1 /5	38 34 = 27 /32	64 43 = 27 /32	84 0 = 27 /32	106 22 = 27 /32	129 14 = 27 /32	151 12 = 27 /32	172 30 = 27 /32
18 28 = 1 /4	38 55 = 28 /32	65 19 = 28 /32	84 15 = 28 /32	106 40 = 28 /32	129 36 = 28 /32	151 35 = 28 /32	172 48 = 28 /32
18 57 = 1 /3	40 0 = 29 /32	66 4 = 29 /32	84 30 = 29 /32	107 2 = 29 /32	129 50 = 29 /32	152 0 = 29 /32	173 5 = 29 /32
19 28 = 1 /2	40 55 = 30 /32	67 19 = 30 /32	85 0 = 30 /32	108 0 = 30 /32	130 0 = 30 /32	152 18 = 30 /32	173 20 = 30 /32
20 0 = 1 /1	41 9 = 31 /32	68 37 = 31 /32	85 15 = 31 /32	108 50 = 31 /32	130 13 = 31 /32	152 33 = 31 /32	173 34 = 31 /32
20 22 = 2 /3	41 32 = 32 /32	69 0 = 32 /32	86 5 = 32 /32	109 5 = 32 /32	130 55 = 32 /32	152 44 = 32 /32	173 48 = 32 /32
20 46 = 3 /5	42 19 = 33 /32	70 0 = 33 /32	86 16 = 33 /32	109 17 = 33 /32	131 43 = 33 /32	153 0 = 33 /32	174 0 = 33 /32
21 11 = 1 /2	42 51 = 34 /32	71 0 = 34 /32	86 24 = 34 /32	109 34 = 34 /32	132 0 = 34 /32	154 17 = 34 /32	174 12 = 34 /32
21 36 = 2 /3	43 12 = 35 /32	72 17 = 35 /32	86 40 = 35 /32	109 50 = 35 /32	132 15 = 35 /32	155 41 = 35 /32	174 23 = 35 /32
21 49 = 3 /4	43 27 = 36 /32	73 6 = 36 /32	87 6 = 36 /32	110 0 = 36 /32	132 38 = 36 /32	156 0 = 36 /32	174 33 = 36 /32
22 2 = 1 /5	43 54 = 37 /32	74 27 = 37 /32	87 16 = 37 /32	110 12 = 37 /32	133 3 = 37 /32	156 13 = 37 /32	174 42 = 37 /32
22 30 = 2 /7	44 12 = 38 /32	75 11 = 38 /32	87 34 = 38 /32	110 46 = 38 /32	133 20 = 38 /32	156 31 = 38 /32	174 51 = 38 /32
22 59 = 3 /8	45 0 = 39 /32	76 0 = 39 /32	88 0 = 39 /32	111 25 = 39 /32	133 33 = 39 /32	157 55 = 39 /32	175 6 = 39 /32
23 14 = 4 /9	46 0 = 40 /32	77 0 = 40 /32	89 0 = 40 /32	112 0 = 40 /32	133 57 = 40 /32	158 3 = 40 /32	180 0 = 40 /32
	47 0 = 41 /32	78 0 = 41 /32	90 0 = 41 /32	112 30 = 41 /32	135 0 = 41 /32	158 24 = 41 /32	

In harmonics, 1-36, orbs are divided between larger and smaller aspects according to the size of the denominator.
Note how finer aspects exponentially bunch up around the larger ones.

What is mainly to be gathered from this comparison of harmonics with arc transforms is that any arc transform represents some multiple of a whole single-fraction ($1/d$) of the circle (an aspect, but usually a finer one), however small the actual fractional division may be. Thus, an arc transform chart is an analogue of a harmonic chart (which is always $1/d$, whereas an arc transform may be $2/d, 3/d \dots x/d$), a particular multiple of a higher-than-obvious fraction whose numerator and denominator are unknown (but ultimately reducible to n/d), with the arc transform chart giving you a magnified key to how that arc is inhabited throughout the original horoscope. Like a harmonic chart, it is not a horoscope in itself, just a horoscope-formatted way of looking at subdivisions of a fractional division of the circle laid end to end.

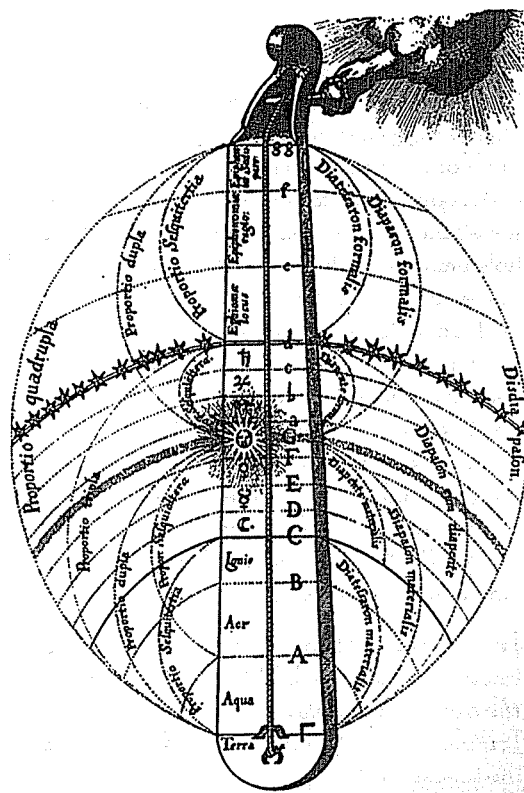
Larger vs. Smaller Arc

Another caveat about this technique and its cleverly-simplified arithmetic calculation is that it breaks down if you decide to use the larger arc (over $\frac{1}{2}$ the circle) instead of the smaller. This is because, of course, the larger arc doesn't repeat itself even once, and applying the usual arithmetic to it will yield a chart with everything bunched up together into just a few signs and most of the chart empty. Try doing a 0.18 harmonic chart on most computer programs and you'll see what I mean. Suddenly, you're looking through the wrong end of a telescope instead of a microscopic close up.

Astrological Antecedents

Now, in search of meaning: this may be an interesting, modern mathematical approach to twisting ordinary data about, but does it have any precedence in traditional astrological theory or practice? Actually, it does, in several places.

The idea of turning a limited section of the horoscope into an interior, scaled miniature, or fractal, of the whole has antecedents in the rolling rulerships of dwads, decanates, planetary hours and lunar mansions, which are all looked at as whole systems that lay themselves end to end until they have by repetition covered the entirety of the larger circle of the day, month, year or lifetime. Those are probably the closest places to look to, for example, on how to use the arc transform chart. It's the worlds-within-worlds point of view that highly populates Hindu culture and pops up with considerable regularity in Western philosophy as well, also having been rediscovered by modern mathematics in the exploration of the fractal. Does the arc between two specific planets make up a little fractal world, which repeats itself over and over around the circle?



From Fludd's *De Musica Mundana*

The Mundane Monochord with it Proportions and Intervals

In this chart is set forth a summary of Fludd's theory of universal music. The interval between the element of Earth and the highest heaven is considered as a double octave, thus showing the two extremes of existence to be in disdiapason harmony. It is significant that the highest heaven, the Sun, and Earth have the same tone, the difference being in pitch. The Sun is the lower octave of the highest heaven and Earth the lower octave of the Sun. The lower octave (F to G) comprises that part of the universe in which substance predominates over energy. Its harmonics, therefore, are more gross than those of the higher octave (G to g) wherein energy predominates over substance. "It struck in the more spiritual part," writes Fludd, "the monochord will give eternal life, if in the more material part, transitory life." It will be noted that certain elements planets, and celestial spheres sustain a harmonic ratio to each other. Fludd advances this as a key to the sympathies and antipathies existing between the various departments of Nature.

Cosmic Music

Recent measurements of distant space objects suggest they are giving off various kinds of waves at very low frequencies, corresponding to *cosmic music*, according to some fanciful astronomers, including a black hole emanating the lowest B-flat in the universe. Although there may be a big B-flat coming from afar, there may be a much more local reason for C being so central as the home tone here on Earth. If you take Earth's yearly cycle, 365.2422 days, convert it to seconds and then divide it by two to reduce it to shorter octave cycles all the way to audible Hz, you eventually reach 0.003637097 or just 272 Hz, just between tempered C and C sharp if A=440.

True C2 is 264 Hz, or expressed in a decimal fraction of a second 0.0037878787—*just the tiniest bit flat of Earth's tuning*. Tempered C2 is 261.626 Hz or 0.00382250, the tiniest bit flatter still. So, Earth's own frequency might appear to be between C and C sharp (and if you use A=444, it's closer still to true C).

After discovering the pitch of Earth, a little above C, it's worth calculating the rest of the planets. Quite curiously, Venus (most associated with music) is smack on A at just 442 Hz. Of the rest, the inner and outer most planets, Mercury and Pluto, are multiple octaves of each other at just above C sharp (C#), and all put together the tones E, F, G, B-flat, B, E-flat (E-b) are lacking. Here's the list, all compressed to the same octave, although some others (like Mars and Saturn) are actually also octaves or so apart:

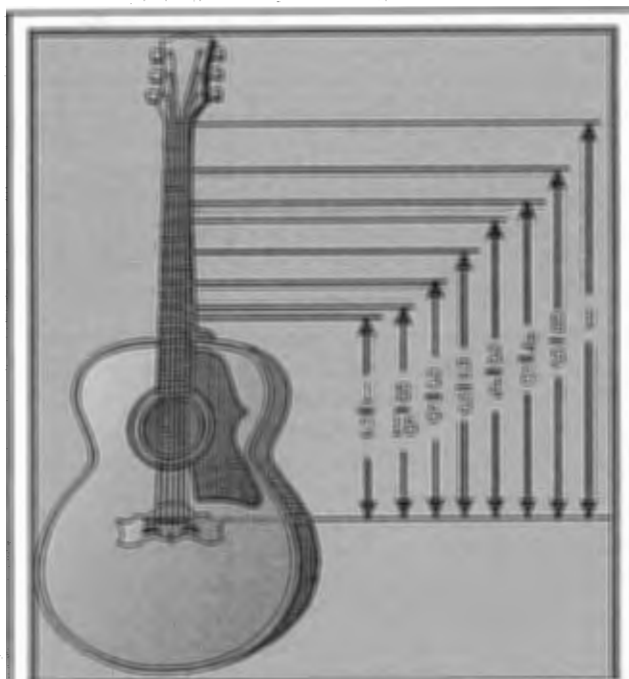
Earth	= 272	= C, a trifle sharp
Mercury	= 282.5	= C#, a trifle sharp
Venus	= 221.22, or 442.44	= A
Mars	= 289.44	= D, a trifle flat
Jupiter	= 367.15	= F#
Saturn	= 295.69	= D
Uranus	= 414.71	= G#
Neptune	= 422.86	= G#, a trifle sharp
Pluto	= 281.34	= C#, a trifle sharp

There is another similar usage, and that is Arabic parts. An Arabic part is determined simply by applying the arc between two given planets outward from a third point (or from one of the original two) to see where it winds up (which place becomes the part of whatever)—which yields one (though not the only) set of places which would become a conjunction in their arc transform chart. Arabic parts only do that once, however, and not stepwise until the whole circle is covered, unlike an arc transform chart.

So, in all these earlier methods, the ancients have considered important the kind of data that an arc transform chart yields. Why did they do this, how did they interpret it, and is it about dividing space, time, or both? The answers aren't easy to pin down, but they likely lie in two principal areas: natural resonance and learned repetition.

Natural Resonance

There are reasons, probably quite physical, that astrology has traditionally leaned on the so-called major aspects and larger minor aspects (in essence, the larger harmonic divisions or simple multiples of prime numbers under 12). Primary among these is the observation that the natural world seems to resonate according to these divisions, especially musically. The natural octave and its whole tones and semitones are determined by ratios described by



The fundamental proportions of the larger numbers and their fractional proportions determine pitch and harmony, and on the cosmic scale have been considered the determiners of the music of the spheres.

these numbers. Indeed Pythagoras and later Renaissance astrologers like Fludd (see sidebar, page 15) and Kepler conceived of the planetary ratios as fundamentally musical. If we simply step up their relative orbital periods by octaves until we get into the audible spectrum, we get many of the fundamentals of the musical scale (see *Cosmic Music* and the illustration of the guitar to the left).

What's interesting is that the ratios of all the planet cycles are very Pythagorean, indeed, and seem to put them in distinct musical families, not surprising after eons of settling into their mutually resonant orbits.

It's Gravity

When you get beyond mere musical metaphor, however, you find that the laws of gravitation tend to roll planets into just these kind of natural harmonic relationships. The Lagrange points of orbital stability and instability virtually define the fundamental largest aspects of conjunction, opposition, trine, and sextile.²

Astrologers should probably take note that they are fundamentally dealing with some very physical phenomena, and our behavior and psychology which we connect with the planets has been driven by evolution, itself driven by environmental cycles powered by planetary cycles. Thus, we do not project our myths upon the planets, but rather derive our innermost sets of growth, timing and mythology and symbolism *from* them, around which our character structure, both as individuals and as a species, forms as part of life evolution in general. The fundamental resonances of the solar system are integral to what we do—they predate us and we formed ourselves around them as resonant attractors with intractable momentum over time. It's a picture painted simply by the step-down effects of resonant gravity, and the continuing lock it has on all existence, as the planets inexorably entrain and reinforce these rhythms from the top down and the ground (our environment) up.

Individual Resonance

But if that was all there was to it, we'd be living in a crystalline universe, totally locked in to a perfect, stable resonant chord. Ultimately, we may become so, but for the moment the fact is we're not. We are not solely tuned to and timed by the external timing factors stepped down from above, from diurnal, solar, lunar, tidal and less obvious, but equally as strong longer-period cycles. There is a wiggle factor.

We also have individual internal clocks that keep us going relatively in sync with our environment, on which we rely when fundamental cues may be temporarily absent and which we reset as driver rhythms

reassert themselves. This is where the temporal factor becomes as important as the spatial one. It is likely that much of the effects of any natal chart comes from its reinforcement by continual transits (cycles) tweaking it in regular fashion. If there are certain kinds of events that repeat within a given time segment, we become attuned to them and they in fact add to, if not mostly create, our expectations and hence our inner structure. The fundamental cycles that we all share, give us joint character, and the ones we don't share (or the unique combo that is our nativity) give us our individual natures as they vary from the average. It is a matter of repeating the same experiences over and over until they become us, starting at extreme infancy and building into full adults over the years, varying from slightly to markedly different for everyone.

This approach might indeed be labeled *behaviorist* astrology, and in relation to the natal chart is hard to prove, since it's hard to document and so utterly subjective (especially since the most important parts are established in early childhood, entirely unrecorded and unremembered, quickly-relegated, to the subconscious and autonomic parts of our personalities). But the principle becomes much more obvious when we take another type of astrological chart in which the process can be watched to work as the obvious determining factor. That would be the composite chart. A composite chart is not a chart of a beginning, but of an acquired process, and its strength and influence on the two people involved increases as they remain in contact and it absorbs more repeated transits, gaining ever-stronger definition by accretion. As events cause each person to meet at the set of dynamic mutual shores that define a composite chart, it becomes a virtual individual in itself, created by evolving circumstance. That's why when we see a bad one, we can run while it's still weak and relatively unmanifested before it gains strength and eats both individuals alive.

Here, indeed, we may find the very mechanism of any meaning to be found in an arc transform chart (or, for that matter, Arabic parts, or any system that primarily exploits a particular arc that is subject to reinforcement by multiple transits and progressions). For instance, the arc between the Sun and Moon marks out a certain length of time between when we get hit by something and then the next one takes the same hit—diurnal rhythms mark that in hours, lunar in days, solar in months, and so on. The more it happens, the more we absorb (and then internalize and forget) that timing factor, until it becomes a part of us. Thus, while everything at large may be resonating in gravitationally-resonant major aspects, you, yourself, are marching to a different, more fragmented drummer, but it's yours alone, and the longer you live, the more familiar the beat.

The Sun-Moon arc is naturally the strongest (it's the easiest to feel, being the environmentally most influential), and not surprisingly, the Part of Fortune is the most-used and familiar Arabic part, being the first and primary projection of the Sun-Moon arc transform. From there, it's a step-down to the rest of all possible planetary pairs. You have an internal clock ticking out the set of time spans between them, and it is these rhythms that help shape your expectations and innate timing in life.

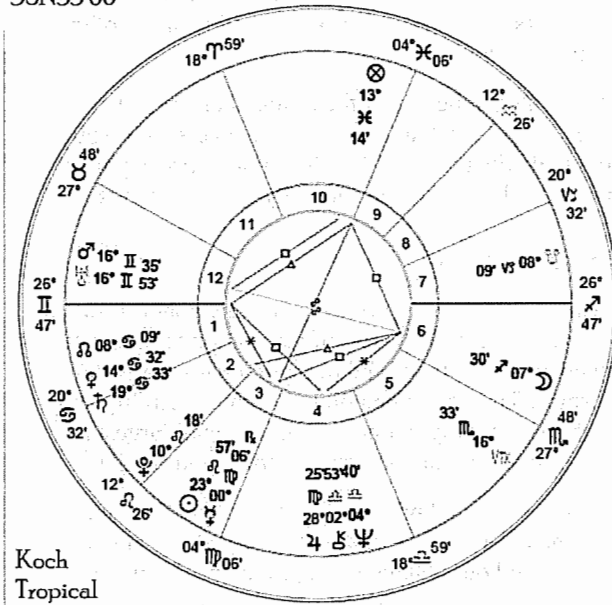
That, I believe, is what is uniquely useful about arc transform charts—they accentuate the eccentricities of any one given natal chart, the extra set of non-standard rhythms that make for the vagaries of the individual existence. The overall tendency, over time (over the ages) is for systems to stabilize and resonate in the major harmonic relationships, the bigger aspects. Thus, the solar system was pretty chaotic until the current state of the planet's orbits settled in and adjusted to each other, in general equilibrium, even though never quite the hypothetically ideal, perfectly-locked resonance. A great deal of our own individual lives are about coming into some sort of the same equilibrium while having to live with our own uniquely different separations from it. A major harmonic chart will tell you how well you fit into that overall equilibrium, and an arc transform will tell you how your planets match up on their own, much finer sets of what are, essentially, just higher harmonics, overtone series of the more fundamental drivers.

A Tool for Tuning, or Beyond...

With that in mind, I personally use arc transforms for just that—fine-tuning. When I see no obvious harmonic at all between two planets, they bring otherwise unavailable insight. When I see two that are close, but not quite exactly on a major harmonic, they give me an idea as to whether the whole chart resonates better with the major harmonic or whether there is actually a tighter picture in the arc transform. An example would be my Moon-Sun, which are in a bi-septile aspect to each other. A 7th harmonic chart shows some interesting resonances around the board, a grand trine. A Moon-Sun arc transform, however, ties everything together much more precisely, actually making the aspects tighter, especially the Venus-Chiron-Pluto relationship with the Jupiter-Neptune-Mars-Uranus cluster, showing that it rings of itself even more and slightly differently than just in the basic harmonic. That's partly because the fundamental Sun-Moon relationship is close to bi-quintile (2/5)

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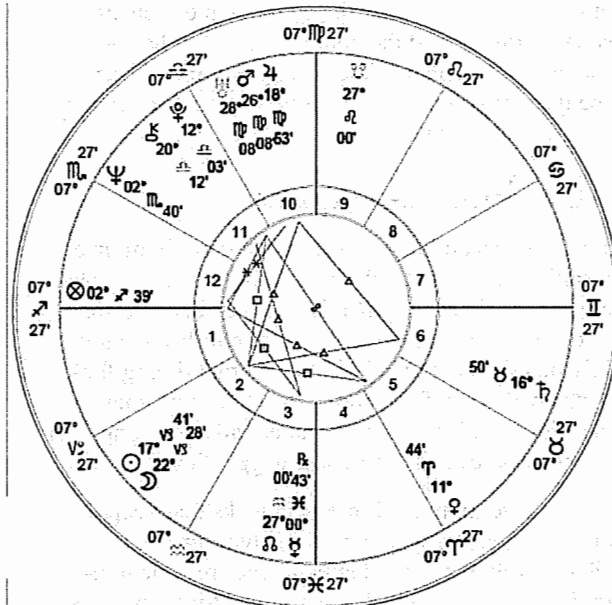
Chart 4
 Natal



Koch
 Tropical
 Geocentric

John Townley
 Aug 17, 1945
 01:51:00 am EWT +4:00
 Walter Reed DC

Chart 5
 7th Harmonic



and the harmonic chart by nature gives a single-quintile reduction (1/5), changing the Venus position from opposition to square.

Sometimes choosing between the two can put you in totally different worlds, however. In her excellent book *Insights Into Astrology*,³ Nona Press spends many pages on her well-reasoned take on both harmonics and arc transforms, using her chart and those of her family as primary familiar examples. Her Sun and Moon, however, are within a 2°14' conjunction, so when she leans on a Sun-Moon arc transform, that's super-magnification of a tiny arc to an almost magical degree, somewhere around the 161st harmonic. Anyone else would have left it as a tight conjunction (1/1 harmonic, the natal chart itself) and not bothered to fine-tune it further, but she finds meanings both by transit and progression as that tiny arc repeats and divides itself in sub-cycles around her chart. Her interpretations, lending planetary assignments to

particular harmonics and meanings to them with which I would not necessarily agree, still seem to come out all of a piece when all is said and done. She uses both harmonics and arc transforms to create whole new super-magnified worlds of individual existence, whereas I would use the technique simply as a fine-tuning adjunct of what is to be seen through more traditional methods.

In summary, regardless of how you use arc transforms or whether you use them at all, they bring up fundamental questions as to what astrology really is, physically and experientially, and what is and isn't legitimate within that framework. In the end, I don't think they will see much more use among practitioners than they already have, except for the few who devote themselves to the technique, mainly because of the massive amount of fine data they present, even with a computer to keep track. Still, they can be of use both as a practical and a philosophical tool to see how consistent and effective your overall viewpoint is, and they reveal a window into the enormity of the fractal environment which is our moment-to-moment, totally personal experience of existence.✚

Note that Chart 4 is my natal chart.
Chart 5 is the 7th harmonic of my natal chart.
Chart 6 is the Sun-Moon arc transform.

An arc transform can both tighten and rearrange the view of a close-by harmonic, as with the relative Venus position shown in Chart 6.

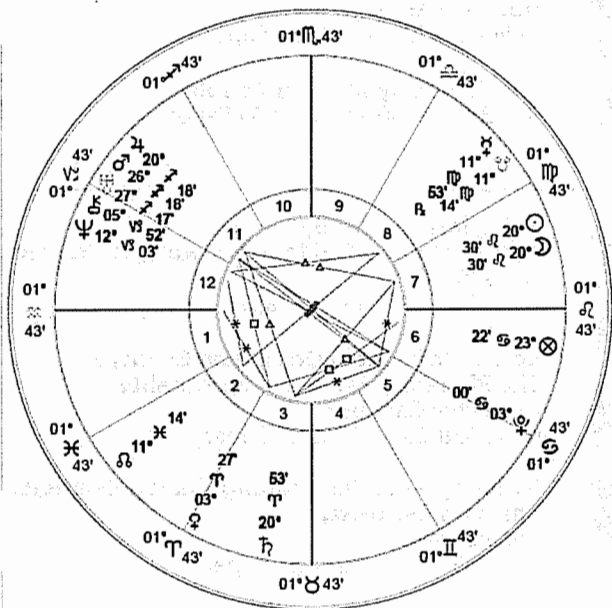
Endnotes

- 1 <http://www.astrococktail.com/minoraspects.html>.
- 2 <http://www.astrococktail.com/Lagrangepoints.html>.
- 3 Press, N. *Insights into Astrology*. CA: ACS Publications, 1993.

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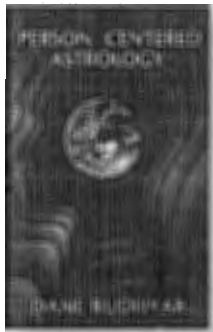
Chart 6
Sun-Moon Arc Transform

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Early in his astrological career, **John Townley** introduced the composite chart technique for analyzing relationships in his book, *The Composite Chart*, and twenty years later wrote the definitive work on the subject, *Composite Charts: The Astrology of Relationships*. He has been the president of the Astrologers' Guild of America, and was the editor of *The Astrological Review*. For more on the author, visit his website: www.astrococktail.com. He can be reached at townley@astrococktail.com.

Editor's Note: If you would like more individual interpretive text on what smaller harmonics mean, you will find such on <http://www.astrococktail.com/minoraspects.html>. Described is the meaning of some of the minor aspects-harmonics based on John Townley's experience. The harmonic list included in this article works quite well with the definitions on the above cited web page.



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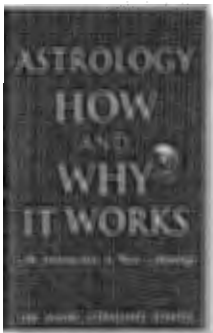
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*"Emotionally, I would prefer that Gauquelin's results
don't hold, rationally I must accept they do."*

—Hans Eysenck, London University of Psychiatry



Angles... and More Angles

by Martha Wescott

By an intriguing and easy technique of applying adjutant ascendants and derivative midheavens, Martha Wescott demonstrates how to expand the depth of meaning of both. Additionally she interweaves the detailed magic of the revealing asteroids for which she is so well-known.

While an in depth knowledge of such terms as *prime vertical* is not essential to the application of this technique, it's useful to have some understanding of the basis for the traditional astrological points as an anchor.

Reference to Figure 1 shows you a number of Great Circles (which are any circles on the inside or outside of a sphere whose planes pass through the center of the sphere.)

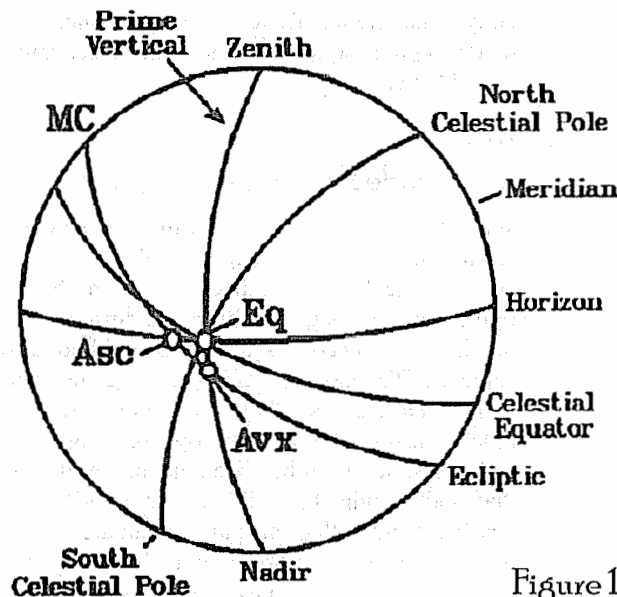


Figure 1

The midheaven, for example, is the intersection of the upper Meridian with the ecliptic. The ascendant is the intersection of the horizon (that is, the visual horizon where, forgive me, the Sun also rises) with the ecliptic. The equatorial ascendant (formerly called the East Point) occurs where the Prime Vertical crosses the Celestial Equator; and the anti-vertex, the point opposite the vertex, is the Prime Vertical-Ecliptic intersection. The ascendant then shares both a description and a neighborhood with the equatorial ascendant and the anti-vertex. What else might they share?

Adjutant Ascendants

In delineation, the ascendant, through its ruler and aspects, reveals much about the birth circumstances, the defenses and skills acquired to adapt to the environment, the daily routine, and the *appearance*, the *face* (both physical and psychological) of the individual. When you think of your own chart, is that description complete? Could it be better? What if both the equatorial ascendant and the anti-vertex also acted as *ascendants*? I think they do, and that viewing them as such gives the astrologer a quick and accurate way to augment what is seen as *ascendant* issues.

Although some traditional ascendants (those in late Virgo or early Libra, for instance) will have the equatorial ascendant (Eq) nearby, other charts can have their Eq in the 12th house. This implies a less easily seen part of the personality. There's a subtlety or nuance that is unavailable to the 1st house Eq individual whose persona is, perhaps, more direct, the

personality more easily ascertained. While the Eq may be in the same sign as the traditional ascendant, it may not be. This introduces other rulers and potential aspects. Let's consider some examples.

Ascendant Examples

1. Leo Ascendant, Cancer Eq

A woman with a Leo ascendant and the Sun in the 8th house, absolutely is very involved with all manner of 8th house issues. Her husband is a psychologist, a child has emotional problems, she is well acquainted with convoluted motivation and both positive and negative ways of *getting more out of others*.

Her Eq however, is in the 12th and in Cancer; there are sorrows through children, and with the Moon in the 9th house, she is a teacher and earned her degree in Philosophy at a prestigious university. From Scorpio, a retrograde Neptune trines this Eq, and from Pisces, the asteroid Amor also trines it.

While in some ways her (Neptune) sensitivity and poetic nature are untroubled parts of her personality as she lives her life by the ocean, Neptune is retrograde so even with the trine, there is the issue of trusting untrustworthy people; there is the escapism and a definite level of personal chaos. When you have (Amor in Pisces), basically no boundaries, and find that your susceptibility invites acceptance without limits, trusting the wrong people only adds to the chaos and the swirl of disappointment that is a major theme in her life.

2. Eq opposed by Demeter-Saturn

A man's 1st house Eq is opposed by a Demeter-Saturn conjunction in the 7th; both are retrograde. If you said that his early life was difficult because of tensions between the parents and that there were events over (Saturn) the rules and discipline of (Demeter) the mother, you would be exactly right. If you talked about discipline and hardship associated with (Demeter) meals and eating, he'd tell you about being so afraid, he couldn't swallow. He'd tell you about being sent to bed without supper because of some infraction. If you suggested that there might be issues in (7th) relationships because of problems with (Demeter) caretaking and children, he'd allow as how he had been in a long relationship with a woman who had a child with severe physical and developmental disabilities.

3. Eq Conjunct Poseidon

A young woman whose Eq conjoins (the asteroid) Poseidon, retrograde, has been very affected by the religious affiliation and practice of others. Her Capricorn Eq carries a square from Orpheus (death, loss, depression, and music). She plays the piano for relaxation; she does contend with and battle extended periods of depression; she worked in a hospice for quite a time; and her current career puts her in daily contact with those with terminal illnesses.

With both the traditional ascendant and the Eq in Capricorn, their ruler, Saturn receives double emphasis, but her anti-vertex (Avx) is in Aquarius. It pulls you to discuss her 8th house Uranus, which holds an applying square from radix Kronos, retrograde. Were you to mention disruptions through the father, she would have verse and chapter of the huge impact of that in her life. If you discussed the idea that it might be hard to achieve recognition for skills due to the fact of being somewhat out of the mainstream, that would likewise bring a torrent of confirmation.

Too, the anti-vertex receives squares from her Neptune, retrograde—Hades opposition: she (anti-vertex as an ascendant) copes with an immune disease and frequent illness; she harbors fears that something bad is happening that she can't quite put her finger on; her compassion leaves her open to negative influences so she can be exploited by people who are up to no good. These things are such a part of her life that they fit *ascendant* criteria. Her expression of the pattern and her experience of it matches the difficulty of having insufficient coping mechanisms that a Neptune square the traditional ascendant would have.

4. Avx Conjunct

Retrograde Kronos and Tisiphone

When I suggested to a client with a retrograde Kronos and (asteroid) Tisiphone, also retrograde, conjunct the Avx and with a square from the asteroid, Sphinx, that, from birth and during childhood, his existence was a factor in and bound by someone (Tisiphone), seeking revenge and trying to *get even* with his father, but that there was much that was (Sphinx) unknown or a mystery about this, he said it had been his mother doing that, and he didn't have the truth of it until he was nearly 50 and both of his parents had died. This mystery had a huge impact on his life perspective. He spoke of the uneasiness of knowing that something really important was going on and yet

never being able to know what it was or why it involved him, and, despite years in therapy, never able to come to a place of rest from it until he had answers. As we discussed this, he realized that he didn't feel that he (Kronos, Rx) was fully recognized for his expertise. "I sometimes think that somebody (Tisiphone) has it in for me professionally, but (Sphinx) I don't know who or why." As is always the case, the energies find myriad ways to manifest in experience.

I hope these brief examples are sufficiently interesting to cause you to work with the equatorial ascendant and anti-vertex in your own chart and in the charts of several people you know well.

The degrees of these two angles may have special resonance in your experience. I note, for instance, that my Eq matches the traditional ascendant of one of my children, and my Avx is the same degree as another child's Moon-ascendant conjunction.

Derivative Midheavens

If we allow the possibility that these two other intersections offer us additional ascendant type information, can we extend the possibility of additional angles to the midheavens derived from seeing them as *ascendants*? In other words, once we view the equatorial ascendant as an *ascendant*, we can examine what the midheaven would be if it were *the* ascendant. We can then note the EMC (the midheaven based on the Eq) in the chart. Thus, if we're open to the pattern of the anti-vertex as an ascendant, we can then establish a midheaven, the Mvx, on that degree. Just as we did with the adjutant ascendants, we can explore these derivative midheavens for further information on the career and life direction.

If you refer to the MC-Asc Table on this page, where each line separation within a sign represents five degrees, you can estimate your derivative midheavens by locating the Eq in the ascendant column and noting the equivalent midheaven in the MC column. The Mvx then is estimated by noting the Avx in the ascendant column and using the corresponding MC for that degree as the Mvx. This graphic table of angles is accurate for 40° latitude and is intended only as an estimate. See that an equatorial ascendant in 25° Scorpio carries an EMC in 10° Virgo (at 40° latitude).

To find your exact EMC and Mvx, it's easy enough to use the rectify option in whatever astrological software you use. Rectify the birth chart's ascendant first to the equatorial ascendant; the resultant MC will be the EMC. Then input the anti-vertex as an ascendant, and the MC given will be the Mvx.

MC	ASC
♅	♏
♄	♎
♃	♍
♂	♌
♁	♋
♁	♉
♂	♈
♃	♏
♄	♎
♅	♍
♁	♌
♁	♋
♂	♉
♃	♈
♁	♏
♁	♎
♃	♍
♄	♌
♅	♋
♁	♉
♁	♈
♅	♏

Midheaven Examples

1. EMC Conjunct Psyche and Odysseus

A man has the asteroids, Psyche and Odysseus, conjunct his EMC. Among other things, Psyche is the mind and mental-emotional state, and Odysseus is the traveler, the wanderer, the stranger. As you would expect, he does have Attention Deficit Disorder (the mind wanders,) and this has had a major impact on his work choices and pursuit of ambitions. It's also true that because of his (Psyche) psychological history, he feels very much as though he's (Odysseus) always an outsider. Under questioning, he realized that, when (Psyche) upset, he tends to (Odysseus) roam around town going here and there on distracting errands, and that (Odysseus) *not staying put* was a way to keep his (Psyche) emotions from replaying their painful history. He also had a great deal of (Psyche) hurt because his (MC) father's job required frequent (Odysseus) travel, and there was (Odysseus) estrangement from the father.

2. EMC Conjunct Psyche and Lilith

A woman's EMC occurs conjoined to the asteroids Psyche and Lilith. The asteroid Isis is square. Psyche is about emotional pain; Lilith is triangulation, jealousy and rejection; and Isis brings up the matter of siblings. A monumental theme in her life is sibling rivalry. The asteroid Eros sextiles the EMC and she has been involved in a long list of relationships in which there was sexual infidelity. As well, her (EMC) father favors her now, but he is, she acknowledges, a *triangulator*, and sexual fidelity in relationship has never been his forte.

3. Mvx Conjunct Cupido and Photographica

A California man has the asteroid Photographica and the transneptunian, Cupido (family and relationship), conjunct his Mvx; he is a professional photographer, specializing in weddings and family portraits. Neptune does not aspect his traditional MC.

4. Mvx Conjunct Mercury

A client with Mercury conjunct his Mvx reports that his job has him on the telephone with customers seven of the eight hours he's at work. The other hour is all paperwork!

5. Mvx trine Venus-Neptune

With her Mvx trine her natal Venus-Neptune conjunction, graphic design is an important part of a woman's career. While Neptune rules her traditional MC, and you would have seen the art in that way, the Mvx trine affirms the judgment.

While you might have much more to say about these aspects during a consultation, the examples illustrate some of the benefits of the technique.

A further validation of these adjutant ascendants and derivative midheavens occurs because they are responsive to transits and eclipses. They also react characteristically in solar arc work. In other words, when a radix factor is approached by a solar arc EMC or Mvx, in delineation, it's as though it were the regular MC.

Since I approach some astrological work with a 90° dial, I can vouch for their effectiveness under Uranian techniques. Thus, for example, were you to want to generate appropriate career avenues for a client, a *tree* (or midpoint) structure to the traditional MC, the EMC and the Mvx would yield excellent results. (A professional writer has Mercury/Pluto = Mvx; Mercury does not aspect the traditional MC.)

For an extended sense of the individual's daily agenda (and other ascendant issues,) create a tree structure to the equatorial ascendant and to the anti-vertex. (A young man with Sun/Bacchus = Eq had an alcoholic father and is, himself, alcoholic.)

Although no technique is right for every astrologer, the use of these additional angles is simple to test, easy to apply, and can add substantial depth (and fascinating detail) to your work.*

Endnote

For more information and examples, see my monograph on the subject of Derivative Angles, © 1992.

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A long-time professional astrologer, who uses both traditional and Uranian techniques, **Martha Wescott** is the author of a monthly teaching newsletter, *Tools of the Trade*, and of a series of books, including the classic reference text, *Mechanics of the Future: Asteroids*, and the new source for event and psychological delineation of aspects between planets, Trans-Neptunians and 80+ asteroids, *Angles and Prediction*. For more information, visit: www.treehousemountain.com.

Clockwise and Counter-clockwise: Timing by Houses and Quadrants

by Meira B. Epstein

From the treasures of the past are uncovered two prognostication techniques—one, little known, based on diurnal motion, the other better known as Projection—that tell how the placement of a planet in the mundane wheel determines the age of its manifestation and fulfillment in life.

The first technique, which I will call *The Diurnal-Q*, is based on the diurnal motion and quadrant position of the planets. It is finite, reflecting the cycle of one day. This system is one of the best kept secrets in astrology, as it is entirely forgotten in modern times! The second system is known as *Projection*. It is cyclical and open-ended, reflecting the rhythm of the years. Both are found in all the ancient texts, from Manilius, Ptolemy and Paulus Alexandrinus through Arabic astrologers, all the way to Ibn Ezra, Bonatti and Lilly. In this article, you will find quotes from some of these important sources.

As these cycles unfold they release the signification and the energy pent-up in the houses, revealing the true personal evolution. When their years coincide, amazing things happen. Both are cost-effective—easy to apply, concrete in manifestation, and fun to observe. I will also add that they are among my primary tools in forecast work. Test it out and see for yourself.

I. Diurnal-Q: The Diurnal Quadrant System

Motion = Time: Time is measured by motion along distance. Without motion, there is no time.

The timing methods that follow motions of planets and angles in the sequence of the signs are logical and natural. It's what the eye can see. It is the physical

movement of the planets and the angles in the sequence of the signs along the ecliptic from West to East. We see them in transits and in symbolic directions in the degrees of the zodiac, such as secondary progression and solar arc. Transits mark time directly in a one-to-one relationship, while in symbolic directions degrees are equated with a variety of time units.

The other natural physical movement is the rotation of Earth around itself. Rotation of Earth is actually the primary motion, while the advancement in the signs is the secondary motion. These two are on what Primary Directions and Secondary Progressions are based.

Earth's primary motion creates what is called diurnal motion from East to West. It is an apparent motion: As the Earth rotates around itself in the course of the day, the planets and signs appear to rise in the East, move towards culmination at the midheaven, and then continue to decline towards the West. Since Earth seems to be stationary under our feet, we don't feel its rotation, thus, in our perception, the heavenly bodies appear to go up, rather than us moving down. (See Figures 1 and 2, next page.)

To summarize: In the chart wheel, this diurnal motion goes in a clockwise direction (Asc→MC→Dsc→IC), while the signs, the houses and the planets all proceed from West to East in a counter-clockwise direction. *We can think of diurnal motion as the ascendant degree sweeping upwards and around through the quadrants and houses, as the day progresses.*

Diurnal motion is the source for a prognostication technique which is completely forgotten in modern times. Yet, to the ancients it was as natural as the other techniques, since it comes out of the same type of observations as the others—the cosmos around us. It is found in all the ancient texts, from the Hellenistic and Roman eras through the Arabic, Medieval, and late Renaissance eras.

The principle is very simple and symbolically follows the diurnal journey of the Sun, which begins the day when rising in the east (Asc), then culminates at the midheaven, declines in the west (Dsc), proceeds to the lower heavens (IC), and emerges again at the Asc. The angles of the moment divide the wheel into four quadrants, usually referred to as the *mundane quadrants*, numbered from 1 to 4 in this upward clockwise direction. (See Figures 1 and 2.)

This division of the wheel is equated with the total life span, describing the stages from birth to death. The first quadrant represents youth; the second represents maturity; the third, old age, and the fourth is the final decline. The first quadrant is considered the strongest of the four. It is oriental, male, warm and ascending towards the midheaven.

The old texts don't say much more beyond this basic definition. But when we apply the usual astrological principles, taking into account the house rulers and their essential dignities, their house position and aspect relationships, etc., it is easy to see how it all comes together. As we journey through the quadrants and the houses (Asc, 12, 11, 10, 9, 8, 7, ...) we can see how the placement of a planet in the mundane wheel determines the age of its manifestation and fulfillment in life, and can watch the natal promise blossom.

None of the old texts has a name for this technique. Therefore, since it is based on the cycle of the mundane quadrants, I have named it the *Diurnal Quadrant*, or *Diurnal-Q* for short.

Diurnal-Q: Time Units

The Diurnal-Q poses some questions: How long is life? Are these four periods relative to the life of the individual, or are they stated in absolute numbers?

Even though the ancients did formulate methods to calculate the length of life, in this case, they did not specify the time units exactly. The usual description was: youth, maturity, old age and final decline. Here is a sampling of some sources:

Claudius Ptolemy in *Tetrabiblos* (ca. 150 CE), states that areas below the earth have no efficacy, so for him the passage of life is contained in the diurnal arc from Asc-MC-Dsc: birth, the prime of life, death.¹

Dorotheus of Sidon in *Carmen Astrologicum* (ca. 1st century), states that the sequence of Asc-MC-Dsc-IC represents youth, adulthood, prime of life, old age past its prime, death.²

William Lilly in *Christian Astrology* (1647) under a first house question, "What part of his Life is like to be

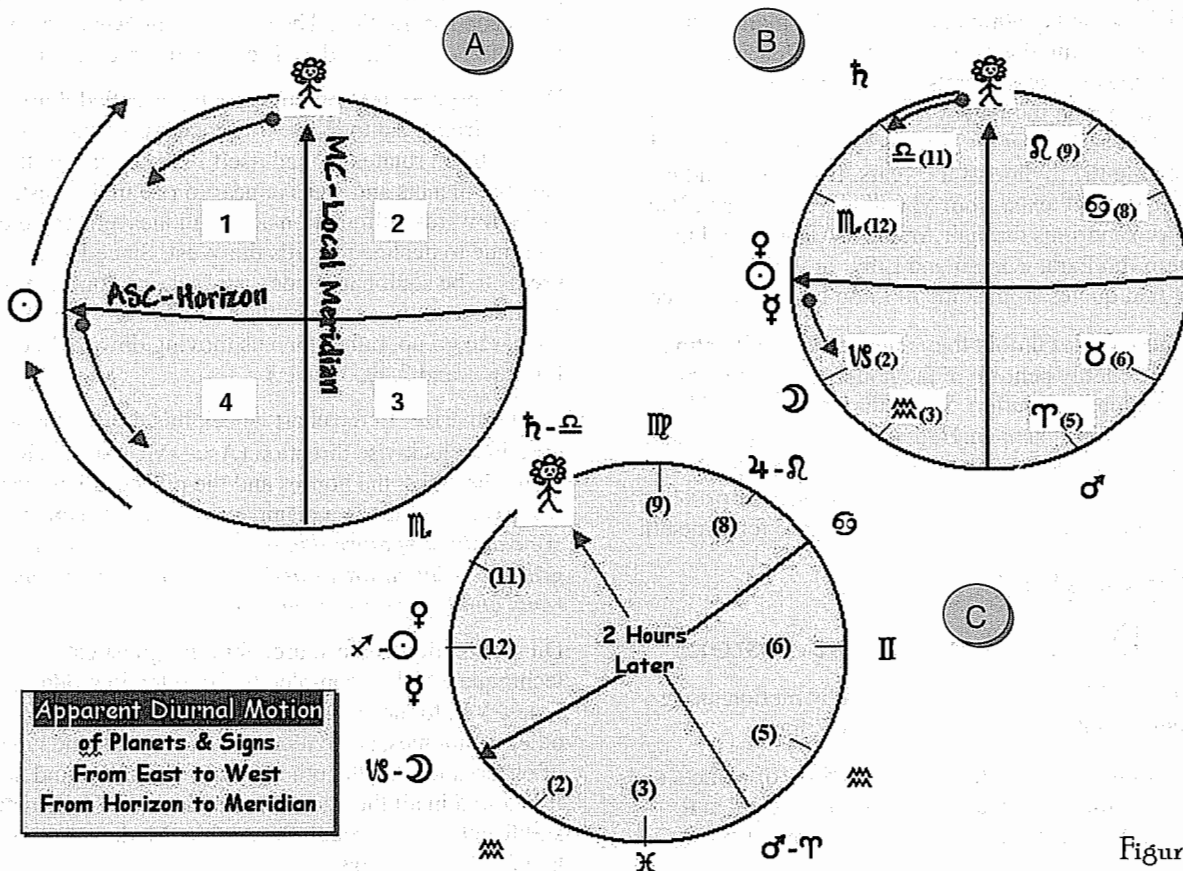


Figure 1

best"; he gives five years per house, "... sometimes more, sometimes lesse ..."³

Wolfgang Dobereiner, a 20th century German astrologer, in his *Munich Rhythm Theory*, has created a full-blown forecast system based on a similar principle. He gives seven years to a house (Placidus), thus the four angles represent ages: 0-21-42-63-84.⁴

Here is what the ancient sources say about this method.

Source 1: Manilius

Manilius was Roman poet who wrote the *Astronomica*, a Latin didactic astrological poem in five books. After defining the four angles, he instructs to observe the spaces between them and their charge (i.e., function).

*First then the Space that rising in the east
Mount upward, is by Infancy posses
There childhood plays: From then the Western Space
Gay Youth demands, and fills the second place
Next from the Western Point a Space descends
Thro' under Heaven, and in the Lowest ends;
There Manhood, having past the various Maze*

*Of Infancy and Youth, compleats its race
To finish this; the space that comes upward tends
And creeping slowly o're the steep Ascends
To join the Round at East, is made they way
Of feeble Age and flitting Life's decay.⁵*

Source 2: Ptolemy

The relation to the horizon indicates when the events that are signified by an eclipse will occur. Ptolemy marks three periods: the first four months, the second four, and the third four, matching Asc-MC-Dsc, all above the horizon.

The commencement of the effect, and the period of its general intensity, or strength, are to be inferred from the situation of the place of the eclipse with respect to the angles. For, if the ecliptical place be near the eastern horizon, the effect will begin to be manifested in the course of the first four months after the date of the eclipse; and its general height, or intensity, will take place in, or about, the first third part of the whole extent of its duration. If the ecliptical place happens to be in or near the mid-heaven,

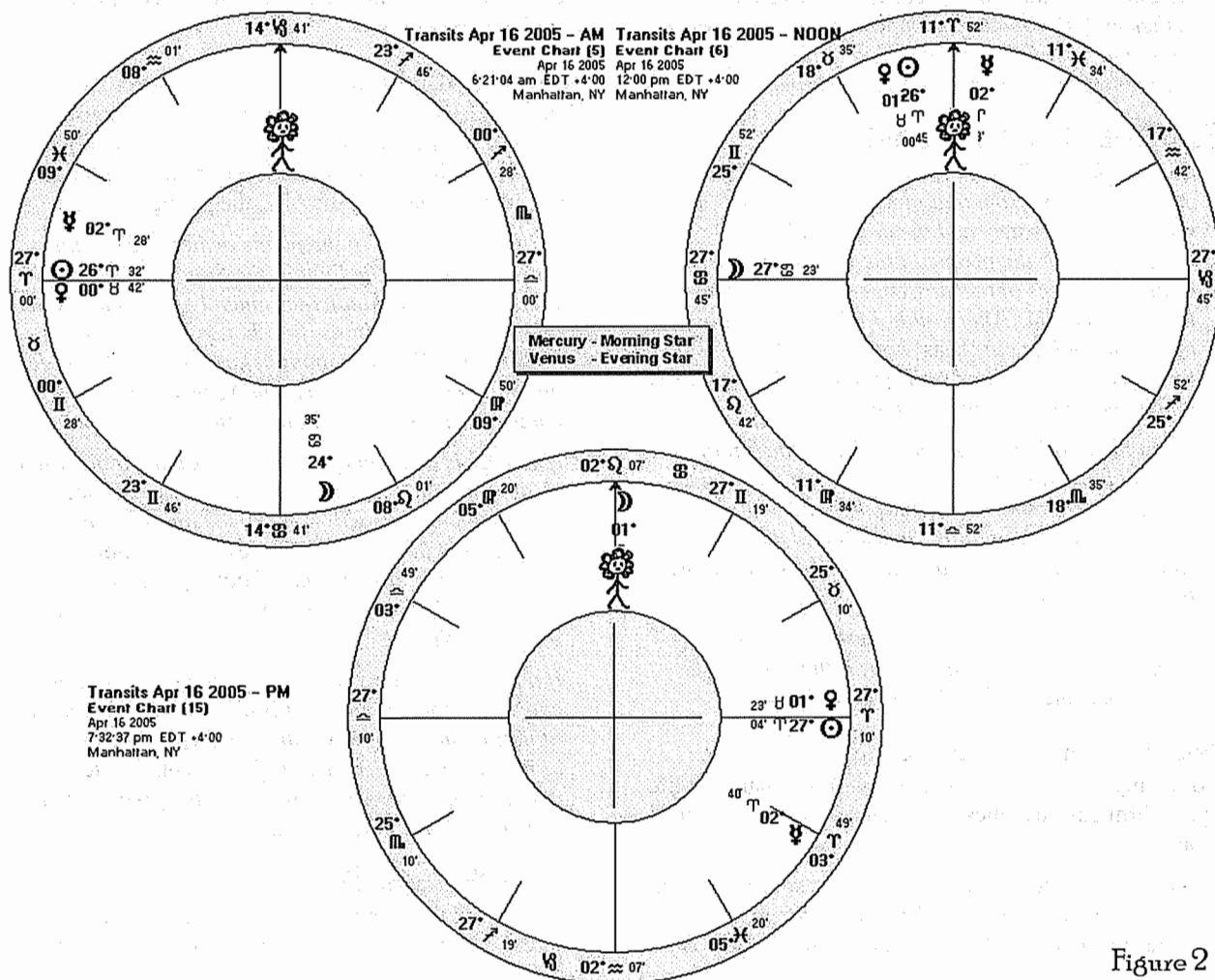


Figure 2

the effect will begin to appear in the second four months, and its general intensity will occur about the second third part; and, if the place should fall near the western horizon, the effect will begin in the third four months, and take its general intensity in the last third part of its whole duration.⁶

Source 3: Ptolemy

Again, relation to the horizon and solar phase indicates timing—occurring sooner or later. Note: *Matutine-Vespertine* means *oriental or occidental of the Sun*, i.e. rising before the Sun or setting after it. Such positions also fall in zodiacal quadrants, counted from the conjunction with the Sun in oriental directions.

Lastly; the general time, about which the event will take place, is to be inferred from the ruling planet's matutine or vespertine position, in regard to the Sun and the ascendant, and from the circumstance of its being situated in an angle, or a succedent house. As, if it is matutine, or in an angle, its influence operates earlier and more promptly; but, if vespertine or in a succedent house, later and more tardily. And, in reference to this point, the quadrant which precedes the Sun, and that which precedes the ascendant, together with the quadrants opposite to these, are oriental and matutine; and the other quadrants, following the former, are occidental and vespertine.⁷

Source 4: Dorotheus of Sidon

Look at the cardines because the ascendant gives the matter of youth, from that place at which the Sun rises from the water, and the darkness in their eyes is raised up for the people of the world, and sheds light on the eyes of the messengers who sent them forth to creation. After youth, look at the cardine, the tenth, and its gift [lasts] until the body of this native becomes warm and hair grows on his pubic area and he loves sexual intercourse.

From the cardine, the seventh, will be the gift of old age, and it will diminish the strength of this native for sexual intercourse [so that] the native will be insignificant in this, and the Sun sets and darkens [their] eyes. From the cardine, the fourth, is known the gift of death.

If the planets are luminous in these four cardines, then this native will attain good; if they are darkened, then [there will be] no good in it.⁸

Source 5: Firmicus Maternus

Following a discussion on the ruler of the chart and life span, Firmicus describes two cycles of seven and nine years:

Aside from other climacteric periods, seven and nine years and their multiples through all life in hidden ways affect men with various dangerous crises. Thus

the 63rd year which is the multiple of the two numbers is called the androclas [man-weakening]. Since the course of both numbers comes together in the 63rd year, this is a period of great danger. If the periods of seven and nine years which the Greek call ebdomatici and enneadici indicate severe dangers for men, how much more the 63rd year which is the multiple of the two.⁹

Source 6: Abu Ali Al Khayyat

Abu Ali adds an interesting twist by considering not only the cardines but also the succedent houses. Traditionally a succedent house is said to still have strength because it is adjacent to the cardine, unlike the cadent houses:

Know that if the planet that signifies good fortune is oriental above the earth, it signifies good fortune in the beginning of life; and if it is occidental below the earth, it signifies good fortune in the end of life. Furthermore, you will also consider the application of the houses, because the rising sign and the 2nd [sign] signify the beginning of life and adolescence, the 10th and the 11th signify youth, the 7th and the 8th old age, and the 4th and the 5th the age of decrepitude and the end of life.¹⁰

Source 7: Ibn Ezra

Note: *Pivots* mean *angles*. Jupiter in the 11th house is beneficial in three ways. One, it is in its house of joy. Two: It is in the strongest quadrant of the wheel, and three, it is succedent to the MC, the strongest angle.

If Jupiter is in one of the pivots or in the eleventh house, not under the light of the Sun, and not retrograde, then it also indicates much benefit and wealth and money. If it is in the first house or in the tenth house, this will come about before the middle of life, and if it is found in the remaining pivots, it will come about after the middle of life.

If Jupiter is oriental of the Sun before its first station or opposite the Sun [moving] towards its second station, the person will have honor and wealth before the middle of life; if [found] in the remaining two quadrants, it will come about after the middle of life. According to its strength such will be the person's wealth.

If a malefic [planet] is in one of the pivots, it indicates bad [things], and if it is oriental of the Sun, the affliction and adversity will come before the middle of his life, and if occidental, [it will come] after the middle of his life. Also, observe which pivot it is in, as you did for the benefic planet.¹¹

Source 8: Guido Bonatti

Here we find the first instance of actual age numbers, where the Asc-MC-Dsc-IC sequence is equated with

ages 0-21-40-60-90. Bonatti describes the quadrants: Q1-beginning to end of adolescence; Q2-departure of youth; Q3-old age to the end of life; “many men fail to live 60 years and some live beyond that point”, therefore, Q4 is decrepit, the end of old age.¹²

Source 9: William Lilly

Lilly combines a natal consideration with horary practice under First House questions: “What part of his Life is like to be best”. He gives five years per house—“sometimes more or lesse”—based on average life expectancy of his day and the condition of the Life Significator in the chart:

See either in what Angle or quarter of Heaven the fortunate and promising Planets are posited in; for in this way of Judicature, we give usually to every house five years, but sometimes more or lesse, according as you see the significators promising Life or Death, (but commonly five years we give) beginning with the twelfth, and so to the eleventh, then the tenth, then the ninth, &c. and so to the Ascendant; as if in your Question you find Jupiter or Venus in the eleventh or tenth house, you may judge the Man or Woman to have lived happily from the fifth year of his age to the fifteenth, or in his youth.¹³

Lilly continues: One, or both benefics in the 8th or the 7th house indicate content life from 20 to 30; in the 6th, or 5th or 4th—one will do well after middle age or from 30 to 45; in the 3rd, 2nd or 1st—one’s best days or greatest happiness will be towards old age, or after 45 until 60. If the Significators of life signify longevity one year may be added to each house

Source 10: Francoise Gauquelin

The following is not directly related to our topic, but it is an important food for thought. Here is Francoise’s summarized view: The anomaly of the Gauquelin Sec-

tors falling in traditionally weak cadent houses is explained by the diurnal motion. The proposition is to count houses from the first visible above the horizon upwards, in the natural progression of the day. This way, the cadent become *angular*. This follows the Babylonian tradition of observing rising-culmination-setting east-to-west phenomena in the sky, which precedes the Greek tradition which mainly relied on zodiacal west-to-east movements.¹⁴

By using the phrase, *The Greek Error*, Francoise goes to an extreme, which, in my opinion, is unnecessary. However, the point she makes is interesting in the context of the Diurnal-Q technique. The celestial sphere has many motions—West to East, East to West, North-South by declination and by ecliptical latitude—all of which give rise to a variety of methods. Natal and predictive astrology rely on all these principles, and do not require an either-or approach. It is the task of the seasoned astrologer to integrate them into coherent conclusions.

II. Profecion: Cycles of Life Through the Houses

Profecion is another system from the treasures of the past, which is both simple and effective. Here we equate one house with one year of life, counting from the ASC, or any other point that we choose—a planet, an angle or a lot, in the usual direction of the houses from one to twelve. When twelve years have completed, the counting repeats from the same starting point. The profecion year can be sub-divided into months and days, as we see in the quotes from Ptolemy and Paulus below. Here are the principles:

Profected months: The current annual profecion house and sign also signify the first month of this year; the house and sign following signify the second month, and so on. Thus, the 12 signs complete the 12 months and we reach the next profecion year in the subsequent house and sign.

Profected days: The 30 days of the profected month are apportioned around the zodiac, starting with the profected month’s sign, counting one sign per 2½ days.

Here is what the ancient sources say about Profecion:

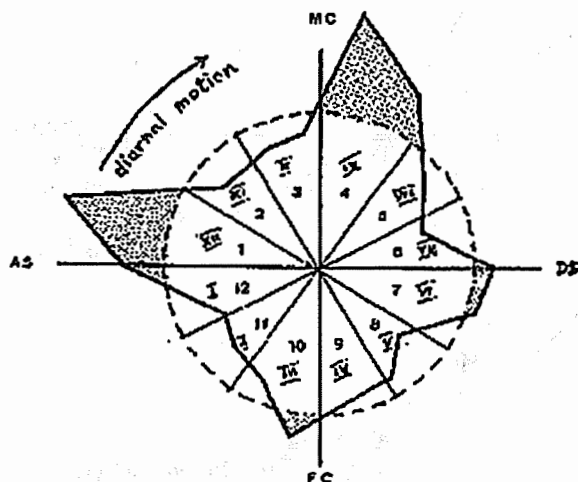
Source 11: Ptolemy

Note: *Ingress* means *entrance of a planet into a sign - a transit*. Also note the connection between Jupiter and profecion:

The arbiters of general times are to be determined by the foregoing method . . . but arbiters of annual periods as follows: . . . the number of years which have elapsed since birth . . . the amount is to be

Figure 3

The Gauquelin Sectors



projected from each place of propagation, in the succession of the sign, at the rate of one sign for a year, and the lord of the last sign is to be assumed as arbiter. And with regard to periods reckoned by months, the same rule is to be observed: for in this case also, the number of the month, as counted from the month of the nativity, is to be projected from such places as possess the dominion of the year, in the proportion of twenty-eight days per sign. So, likewise, in the case of periods reckoned by days, the number of the day, counted from the day of birth, must be projected from the monthly places of dominion, allowing for each sign two days and a third.

It is, however, necessary to notice the ingresses made on places allotted to different periods; for they take effect in no small degree on the events of the period. Thus, the ingresses made by Saturn, on places of general periods, require special observation; those made by Jupiter, on places of annual periods; those made by the Sun, Mars, Venus and Mercury, on monthly places; and the Moon's transit over daily places.¹⁵

Source 12: Dorotheus of Sidon

Dorotheus reminds us that the lord of the year must be evaluated based on its strength in the natal chart:

*When a native is born, the lord of the year is the lord of the house [ascendant] in which the native was born. Thus count from the ascendant a year for each sign until you reach the year which you desire; the lord of that house is the lord of the year. Look at the lord of this sign, whether it is a benefic or a malefic, and in the base nativity how its position was and in which foundation it was.*¹⁶

Source 13: Firmicus Maternus

Firmicus brings in the Diurnal-Nocturnal factor:

We find the year with a very easy calculation; for it always begins from the ascendant, and the first year will be the one in which the

*ascendant is located, the second in the second sign, the third in the third, and thus for the others in order. Some obtain the same results in a diurnal chart from the Sun, at night from the Moon. And this is also possible.*¹⁷

Source 14: Paulus Alexandrinus and Olympiodorus

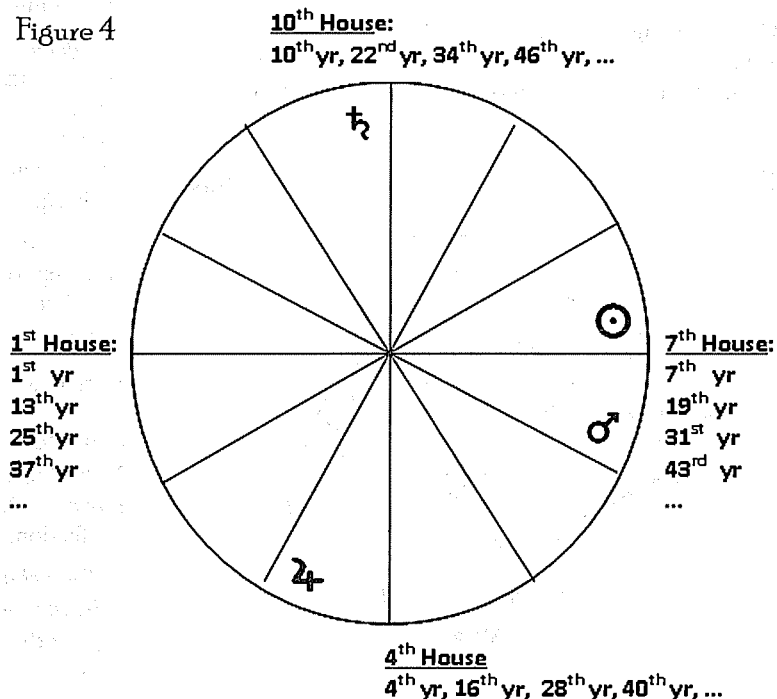
From Paulus we also learn about the sub-division of the profection year into months, days and even hours. Note: *Zoidion* means sign:

*Again, one should treat the month likewise, beginning from the zoidion where the year leaves off, and giving the number of months being sought to the zoidia in order. and where it should fall out, we reckon the month is there. One should treat the day in the same way also, beginning from the zoidion where the month fell out, likewise apportioning the number of days being found to the zoidia in order. Such as giving one day to each (zoidion) until the number of the twelve should be completed, beginning again from the ones preceding and filling out the number [of days in the month]. (That means going around the 12 signs/houses two and a half times. The hours, not quoted here, are taken in the same way, 1st hour assigned to the zoidion of the day, and the rest follow.)*¹⁸

Source 15: Vettius Valens

Valens provides us with a detailed explanation accompanied by clear examples. Here it is, paraphrased and abbreviated: Valens calls this process *handing over*, meaning, the profected place (where we start counting from) *hands over* the dominion of time to the new place that is reached. The profected place can be an angle, a lot, or a planet, and *handing over* means that now the new place or planet is active and has dominion for the annual duration, for ill or good. If the profection reaches an empty place (house) then we must evaluate the lord of the house, and watch the planet that makes an ingress into the house, for it also has dominion in that year. He emphasizes the necessity to project

Figure 4



the years from the *Horoscopus* (ascendant), the Sun, the Moon, the Pivots and the Lots—Fortune, Spirit, Eros and Necessity.¹⁹

Profecion: Computing Age

When we state age, it actually means how many whole years we have already completed. At age one, we have completed one year (and the first house) and we are now in the second year of life (i.e. in 2nd house). When we say we are seven, we have completed seven years of life and the 7th house, and now we are in the eighth year and 8th house. Thus, at age 12, on your birthday, you have completed twelve years of life and finished the 12th house. Now you are entering the 13th year of life and the 1st house again. Obviously, the transition occurs on the birthday.

In order to identify the current profecion place correctly, count the houses from the Asc (1st house counts as one) for the number of years completed, and then look at the one following. That is where the current profecion is. My recommendation is to try it in equal houses also.

Using as an example, a birth date of May, 1970, the stated age is 38 and current date is August, 2008. The current profecion is in the 3rd house. In explanation, 36 years have completed, three cycles of 12 years. Then two more years cover the 1st house and the 2nd house. So now the person is in the 39th year of life and in 3rd house by profecion. An easy trick is to subtract multiples of 12 from your current age and use the remainder to count from the Asc. (See Figure 4.)

Profecion: The Starting Point

The basic or general Profecion is taken from the *Horoscopus* (ascendant). As Firmicus and Valens show us,

other factors in the chart should be profected as well—angles, planets and lots. According to Valens (see page 30) the current age profecion also activates planetary aspects that are separated by the same number of places (signs). (See example in Figure 4.)

The Saturn square Sun and the Mars square Jupiter get activated when the current profecion is in the 4th house, as well as in the 10th house. The Sun trine Jupiter and the Mars trine Saturn get activated when the profecion reaches the 5th or the 9th house. Figure 5 illustrates yearly and monthly profecion from the ascendant. The birthday is August 2, 1960. The profecion is for the month of November, 1986, age 26. The native is in the 27th year of life. November is the 4th month from the birthday.

III. Application

Both Diurnal-Q and Profecion are house-based, so they should be studied together. Diurnal-Q is finite, reflecting the cycle of one day. Profecion is cyclical, reflecting the rhythm of the years; after 12 years we start counting again. As these cycles unfold they release the signification and the energy pent-up in the natal promise of the houses and reveal the true personal evolution.

As we go through the houses, encountering the planets in them and the planets that rule them, we experience that part of the chart, and it becomes part of our conscious experience. We own the experience and it becomes a life resource and an asset.

As a rule, a Diurnal-Q or a profecion house must be evaluated according to the natal condition of its ruler, in terms of essential dignities, house placement and aspects. When other planets are found in the house, they add a big impact and signify events per their own signification. Typically, a populated house has more punch, and the year is more eventful.

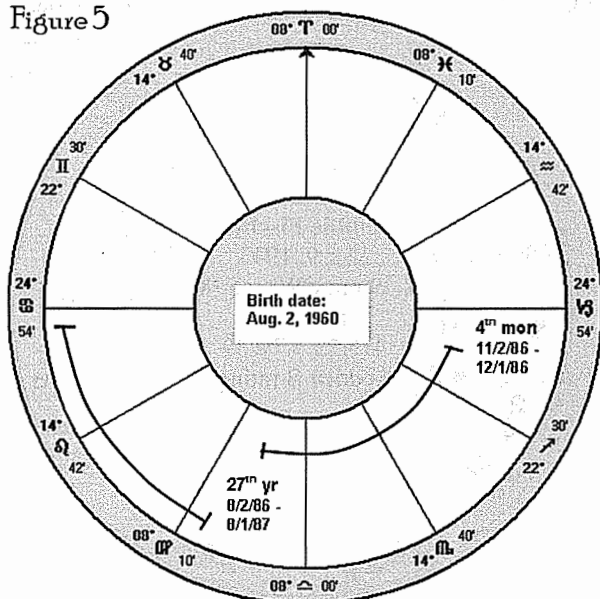
Application: Diurnal-Q

Here I use the seven years per house, following Guido Bonatti and Dobereiner. This number also coincides with the Saturn cycle, which is so fundamental in life. In terms of the exact age, you can be flexible and think of it as plus or minus a year or so (remember what Lilly said about the five years). When the house is populated by planets, assess their manifestation time proportionately to the seven years.

Also note transition into the next sign inside the house, which harks forward to the indications of the next house and its ruler. Remember, we begin in the 12th house and proceed towards the MC.

12th House (age 0-7) Childhood. Very impressionable time in life. Hidden potentials set in motion.

Figure 5



- 11th House (age 7-14) Adolescence social adjustment.
- 10th House (age 14-21) Find career direction. This becomes very pronounced if populated by planets.
- 9th House (age 21-28) Higher education. If populated by planets, publication or a lot of travel.
- 8th House (age 28-35) Shared resources through partners or marriage, especially if populated.
- 7th House (age 35-42) If populated, marriage or remarriage, partners, or adversaries.
- 6th House (age 42-49) The typical keywords, such as service, work and health issues.
- 5th House (age 49-56) Re-discover creative forces. Children issues on the agenda.
- 4th House (age 56-63) If strong, late bloomers (opposite the MC). Handle house and family issues. Wills.
- 3rd House (age 63-70) With health and resources permitting, travel. Pick up studies and hobbies.
- 2nd House (age 70-77) Take care of assets.
- 1st House (age 77-84) Thankful to be alive; get to experience the Uranus Return and Neptune opposite Neptune!

Application: Profecion

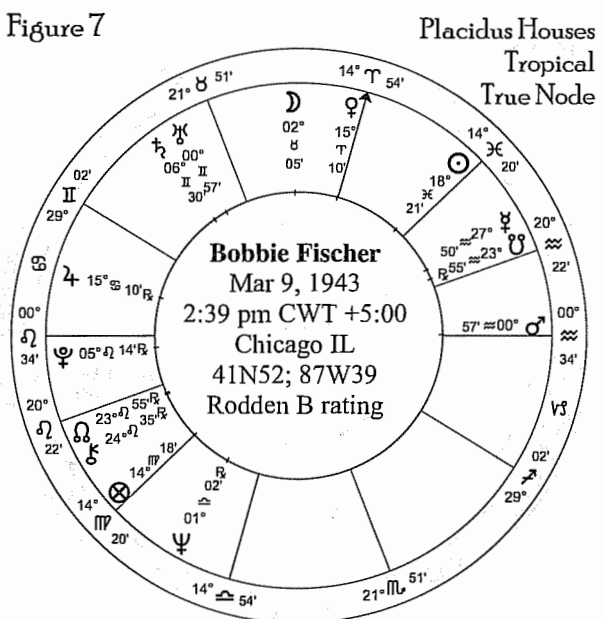
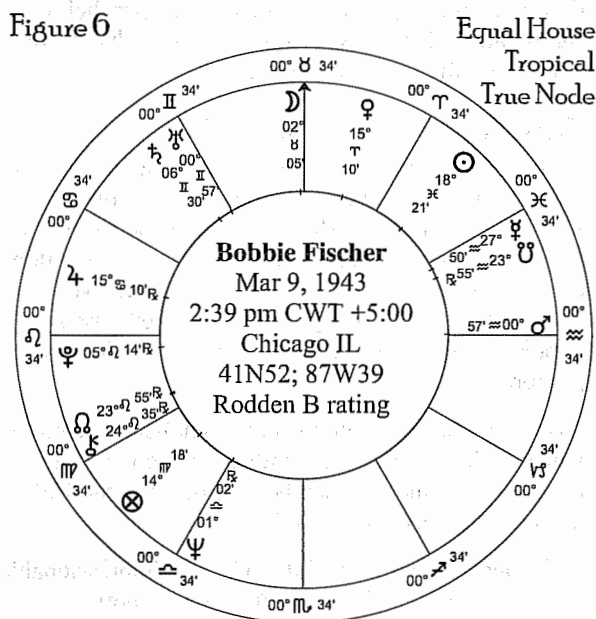
In addition to evaluating the house, as described above, evaluating the year is done in two ways: One by looking at the natal ruler of the profecion house and its condition, as well as planets in the house. Two, by looking at the condition of the natal profecion house ruler in the Solar Return Chart.

The rationale is that both the solar return and the profecion are annual indicators. It has been suggested that the 12 year profecion cycle corresponds in number with the Jupiter cycle (and possibly results from it), in which Jupiter spends one year in every sign and house and then moves on. In that sense, we can look at the profecion returning to a house after 12 years in the same way we observe the Jupiter return and look for correspondence. Ptolemy makes a similar statement.²⁰

As Valens teaches us, try profecions from the Sun and the Moon, and from the Lots of Fortune and Spirit. For the years when the profecion is in houses 4 or 10, a planetary square anywhere in the chart, will also be activated. Profecion in house 3 or 11 activates sextiles; profecion in houses 5 or 9 activate trines, and profecion in 7th house activates an opposition.

Diurnal-Q and Profecion: Coinciding Years

- Age 10: DQ and Profecion in 11th House
- Age 21: DQ and Profecion at cusp of 10th House (Saturn & Uranus cycle)
- Age 30: DQ in 8th House, Profecion in 7th House (business or marriage partnership)
- Age 31: DQ and Profecion in 8th House
- Age 42: DQ and Profecion at cusp of 7th House (Saturn & Uranus cycle)
- Age 52: DQ and Profecion in 5th House
- Age 63: DQ and Profecion at cusp of 4th House (Saturn & Uranus cycle) (Firmicus Climacteric years 9 x 7)



Conclusion

In my practice, I find the Diurnal-Q a most powerful technique, next to the Time Lord system (not discussed here), since both of them give the astrologer a way of looking at longer periods in life, major career changes and transitions, not shown by popular methods such as secondary progressions, solar arc, and transits. The profection method is an important tool in the annual cycle, combined with the solar return, as explained above. Years when two or more of these cycles coincide are memorable.

IV. Case Studies

The following charts are not fully delineated. The purpose is to observe some of the major events in the lives in terms of Diurnal-Q (DQ) and Profection (P). (See Figures 6, 7, 8 and 9.)

Bobbie Fischer - Chess Grandmaster

Age 6: Began learning chess; his older sister, whom he adored, gave him his first chess set. (DQ) in 12th: exalted and in sect, Jupiter trine Sun. (P) in 7th: Mars in grand trine with Neptune in 3rd and with its depositor Saturn, Diurnal ruler of the air triplicity.
 Age 10: Began competing in chess tournaments. Both (DQ) and (P) in 11th, activating air grand-trine!
 Age 29½: Sept. 1, 1972, defeated Boris Spasky, became world chess champion. Following political turmoil, he stopped playing in tournaments and gradually became a recluse. A five-year follower of the Worldwide Church of God (a fringe group), he gave many of his winnings to his church and slid into destitution. (DQ) in 8th: activates Sun trine Jupiter, its exalted dispositor, combining money with religion.

See the Sun in both charts and consider Sun square Saturn. (P) year in 6th, Capricorn, ruled by Saturn in rulership and triplicity. (P) month in 11th, contains his Saturn.

Age 49½: Sept. 2, 1992, after 20 years of exile from professional chess, had a re-match with Boris Spasky. He won in November, but faced arrest by the US government. Went into hiding to never return to US soil. (DQ) in 5th, Sagittarius, ruled by exalted Jupiter in 12th, which signifies exile and reclusiveness. (P) year in 2nd, (P) month for Nov. is in 10th.
 Age 62: Mar. 24, 2005, arrived in Iceland where he had been granted citizenship.
 Age 64½: Jan. 17, 2008, died in a Reykjavik, Iceland hospital of unspecified causes. (DQ) activating the 4th—home, homeland, end-of-the-matter-death.

Gloria Steinem -

Writer, Women's Rights Activist

Consider the 12th, 10th, 9th, 5th and 4th and their planets per the DQ method, when reading the following selected biographical notes:

Until the age of 10 she was home-schooled. At that age parents divorced and father left.
 Age 22, out of college, she was engaged to an older man from a musical family. She did not want to get married and while she was in England, waiting for a visa to India to study on a Fulbright Fellowship, had an abortion.
 Age 23, 1957 published her first book.
 Age 26, 1960 started her freelance journalism.
 Age 66, Sept. 2000, she got married for the first time; before then, a number of serious relationships since age 21.

Figure 8

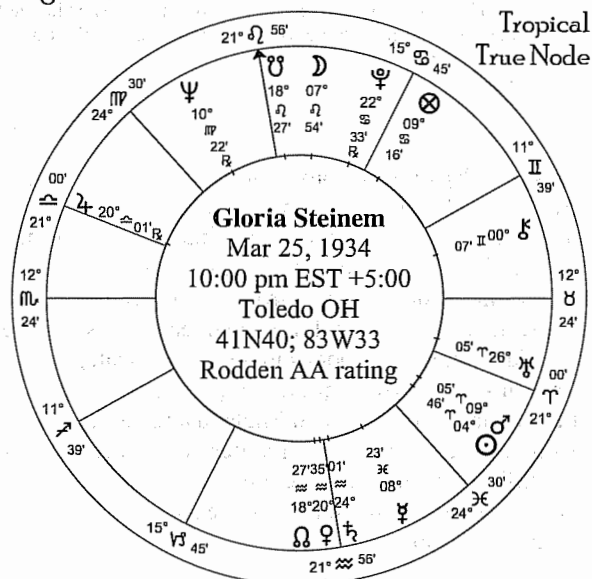
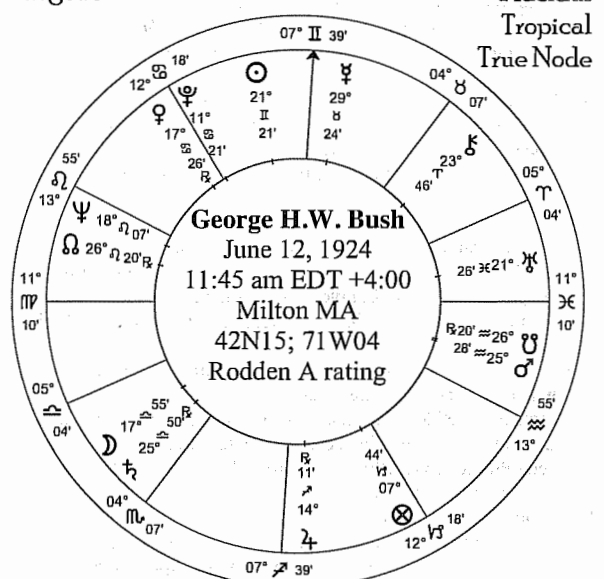


Figure 9



George H. W. Bush – 41st US President

Consider the 11th, 10th, 9th, 5th, and 4th and their planets per the DQ and the P method, when reading the following biographical notes:

Born to a prominent family, he enjoyed a privileged childhood and a close-knit family. In high school, he was elected senior class president, captain of the baseball and soccer teams, and was a member of a number of other clubs. Very popular.

Age 18: On his birthday, joined the Navy to fight in WW2. (D-Q in 10th, Sun trine Mars)

Age 21: Jan. 1945, on leave from the Navy, he married Barbara Pierce, daughter of a publisher (age 21 = MC Gemini).

Age 29: In 1953, tragedy struck the Bush family when their first daughter, Robin, born in 1949 was diagnosed with leukemia soon after the birth of their third child, Jeb.

Age 42: 1966, began his political career in Congress.

Both DQ and P = 7th, ruled by his dignified Jupiter.

Age 57: Jan. 20, 1981: Vice President to Reagan. P in 10th, where the Sun is, configured with Jupiter.

Age 63: Jan. 20, 1989, became US President; both DQ and P are activated at 63, where Jupiter conjuncts 4th opposite Sun in 10th!*

Endnotes

- 1 Claudius Ptolemy. *Tetrabiblos* (2nd century). Translated from the Greek paraphrase of Proclus by J.M. Ashmand, 1822. Printed in 1917 by W. Foulsham & Co., London. Republished in 1969 by Health Research, 70 Lafayette St., Mokelumne Hill, California 95245. From Book I, Ch. XVII, pp. 56-57.
- 2 Dorotheus of Sidon. *Carmen Astrologicum*, trans. David Pingree. Leipzig: Teubner, 1976; Mansfield, UK: Ascella Publications, 1993. From "Fourth House - Matters of Old Age and End of Life", p. 261.
- 3 William Lilly. *Christian Astrology*, 1647. Originally published by Partridge & Blunder, London 1647. Facsimile reproduction 1985 by Regulus publication; third edition. From a first house question "What part of his Life is like to be best", p.134.
- 4 Wolfgang Döberiner. *Textbook of Astrology - The Munich Rhythm Theory*, 3 vol., trans. Hal Wyner. Munich, 1978, Vol. II, p. 412.
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- 7 Ibid. Quote from Book III, ch. IV: in nativities - "general time, when the event will take place."
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- 12 Guido Bonatti. *Liber Astronomiae*, (13th c.), trans. Robert Zoller, Part-II. Berkeley Springs, WV: Golden Hind Press, 1994. Quote from Part II, p.42: "the division of the quarters of the circle."
- 13 William Lilly. *Christian Astrology*, 1647. Originally published by Partridge & Blunder, London 1647. Facsimile reproduction 1985 by Regulus publications, p.134.
- 14 Francoise Gauquelin. *The Greek Error - or - Return to Babylon*. C.U.R.A. - The International Astrology Research Center: <http://cura.free.fr/xxv/24app3-3.html>.
- 15 Claudius Ptolemy. *Tetrabiblos* (2nd c.). Translated from the Greek paraphrase of Proclus by J.M. Ashmand, 1822. Printed in 1917 by W. Foulsham & Co., London. Republished in 1969 by Health Research, 70 Lafayette St., Mokelumne Hill, California. Quote from Book IV, ch. X: "The Periodical Division of Time."
- 16 Dorotheus of Sidon. *Carmen Astrologicum*, trans. David Pingree. Leipzig: Teubner, 1976; Mansfield, UK: Ascella Publications, 1993. Quote from Book IV, v. 1-9: "The Transfer of Years."
- 17 Firmicus Maternus. *Matheseos*, Libri VIII, or Theory of Astrology, 334 CE Translated by Jean Rhys Bram of the Classics Department at Hunter College New York, April 1975. Published by Noyes Press, Park Ridge, New Jersey. Quote from Book II, ch. XXVII, v.3: "The Allotment of Time".
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Meira B. Epstein is a professional, NCGR-IV certified astrologer, a teacher on the New York NCGR faculty and a speaker at national and international conferences. She teaches astrology on all levels, with specialties in astronomy-for-astrologers, chart calculations, the Hellenistic and Medieval techniques and the Uranian system. Her books include the astrological texts of Rabbi Avraham Ibn Ezra, as well as many articles, published in the US, England and Holland. Previous extended career in computer systems and teaching ESL. Her books and lectures are available from <http://bear-star.com>. She can be reached at (212) 879-2186.

Diabetes through the Lens of Astro-Psycho-Physics

by Richard Nelson

Diabetes, one of today's most prevalent and frequently undetected diseases, is insightfully discussed by Richard Nelson, who illustrates with chart examples and research findings. He further offers practical suggestions for avoiding that which could possibly lead in the direction of this and other metabolic conditions, including a self-help questionnaire.

In Montignac, France, 14 years ago, several students and I, had the chance to meet with the French medical astrologer, Guy de Penguern (PMAFA). A couple of years prior, he and I started an email relationship in which he demonstrated an uncanny ability to forecast and predict timing of diseases. In order to feel comfortable with his claims, I gave him birth information for my wife, my family, myself and several friends. The results were amazing.

Considering the idea that our life potential lies in the natal chart, Guy has gone far in demonstrating that in health areas. His client basis for claims in 1994 was over 2000; it is now over 3500. Guy shared with me his methodology (Astro-Psycho-Physics¹) and in 2005, we put together a workbook.^{1a}

In his work on Astro-Psycho-Physics, diabetes was one area that Guy had not greatly addressed; since diabetes was present on both sides of my family, I decided to investigate this area myself. My incentive grew even more, as my research seemed to lead to the idea that the prelude to diabetes or diabetes itself, could well be a precursor to most major diseases.

I began my research by a review of literature, searching for references to diabetes. One source was Noel Tyl's *Astrological Timing of Critical Illness*²; while not claiming to be specialized in medical astrology, Tyl noted that among several thousand clients, over 80% of diabetics had strong Venus and Jupiter aspects.

In Rex Bill's *The Rulership Book*,³ diabetes and sugar are listed under Venus. Jupiter is listed under diseases caused by excesses; and for glycogen, a polysaccharide of glucose. Bills, in his index, shows diabetes ruled by Jupiter, Venus, Libra and "(Virgo-Mars)," parentheses are his. J. Lee Lehman, PhD, in *The Book of Rulerships*,⁴ lists Venus for diabetes, with Lilly and Ramesey as the historical sources. Citing Dariot and Lilly as resources, she states that sugar is ruled by Jupiter. Lehman has done an excellent job even to the point of showing agreements and disagreements of rulerships among eight sources.

For starters, about 25 % of several thousand charts in my database⁵ have Venus and Jupiter aspects. This result corresponds to the claim of Joseph Mercola, MD, that diabetes or pre-diabetes now strikes one in four Americans.⁶

Guy de Penguern's methodology includes a number of specifics. He makes much of Koch house cusps. He also makes an adjustment to the birth time since calculations based on the clock are really mean time and not real time. This makes a major difference with fixed sign births. The MC can be off by as much as 4°, but those born at high and low latitudes might have the Asc off by 10° or more.⁷

The 1st house is the house of life, and the 6th, the house of illness. Transits or directions to the 6th house cusp tell much about health. Penguern also makes the point that soft aspects may not be positive in interpretation; if you have a sextile with both planets in the signs of long ascension, they tend to be negative in their health interpretation. For additional information, he utilizes what he calls QOTZ, The Quantified Tropical Zodiac on the Organic Level, which is a listing of body parts by each degree of the zodiac, as shown in Table , page 40-41. Although Guy obtained this information from Robert Jansky, according to Guy, Dr. Koch developed it from old sources about 80 years ago, and made

minor changes with input from colleagues, such as Elspeth and Reinhold Ebertin. You can see body connections by degree in the Solar Fire Interpretative Report. With a 3° orb, information is lacking from the neighboring degrees, so it is much easier to work from a table of the degrees.

These degrees are activated by conjunction and *sendings*⁸; Morinus is the main source for *sendings*. The most powerful sending is the polarity or opposition. You will see manifestations later in life by transits, progressions, solar arcs, and solar returns. Guy also uses the Kepler program to see minor aspect sendings. He also pays much attention to the 165° aspect,⁹ which he claims is evil for health.

I have found that you can be confident about accuracy of diabetes prediction by over 90% with the use of several additional techniques:

- 1.) Use declinations as well as longitudes, utilizing about 90 days for a lifetime of secondary progressions. Create ephemerides for this. Use progressed to radix and progressed to progressed (Venus and Jupiter) connections. Note a parallel or contra-parallel between Venus and Jupiter. Use a 1° orb. As declination nears the bounds of the ecliptic, you must narrow the orbs. Charles Jayne is a source for an explanation of declination orbs.¹⁰ For longitudes, use 1° applying to exact.
- 2.) For timing, check Solar Arc and Solar Returns.
- 3.) For Solar Return, run precessed return. Place precessed angles on regular Solar Return and start houses from the precessed ascendant.
- 4.) Check the family history. If there is diabetes on both sides of the family with the Venus and Jupiter aspects, the potential to develop diabetes rises.

5) Look for The Metabolic Syndrome (TMS).¹¹ Diagnosis of TMS requires that at least three of the following to be present:

- a) Excessive waist circumference (more than 40" for men and 35" for women).
- b) Serum triglyceride (blood fat) greater than 150 mg/dL or 1/10 of a liter.
- c) Good cholesterol (D\HDL-C) less than 40mg/dL in men and less than 50 mg/dL in women.
- d) Elevated blood pressure (higher than 135/85).
- e) Fasting blood glucose over 99 mg/dL.

The good news is that in many cases, the onset of TMS and diabetes may be reversible by adapting a change in lifestyle. The two major affecting components are eating habits and lack of exercise, thus adequate changes in these two areas, may well do the trick. Included in Table 2 (page 42) is a list of questions that provide clarity with a subjective point count on the changes that can be made. Following the quiz is a list of supplements that also may be helpful.

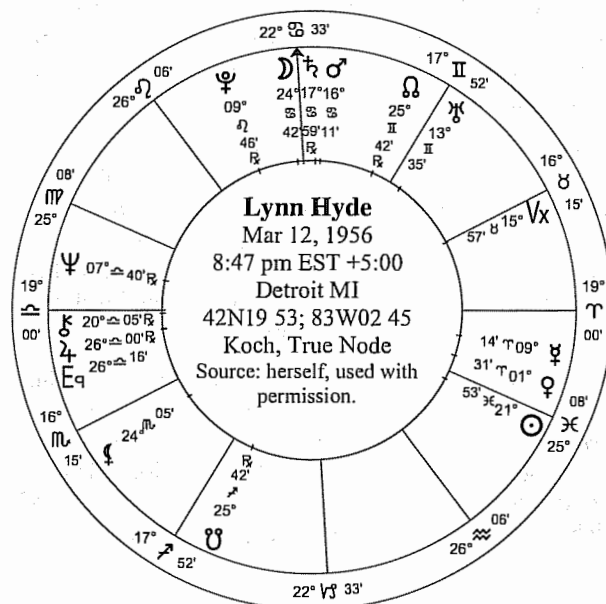
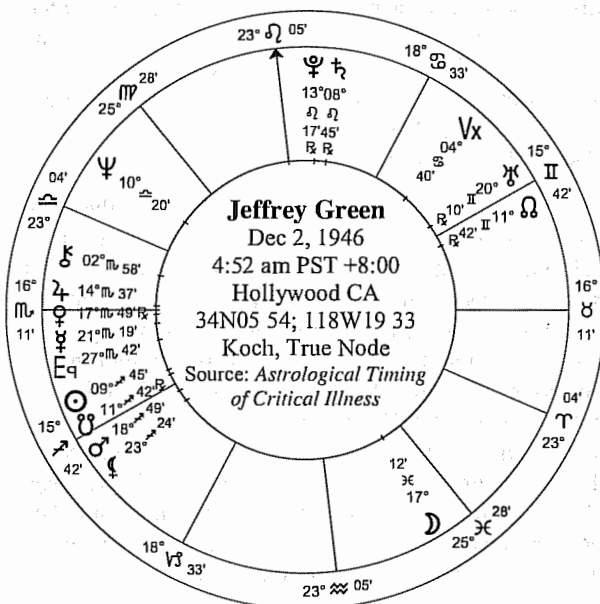
Please note the methodologies stated herein are suggestions. I am not a licensed health professional. For further clarity, these suggested claims must be double-checked with an appropriate licensed professional.

Case Examples

Following are case examples that demonstrate this methodology.

Jeffrey Green

Note Venus conjunct Jupiter, 3°12' applying, sandwiching the ascendant. Venus is retrograde, and goes direct at age six. Secondary Jupiter is conjunct radix



Venus at age 15. At 28, progressed Venus is parallel radix Jupiter. Progressed Jupiter is parallel radix Venus. At 42, progressed Venus is parallel progressed Jupiter. I believe there was a definite issue at that time. Quoting from Tyl, page 260: *“Warned by his father, Jeffrey began to combat the onset of diabetes with special herbs and diet control. Sure enough, in his forties, Jeffrey started to develop diabetes, was diagnosed as borderline, but by continuing his combative measures, he has held the condition at bay.”*

Lynn Hyde

While Venus and Jupiter have no traditional aspect, there is a strong natal Venus parallel Jupiter within 5'. She maintains that an auto accident triggered a stress condition which caused the diabetes at age 10. I feel that progressed Jupiter at that time, coming to an exact inconjunct to the Sun on the cusp of the 6th, was indicative. Jupiter in domicile was also the ruler of the 6th and the dispositor of the Sun. Note that the 1st house is the house of health and the 6th, of illness.

Paul Passenger

Passenger's birth time and place is unknown; his death (Jul. 18, 2005) and birth dates are from the Miami Herald. His chart is set for Noon in Miami, Sun on Asc. From the newspaper article, it was found that the onset of Type 1 diabetes was 52 years before his death, or in 1953. Natal Venus was parallel Jupiter 0°01'. Nataly, Venus also by longitude was conjunct Jupiter, square Neptune; while Venus and Jupiter were at the polarity of the pancreas degree. This was the first chart that I found from the newspaper when I decided to start this work. By secondary progression at death, Venus squares Uranus, and Jupiter is inconjunct to it. By

direction at death, Pluto is approaching a conjunction to natal Neptune opposing Mars, all square to the pancreas degree; directed Neptune forms 165° or a 11/24 aspect to natal Uranus; and directed Saturn is conjunct the radix South Node.

Although anecdotal at this time, I believe that Venus conjunct or parallel Jupiter is a strong indication of Type 1 diabetes; any connection to the diabetic degrees with these strongly appears to increase insulin resistance.

Anthony Mansollilo

Source: DD on time.

Using solar houses (Sun on the 1st), the ascendant is 15Le53. Venus and Jupiter form a wide separating inconjunct at birth; Venus is contra-parallel Jupiter within 1'. At 33 years, when the diagnosis was made, progressed Venus made a 165° or 11/24 aspect to radix Jupiter, 1°02' applying on his birthday.

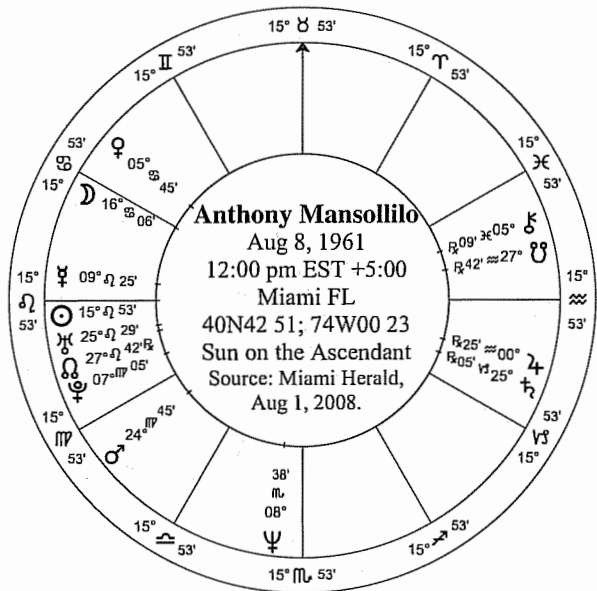
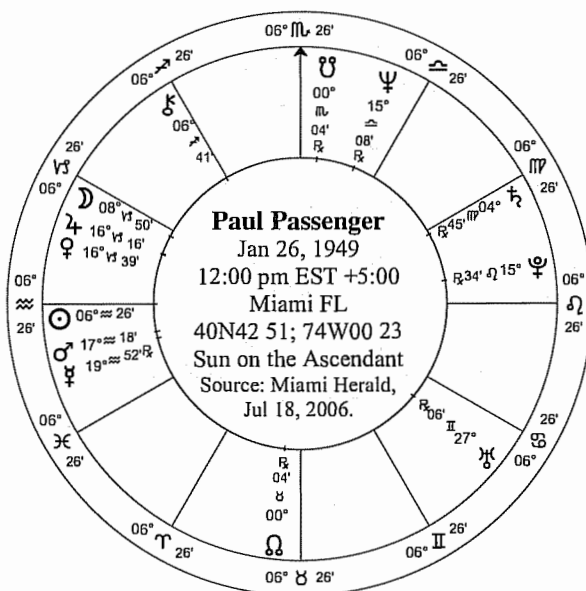
Rocky Aoki

Source: DD on time.

Using solar houses again, the ascendant is 15Li10. Natal Venus has a separating square to Jupiter, 4°42'. Progressed Jupiter squares natal Venus five years before death. Jupiter is inconjunct Neptune at birth less than 1° applying. Maybe this is the hepatitis C and cirrhosis signature. Natal Neptune is definitely on the liver area by QOTZ (see Table 1, page 40-41).

Henry Mancini

Mancini died Jun 14, 1994, Los Angeles, CA from pancreatic cancer. It was not until I saw information on his death that I looked at his chart. Note that natal



Venus is separating from an opposition to Jupiter by 8°.

When Jupiter at death is progressed to natal Venus, it is applying to an opposition by 1°15'; applying to progressed Venus by 0°20' as an inconjunct; and also as an inconjunct to Pluto by 1°00'. Venus spent the last several years at the pancreatic degrees by stationing retrograde. The connection between diabetes and pancreatic cancer exists by degrees noted in Table 1.

Waylon Jennings

Jennings died Feb. 13, 2002, Chandler, AZ from diabetic complications. Note that there is no traditional aspect between Venus and Jupiter. However, the 1st house of life is ruled by the Sun, which is semi-squared by Venus (00°02', separating) and forms an inconjunct

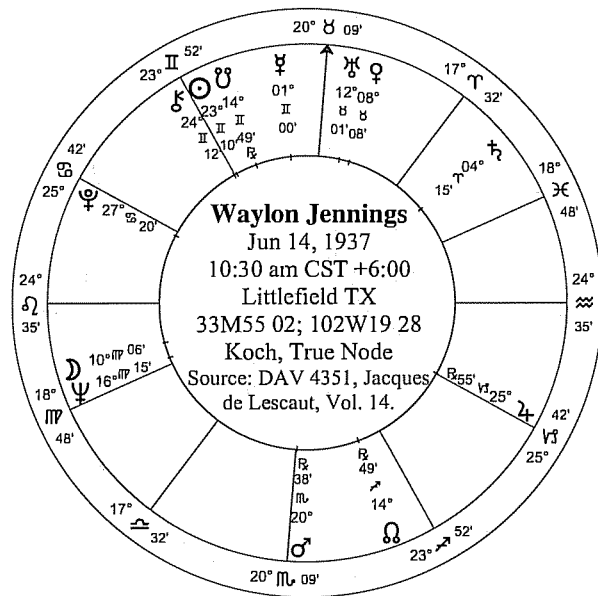
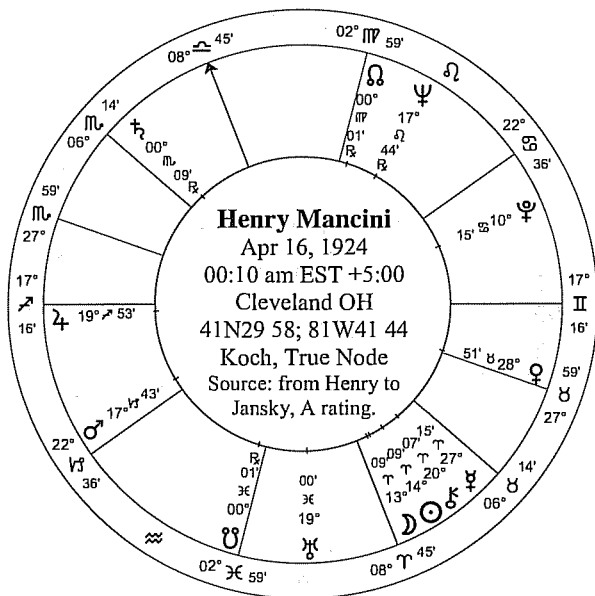
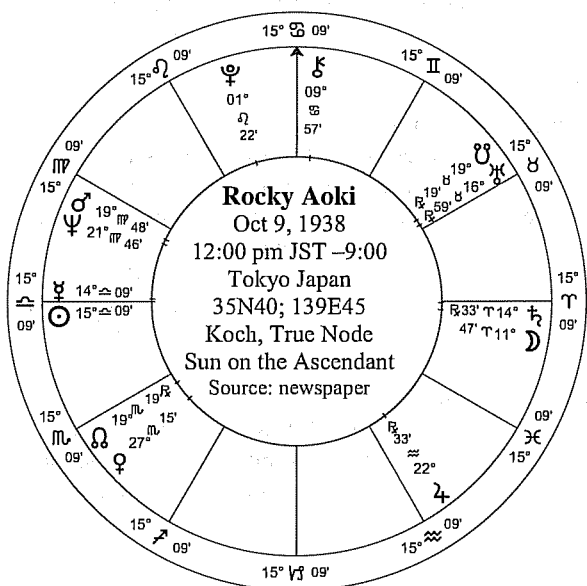
to Jupiter (02°46', applying). This may be interpreted as a threat or promise of a lack of vitality. At death, note that progressed Jupiter (18Cp35, in its fall), is in opposition to Venus at 15Ca19 (the pancreatic degree), both falling on the MC-IC axis, along with the Uranus/Neptune midpoint. Jupiter pulls all together with its grand trine to Neptune (17Vi49) and Uranus (13Ta41) positioned on the cusp of the progressed 8th, while transiting Mars/Saturn is conjunct Uranus at 13Ta22.

Art Buchwald

Note the natal T-square between Jupiter (15Cp19, in its fall) opposite Pluto (14Ca44, on the pancreas degree) square Mars (14Li17, on the renal arteries degree), then the wide parallel between Venus and Jupiter, 1°27', separating. At death, there is another T-square by secondary progression: Venus (24Aq51) opposite natal Neptune (24Le17) and both square Saturn (23Sc36). The Venus-Neptune opposition falls on the natal 2nd and 8th houses; while by solar return, Mars is on the precessed ascendant and Neptune on the precessed IC.

Marcello Mastroianni

Penguern uses a 3° orb, thus natal Pluto at 13Ca30 is a pancreatic cancer significator. Pluto is also on cusp of the 8th, partile inconjunct to Jupiter (04Sa09) on the ascendant while Venus is trine Jupiter. In the directed chart at death, Venus/Neptune equals natal Saturn; directed Uranus in the 6th is inconjunct natal Saturn. In the solar return at death, the Uranus/Neptune midpoint is on the precessed 8th cusp, while Jupiter of the 6th is on the precessed 7th cusp. The secondary progressed midpoint of Mars/Saturn, a death aspect, is at 16Cp26 opposite the diabetic degree and the secondary 8th cusp falls on natal Pluto. The secondary progressed mid-



point of Mars/Neptune (illness) is at 07Ge50 conjunct the progressed IC.

Rex Harrison

Harrison died Jun 2, 1990 in Manhattan of pancreatic cancer. Natal Uranus (15Cp59) is opposite natal Neptune (12Ca10), sandwiching the ascendant-descendant axis square the Moon (17Ar16). At death by secondary progression, Venus is opposed Uranus 00Ar43; directed, Venus is conjunct natal Neptune, with the latter forming a 165° aspect to the natal Moon.

Patrick Swayze

Natal Uranus is at 16Ca41 square Saturn and Neptune. By progression to the announcement of Swayze's illness (diabetes), Venus opposes Jupiter (00°17', applying). By direction, the Saturn/Neptune midpoint

equaled the Sun in the 12th house (hospital), while the Nodal axis is on the MC-IC axis.

Rocky Aoki, Anthony Mansollilo and Patrick Swayze were the most recent and only announcements and newspaper clippings used since I decided to publish this paper.

The quiz in Table 2 (page 42) is helpful for tamping down The Metabolic Syndrome (a major factor for diabetes) and is good for prevention of disease in general. A basic rationale is: Highly processed foods, those most commonly eaten, contain many pro-inflammatory substances. If you are not very careful about what you eat, you likely consume large amounts of pro-inflammatory foods.

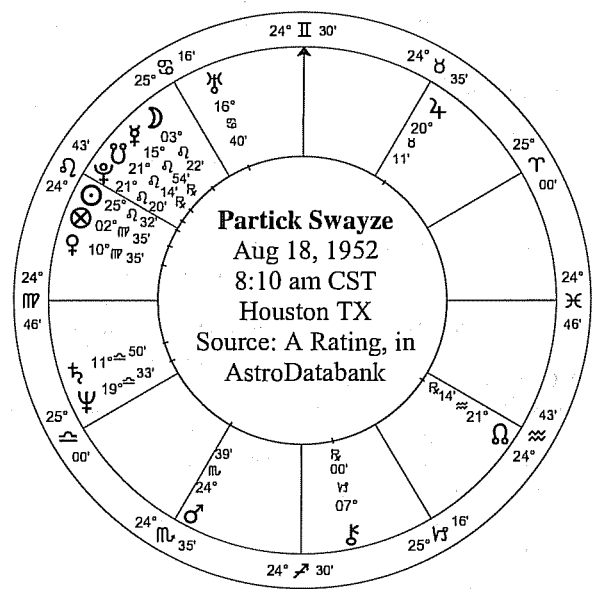
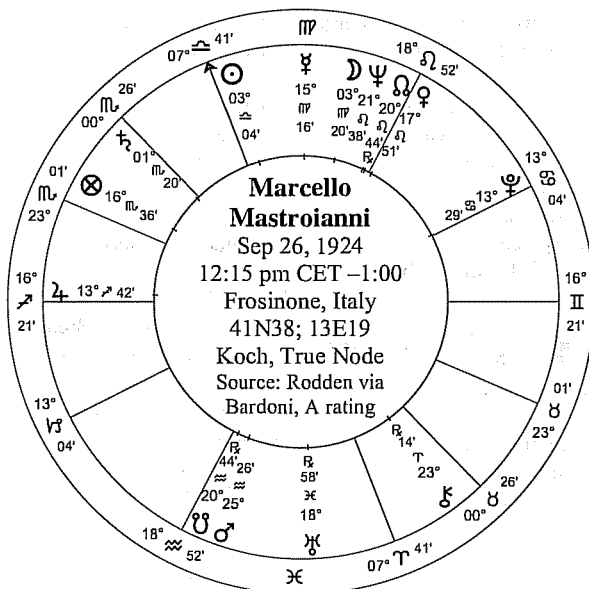
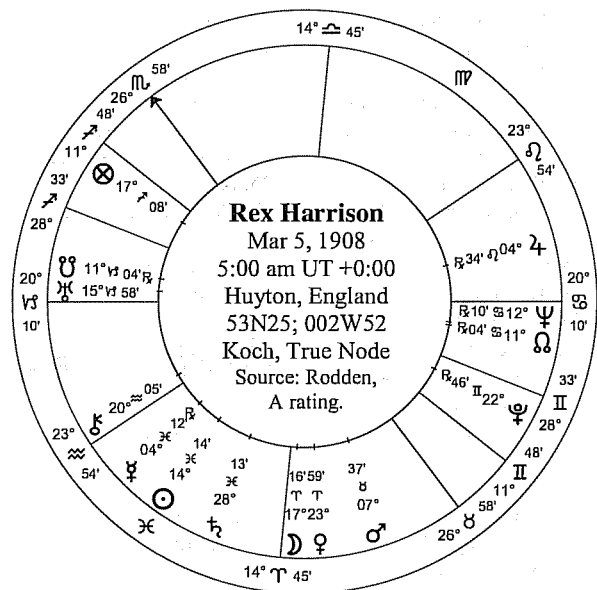
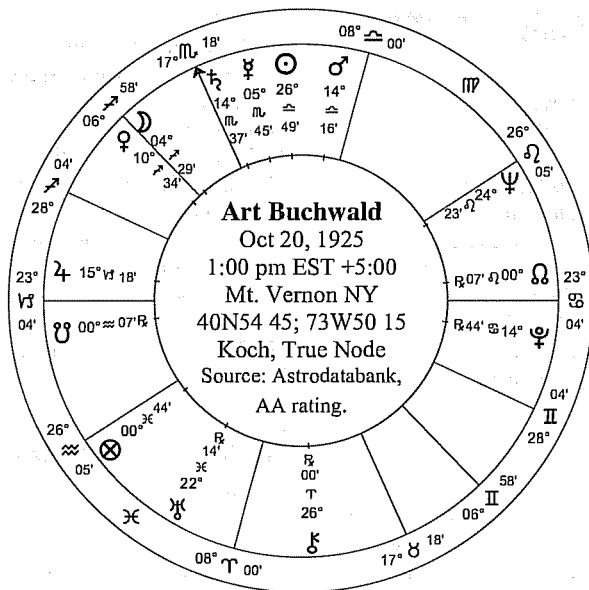


Table 1 - The Quantified Organic Tropical Zodiac (QOTZ)¹²

Translated by Mary L. Vohryzek from *Anatomische Entsprechungen de Tierkreisgrade*
by Elspeth and Reinhold Ebertin

Aries

1. Cerebrum
2. Mid-brain-mesencephalon
3. Cerebellum (abscess)
4. Pineal Gland
5. Right or Left Eye - (hair)
6. Orbital Cavity
(socket of eye)
7. Ear (Jaundice)
8. Cheekbone
9. Eyeballs
11. Optic Nerve
12. Tongue (hair)
13. Corpus callosum
(band of nerve fibers)
Rheumatism
14. Frontal Lobes (brain)
15. Lateral lobes, stroke,
suicide
16. Pons Vareli
17. Spinal cord canal
18. Nerve connections
19. Corpus callosum cerebri
20. Hyoid bone
21. Eye muscle
22. Cheek muscle
23. Masticatory muscle
24. Zygomatic muscle
25. Sternocleidomastoid
muscle
26. Skull
27. Fornix (Tuberculosis)
28. Fornix (hair)
29. Auditory canal
(bronchitis)
30. Parotid gland

Taurus

0. Throat or gullet
1. Palate
2. Opening of throat
3. Uvula
4. Throat or larynx space
5. Larynx
6. Vocal cords
7. Cervical nerves
8. Jugular vein
9. Cervical vein (alcoholism)
10. Neck nerves connecting
with the spinal cord
(Neurasthenia)
11. Neck nerves connecting
with the spinal cord
(Neurasthenia)

12. Neck nerves connecting
with the spinal cord
(Neurasthenia)
13. Neck nerves connecting
with the spinal cord
(Neurasthenia)
14. True vocal cords
15. Epiglottis
16. Abscess carotid artery
17. Thyroid gland, tonsils
18. Lymph vessels
(appendix)
19. Maxillary artery
20. Occipital bone (goiter)
21. Sinus artery
22. Hyoid muscle
23. Teeth (rheumatism)
24. Upper jaw
25. Lower jaw, alcoholism
tonsils, glands, suicide
26. Nasal bone
27. Cervical vertebrae
28. Trigon
29. Trigon, (visual sense)
30. Trapezius

Gemini

1. Trachea
2. Esophagus
3. Upper right pulmonary
lobe (appendix)
4. Lower right pulmonary
lobe anxiety, pulmonary
inflammation
5. Upper left pulmonary lobe
6. Lower left pulmonary lobe
anxiety, lung infection
7. Apex of the lungs, heart
8. Eyesight, bronchial tubes
(bronchial system)
9. Pulmonary artery,
rheumatic fever
10. Hilus
11. Thymus gland
12. Tracheal mucosa
13. Pulmonary veins
14. Clavicle (collarbone)
15. Scapula (shoulder blade)
16. Pleura
17. Bright's disease (kidneys)
1st rib
18. Asthma second rib
19. Laryngeal muscles
20. Third rib

21. Arm muscles
22. Upper arm appendicitis,
insanity
23. Spine
24. Elbow
25. Radius, gout,
neurasthenia
26. Wrist bones, suicide
27. Phalanges (fingers)
28. Metacarpal bones,
tuberculosis
29. Fourth rib
30. Fifth rib

Cancer

1. Sixth rib
2. Seventh rib
3. Eighth rib, visual sense
4. Ninth rib
5. 10th to 12th rib
6. Diaphragm
7. Thoracic canal
8. Hyacus paralysis
9. Pylorus
10. Gastric fundus
11. Gastric veins
12. Large gastric curvature
13. Same as 12
14. Stomach walls
15. Gastric nerves
16. Pancreas
17. Pancreas lobe opening
into common lobe duct
19. Head of pancreas
20. Upper arterial
21. Lower arterial fever bend
22. Gastric mucosa
23. Gastric blood vessels
24. Blood vessels of
25. Digestive organ
26. Mammary
27. Glands
28. Rib cartilage
29. Spleen
30. 12th dorsal vertebra

Leo

1. Left coronary artery
2. Aorta
3. Right artery
4. Left carotid
5. Right carotid

6. Entrance of pulmonary
artery, eyesight
7. Left coronary vein
8. Vena cava, anemia,
hearing
9. Upper vena cava,
alcoholism
10. Jugular vein
11. Clavicular vein
12. Spinal column
13. Right heart chamber
14. Left heart chamber
15. Right atrium
16. Left atrium
17. Right auricle
18. Right cardiac cavity
19. Ventricular septum, spine
20. Mitral valve, heart
21. Left atrium
22. Left auricle, appendix
23. Left auricle, rheumatism
24. Papillary muscle
25. Pericardium, alcoholism
26. Myocardium
27. Tendons to goiter
28. Heart valve
29. Cardiac septum, neuritis
30. Back in general

Virgo

1. Duodenum
2. Small intestine
3. Cecum (appendix)
4. Ascending colon, asthma
5. Transverse colon
6. Descending colon
7. Rectum
8. Abdominal cavity
9. Right hepatic lobe,
Rheumatic fever
10. Left hepatic love
11. Ligament of trietz
and gall
12. Abdominal aorta
13. Hepatic arteries
14. Gallbladder artery
15. Wart hump (lit.) Breast?
May be in liver area
16. Hepatic groove
17. Abdominal muscle
18. Serrate groove
19. Left hepatic groove
20. Bile duct
21. Gall bladder duct

22. Gall bladder
23. Hepatic cartilage, spine
24. and tendons of liver
25. Liver, cancer, gout arthritis
26. Abdominal vein
27. Hip veins, tuberculosis
28. Hepatic veins
29. Back lobes of liver
30. Hepatic duct

Libra

1. Kidney, pelvis
2. Renal cortex
3. Adrenals (abscess)
4. Kidney surfaces, goiter
5. Malpighi's pyramid
6. Pubis
7. Jaundice, nervous system
8. Of the kidney penis, Bartholin's
9. And gland, goitre
10. Renal Pelvis
11. Same as 10
12. Left renal system
13. Right renal system
14. Left inguinal gland
15. Right inguinal gland
16. Renal arteries
17. Adrenal arteries ovarian ducts, kidney illness
18. Fatty capsule of kidneys
19. Great renal calyx
20. Small renal calyx
21. Renal hilus
22. Renal veins
23. Adrenal veins
24. Vascular circulation
25. Of the renal cortex
26. Vascular system
27. Of the skin, TB
28. Urinary bladder
29. Right ureter, bronchitis
30. Left ureter

Scorpio

1. Urethra opening
2. Urethral meatus
3. Prostate, uterus
4. Testicles, right side uterus
5. Testicles, left side uterus
6. Right epididymis, uterine cavity
7. Left epididymis, right fallopian tube
8. Scrotum, left fallopian tube
9. Spermatic duct, vagina
10. Corpus cavernum oesum
11. Penis, labia majora

12. Seminal vesicles
13. Vulva, labia minora, glans penis
14. Foreskin, prepuce
15. Cowpers gland
16. Coclear head, right ovary
17. Testicular lobes, right ovary, abscess
18. Efferent ducts hymen, left ovary
19. Uterine ligaments, Haller's Netz
20. Ligaments of penis, Bartholin's gland, goitre
21. Sphenoidal cavity
22. Ethmoid bone and ligaments
23. Nasal bone
24. Nasal septum
25. Coccyx, tonsils, ovarian ducts
26. Perineum
27. Anus
28. Mucous membranes
29. Same as 28
30. Nasal muscles

Sagittarius

1. Pelvic bone
2. Ilium, hip bone
3. Ishchium
4. Femur
5. Right large femoral artery
6. Left large femoral artery
7. Right surface femoral artery
8. Left surface femoral artery
9. Rt. Lymphatic vessel
10. Lt. Lymphatic vessel
11. Adductor muscle
12. Lg Tibial vein
13. Rosen vein
14. Surface femoral vein
15. Right hip veins
16. Left hip veins
17. Sciatic nerve
18. Right femoral (kreiser)
19. Left femoral (kreiser)
20. Right head of femur
21. Left head of femur
22. Right trochanter
23. Left trochanter, spine
24. Hollow of knee, popliteal fossa-Cartilage
25. Condyle of right femur, gout, Neurasthenia
26. Condyle of left femur
27. Gluteal muscles
28. Right leg muscle
29. Left leg muscle
30. Pear shaped muscle

Capricorn

1. Right patella
2. Left patella
3. Cutaneous nerves of upper leg
4. Cutaneous nerves of tibia
5. Cutaneous nerves of knee
6. Right adductor muscle
7. Left adductor muscle
8. Lymph vessels of knees Paralysis
9. Veins of knees
10. Ligaments of right knee
11. Ligaments of left knee
12. Right knee joint
13. Left knee joint
14. Right knee cartilage
15. Left knee cartilage
16. Right knotty protuberance
17. Left knotty protuberance
18. Right ligaments of knee
19. Left ligaments of knee
20. Tendons of right knee
21. Tendons of left knee
22. Muscle endings
23. From upper to lower legs
24. Same as 23
25. Connections between femur
26. and tibia
27. Deep lying nerves
28. Artery of right knee
29. Artery of left knee
30. Adductor muscles

Aquarius

1. Right shinbone nerve Fatty degeneration
2. Left shinbone nerve
3. Right fibula
4. Left fibula
5. Nerve of right fibula
6. Nerve of left fibula
7. Vein of lower right leg
8. Vein of lower left leg
9. Skin of right lower leg
10. skin of lower left leg
11. Right crural band
12. Left crural band
13. Artery of right lower leg
14. Artery of left lower leg
15. Lymph vessel of right lower leg
16. Lymph vessel of lower left leg
17. Bright's disease of the spinal cord
- 18, 19, 20 & 21 Same as 17

22. Right gastrocnemius, appendix
23. Left gastrocnemius
24. Right tibial muscle
25. Left tibial muscle
26. Right fibula
27. Left fibula
28. Right tibia
29. Left tibia
30. Connections

Pisces

1. Right heelbone
2. Left heelbone
3. Nerves of the right foot, appendix
4. Nerves of the left foot, asthma
5. Right cuboid bone
6. Left cuboid bone
7. Right anklebone
8. Left anklebone
9. Right metatarsus, rheumatic fever
10. Left metatarsus, typhoid fever
11. Lymph vessels of feet
12. Artery of right foot
13. Artery of left foot
14. Right surface veins
15. Left surface veins
16. Cruciate ligaments of right foot
17. Cruciate ligaments of left foot
18. Right extensor digitorum (toe extensor)
19. Left extensor digitorum
20. Right fibular muscle
21. Left fibular muscle, typhoid fever
22. Achilles heel of right foot, appendicitis
23. Achilles heel of left foot, spine
24. Right capsular joint
25. Left capsular joint, cancer, gout
26. Nerves of the lower feet
27. Phalanges of right foot, nephritis
28. Phalanges of left foot, tuberculosis
29. Toe nails of right foot
30. Toe nails of left foot

There are some psychological connections with body parts. Mostly, these are omitted as this work focuses on physical manifestations.

Table 2- Quiz - What Are Your Current Eating Habits?¹³

Eating Habits at Home

- Do you or your significant other cook with corn, peanut, sunflower, safflower or soy oil as opposed to olive or grapeseed oil? *Add 3 points* _____
- Do you eat a prepackaged microwave meal that provides a full meal as opposed to only frozen vegetables more than once a week? *Add 1 point* _____
- Do you eat any foods packaged in boxes, such as ready-to-eat cereals, flavored rice, meat extenders, and other boxed foods, more than once a week? *Add 1 point* _____
- When you eat at home, do you use bottled salad dressings, containing soy, safflower oil or partially hydrogenated fats, opposed to olive oil? Check label. *Add 2 points* _____
- Do you eat pasta, bread, or pizza, one, some or all three daily? *Add 2 points* _____
- Do you eat baked goods such as cookies, coffee cakes, other cakes, doughnuts, packaged brownies, cakes or similar food products at least once a week? *Add 2 points* _____
- Do you use margarine instead of butter? *Add 2 points* _____
- Do you eat a lot of hamburgers? *Add 1 point* _____
- Do you dislike eating fish? *Add 1 point* _____
- Do you drink regular (sweetened) soft drinks or add sugar to your coffee or tea? *Add 1 point* _____

Eating Habits in Restaurants

- Do you eat at fast food restaurants, such as McDonalds, Burger King, KFC, Taco Bell or others at least once a week? *Add 2 points* _____
- Do you eat at Chinese restaurants more than once a week? *Add 2 points* _____
- Do you eat restaurant pasta or pizza at least once a week? *Add 2 points* _____
- Do you eat breaded and fried fish or deep fried shrimp more than every week or two? *Add 2 points* _____
- Do you eat French fries? *Add 2 points* _____
- Do you eat mostly beef? *Add 1 point* _____
- If you eat beef, is hamburger your favorite type? *Add 1 point* _____
- Do you order soft drinks when you eat out? *Add 1 point* _____

Your total score _____

Interpretation and ranking:

- 0-2 Low - You are eating a low inflammation diet, which is the best way to protect yourself from chronic inflammation.
- 3-5 Moderate - You are eating a moderate inflammation diet, which may set the stage for chronic inflammation.
- 6-19 High - You are eating a high inflammation diet, which substantially increases your risk of inflammatory diseases.
- 20+ Very High - You are eating a very high inflammation diet, which greatly increases your risk of disease.

Supplements

In addition to correcting eating habits, below is a list of recognized supplements for TMS or Type 2 diabetes. They are recommended for other health issues and overlap many areas of concern as well. I do not have the laboratory studies for backup, but you might want to consider researching these supplements with your nutritionist. Investigation of the Glycemic Index and Autonomic Nervous System are further aids to improving diet. Homeopathy and other alternative approaches have not been included because of limited space. *Supplements must be checked with a health professional for type and dose.*

Biotin¹⁴

EPA/DHA (fish oils) 1,400 mg eicosapentaenoic acid and 1,000 mg docosahexanoic acid; helps increase fluidity of cell membranes and enables insulin to move glucose into the cells more effectively.^{15: 34-41}

Chromium 200 mcg 2 or 3 times daily with meals for TMS, 300 mcg 3 times a day for diabetes.^{15: 42-44}

White Bean Extract (*Phaseolus vulgaris*) 445 mg of white bean extract twice daily in overweight adults led to a 6.4 pound weight loss (while maintaining lean body mass) after 30 days compared with only 0.8 pounds in non-treated subjects.^{15: 45}

DHEA 15-75 mg daily.^{15: 46}

Vitamin D3 1,000-4000 IU/day.^{15: 47-50}

Magnesium 320-420 mg/day. Improved sensitivity to insulin is generated by magnesium and can dramatically reduce triglycerides by as much as 75 mg/dL.^{15: 51-56}

Flavenoids—polyphenols from green tea, cocoa and apples.^{15: 58-70}

Resveratrol.^{15: 70}

There are other supplements listed in various sources which also add the following for TMS and Type 2 diabetes: Alpha lipoic acid, Vanadyl sulfate, Coenzyme Q10, Carnosine, Conjugated linolenic acid, L-carnitine, Vitamin E, Vitamin C, Arginine, Glutamine, and N-acetyl-cysteine.¹⁶ ✕

Endnotes

- 1 Astro-Psycho-Physics—this term stands for Astronomy-Psychology-Physics.
- 1a De Penguern, G. H. *Institute for Teaching and Research in Astro-Psycho-Physics Workbook*. FL: Richard Nelson, 2005.
- 2 Tyl, Noel. *Astrological Timing of Critical Illness*. St. Paul, MN: Llewellyn Publications, 1999.
- 3 Bills, R. *The Rulership Book*. Richmond, VA: McCoy Publishing and Masonic Supply Co., Inc., 1971.
- 4 Lehman, J. L. *The Book of Rulerships*. West Chester, PA: Whitford Press, 1992.
- 5 There was an ease in picking up many charts of people who died of diabetes or had it listed as the main cause of death. The disadvantage is not being able to talk to them, regarding onset, reaction to diagnoses, and other complications. Accurate birth time charts were available in quantity from Horoskopdatenbank des DAV, Lois Rodden's *Astrodata I-IV*, and *Profiles of Women*. For charts with no birth time, a major source was the International Movie Data Base and newspaper articles. When a notable passes on, it is an easy matter to get birth dates, birth place and deaths. It is easy in this case to see Venus-Jupiter relationships in spite of birth time. I am now trying to gather as much as possible from living clients and contacts, not only for the birth times, but also for how their current health is.
- 6 See www.mercola.com. His source was www.physorg.com, June 25, 2008.
- 7 Nelson, Richard. "Should We Use Mean Time or True Time?" *The Other Dimension*, Vol. 12, No. 3, (2007). The equation of time makes it possible to pass from a system based on the mean solar time to a system based on true solar time. The equation is the formal difference between clock time (Greenwich Mean Time) and Sun time (apparent solar time). It was created as the result of the true annual time discrepancy caused by a combination of Earth's tilt (angle of obliquity) and the fact that Earth's orbit around the sun is an ellipse and not a circle. I first became aware of the equation when I came out of the Nice, France, bus station and saw a big sundial. The equation was listed on the sundial. I paid no further attention until Guy made a point of it. As an example, Prince Charles was born at 9:14 PM on November 14, 1948, a leap year. Tables of corrections start with a leap year and give slight changes for each year following. The adjustments are different by seconds for the following years because of the extra day added in the leap year. If you look up November 14 in the leap year table, the adjustment is minus 15'31". That gives a real birth time of 8:58:29 pm. This table is on my website, www.myachillesheel.com. Go to Table F for leap years. Table G will give the adjustments for the year after the leap year, two years after the leap year and three years after the leap year. If you Google the equation of time, you will see a site called sundials on the internet which gives an explanation, a time curve and tables. NOAA sometimes gives a table where you can insert the date and the program will give an exact number to add or subtract. Sundials on the Internet is a great site. www.netcom/~abraxas-2/eot.html gives seconds for each day of the year, but anal types should note that because of leap years each following year is off by seconds. While birth times are not essential for diabetes investigations, they are for other diseases, such as cancer.
- 8 de Villefranche, M. *Astrosynthesis The Rational System of Horoscope Interpretation according to Morin de Villefranche*. (21st Book of *Astrologica Gallica*). Tr. by Lucy Little. NY: Zoltan Mason Emerald Books, 1974. *Sendings* is a concept more fully explored in De Penguern, G. H. *Institute for Teaching and Research in Astro-Psycho-Physics Workbook*. FL: Richard Nelson, 2005, p. 31. Guy de Penguern's exact translation from 21st Book of *Astrologica Gallica*, *The active celestial objects and their inert sublimentary determination*, is as follows:

"The position where the Sun appears, for example, at the birth of a man or an animal holds for the whole time this individual will live, and only as far as he is concerned, the solar nature. In the same way, the position occupied at that moment, by Saturn, the Saturnian nature, etc. These positions function as far as that person is concerned, for his whole life, by the way of the planets from which these determinations proceed. And not only the position in the sky occupied by Saturn itself, for example, is determined towards the Saturnian nature, but also the positions where are its antiscia and where its opposition ends, and all its other aspects as well. Dexters and sinisters on all these positions will be kept in relation to the individual Saturnian virtue."
- 9 Guy comments on the above:
"What does that all mean? That with 11 planets [Guy uses Chiron as well as the outer planets] including the sun which is a star, but we call it a planet for the ease of discourse—as many aspects as one uses in his or her astrological work, we have either 152 positions of the zodiac where there is the influence of each of the planets involved in the sending. That, of course, fills in the houses desperately devoid of information where there is no planet at all. This technique, that I have been using for 24 years now, when my only teacher, Mr. Gustave Arciveaux of Marseille, France showed me the astonishing results and that is not an astonishing hypothesis, as Watson wrote, in his late book, about our spirit-mind-intelligence."
- 9 Reeves, R. *The Quindecile*. St. Paul, MN: Llewellyn Publications, 2001. The quindecile is a misnomer. All multiples of 15° are quindeciles. This is why I mention either 165°, 11/24ths, etc.
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- 11 Kurzweil, R. and Grossman, T. *Fantastic Voyage*. New York, NY: Plume (Penguin) 2004, p.127, Chapter 9, note 13. TMS was initially described by Dr. Gerald Reaven in 1988. Reaven initially called it *metabolic syndrome*. See Reaven, GM. 1988, "Banting Lecture: Role of insulin resistance in human disease." *Diabetes*. 37: 1595-1607. As of October 2003, according to the ICD-9-CM (International Classification of Disease), it should now be called *dysmetabolic syndrome X* or *dysmetabolic syndrome*, but because *metabolic syndrome* is more commonly known and used, we will continue to use the old nomenclature.
- 12 This list is also found in the Spring, 2006 issue of *Geocosmic Journal*, pp. 90-91. The title of this table is Guy's nomenclature. The body parts are activated by sendings, hence his addition of Tropical Organic.
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Richard Nelson was educated at the University of Illinois and Northwestern Graduate School of Business. He divides time between a chemical engineering business and astrological research focused on diabetes, cancer, heart and circulation problems found in the natal chart and manifested through various chart advancement techniques. His interest in astrology began when he was hired by virtue of his birth time in the early 70s, and he has been studying, researching and teaching ever since. The President of the NCGR's Florida Atlantic Chapter since July, 2007, Richard can

The Dark Knight of the Soular Return

by Roxana Muise

First presented at UAC 2008, this technique originated by Roxana Muise yields how to shine light on the darkest area of one's year that tends to occur just prior to one's Solar Return. Clearly written and easy to follow, this is a most practical technique, and when applied offers the opportunity to reap multiple benefits.

A primary tool of astrological consultants and counselors is the Solar Return. It is a chart calculated for the current time and date when the Sun returns to its natal placement. Some consider it the most significant and useful transit chart that can be done for a client because it is deeply personal, and calls attention to the yearly cycle of the Sun.

Our Sun is primarily the most important object in our lives. It defines life from the hub of our planetary system. It is a component of our galaxy and its cycles and is CEO of our terrestrial interactive system, with measurements in at least four dimensions: longitude, latitude, declination and time. Our Earth is also important, as the provider of a life environment. Their interaction recognizes the Earth's axial tilt, and her variable distance from the Sun, which provide seasons and variable climate zones. These conditions on Earth generally repeat every time the Sun journeys throughout the zodiacal ecliptic¹.

Wherever you end a cycle, that is where a new cycle begins; wherever you begin a cycle, that is where the previous cycle has come to a close. One of the most used concepts of astrologers is *anticipation*. We look ahead with hope in the ephemeris at the transit cycles, and ascribe meaning to their mutual positions.

What we usually do with a Solar Return is map out the possibilities of the coming year. But, what of the yearly cycle that just concluded? Perhaps we can gain wisdom

by reviewing it. Did it live up to our expectations? Were things left unfinished? How can we know unless we consider it.

Let's examine the parts of a cycle: Rudhyar's classic description of the lunation cycle² gives us keywords for the phases between the Sun and the Moon in their monthly interaction. The lunar cycle, is divided into segments of eight (45°), because the eight phases are so readily identifiable in the sky by sky watchers. Not so with the Sun. There is difficulty visually locating the Sun because its brightness dominates the sky. So, we must use an ephemeris or a calendar, and since the Sun defines the zodiac, its cycle is divided into 12 parts (30°). If we look at the month before the Solar Return, it relates to the last 30° before the transiting Sun reaches its natal degree. This constitutes a 12th house aspect.

The last part of any celestial cycle has been defined as the balsamic phase, perhaps showing the need for healing and rest (balsam). Astrologers give it meaning with the terms, hibernation, isolation, release, withdrawal, turning away from worldly concerns, synthesis, last words, planting seeds of wisdom, recounting essentials and preparation for a new beginning. Often, we enter an emotional phase in the month before our birthday that is known spiritually as the *Dark Night of the Soul*. It is a time when one feels a surrounding darkness that only each individual can perceive, although close friends or family members might notice a behavioral difference.

A Solar Return is all about light—the shining of light on your life. The path of the Sun in astrology is associated with the soul's path through life. Rex Bills classic *The Rulership Book* gives the rulership of soul to house 5, the Sun, and the sign Leo³. “*The Solar light... instructs us in our hidden divinity and as Pico della Mirandola put it in the 15th century—our right to be proud co-creators of God's universe.*”⁴ “*The Sun symbolizes the essential self.*”⁵

We find that this symbolic 12th house segment of time before the birthday is a time of testing—perhaps a time when the soul offers the personality a chance to reaffirm its identity.

Throughout history, there are stories of the search for identity called *the dark night of the soul*. They are tales of quests where a knight's belief in self, and courage is tested as one journeys through a difficult period to attain a place of light or enlightenment. Sometimes the knight falls, only to rise again to continue the pursuit for the goal of his or her quest.

Many of the tales are parables, stories with symbolic meaning. Some are religious: the story of Adam and Eve in the Garden of Eden and their fall from grace; St John of the Cross, who was imprisoned for two years by his monastery for disobedience, and wrote two books of inspired poetry while he was there; Mother Teresa—who spent 45 years doing good works of charity, all the time feeling as though she was unworthy; and then there is the allegory of Jonah in the dark belly of the whale. Shamans-to-be experience a dark night while they develop their talents and prove their worthiness. The knight's quest is a dark time of testing and development of courage and awareness, and results in knighthood if one succeeds.

Spiritual principles or rituals, such as: incarnation (the fall into physical form), where the soul sets up experiences for testing; the meaning ascribed to the Fool in the Tarot; and Libra, the fall season, including the festival of *Samhain*, the beginning of the dark *half* of the year when early peoples took stock of their lives.

There are myths such as those of Pluto and Persephone; and Psyche and Eros. Nursery rhymes are full of such stories: Humpty-Dumpty, Jack and Jill, fantasy, science fiction movies and television give us analogies: the quest of Dorothy and her friends in *The Wizard of Oz*; all of the main characters in the TV series, *Babylon 5*; Batman's beginnings, and Robert from *The Da Vinci Code* (both had a fall into a well). Sometimes it is a test of one's belief in oneself, like Sophie from *The Da Vinci Code* (her beliefs and perspectives of truth relative to others).

Some are stories from real life: The stock market offers relative perspectives, e.g., during a bear market, some people realize gains; Newton's falling apple precipitated a discovery (gravity); Einstein's waves (his two relativity theories: time-gravity); or Chris Fenwick's 100th Human, based on the principle of Consciousness shifting through critical mass; Stanislav Grov's rebirthing process; and Bruce Lipton's discovery of the wisdom of the cell.⁶

All of these examples deal with an individual's search for truth, and their elevated status once they find it. So,

in astrology, the 30° before the Solar Return is equated with a time of testing, and the development of awareness in preparation for the *Knighthood of the Soular Return*—hence the metaphorical spelling of the phrase.

A Solar Return is all about light—it shines light on your life. If your awareness is open, the soul and the personality receive mutual feedback.

The dark knight chart is constructed for a moment 30 solar degrees before the Solar Return. The celestial patterns that occur between that chart and the Solar Return give us information about the possibilities available during the month before the birthday, and offer a synthesis of tests from the soul. If we look at them after the Solar Return, we can review what went on during that time. However, if we look at them before or during those days, we have choices about how we use those aspects.

Aspects are really energy quanta looking for a place to manifest. Attitudes are crucial. How we view the transits, and how we relate to them is important. Our attitudes help create our lives. Celestial phenomena, such as a station, a change of sign, a square, an eclipse or a parallel, aspecting our natal or transiting planets or angles can be viewed through a positive lens, and consciously used to make our paths more productive. Those DK (Dark Knight) aspects may also offer us warnings of issues to be finalized. It's important that we avoid seeing those aspects as energy that *happens* to us, and instead see them as gifts of energy for us to use with our creative skills.

Energy quanta are bundles of planet-sign-aspect combinations. Within the transits, there are at least 10 planets, 12 signs, and 5++ aspects. Against the background of each planet's cycles, they provide meanings for infinite possibilities. Using these ideas, we can discover some potentials of the Solar Return and what leads up to it. Nothing occurs in a vacuum. Each moment is built upon the energy of previous moments (quanta of initial conditions).

How many times have you heard someone say, "*If only I could take back what I did, or could have done it differently*"? This thought alone proves that there are alternate ways to look at an aspect. Maintain a positive outlook on all possibilities, not just the meanings others have projected, because what you focus on is what you are creating! Choices made without conscious awareness are still valid choices. That which we refer to as fate is the result of unconscious or undocumented choices.

How do I put a positive spin on the possibilities? One of the lessons I use for beginners is to have them begin creating their own keyword lists. If you haven't already done this, the process can provide you with a

shift in consciousness. As you look at cookbook keyword lists, take the most negative keywords and list their antonyms or opposite ideas. Soon you will have a list of constructive possibilities to use in your creative choices.

Your state of being is based on perception-perspective. Change your perspective and you change your state. *The Kybalion*⁷, a book of Universal Principles reads: “To change your mood or mental state— change your vibration.”⁸ and, for elevated awareness “Do not waste time trying to ‘kill out’ fear, but instead cultivate the quality of courage and the fear will disappear.”⁹ You can make your choices consciously using the very best possibilities that you can imagine.

You may notice that I have left out houses, which added to the planets, signs and aspects increase the already infinite possibilities. Houses provide the environment, which differs with each Solar Return. Have you ever noticed that in each succeeding Solar Return the Sun moves clockwise a quarter of the wheel? One rotation of Earth on its axis takes one day. A calendar year spans 365 days, while Earth’s orbit around the Sun takes 365.25 days. This means that at the end of every four years Earth would be astronomically one day behind in its orbit. Pope Gregory XIII resolved that difference in 1582 AD by adding up those quarter days and inserting an extra day at the end of February every four years. We call that fourth year Leap Year. The natal wheel describes your environment—your personal real estate. The interaction of the Sun and our Earth creates a four-year cycle for the Solar Return that adds possibilities for your growth, and a view of your life from a different perspective. Every four years the Sun returns to its natal quadrant.

The Dark Knight chart adds insight to each Solar Return. You can use the Dark Knight chart and period to:

- Shine light on the dark part of your current cycle
- Review a fractal¹⁰ synopsis of the year prior to the current Solar Return.
- Examine inner awareness of transiting aspects.
- Finish up loose ends for a fresh start.
- Create positive images for the coming year.

Dark Knight Technique

1. Solar Return (SR) chart. Evaluate SR chart for natal place with a SR chart for your relocated place, and decide which one serves you best. (See page 48 for relocation charts.)
2. Calculate a Dark Knight (DK) chart for 30 Solar degrees before the SR. (This can be done on several astrology programs by rectifying the SR chart.) Print a dual wheel with the SR chart in the center, and the DK chart around it.

3. Aspects by transit of the last 30 solar degrees before the SR. List any planetary phenomena between the DK and SR charts (see above). Evaluate these using the SR chart as a base. You will want to know what energies led up to the SR.
4. Assign meaning to these aspects, and relate them to the lessons of the previous year. See how they may prepare you for your *Soular Return*.
5. Examine the principles that support the SR, as well as identifying unresolved issues.
6. Create positive images and goals for the future as promised in the current SR.
7. Delineate the SR chart with fresh perspectives. The quadrant location of the SR Sun and the DK segment are most helpful in this process.
8. Reaffirm your Identity with the SR, noticing how you can best develop that part of your path in the coming year. Express your gratitude for lessons learned and knighthood achieved.

Sun in Solar Return Quadrants First Quadrant, Houses 1, 2, 3

Self-awareness

1. Focus on all levels of the self.
2. Put yourself in place of honor.
3. Plan *your* personal time first.
4. Stay centered.
5. Know your limits.
6. Recognize your comfort zone.
7. Identify your inherent values.
8. Know your true self-worth.
9. How does your job fit it?
10. Close aspects to natal and SR Sun color all SR years.

Second Quadrant, Houses 4, 5, 6

Exploring Your Immediate Environment

1. Physical surroundings, and emotional comfort.
2. Home base reflects values and past conditioning.
3. Create and support high self-esteem.
4. Create a supportive environment for next SR year.
5. Adequate support in your workplace?
6. Family relationships in immediate environment, include children and co-workers.

Third Quadrant, Houses 7, 8, 9

Relating to Peers

1. Connections to mates, colleagues, teachers, friends.
2. Appropriate responsibilities for shared partnerships.
3. How you appear to others.
4. Motivation, beliefs, values grow with relationships.
5. Interact with a variety of people at your own pace.
6. This can be a healthy transformation time.

Fourth Quadrant, Houses 10, 11, 12

Integrating with Society

1. Intellectual pursuits.
2. Goal-orientation.
3. Trust your inner experiences and insight.
4. See the bigger picture.
5. Humanitarian interests.
6. Working with others for the public good.
7. Avoid society's biased perspectives.

Relocating a Solar Return Chart

There are several philosophies for relocating a SR chart. Some feel that the SR chart stands alone, and if a location is found where the environment is favorable to the native's natal chart, or to the SR planetary phenomena, they will take a trip to that favorable location and

experience the SR there—the important issue is being present for the event. Others feel that the SR chart is part of the native's process, and that as soon as the native leaves that location, the SR chart defaults to the residence. In other words, the environment for the Solar Return changes if you move from that environment.

Another perspective deals with the native's bonding process with his or her birthplace or current residence. This prospective has yet to be tested, however it does seem to be a personal decision. The following example deals with a woman, who was born in Rabat, Morocco, and moved with her family to Sonoma, CA at age two weeks. She is an astrologer. She found that she relates more to her relocated chart (Chart 2) than to her natal chart (Chart 1). The Solar Return chart of 2008 seems to bear this out. We feel that she did not in fact bond with her birthplace.

Chart 1

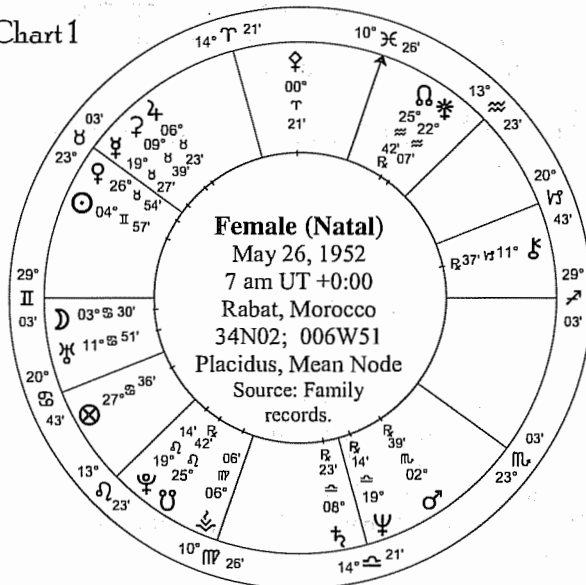


Chart 2

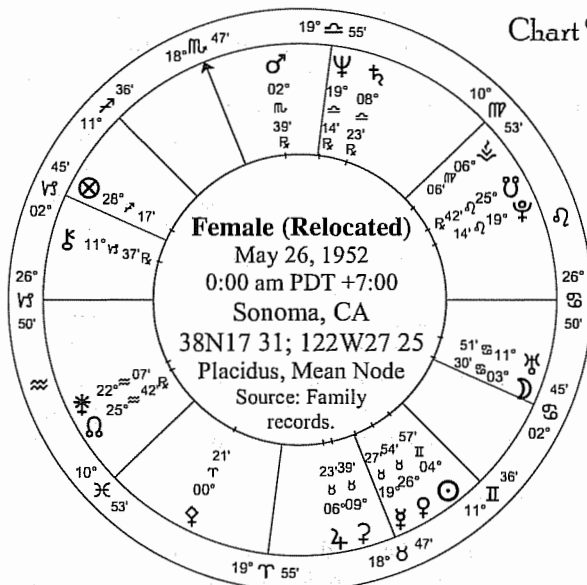


Chart 3

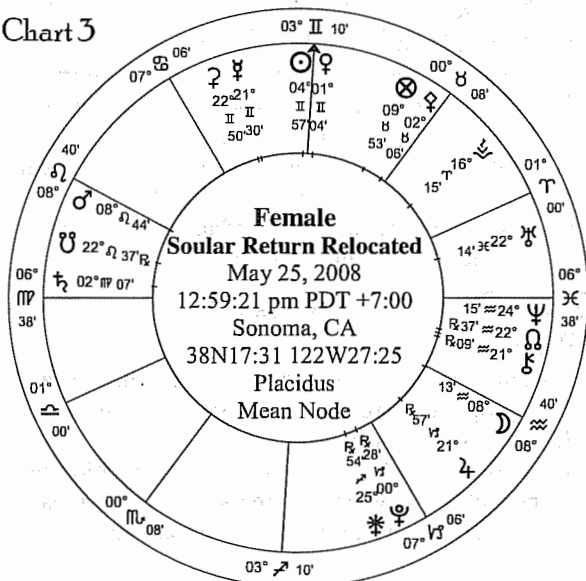
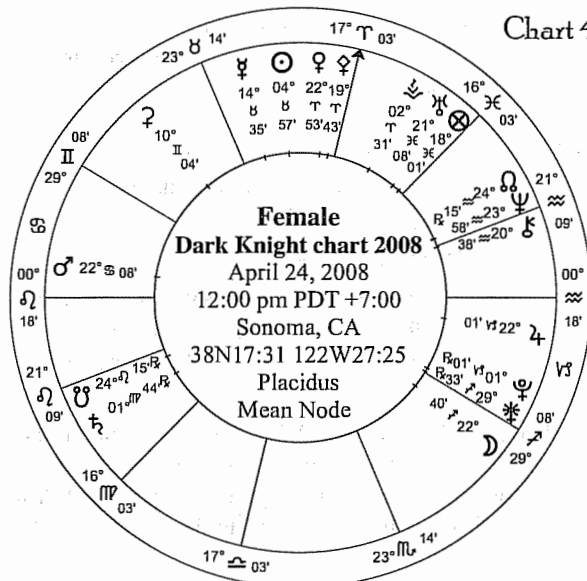


Chart 4



Her 2008 SR Sun is in the 4th quadrant (Chart 3), and the DK Sun is in the same quadrant near the MC (Chart 4). So, there is continued emphasis on her career during the month before the birthday. She has been in the process of moving her energies from a behind-the-scenes presence into a more visible career, and she now supports her self-esteem more actively through helping other people expand their values with the DK Venus in Aries, building on its square to Jupiter. Now she is more settled and secure with the SR Mercury ruling both the Asc and MC from the 10th. She now works with computers in marketing strategies, where she previously only did hands-on work with web sites. Her self-image is becoming more in line with her natural career presence, with the SR Sun and Venus straddling the MC, and the Gemini

stellium. Mercury changes signs during the Dark Knight time, she spent a fair amount of that time building confidence with her work in Mercurial pursuits of information, communication and analysis through her familiarity and expertise with computers. During this time, she also moved into a temporary place that joins her residence with her workplace (whatever affects the MC also is true for the IC).

Her Soular Return Sun is conjunct the MC, showing that this year will see much activity in the career area. The closest aspect to her SR Sun is the conjunction with the MC, then the square to Saturn and then conjunction to Venus. She can choose to invest energy into building (Saturn) a reputation (MC) doing something that she loves (Venus) and that is remunerative.

During the Dark Knight Saturn stationed (direct) exactly square Venus, and Jupiter turned Rx at 21° Capricorn quincunx Mercury, which rules the SR Asc and MC. Many adjustments are necessary to launch her new career. Mars is being occulted by Moon at 0° Leo, which interrupts the usual Mars procedures, helping her to develop courage and self-confidence, enabling her to institute new procedures and bring shared resources into the picture (Mars rules house 8, and opposes the Moon), and allows nurturing of her new career. The Moon crosses all angles during the Dark Knight time. The May New Moon conjoins the DK Mercury, further underscoring her new beginnings.

She was able to invest positive energies into the DK time, and release some of the uneasiness and fear that could have sabotaged the many changes that she was experiencing. Some changes came unbidden, and she was able to make the best of them. We could definitely see the advantages to this technique.

Chart 5

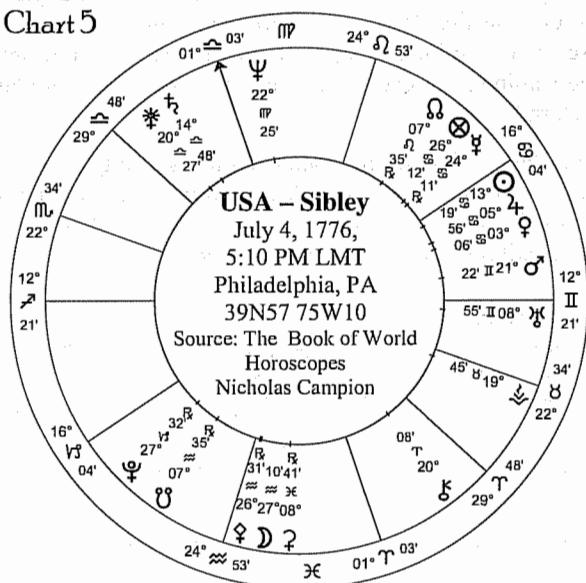


Chart 6

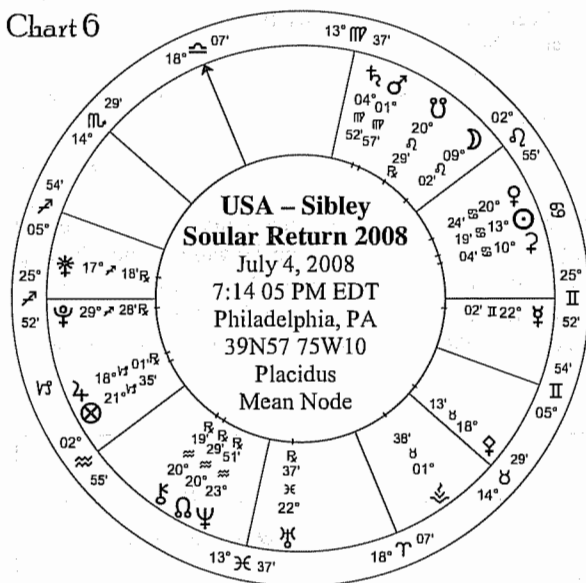
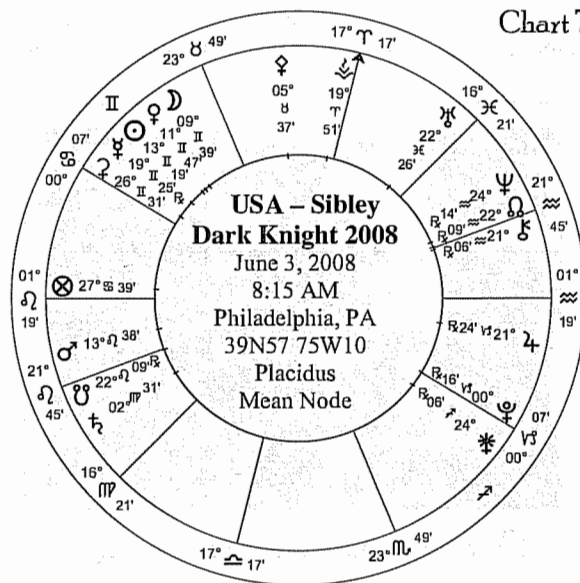


Chart 7

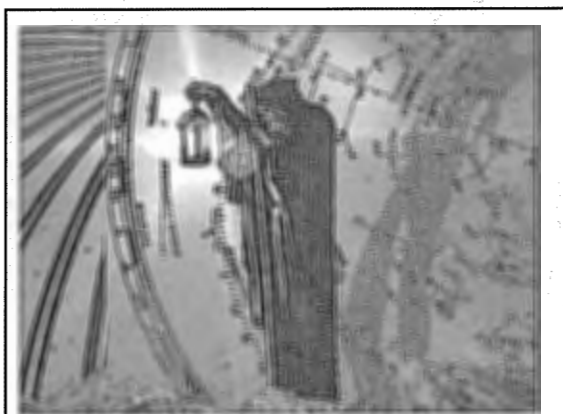


Mundane: United States of America

The Sibley Soular Return Sun resides in the 3rd quadrant (Chart 6), which is all about relating to peers, colleagues and partners, “*All men are created equal...*”. The people are being wooed according to their belief systems. Our country is being challenged to reaffirm its identity. The DK Sun was in the 4th quadrant (Chart 7), so the emphasis is on seeing the larger picture of groups of people and the public good. America is diverse, and has created extended families, such as unions, religions, generational groups, and heritage of origin. The soul of our country has created an expansive base, wanting to share her love of freedom with all her partners (DK Moon/Venus conjoining her natal Uranus). In the SR chart Venus and Sun are in the seventh, ruling the 5th, the 8th and the MC. An emphasis on relationships, children, home environment, shared resources and our status in the world community keeps us busy. The Dark Knight time is filled with changes. The collective consciousness is being activated and many processes are being put into service. The choices that are made during the Dark Knight period of a country are community choices. If they are made with engaged consciousness, they are more likely to support freedom; if those choices are made through unconscious reaction, we call the outcome *fate*.

In order of their occurrence: Mars is occulted by the Moon at 16° Leo, Venus crosses the descendant, Pluto retrogrades back into Sagittarius until late November, stirring up the loose ends that have not been completed and giving us access to the center of our galaxy. Next, the Sun crosses the descendant—the full force of our Soular identity moves from environment to responsibilities to those who may depend upon us for support or enrichment.

Next, Mars reaches 21.5° Leo, the Sun’s sign. Mars is the tool that enables us to reach our goals. There is



Cultivate the Quality of Courage.

a great deal of pressure upon Mars in this area, as many planets fill that degree in other signs. Venus in the SR chart is moving into Cancer, the sign of the Moon, highlighting a protective energy; SR Mercury at 22° Gemini brings a great deal of communication and the opportunity to plan for the future. Uranus at 22° Pisces brings freedom to the forefront, demanding adjustments to our dealings with other countries. The Full Moon at 27°50’ Sagittarius continues our dealings with other countries into focus, along with the need to find a common ideal. But, Mercury turns direct at 12°+ Gemini, and demands that we study practical methods of cooperation. Mars then moves into Virgo in answer to Mercury’s mandate to keep negotiations open.

A New Moon at 11°05’ Cancer offers a starting point for humanitarian interests to merge with the practical aspects of keeping our people safe and free. Freedom is always an issue for a country with Uranus on the angle of relationships. Where there are many changes, there are always unfinished tasks. Some of these can be fit into the coming solar cycle. You may find hope in the Soular Return.

The Dark Knight of the Soular Return is a simple technique that can offer a great deal of information in preparation for the Soular Return. I hope that you will try it. Do email me with your experiences.✽

Endnotes

- 1 Astrologers know that human perspective belies the fact that Earth is the body that creates the yearly cycle.
- 2 Rudhyar, Dane. *The Lunation Cycle*.
- 3 Bills, Rex E. *The Rulership Book*. Richmond, VA: Macoy Publishing & Masonic Supply Co., Inc., 1971, p. 134.
- 4 Greene, Liz, Howard Sasportas. *The Luminaries*. York Beach, ME: Samuel Weiser, Inc., 1992, p.x.
- 5 *Ibid*, p. 206.
- 6 Lipton, Bruce H. *The Biology of Belief*. Santa Rosa, CA: Mountain of Love/elite Books 2005.
- 7 Three Initiates. *The Kybalion – Hermetic Philosophy*. Chicago: Yogi Publication Society, 1912/1940.
- 8 *Ibid*, p. 241.
- 9 *Ibid*, p. 242.
- 10 Fractal means self-similar at different levels of being; or a harmonic synthesis.

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Roxana Muise hosts a blog dedicated to preparing spiritually for the conclusion of the Mayan Calendar’s long count, at Winter Solstice in 2012. Email her for details at roxanamuise@comcast.net or write PO Box 3948, Lacey, WA 98509. Website: www.roxanamuise.com.

*... aspects are really energy quanta,
looking for a place to manifest.*

The Mayan-Sumerian Hidden Code

By Alex Walker

Suspend disbelief for the coming pages and visualize yourself as an ancient Sumerian, perhaps a contemporary of Gilgamesh. You've arrived on the shores of North America 4,700 years ago, your last stop in perhaps the most noble and prolific effort in history—to save the human species from an event that will not happen for nearly five millennia.

The civilization here received you peacefully and the seed of knowledge that you've planted is firmly taking root. They are advanced enough to fulfill your monumental task, but still, there are challenges to overcome. These people are as human as the others throughout the world who've received you, though few of them were up to this task.

You've chosen the code-name Kukulcan, *The Feathered Serpent*. Civilization had fallen as they had many times before. They usually rise again—but after this last destruction, perhaps not quite enough for those in the future to learn and prepare. The next cycle might mean extinction. Knowledge of this distant cataclysm to come and your warning must somehow survive—understandable and uncorrupted through millennia, and yet it's already dissipating through spiritual worship, everywhere you've traveled.

A direct message is guaranteed to fail in this time-relay. It is human nature that every deliverer will change it. The message will have to be hidden in a unique code, embedded in mathematics and nature, the only unmistakable truths. Your only guarantees are their superstition, ignorance, fear, egotism, corruption, desire for power—and quest for knowledge.

Today, Kukulcan's hidden message and the meaning of his name may have been found. The message is anchored to unchanging principles in nature, tethered to the heavens and coded in our cells. After untold millennia, the Feathered Serpent, revealed?

Mayans wrote that they were visited by a pale, blue-eyed, bearded Caucasian man called Kukulcan who came to them from the sea, giving them knowledge and then departing the same way in approximately 1000 AD, promising to return. There is also a story in the Popul Vuh about Kukulcan as a *god of winds* or the *Feathered Serpent* with his own pyramid in Chichen Itza, from the context of their beginning or genesis point.⁴ It seems the Mayan's Kukulcan at their genesis cannot also be the same, one millennia after the fact.⁵ No clear meaning has ever been found for his name, *Feathered Serpent*. Man, myth, legend or perhaps all?⁶

How can one take the advice of William of Occam and Albert Einstein (pages 52 and 53) and find the essence of this conundrum? This is my intent and the essence of this article. Let's begin with their statement of Kukulcan as their "*former of laws and teacher of The Calendar.*"⁷ First of all, consider Kukulcan's promised *return* as representing something *cyclical*.

The Mayan Calendar vs. the Inconsistency of Written History

One of the problems with written history, particularly religious texts, is that they seem to demand unique, illogical, but definitively memorable, repeatable stories. The underlying message always appears to be hidden in the open within the context of symbolism, riddles, or parables. This syndrome is not solely owned by the Mayans. Search all of the world's religious documents and you'll find irrational, shocking, and contradictory stories, which if taken literally, would make mush of a rational believer's (or thinker's) mind.

The teachings of Kukulcan did not include blood sacrifice. Gutting people and excising their hearts was not part of his work, but that of power-mad priests and

rulers who followed.⁸ Stories in religion, the vehicles for hidden information, are unfortunately malleable by nature for use by corrupt leaders who prefer fear and baser instincts for use in societal control. The Mayan and Aztec rulers, in particular, evolved a hideous institution out of references for sacrifice by ripping hearts out of living people rather than pursuing the rational equality of science and physics.

For those not familiar with this enigmatic man, Kukulcan (Quetzalcoatl, to the later Aztecs), his descriptions as being a pale, bearded, blue-eyed Caucasian is not a matter of modern racial or cultural jingoism, nor was he an implanted myth or a machination by Spanish missionaries. He was a personage in a timeline preceding the Spanish and known historical Western contact.

One aspect that struck me about the limited available translations that we have today, which should leap from the pages when read by an astrologer, are references to twins (Pisces or Gemini); a First Father (Aries); the Sun, Moon, a crab (Cancer); feathered serpents from water; an underworld; a Dark House (12th house); a Fire House (Aries, Leo or Sagittarius); One Death (1st house) and Seven Deaths (7th house); One Hunahpu, the father (Aries) and the uncle Seven Hunahpu (Libra)—this is only the surface detail. What was lost in translation, or was originally available before the Spanish priests burned them, would probably fill a celestial zoo, quite familiar to us.

Because this story is of Mayan origin, doesn't mean it cannot include what I call, *Western Cultural DNA*. Consider the physical evidence of unlikely origin of ancient artifacts thoroughly documented in *Forbidden Archaeology* by Cremo and Thomson. Consider the obvious American origin of residual cocaine, nicotine and psychoactive drugs found in 3,000 year-old Egyptian mummies.⁹

Using Occam's Razor, we can establish that this pale, bearded Caucasian man, Kukulcan, had his own name lost to history, as he obviously didn't come from Central America. We can also ascertain the Central Americans would not have likely invented or imagined such a person clearly not of their race or culture, let alone others commonly known as existing in their hemisphere at that time. The logical conclusion is that the pale,

bearded, blue-eyed Caucasian male that they recorded coming from the sea, bringing them knowledge and then departing by the same means, had to be exactly that. Fortunately, not everything is a metaphor and not everything has only one level of meaning. Not everything that is ancient is based on religion or spirituality under our modern template of a linear history in assumption that all predecessors lived in ignorance and superstition. However, given the intentional obfuscating nature of religious stories intended for immortality, it's an honest assumption. The most logical conclusion is that he came from the area of southern Europe or, more likely, the Middle East. This would explain a transmission of the concepts of Western astrology, the hybrid message within that symbolism, and the mechanics of the Long Count Calendar.

For brevity's sake at this point, I invoke Wii's Laws^{10,11} and summarize that it is human nature in language, cultural, and personal differences that cause indispensable information nowhere to be found. The laws of statistics are against data integrity. The diffusion of information is similar to the entropy (degeneration) as defined in the Second Law of Thermodynamics. Distortion and loss are inevitable. From order, chaos follows. So, in order for a known unreliable like human nature to absorb and pass along this information, it requires burial within symbolism and seemingly illogical stories, *hidden in the open* so others who know the *code* will benefit.

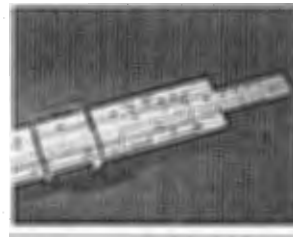
So, in what way can someone like Kukulcan, who knows the principles of unreliability in human nature, find a way to make sure highly technical information sent through time can arrive intact? He did this by using immutable laws within mathematics, the sky, and laws of Nature. A direct message in words was certain to fail over time.

Some of you may recall the slide rule, which is what mathematicians and engineers used in the age before our omnipresent pocket calculators. In the early 1970s, I used a Pickett slide rule in college when pocket calculators were still in the hundreds of dollars and had only four functions. The slide rule, a European invention, was 300 years old before affordable pocket calculators became available.¹² The slide rule was very accurate

Occam's Razor:

*Given a choice between two explanations,
choose the simplest—the explanation which
requires the fewest assumptions.*

~William of Occam²



The ubiquitous slide rule.

but it cannot match the speed and accuracy of an electronic calculator. Still, consider we were able to put a man on the Moon with engineering done with slide rules, and the modern onboard computer on the spacecraft itself was no more powerful than the pocket calculator you have on your desk.

To the best of our knowledge, electronic calculators have only been commonly available for the past 30 years. So if the slide rule is only 300 years old, what did Kukulcan use in his calculations of the stars and planets, let alone a calendar so accurate that it makes the one we presently use look foolishly antiquated in comparison—a calendar requiring one-day adjustments 10 times in a likely 40-year Mayan lifespan. How could Kukulcan devise this calendar and know so accurately natural law and cycles? Until some Mayan equivalent of a slide rule is uncovered someday, I would conclude he had a comparable device—what he accomplished was highly unlikely to have been done by hand with a stylus and pigment upon dried tree bark.

Kukulcan found a reliable and competent means to carry forward uncorrupted information in the form of a mathematical *calendar*, which functions much like a pre-calculator slide rule, with many of the functions we've forgotten not only how to use, but why.¹³ The genius of Kukulcan was that he not only knew of cycles, but something of indescribable importance to future generations. He'd made sure of the best chance for this message to arrive through time by making the necessary accommodations for profound uncertainties due to changes in language, religion, politics, different numerical based systems,^{14, 15} cultures, and myth that had to be overcome.

I believe the logic and principles known and protected by a priest or ruling class are what allowed earlier civilizations to survive and proceed. When that rational connection to this hidden information was lost or corrupted, civilizations fell. Still, the information is there, subject to rediscovery. This is how religious stories then become a quantum packet, a vehicle in time for transmission of this hidden data.

The slices of Kukulcan's knowledge that I believe I've discovered is not within our paradigm of knowledge today. A video from 1986 by the futurist Joel Barker called *The Business of Paradigms* is an excellent example of the perceptual barriers we all face. A weaker example is the more contemporary DVD called, *What the*

*Explanations should be as simple
as possible—but no simpler.*

~Albert Einstein³

Bleep Do We Know? which has a useful reference describing how sailing ships were so alien in concept to Native Americans that they physically could not see them. One reference in Graham Hancock's *Supernatural* indicated the Polynesians had the same problem in literally being unable to see what to them was incomprehensible: Captain Cook's ships. In this same vein, think of how we view history today and how different our predecessor's actual world-view may have been. I submit to you that the true meanings within their artifacts, though in plain sight, are invisible to us due to our assumptions, including the assumption of being a more technologically advanced civilization.

Kukulcan's message was coded in immutable principles in an indestructible medium to be recognizable to beings who'd achieved a technological level for mastering glass to produce magnification lenses. Magnification lenses were not only used for astronomical observations, but more importantly for observing a critical principle of Nature's law, the squaring of cells, which is only visible through a microscope. Kukulcan's estimate of civilization's progress was fortunate as this was achieved when the microscope was discovered by Zacharian Jansenn in 1595. As for Kukulcan's microscope, note that Seneca and Pliny the Elder wrote of magnifying glasses in the 1st century CE. The *Shangshu* (the ancient book of Chinese history) proves the use of crystal eyeglasses dates back to 2,000 BC in China. It's likely the Chinese were not the first to know of lens technology and in this way Kukulcan had this knowledge before visiting the Mayans.

The medium he used was the Long Count Calendar, which contained within it:

- the movement of Earth around the Sun;
- the symbolism behind the Winter Solstice;
- the sky to include constellations known by Sumerian astrologers;
- the calendar itself and a code within, linked to the skies, a calendar that retained its integrity while made a part of a religion, used daily, and chiseled into stone and culture, providing the best possibility for survival in the long term.

The principles he used were:

- the mathematics of squaring in nature,¹⁶ cellular fission as a law of Nature;
- the Number PI (3.14159...);¹⁷
- the Golden Proportion of 1.618;^{18,19}
- the Fibonacci Growth Factor of .118 (square root of 5/2-1), which is added to 1.5 to achieve the Golden Proportion;²⁰
- the cycle of the *Great Year* or The Precession of the Equinoxes.²¹

To further improve and expedite the chances of the message getting through, he'd literally cast in stone a

unique writing system, not prone to visual change. Kukulcan of the Mayan, or perhaps of the Olmec or Toltec genesis eras, provided the Central Americans with a unique written language. The structure consists of modular glyphs that not only have vocal equivalents (which are prone to change) and literal meanings when read, but does one better: the glyphs convey a third level by means of emotional archetype.

These emotional archetypes are recognizable to anyone who has ready access to an unimpaired right brain. Just as importantly, these glyphs are common to the *TV screens* which Graham Hancock refers to in his book, *Supernatural*, a universal feature in shamanic visions.²² Today's TV screens bring this shamanic principle into our present physical realm. It seems many of us on a genetic level in this modern age find it difficult to tear ourselves away from those TV screens. Perhaps we're drawn to them because they remind us on a deeper level of the shamanic visions or telepathic dreams that we've lost?

The written language used by the Mayans with this emotional content aspect, I believe, provides a deeper level of communication before one begins to apply logic and contextual correlations to establish decryption. Note the Mayan stele photo on the next page and gaze upon it for a period of time in a neutral, meditative state and emotive what it says to you. It appears to work on intellectual and emotional levels of communication—a multi-level, modular language.²³

I am not a linguistic expert, however the best analogy that I can muster is that the Mayan written language has a level similar to the *emoticons* we use today in text messaging—the symbols evoke a highly efficient, emotional message. Imagine how perplexed a purely left-brain person would be who'd never seen keyboard emoticons, and was without logical pictorial references with which to decipher them.^{24,25} Would this person ever think to tilt his head to the left to read upright script?

As a comparative example, consider how written English consists of the elements A to Z. English is remarkable because it is so malleable and almost infinite in its ability to grow, evolve and invite mutations in the form of slang. For that same reason, by nature of its A-Z DNA, it differentiates to become unrecognizable in time. English would be the worst possible language for an important message to be communicated in over five millennia or more. Even the letter-number aspect of Hebrew would be more reliable.

As for what the end of the Mayan Calendar portends, there appears to be a potentially big problem for us on the horizon, and it has nothing to do with our *carbon footprint*. Governments know it's important we keep living life and paying taxes. I'll review later why this

might be happening, though I admit that there's no doubt it's vital to continue our form of life, liberty and the pursuit of happiness.

As for the likely origins of Kukulcan's dataset, recorded Middle Eastern knowledge of astronomy goes back to 1,645 BC, and includes what we currently know as Western astrology with regard to the signs and the precession cycle. Records in India go back as far as 6,500 BC with actual manuscripts written about 3,700 BC; probably available to nearby cultures since then.²⁶

Astrology, based on astronomy, would include the nature of the signs, such as signs which are *double-bodied*. Those double-bodied signs are Gemini, Sagittarius, Capricorn and Pisces.

The Mayan's Creation Myth in summary has to do with the *Hero Twins* who followed *First Father* into the Underworld. This appears to be a remarkable clue as to the timing of the Mayan Creation, particularly since it involves the westerner Kukulcan who imparted this knowledge to the Central Americans. The astronomical and astrological signs used by the Sumerians were the same as the ones used by the Egyptians, Hebrews, Greeks and Romans. The most logical conclusion is in the precession cycle where the Hero Twins are represented by a *double-bodied sign preceded by a single-bodied sign*. Logically, the double bodied sign in question should exclude Sagittarius and Capricorn as those signs are single entities with a duality of body. This leaves Gemini and Pisces as the most likely signs to represent the Hero Twins in the Popul Vuh.

Looking at the zodiacal wheel in the backward movement of precession, Cancer precedes Gemini, and Aries precedes Pisces. In either case, we are already talking about a minimum of 26,000 years ago. How can this be?

Geologist Robert Schoch states his geological evidence based on water erosion, only possible when Egypt was a savannah before it became desert, means the Sphinx must be dated prior to 7,000 BCE, making it at *minimum*, 9,000 years old. John Anthony West has evidence the Sphinx head was defaced several times from its original form as a lion, carved to face the horizon during the time in history when the constellation Leo was rising. Astronomically, this puts the date between 8,000 and 10,500 BCE. From the Egyptian Record of Kings, West believes the Sphinx may possibly have been carved as early as another full precession cycle, making it 34-36,000 years old. There is also a clockwise zodiac in the Egyptian Temple of Dendera with unique astrological hieroglyphs,²⁷ many of them quite familiar to us.

Given the ancient Middle-Eastern origins of the zodiac and that Kukulcan likely came from this region, there is the likelihood that the Hero Twin myth is based on what we now know as the Western zodiac.

For those of you new to astrology, understand we are not yet in the Age of Aquarius despite what the catchy, wishful musical and some books indicate. We are still well within the Age of Pisces. Prominently displayed at the top in the Mayan stele indicating the end of the Long Count Calendar are *two fish*. We are now in the Age of Pisces as we approach the calendar's end in 2012. Pisces is represented as *two fish* and is a *double-bodied* sign.

Pisces is also known as the natural 12th house (Dark House) and what it represents in classic astrology is not a happy place, despite the spin magic of modern astrologers. The 12th house is where hidden enemies reside, along with frustrations, limits, confinement,



Copy on parchment of Mayan Stele, indicating the end date of the Long Count Calendar.²³

undoing, and loss. It is the place of the collective unconscious and repository of karma. It is a place of darkness.

As for the Hero Twin myth, it most likely represents Pisces as the twins, and the First Father who went into the Underworld (below the horizon in the precession cycle) as Aries. Aries is the natural 1st house. It is a fire sign (Fire House—1st Death House), is male, ruled by Mars, and represents the physical *body*. Aries represents the leader, the one who *accepts challenges*, and is a cardinal sign. First Father was enticed into a contest in the Underworld and he *took that challenge*; according to the myth, he was tricked and was killed. First Father's *body* was cut to pieces.

The Hero Twins followed First Father into the Underworld (as Pisces follows Aries in the precession cycle).²⁸

The Dogon tribe of Africa who knew of Sirius having companion stars, and of Jupiter's moons and Saturn's rings (all without a telescope), tells of *fish-like people* as *Masters of the Water* who gave them knowledge. Occam's Razor would say their story mutated over time, but gives evidence of the same specific precession era and flood, rather than the aquatic physicality of those people. The flood myth is something consistent throughout the world, originating in ancient societies that to our knowledge had no previous contact with each other. William of Occam would say that in our distant past, these societies did have contact, or that the cataclysmic flood was indeed a worldwide event. Including the Mayans prediction stele for 2012, there are over 500 compiled and documented flood myths in the world.²⁹

The Hidden Code

The Long Count inception date is August 11, 3114 BCE.³⁰ There is a controversy as to a three-day variation on the inception date and a much larger variation of nearly a year as to when the calendar *ends*. I italicize *ends* as it's our modern interpretation as an end, rather than an *inception* that rolls *backward* through time. I believe that the Thompson Projection has the soundest logical base, and there are three reasons why I'm going with the Thompson Projection that shows this inception date and the end on December 21, 2012. The primary reason is because Thompson used a day-by-day count to cross-reference the Mayan to the European calendar rather than a year count, bypassing the problem of year names in the Gregorian system.³¹ The second reason is because the solstitial date, December 21, 2012, is itself intrinsic to the message sent through time. The third is because the elapsed time correlates mathematically to the hidden code.

Carl Calleman and Barbara Hand Clow believe the end date is October 28, 2011, a date I do not agree with. It appears they get the first shot at the prediction.³² The time elapsed between inception and end date on December 21, 2012 is 1,872,000 days. There are precisely 365.24219878 days in a year. This calculates to 5125 years and 133.75 days or *5125.3662 years*.

A significant factor and a primary key to the calendar not addressed in all references to the Long Count Calendar is the Precession of the Equinoxes. Most important is the changes in the *rate* of precession over the ages. The rate of precession has been *increasing* since the inception date of the Mayan Long Count Calendar. Mathematical evidence shows it was a much slower rate farther back in time. Understand, despite the multiplicity of references, the rate of precession is *not* the clockwork, 72 years per degree of backward zodiacal movement. Each precession sign period is *not* 2,160 years, as they are irregular due to fluctuating precessional speed.³³ An *Earth wobble* as the cause of precession is unlikely. Precession is more likely due to our Sun in a binary orbit with a companion star, which I'll discuss further at the end of this article.

The best source I've found puts the rate of precession at 2,000 BCE at 72.89 years per degree.³⁴ I had to mathematically interpolate the difference in the rate of precession between 1 BCE (72.24 years per degree) and 2,000 BCE (72.89). For this period there is a .65 years per degree difference, an increase in precession in speed during those 2,000 years (.65 / 2,000) by a factor of .000325 degrees per year.

I multiplied .000325 by 1,114 to get an additional time factor of .362 to add to the precession rate before 2,000 BCE. This establishes the rate of precession on August 11, 3114 BCE at 73.25 years per degree of precession.

The rate of precession from 1 BCE at 72.24 years per degree, to the year 2,000 CE at 71.60 years per degree, is a difference of .64 years per degree increase in speed. The prior 2,000 years was .65 years per degree increase. Although the rate of precession increased, it is clear that it has slowed. Ultimately, it will reach a nodal point, an *apoapsis* perhaps, when the speed slows to become a terminal speed, to then speed up again.

We have more contemporary numbers with which to work to zero in on the precession rate for December 21, 2012. The precession rate during the year 1900 CE was 71.63 years per degree. The rate of precession established in the year 2000 CE was 71.60 years per degree. As before, the speed increased for the 20th century, but the rate is slowing.

So, what does this mean? I'm invoking a Law of Nature and it takes a microscope to have knowledge of it.

All living beings first fission from one cell (a zygote) into two and then square in number. For example, one cell fissions into two cells, then two into four, then four into sixteen, then sixteen into 256 and so on.³⁵

Using this same law in reverse, you can work backward by means of using a principle tool of mathematics known as the square-root. The square-root of 256 is 16, the square-root of 16 is 4, and the square-root of 4 is 2. The square-root of 2 is 1.4142, which is a unit of one square diagonally divided from one corner to another.³⁶ I will briefly speculate the zygote in this space-time dimension is as a mathematical square before it fissions.³⁷

The calendar was created to be that precise length as a code for those who knew of cellular fission and had evolved lens technology to witness the microscopic and planetary motions, but there is much more within that calendar than just the terminal speed of the precession cycle, as you will see next.

Again, the precession rate established eight years ago for the year 2000 is 71.60 years per degree of precession and as time progresses, that number becomes smaller. Now, consider the following: The square root of 5,125.3662 years is 71.5917 years.

The square-root of the number of elapsed days of the Long Count Calendar and correspondence with the rate of precession in 2012 is for me, quite frankly, jaw-dropping. This not only gives evidence of extremely advanced knowledge of astronomy, but evidence of an astoundingly brilliant and elegant hidden message, all within the context of the cosmos and Natural Law. This ancient message, like so many others probably within our grasp, appears to have waited in plain sight for millennia, available through the universal language of mathematics rather than the obfuscation of cultural or religious interpretations.

I believe this is the mathematical target, the trigger point, and one aspect of the hidden code of the Long Count. This number is the *rate* of annual precession at the *end* of the calendar in our time period. *The square-root of the Long Count in years, being this precise to the rate of precession at its end date is beyond chance or coincidence.*

But why is the date December 21, 2012, precisely on the Winter Solstice? First, the square-root of the years elapsed tells us *when* by the rate of precession. The date chosen by Kukulcan represents our upcoming Winter Solstice of the precession cycle *and all it implies*. The date that the implied effects of winter begin may vary slightly, but can be fixed by determining the precise rate of precession. Occam's Razor indicates it would make the most sense for this event to happen within a window of at least six months either side of

that date, otherwise it would be December 21, 2011 or December 21, 2013.

Ultimately, the starting date may even be irrelevant within itself. Kukulcan took the known projected rate of precession at the Winter Solstice of the Precession Cycle, then squared that figure and *began* the timeline at our end of history, namely the projected date of the Winter Solstice in 2012. With one end fixed at our date of December 21, 2012, the other end was rolled backward in time like a carpet and fell on the date of August 11, 3114 BCE. This elapsing time period was then incorporated into what became The Long Count Calendar. Contrary to all other known world calendars in history, this is the only *count-down* calendar with the *start date* in the *future*, moving backward in time. The Mayan Long Count or whatever it was called in history, was *protected knowledge* that somehow survived over five millennia. There are more layers to explore.

In the course of history, languages would change, civilizations would rise and fall. Education would wax and wane. Number systems would range between the sexagesimal of the Sumerians, the decimal system used first by the Egyptians and Elamites of Iran in 3,500 BCE³⁸ or the vigesimal of Kukulcan or those who bequeathed the Mayans. Kukulcan relied on the fact that regardless of whatever might happen in an orbital year, it is still a year and a Winter Solstice is what it represents. Cellular fission is a principle of life, and the sky, for all practical purposes, does not change—the cycle repeats. *Quantities, regardless of number system, respond the same when applied in ratios and proportions.*

For this reason, the inception date does not appear to relate to the date October 10, 3114 BCE which Jenkins refers to as when, “...the sun conjoined the Sacred Tree on Oct. 10th, which is 72-degrees, or 1/5th of the ecliptic from the winter solstice.”³⁹

I invoke Occam’s Razor and state: The square-root of the calendar’s length in years is the rate of precession at the end of the calendar—simpler and more logical as a discoverable code.

Astrologically, the inception date on Tuesday, August 11th or Thursday August 13th, 3114 BCE found no unusual or interesting astrological aspects, nor do they seem to correlate with a wheel for December 21, 2012, nor Calleman’s date of October 28, 2011 on the Yucatan Peninsula. Again, the simpler explanation is most likely the best.

The Golden Proportion

The Golden Proportion is .618 of the whole, or Unity (the number 1). What’s so important about the Golden Proportion? It was known by the Greeks as *phi*

and it’s found in all living things from microbes to plants, to fish and nautilus shells to animals, both living and extinct. The Golden Proportion was also found in what are considered the *perfect* human forms, and exhibited in such works as Michelangelo’s statue of David in Rome and in innumerable female forms shaped in marble by the Greeks and in granite by the ancient Egyptians. It is the proportion of your palm relative to your entire hand. For example, my palm is exactly 4.9” of the 8” from my wrist to longest fingertip, which means my palm is a perfect .618 proportion of my hand. My longest finger is the remainder of that ratio which is .382 or 3.1” within the context of my hand as a unit of one, or Unity. Phi is even found in the solar system and in observable galaxies.⁴⁰

What about the prominence of Venus in the Mayan culture? There is more to Venus than the astrological aspects; its prominence results from it being the brightest planet in the sky and its unique motion over the background of the fixed stars. The ratio of the Venus synodic period of 584 days to 365 Earth days is 1.6—virtually the Golden Proportion + Unity, or 1.618. The orbital year of Venus was eventually discovered and still found to nearly match the Golden Proportion when compared to the orbit of Earth (1.625 Venus orbits per Earth orbit; in the past it may have been exactly 1.618 when Earth had a more elliptical orbit as described in the Milankovich Cycles⁴¹). The importance of Venus is that it *represents* the Golden Proportion plus Unity, and Venus is a visible reminder of a Golden Proportion on a *larger* and galactic scale. The Golden Proportion is also known as the Golden Spiral with regard to how it applies to *growth*.

As a financial astrologer, I find it impossible not to include two appropriate quotes by the main character Max Cohen from Aronofsky’s 1998 film, *PI*, where an eccentric migraine-plagued mathematician is nearly destroyed after he finds PI in stock market cycles and the 216 numbers that represent the name of G’d in the Torah.⁴²

“If we’re built from spirals while living in a giant spiral, then it is possible that everything we put our hands to is infused with the spiral...”

“Restate my assumptions:

- 1. Mathematics is the language of nature.*
- 2. Everything around us can be represented and understood through numbers.*
- 3. If you graph these numbers, patterns emerge. Therefore, there are patterns everywhere in nature.”*

How does this relate to the Mayan Long Count Calendar?

PHI + Unity = (1.618 X 5,125.3662 years =
 8292.8425 years;
 8292.8425 X PI = 26,052.733 years)⁴³
 —The Precession Cycle

In the Mayan Calendar, 26,052 years is a precise 500
 + 1 (Unity) of the 52-year cycles. The .733
 years overage is accurate within .0000281
 percent.

The 52-year figure is not only pertinent to the message,
 but there is evidence of a recognition and reinforcement
 of this cycle throughout the world, beyond the
 Long Count Calendar. When the Pleiades (opposite the
 Galactic Center) are at zenith at midnight every 52
 years, memorial services are held by cultures world-
 wide. It's believed on one such date the present world
 would come to an end as did the prior when the
 Pleiades were at midnight zenith.⁴⁴ Occam's Razor
 would conclude that this message is the simplest and
 most likely interpretation. The next cataclysm would
 correlate to the Pleiades when highest, in the *winter*
 sky during one of these 52 year cycles. The Pleiades
 are in sidereal Taurus, close to opposite the Galactic
 Center at sidereal 29.9 degrees Scorpio. Contemplate
 this not only as symbolism, but what world-ending
 cataclysm likely originated from the Galactic Center.

A count of 26,052.733 years is also 100 of the 260-
 year cycles, plus one 52-year cycle. The fraction
 of .733 years that we won't discard for now is 196.24
 days, which is 9 Uinals (20 days each) and one 13-day
 cycle with 3.24 days remaining. It may be that this
 event takes place between one half of 3.24 to 196.24
 days on either side of December 21, 2012, within Oc-
 cam's six-month window.

A count of 26,052.733 years should prove over time to
 be the most precise length of the precession cycle. Cur-
 rently there is no precise knowledge today or consist-
 ent reference as to the exact length of the precession
 period. More so, somewhere in impenetrable history,
 long since wiped from Earth, people then knew easily
 as much as we do, perhaps more. I will show further
 reasons why.

The Fibonacci Growth Factor of .118034 can be found
 within the Mayan Calendar, within slide rule capabil-
 ity: 1 / square root of 71.5917 = .118186

The Fibonacci Growth Factor is formally the square-
 root of 5 divided by 2, minus 1 (Unity). Compared
 with the number found in the calendar, this is a differ-
 ence of .00015 percent, well within the range of nature
 and slide rule accuracy.⁴⁵ The message within the Fi-
 bonacci Growth Factor is contained within the first
 three digits right of the decimal.

The following calculation may be the rate of preces-
 sion at the other end of the half-cycle point

13,026.3665 years from now. I again invoke the Law
 of Proportion and mathematics, using the Fibonacci
 Growth Factor *plus* Unity (.118 + 1):

71.5917 years per degree X 1.118 = 80.04 years.

80.04 - 71.59 = 8.45 years, the per degree difference
 in the rates of precession between the two nodal
 points, which I believe are the *apoapsis* and *periap-
 sis*, or perhaps the orbital intersections of the binary
 star system that we very likely live in.⁴⁶

73.25 years per degree rate of progression (start of
 calendar) - 71.59 (end of calendar) = 1.66 (square-
 root of 8.45) (minus) (square-root of 1.66) = 1.618
 = *The Golden Proportion* + Unity. . .

You've already seen the two fish (Pisces) at the top of
 the 2012 stele photo. Between them, level with the top
 of the fish, is a mouth with nostrils and one blue eye
 above it—a *blue eye* was reported at Galactic Center at
 the last cosmic cataclysm.⁴⁷ The glyph on the bottom
 row, third from the left shows an eye perceiving a vor-
 tex through a hole. The glyph to the right of it shows a
 man in despair.

Note the hand and finger positions of four identical
 glyphs, one above the other, located in the first and
 third vertical columns on the stele (see page 55) for the
 2012 event. All show left facial profiles, but these four
 show the right hand over the left side of the face, the
 thumb placed at the corner of the lips, and the index
 and smallest finger extended with the middle and ring
 fingers folded. He is depicted with a falling tear. What
 he shows as a hand sign would appear to be cause for
 weeping.

In classic palmistry, the index finger represents Jupiter
 and the smallest finger represents Mercury, while the
 thumb represents Venus.⁴⁸ The middle finger is Saturn
 and ring finger is the Sun. The gap between Venus and
 Jupiter is Mars.

Consider the finger placements again:

On 12-17-2012, Mercury is at 14° sidereal Scorpio in
 opposition to Jupiter at 14° Taurus (Rx).

On 12-18-2012, Mercury and Jupiter are
 contra-parallel at 21°.

On 12-22-2012, Venus is at 13° sidereal Scorpio in
 exact opposition to Jupiter.

On 12-24-2012, Venus and Mars are both parallel,
 contra-parallel to Jupiter at 21° north declination.

The Sun (the finger folded - impaired?) and Mer-
 cury will be parallel at 23° south declination.

The hand appears to symbolize these aspects, tearfully.
 Given the calendar end date on December 21, 2012
 and these aspects correlating so closely in time,
 starting four days before and ending two days after-
 ward gives us a better clue as to the beginning or

perhaps the culmination of what is likely to be our Precessional Winter Solstice.

Between the constellations Sagittarius and Scorpio, outside the ecliptic in the constellation Ophiuchus is Barnard's Star.⁴⁹ At just under six light-years away it is the second closest star system to the Sun. A unique aspect of Barnard's Star is: it is a *variable star* that can undergo *unpredictable dramatic increases in brightness* for a few minutes. Its latest flare was in 1998 at more than *twice* the normal temperature of the star. Barnard's Star is invisible to the naked eye; it would take a telescope to know Barnard's Star was a variable star. Kukulcan would have had lens technology as earlier outlined. Could it be that our Sun is experiencing the same inexplicable solar mass ejections and X-Class flares for the same reasons as Barnard's Star? Could this be yet another message to us, that our own *reliable* Sun, as we know it, may become suddenly and dramatically unpredictable?

The subject of global warming is too large for this article, but as I'd mentioned earlier, governments know the importance of maintaining our societal structure and I believe that this is connected to the underreported fact that our outer planets are warming. Draw your own conclusions, but during the course of my research, several links to scientific articles that I'd found on this subject, vanished from search engines.⁵⁰ Regardless, a corresponding increase in solar flare intensity since the 1850s correlates with the increase in global temperatures since the Industrial Revolution. This also masks increases in atmospheric methane, CO2 and other gaseous oxide levels that *result* from global warming.⁵¹ In recent history, solar flares have escalated beyond the numeric multiples of X-Classifications to where the largest are now referred to as *Solar Mass Ejections*.^{52, 53}

Further, consider the possibility of the convenient stature of a former US Vice-President, stating global warming to be human-caused and therefore controllable, and urging the world to take action. Combine this with lots of money for grants given to climatologists, who don't keep close track of the Sun, let alone the weather outside of Earth. This proactive stance would be far more conducive to societal integrity, preferable to the news that our *reliable* Sun is the cause of past and soon-to-be-future extinction events.

Barnard's Star also demolishes what most of us assume is a fixed star firmament relative to our lifetimes, as its movement *within a human lifetime* is about half the angular diameter of the full Moon! In a telescope, its movement is easily seen contrasted in only a few years against the background of other stars. Barnard's Star also has the *largest known proper motion of any star relative to the Sun and is coming toward the Sun as*

evidenced by its blue shift, while other stars are going away, evidenced by their red shift.⁵⁴

Around 11,800 CE, by one estimate, Barnard's Star will become our closest star system at 3.8 light years. Given its proximity and motion toward the Sun, is Barnard's Star our Sun's binary companion?

Walter Crittenden in his book, *Lost Star of Myth & Time*, gives a scientifically founded and elegant case for some unknown stellar body (perhaps a black hole or brown dwarf) in binary motion with our Sun as the true cause of motion for what we know as the Precession of the Equinoxes.⁵⁵

Note 11,800 CE – 2012 CE = 9788 years after the Mayan Calendar Winter Solstice.

Our Precession Cycle: 26,052 X .382 (.382 is the section of the Golden Proportion with .618 that adds up to one or *Unity*) = 9,951.8 years. 9,951.8 – 9,788 = 163.8 years difference. Given astronomy's estimation of when Barnard's Star comes closest in 11,800 CE, this 1.5% or 163.8 year difference may become smaller when we have achieved a greater sophistication toward determining accuracy.

Of the twelve astrological symbols, only Sagittarius and Scorpio have arrows. The arrow of Sagittarius and the stinger of Scorpio both point toward the Galactic Center.⁵⁶

Astrologers know that in the past, Scorpio was also known as the zodiac's *sign of death*, symbolized by the *feathered warrior-eagle*.

The Galactic Center on December 21, 2012 will be at what a sidereal astrologer today would recognize as 29.9° Scorpio in longitude, at close to 29° south declination, out-of-bounds (outside the ecliptic) in the constellation Ophiuchus, *the serpent handler*.⁵⁷

Consider now the meaning of Kukulcan's name: *The Feathered-Serpent*—the coded name that tells us where to look, and just perhaps, what to expect on our Galactic Winter Solstice.☿

Endnotes

- 1 <http://www.tcf.ua.edu/AZ/SlideRule.jpg>.
- 2 William of Occam quote: <http://math.ucr.edu/home/baez/physics/General/occam.html>.
- 3 Albert Einstein quote: <http://rescomp.stanford.edu/~cheshire/EinsteinQuotes.html>.
- 4 http://sacredsites.com/americas/mexico/chichen_itza.html.
- 5 <http://weber.ucsd.edu/~anthclub/quetzalcoat/maya.htm>.
- 6 <http://www.lycos.com/info/quetzalcoat/plumed-serpent.html?page=2>.
- 7 Morley, S. G. *Introduction to the Study of Mayan Hieroglyphs*. NY: Dover Publications, 1975, pp. 16-17.
- 8 <http://weber.ucsd.edu/~anthclub/quetzalcoat/que.htm>.
- 9 Hancock, G. *Supernatural*. Canada: Doubleday, 2005, p. 360.
- 10 <http://www.cs.tut.fi/~jkorpela/wiio.html>.

- 11 <http://tashian.com/multibabel/>.
- 12 <http://www.hpmuseum.org/sliderul.htm>.
- 13 <http://www.hpmuseum.org/srinst.htm>.
- 14 <http://www.rpi.edu/~eglash/eglash.dir/hit.dir/afch7.dir/afch7.htm>.
- 15 <http://www.macdonald.egate.net/CompSci/Pascal/hnumeration.html>. <http://inventors.about.com/od/mstartinventions/a/microscope.htm>. <http://www.shanghaidaily.com/sciencepod/pdf/eyeglassesENG.pdf>, p. 6.
- 16 <http://health.howstuffworks.com/adam-200110.htm>.
- 17 <http://www.lysator.liu.se/~tb/pi.50000.html>.
- 18 <http://milan.milanovic.org/math/english/golden/golden1.html>.
- 19 <http://en.wikipedia.org/wiki/Pi>.
- 20 Mathematics Department of the University of Surrey, UK. <http://www.mcs.surrey.ac.uk/Personal/R.Knott/Fibonacci/fib.html>.
- 21 http://en.wikipedia.org/wiki/Great_year.
- 22 Hancock, G. *Supernatural*. Canada: Doubleday, 2005, p. 91.
- 23 In the Mayan text for the 2012 prophesy, certain images spoke to me on a gut level and I saw in some of them what are highly likely hand gestures that indicate planets, which would originate from the Sumerians-Quetzalcoatl. The figure showing the Mayan Observatory along with the 2012 prophesy is included at end of this article. The photos, contributed semi-anonymously by "Brian B.", a listener from San Francisco who took photos while in Mexico, can be found at: <http://www.coasttocoastam.com/gen/page2102.html?theme=light>.
- 24 <http://brain.web-us.com/brain/LRBrain.html>.
- 25 <http://www.traviscarden.com/resources/etc/dictionary-of-emoticons/>.
- 26 <http://www.surfindia.com/astrology/astrological-disciplines.html>.
- 25 <http://www.mazzaroth.com/ChapterOne/TranslateDenderah.htm>.
- 28 See the pair of fish at the top of the photograph of the reproduction of the Mayan stelae for 12-21-2012.
- 29 La Violette, P. *Earth Under Fire: Humanity's Survival of the Ice Age*. VT: Inner Traditions/Bear & Co., 2005, pp. 235-236.
- 30 Ibid, p. 103.
- 31 http://www.world-mysteries.com/sar_3.htm.
- 32 <http://alignment2012.com/cjc1.html>.
- 33 La Violette, P. *Earth Under Fire: Humanity's Survival of the Ice Age*. VT: Inner Traditions/Bear & Co., 2005, pp. 80 and 253.
- 34 Utpal Mukhopadhyay – Resonance – April 2003. <http://physics.clarku.edu/~ranjan/>.
- 35 John Major Jenkins May 23, 1994 - <http://www.levity.com/eschaton/Why2012.html>
Note: I found a reference to 256 being a Uranus-Pluto Cycle, but I found that by using an ephemeris whether you use geocentric or heliocentric, it is only approximate and requires counting every second conjunction. Also, when using geocentric dates, there is an up to a three year vacillation from this double-conjunction figure depending on how you want to use retrograde motions or the first or last direct motion dates. I don't see enough accuracy in this analysis and otherwise wouldn't use this as an indicator.
- 36 Lawlor, R. *Sacred Geometry: Philosophy and Practice*. London: Thames and Hudson, 1989, p. 25.
- 37 Ibid, p. 56.
- 38 http://en.wikipedia.org/wiki/Base_10.
- 39 John Major Jenkins May 23, 1994 - <http://www.levity.com/eschaton/Why2012.html>.
- 40 Lawlor, R. *Sacred Geometry: Philosophy and Practice*. London: Thames and Hudson, 1989. Workbooks 3, 4, and 5.
- 41 http://en.wikipedia.org/wiki/Milankovitch_cycles.
- 42 <http://www.pithemovie.com/>.
- 43 http://en.wikipedia.org/wiki/Great_year.
- 44 La Violette, P. *Earth Under Fire: Humanity's Survival of the Ice Age*. VT: Inner Traditions/Bear & Co., 2005, p. 82.
- 45 Lawlor, R. *Sacred Geometry: Philosophy and Practice*. London: Thames and Hudson, 1989. Workbooks 3, 4, and 5.
- 46 <http://en.wikipedia.org/wiki/Image:Orbit5.gif>.
- 47 La Violette, P. *Earth Under Fire: Humanity's Survival of the Ice Age*. VT: Inner Traditions/Bear & Co., 2005, p. 73.
- 48 http://www.ccrsdodona.org/m_dilemma/1977/sag/palmlist.html.
- 49 http://en.wikipedia.org/wiki/Barnard%27s_Star.
- 50 Here is one that remains: <http://news.nationalgeographic.com/news/2007/02/070228-mars-warming.html?source=rss>.
- 51 <http://www.holoscience.com/news.php?article=by2r22xg>.
- 52 <http://www.sciam.com/article.cfm?id=impact-of-a-coronal-mass-ejection>;
- 53 <http://spaceweather.com/solarflares/topflares.html>.
- 54 <http://www.solstation.com/stars/barnards.htm>.
- 55 Crittenden, W. *Lost Star of Myth and Time*. PA: St. Lynn's Press, 2006.
- 56 La Violette, P. *Earth Under Fire: Humanity's Survival of the Ice Age*. VT: Inner Traditions/Bear & Co., 2005, pp. 32-34.
- 57 Ibid, p. 49.

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Alex Walker was 10 when he traced sunspots and recorded nightly movements of Jupiter's moons as the youngest attending member of the L.A. Astronomical Society. At age 17, he constructed his first natal chart from a library book on a quest to understand invisible forces driving behaviors and world events. At 45 he saw planetary cycles in stock and commodity price charts, bought *Winstar* software and accumulated an astrology library. Alex draws upon 31-years experience in loss analysis principles for detecting patterns and correlations and allows data to form hypothesis. He lives in Gig Harbor in Washington State.



A Real Star in the East

by Leigh Westin

First published in the 2001 Winter issue of the Declination SIG Journal, The Other Dimension, Leigh Westin presents research of the biblical star in the East, citing multiple sources and possibilities, finally concluding two events that the learned Magi likely would have long awaited and recognized, a major world cycle and pregnant with symbolism, one very real star, then rising due East of Bethlehem, thus highly like the star of the Magi.

For almost 2000 years, the Star of Bethlehem has been one of the most enigmatic Christmas mysteries. Even though most scholars accept that Christ was born sometime between 7 BC and 1 BC, uncertainty of the birth date and the ambiguity of the astronomical descriptions have made the star of the Magi next to impossible to determine. Two meager Biblical references from the one author in the Book of Matthew doesn't help. Factor in an inaccurate numbering of years by the monk, Dionysus Exiguus, add dating issues about Herod's death that would have occurred after Christ's birth, plus historical records and computer simulations, indicating that a rare series of planetary conjunctions occurred—and a monumental detective saga ensues—one that has enticed many an astronomer, astrologer and layperson alike.

A multitude of possibilities have been proposed, from comets and supernovas to conjunctions and occultations, any one of which in ancient nomenclature could have been descriptive of the word, *star*. In ancient times, terms for astronomical events were derived from appearance, thus comets were known as *hairy* or *broom* stars, novas as *exploding* stars, planets as *wanderers* and occultations, as *eclipsed* stars.

In fact the ancients relied heavily on the visible heavens for much of their database, placing declination in evidence right up front, especially in the case of a star

candidate as a conjunction since it would appear so only if the bodies were aligned in longitude *and* declination, likewise for an occultation. One theory in particular relates to occultations and credited astrological thought—from an astronomer, yet!

Occultations and Eclipses of Jupiter

Michael Molnar, supervisor for the Griffith Observatory in Los Angeles, came up with an idea that the star, rather than a spectacular visual event, might be one with astrological meaning! When asked why he focused on astrology, Molar commented: “*My research shows that astrology and astronomy were indistinguishable during Roman times. Moreover, astrology coupled closely to religion and philosophy. When people of those times spoke about celestial portents or signs, they were referring to astrology. My work also finds that many modern researchers in their disdain for astrology have erroneously rewritten the historical record to downplay the role astrology played in Western culture. Thus, they never looked for an answer in Greek astrology, the astrology of Roman times.*”¹

Do I hear applause? Wait, there's more. Molnar claims he found the first reference of the star of Bethlehem outside the Bible, in a 4th century manuscript, *The Mathesis*, written by Roman astrologer, Firmicus Maternus. Apparently Maternus described a Jupiter occultation by the Moon in Aries, saying it signified the birth of a divine king. After studying the event and deciding the Magi would have recognized its significance, Molar concluded that *the star* had been a double occultation of Jupiter in the vicinity of eclipses on March 20, 6BC and again on April 17, 6 BC.

Molnar attributed the importance of Aries from researching *The Tetrabiblos*, where he claims Ptolemy

indicated that Aries signified the people of Judea, Idumea, Samaria, Palestine, and Coele Syria, lands ruled by King Herod. A collector of ancient coins, Molar thought that one in his possession, seemingly of the ram of Aries, was issued by the Romans of Antioch to commemorate their 6 AD takeover of Judea and illustrated how the Magi would have looked to Aries for events involving Judea. He further cited the prophecy of Balaam (Num. 24:17) that said the Messiah would be revealed by a regal star. Since immemorially Jupiter had been the regal planet associated with kings and coronations, the prophecy seemed to confirm his conclusion.

As will be seen after we review the conjunction contenders, each involved Jupiter, traditionally associated with Pisces rather than Aries. However, Molnar's explanation as to why he felt the reference in *The Mathe-sis* was *sans* names seemed most relevant. He contended that since Roman astrology was popular, everyone reading the book would have known the reference was to Jesus and that the event was the star of Bethlehem. As a converted Christian, Maternus veiled his astrological knowledge because early Christianity attributed astrology to pagan beliefs and would frown on such justification of the Bible. As a result, the true nature of the star and its roots were hidden—sound familiar? No doubt Molnar has hit on a crux that may have greatly contributed to the star's perplexing mystery.

Comet or Supernova?

Other theories have been a supernova or comet. Halley's comet, however, can be eliminated since its appearance in 12 BC is well outside the likely time frame.

Other astronomers have touted the best star candidate as one of the objects noted in the ancient Chinese Chronicle, *Ch'ien-han-shu*, in 5 and 4 BC. The claim says the Chinese sky watchers in 5 BC saw a broomstar, a comet, with a tail that seemed to sweep the sky for 70 days, giving ample time for the Magi to reach Jerusalem from Persia. Indeed, it would be quite possible for a comet to travel 1-2° per day in order to swing 90° from east to south during their journey.²

On the other hand, a question exists whether the sighting in 4 BC was a comet or a supernova since no tail or motion was recorded. Some authorities interpret that there were three sightings in 5-4 BC, two comets and one supernova, all in the constellation, Capricorn. However, a nova in the constellation Capricorn would be almost 40° away from the galactic plane where most stars in our galaxy are found; therefore this would be an extremely rare event and another reason why some attribute the 4 BC sighting to a comet.³

Nonetheless, Dr. Kidger, a British astrophysicist, contended that the star was a nova and would have been particularly significant because it was a part of a series of strange sky events: "*It's hard to believe the star of Bethlehem could have been anything else.*" In 1925, a nova now known as DO Aquilae was seen very close to the position in the sky given by the *Ch'ien-han-shu*. It was not visible to the naked eye, but Kidger believes an earlier, greater explosion of the star or even a faint one nearby could have been the star. He concluded: "*Whatever it was, we are probably close to being able to identify the star. If it was a nova, the telltale cloud of hydrogen gas that it ejected is probably still just detectable, and will one day give the star away.*"⁴

Even so, against either a comet or supernova, arguments abound. Like a nova, a comet was regarded as heralding important events, but to the hairy comets, Roman and Greeks astrologers historically attributed ominous portents, and a far cry from regal births. Another argument against either would have been their high visibility, not just to the Magi, but to everyone.

According to Matthew, King Herod and his advisers didn't know about the star until the Magi arrived at court. That the star sighting was not widely noted, implies that rather than a conventional star, it might have been a *sign in the heavens*, such as a conjunction.

Jupiter in 3 and 2 BC

Ernest Martin was the first to write of a series of spectacular conjunctions in 3 and 2 BC involving Jupiter that according to him was the royal Star of David. As if there hasn't been enough to justify Jupiter as a party to the event, he says that in Hebrew, Jupiter was known as *Sedeq* or *Righteousness*, a term also used for the Messiah.⁵

Martin began with the morning of June 12, 3 BC, when Venus was sighted close to Saturn in the east. Then on August 12, 3 BC also in the east, Venus (of fertility) joined Jupiter in Leo, the sign of kings and the lion of Judah. Between September of 3 BC and June of 2 BC, Jupiter met Regulus, the fixed star associated with kings (now, three kingly portents), stationed retrograde, passed Regulus again, then stationed direct and met Regulus a third time. On the evening of June 17, 2 BC in an exceptionally rare spectacle, Venus approached Jupiter so closely that with the naked eye, they would have looked like a single star. This actually occurred twice, one on August 12, 3 BC in the east and the second in the west on June 17, 2 BC.

Another rare astronomical event, a close grouping of Mercury, Venus, Mars and Jupiter, occurred 72 days after the conjunction of Jupiter and Venus, on August 27, 2 BC. On September 11, 3 BC., Jupiter was not

only close to its first conjunction with Regulus, but the New Moon occurred in the Virgo constellation of obvious symbolism. September 11, 3 BC, also marked the beginning of the Jewish New Year, traditionally known as the anniversary of Noah's landing after the Great Flood.⁶ (One can see from this alone that there is more connotation to September 11, 2001, than merely the emergency number, 911.)

Craig Chester later writing about the same sequence, exclaimed: *"This would have been enough for at least three astrologers to go to Jerusalem and ask Herod 'Where is he that is born King of the Jews'."* Chester added an exclamation point: *"Calculations indicate that there has never been a brighter, closer conjunction of Venus and Jupiter so near to the bright star Regulus in Leo in the 2000 years before or since."*⁷

As strikingly fitting as this scenario may seem, other authorities argue the conjunction would have been too low on the horizon in Persia to be seen, leaving one more contender, the most famous and widely discussed, the Jupiter-Saturn dance in 7 BC.

Jupiter-Saturn in 7 BC

In 1603, shortly before Christmas, Johannes Kepler, through his elementary telescope, was observing the conjunction of Jupiter and Saturn in the constellation, Pisces. In his eyes, the two planets appeared as one large star. However, Kepler suffered childhood smallpox and had permanently damaged eyesight so this may or may not have been how the planets looked to anyone else. At the time, Kepler's memory shot back to writings of Rabbi Abravanel from the 1400s describing that a conjunction of Saturn and Jupiter in Pisces would herald the Messiah. Thus, Kepler concluded he had found the Star of Bethlehem, although later this hypothesis was rejected.⁸

In 1925, Kepler's hypothesis was re-examined after references were found in the cuneiform tablets from the archives of the School of Astrology at Sippar in Babylonia, dating from the Old Babylonian periods. It was found that positions of Jupiter and Saturn in Pisces were recorded over a period of five months in 7 BC, showing that the conjunction was observable three times over the year in May, September and December. Ever since this discovery, the Jupiter-Saturn pairing has been a serious contender. One more stunning sign related to the series, followed in late February 6, BC, when Mars came close to the two outer planets—one that Strobel suggests would occur only once in 800 years.⁹

Whether the Jupiter-Saturn conjunction qualifies as the star or not, it definitely qualifies as a prelude to social and political evolution. Long ago the ancients noted

that Jupiter-Saturn cycles sub-divided time into hundreds of years and that economic and political change followed. An example is Rome.

During this same epochal time frame, Rome was in its heyday with Caesar Augustus, celebrating 750 years since its founding. By the 3rd Century AD, the Roman peace had vanished in the frontier and in central districts of Greece, Asia Minor and Italy itself. Fortification of Rome by Aurelian was a testimony to the altered conditions. War, plague and famine had thinned the population and crippled the resources of the provinces wherewith the culture of the Mediterranean world went into a rapid decline. Although, attributed by historians to barbarian immigration and allowing their entry into the Roman army (leading to the sacking of Rome in 410), the downward trend of the 3rd Century AD¹⁰ was in the final years of the first Roman 800-year Jupiter-Saturn Grand Cycle—years that marked in another way, a unique turning point in the history of all civilization.

Emphatically marked by the triple series of the 7 BC conjunctions in both the constellation *and* zodiacal sign of Pisces, was the only time in one Precession cycle that they occurred so close to the Vernal Equinox, while in turn, the Vernal Equinox was closest to the Aries-Pisces constellation boundary—the triple whammy signal that the Precession of Equinoxes had marched from Aries to Pisces. Strikingly punctuated was the end and beginning of a World-Age.¹¹

A strong case can be made for Jupiter-Saturn conjunctions as the definitive herald for World Age changes. Although a series of three is the largest number of Jupiter-Saturn conjunctions in one 20-year period, the occurrence is only somewhat rare; 16 have occurred in the past 2000 years or 16% of the total. Nevertheless as a World Age proclamation, the greatest number possible would be expected; thereby, a triple conjunction was more than likely anticipated by the Magi as a clue.

Specifically, the Jupiter-Saturn conjunction cycle is 794.25 years (one Grand Cycle). In each 794.25-year period, the conjunctions occur at the rate of 19.859 years at an advance of about 117-123°. After three conjunctions, by connecting their points, a near equilateral triangle is formed (Figure 1, next page). The last conjunction of the three (after 59.577 yrs.), occurs at an average advance of 8.93° forward through the zodiac, creating a triangular pattern, called the Rotation of the Trigon (Figure 2, next page). Any one of the corners of the triangle will cover about 30° in roughly 200 years and completely circle the zodiac in 2382.75 yrs (794.25 yrs. times three Grand Cycles)—not too far from the span of a World Age.

One way of many to compare the average Grand Cycle to the range of Precession (from 25,413.6 to 25,976.0 yrs.¹²), depending on which authority one quotes, the Precession median (25,694.8) divided by the Jupiter-Saturn Grand Cycle (794.25) results close to 33 (32.35) conjunctions—33?!?—this is only the beginning of the symbolism.

A Critical Point in Time

As monumental as is a change in a World Age, this particular one presented an awesome difference. Here was the convergence of the Vernal Equinox with the beginning of the Aries and the end of the Pisces constellations, the only time in one cycle of the Precession of the Equinoxes, almost 26,000 years, that these would meet—two points that from the mists of time, have represented birth. The plot thickens.

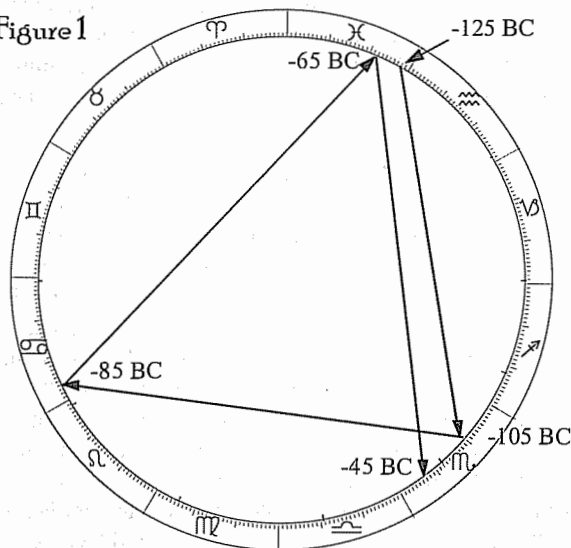
If ever there was a signal of the evolution of mankind, this was it! Magnificently accentuated was the powerful Cardinal Cross as the tropical Vernal Equinox merged with the last degree of the constellation Pisces. This was the single time in a Precession cycle, that tropical 0° Aries would conjunct its antiscion in the sidereal zodiac at 29° Pisces, equating to a World Age *change of seasons*, the first in 6000 years—and not just *any* season, but the one associated with the *renewal of life*. Is it any wonder that the Christian religion was associated with rebirth?—or that Christ is associated with the Alpha and Omega, the beginning and the end (read first and last point of the zodiac)?—or that the Son (read Earth) of God (read Universe) was associated with the cross (read Cardinal Points)?

Related to the visible heavens as a primary database of the period, a declination connection is played out in Cardinal Cross emphasis, one that dates back to the cuneiform tablets. Only two grand crosses exist in declination and are defined by their interface between antiscia and contra-antiscia. The Cardinal Cross consists of the only adjacent points that are both antiscia and contra-antiscia, 0° Aries and 29° Pisces to 0° Libra and 29° Virgo, likewise, 0° Capricorn and 29° Sagittarius to 0° Cancer and 29° Gemini (however, the latter set at the Solstices were not being emphasized). Interlacing at the Cardinal Cross midpoints, the other declination cross exists at 15° of the fixed signs where squared positions are again related by antiscia and contra-antiscia—seemingly even more powerfully since only *four* points are involved until recognized that the Cardinal Cross is composed of *two* degrees in *two* separate qualities, cardinal and mutable.

During this era, Libra wasn't represented as prominently as the other three signs, since Aries was the age passing; Pisces was the age beginning; and Virgo was eastwardly rising at sunset overseeing the nighttime sky. Most importantly though was the power point being grandly accentuated, in a way that can occur only once in 26,000 years. Existing was an interlacing of the first power points of the Cardinal Cross between both zodiacs, the fixed (or the tropical) and the moving (or the sidereal) and considerably more singularly impacting than the joining of the two Aries points since that signified the *end* of the Aries Age.

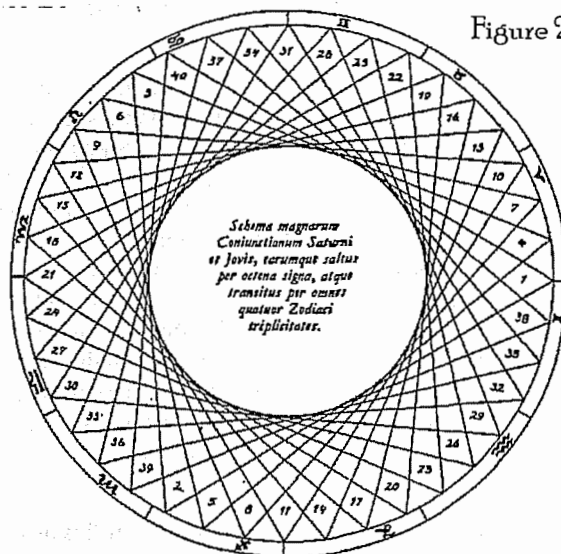
The joining of tropical 0° Aries with sidereal 29° Pisces magnanimously glorified and physically correlated the beginning of a *new precessional year*, setting

Figure 1



Connecting the points of three Jupiter-Saturn conjunctions forms a near equilateral triangle.

Figure 2



Rotation of the Trigon

a tone perhaps not just for the next 2000 years, or even the next 6000 of a World Season, but maybe for the entirety of a Precession Cycle.

Resplendent symbolism among the three signs Aries, Pisces and Virgo exists to this day. *Fisher of men*, *fisherman disciples*, *Ichthis* (Greek for *fish*) were Piscean terms. Whereas *Lamb of God* was from Aries, *Sacrificial Lamb* was a combination of both signs, Pisces and Aries. *Virgin and virgin birth* was, of course, implicating Virgo. Even the name of the town didn't escape; attached to Virgo associated with a staff of grain, Bethlehem means *house of bread*.

Then there is the little matter about renumbering the years by the monk, Dionysius Exiguus who left out the year 0 and started over with the 1st Century AD (AD for *anno Domini*, Latin for *in the year of our Lord*). Is this too a missing piece of the great puzzle? There's much to ponder. How wonderfully this piece matches as the beginning of a new World Season, if not the beginning of a new Precession Year. One wonders.

But *What* was that Star?

Please bear in mind, the objective was to examine star possibilities, not the birth date of Christ—that's another scenario entirely. The age of Christ at the Magi's visit has never been unequivocally pinpointed—only that the Magi "... *saw the young child with his mother, Mary...*" (Matt 2:11)¹³. In fact paranoid Herod was so unsure as to the child's age that he had babies killed up to 2 years old.

With the exception of the comet and supernova, for reasons already given, a case could be made for each scenario left—if we don't take literally the word, *star*. Overwhelming evidence exists for the triple 7 BC Jupiter-Saturn conjunction to have played a significant role. Even so, this was the joining of two planets—and *conjunction* doesn't read *star*.

Much ado has been made about the star moving and/or vanishing and reappearing based on the passage of Matthew 2:9 . . . "*and, lo, the star which they saw in the east, went before them, till it came and stood over where the young child was. When they saw the star, they rejoiced with exceeding*

great joy."¹⁴ Many interpret this passage to mean that the celestial object vanished and reappeared, indicating two events possibly several months apart. Personally great difficulty occurs to conclude such interpretation. Moreover, there has been ample opportunity for misinterpretation of the facts even by the ancient writer. Matthew who wrote some 40-70 years after the fact, wasn't an eyewitness to the event or known to be keen on astronomy. Further contributing could have been mis-translations of Biblical idioms considering the multiple changes from ancient Hebrew, to Greek, to Roman, to old English.

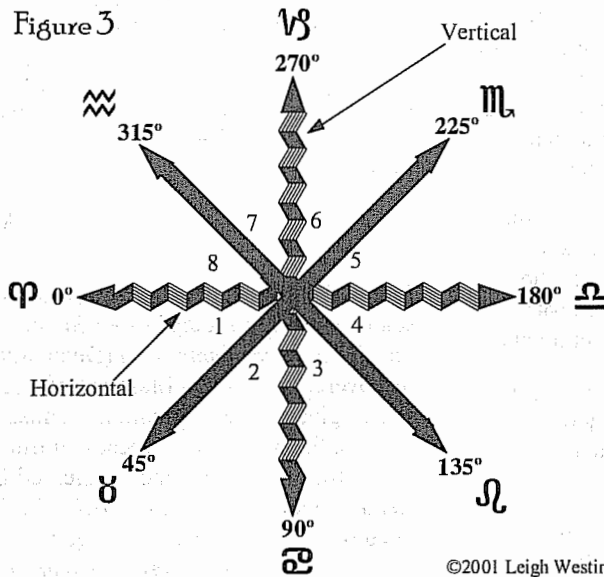
However, one major astronomical point is that *any* star rising in the east would have appeared to move across the heavens in the night and the same for *any* conjunction. One issue to which great exception is taken, is the idea of a retrograde planet *standing* over one spot—in a position related to the constellations or zodiacal sign, yes—but virtually impossible related to Earth's night sky unless Earth's daily rotation came to a halt.

Overlying all other significance was the change of the World Age, indicated to the Magi by the constellation rising in the night sky at the Vernal Equinox. Since the Sun would have been setting in Pisces, wouldn't the constellation rising have been Virgo? Isn't the first magnitude star associated with Virgo, Spica? Indeed!

Between 10 BC to 10 AD, at the Vernal Equinox was the fixed star, Spica—rising *due east* at Bethlehem's latitude.¹⁵ How more befitting could it have been—the brightest light within the constellation of the Virgin, rising in the east, announcing the universal gestation of an avatar.

Eloquently Vidler wrote:...."
from the earliest records up to the

The two crosses in declination, Cardinal and Fixed comprise the 45° of midpoint fame, and which I proposed as the original octagon chart. The intricacies of the configuration involve antiscia and contra-antiscia, which in turn are midpoints of the Cardinal Cross, antiscia being the midpoint of its vertical and contra-antiscia being the midpoint of its horizontal.



present day Spica has commonly represented a divine ear of corn, i.e. a divine seed in the virgin. The possible origin of this metaphor associating Spica with the virgin's divine seed is found in the myth of Osiris and the goddess Isis....thus Spica has long represented the seed of a god in stellar form. This divine seed was 'born' on the horizon only when it crossed the cardinal point due east and this transit took place at the time in history when the Magi announced the birth of a Messiah."¹⁶

In the 19-year period of Spica rising at the Vernal Equinox, what would have been a confirming sign to the Magi that zeroed more closely that an avatar's birth was a twinkle in eye of the universe? Wouldn't it have been the planets associated with social and political change, Jupiter and Saturn? Only after the third conjunction in December of 7 BC, would the impact of the triple series have been recognized as heralding the new World Age.

In those days, preparation for a long journey would have taken a month or two, maybe more. Another month or so traveling brings the Magi arriving in Bethlehem in the spring. Even so, no matter what year they would have been traveling, regardless if another sign of the birth occurred, spring logically would have been the favored travel choice to avoid traveling across snowy mountains. During the spring of any of the likely years, there was a real first magnitude star rising in the east. The Magi would have definitely been traveling from north to south when they headed to Bethlehem. Beyond them in the southern night sky would have been Spica. At its zenith each night, Spica could have appeared to be over Bethlehem, thus their great joy.

Final Thoughts

Overall, the monumentally significant event that the Magi would have recognized was the convergence of the tropical and sidereal Cardinal points, marked by a true star, Spica, rising in the east during the Spring Equinox, a singular occurrence in a precessional cycle—remarkably rising due east at Bethlehem!

Since Spica was a common sight in the heaven, the unlearned world, such as Herod and his advisors would have attached no great emphasis. Only the accomplished Magi who were known to be aware of precession, would have recognized the preeminence.

Associated with Spica and the constellation Virgo were powerful clues, the seed of a stellar god, the virgin birth, the virgin herself and even the name, Bethlehem, *House of Bread*.

Spica, amid its rich symbolism represented the hour hand on the cosmic clock, marking in the nighttime

sky, the turning of the World Age—and in this case, the turning of a *World Season*, the first in 6000 years and the only one associated with birth. All in all, Spica, sums to a set of pointedly awesome credentials.

We all know that major events require more than one sign. Yet in this case all the hands on the cosmic clock would have synchronized. With Spica as the hour hand, the minute hand would have been the triple trumpet announcement by the Jupiter-Saturn conjunctions of the oncoming change of the World Age. Perhaps a second hand marker for Christ's birth was the Mars, Jupiter and Saturn configuration in 6 BC or one of the striking scenarios in 4 or 3-2 BC—or maybe yet one undiscovered. But as for a *real star in the east*, my bet settles overwhelmingly on Spica.✧

Endnotes

- 1 Molnar, Michael, *The Star of Bethlehem: Legacy of the Magi*. Rutgers University, 1991
- 2 Strobel, Nick, *Astronomy Notes*. McGraw-Hill, 1999.
- 3 Ibid.
- 4 Kidger, Mark, *Star of Bethlehem: an Astronomer's View*. Princeton University Press, 1999.
- 5 Martin, Ernest L. *The Star of Bethlehem: The Star That Astonished The World*. Portland: ASK Publications, 1996.
- 6 Ibid.
- 7 DeVore, Craig. "The Star of Bethlehem," *Imprimus*, December 1993, 22(12). Hillsdale, MI.
- 8 Casper, Max, *Kepler*, New York. 1990.
- 9 Strobel, Nick, *Astronomy Notes*. McGraw-Hill, 1999.
- 10 *Encyclopedia Britannica*, 1990.
- 11 Santillana, Georgio, and von Dechend, Hertha. *Hamlet's Mill: An Essay On Myth and the Frame of Time*. Boston: David R. Godine, 1977.
- 12 DeVore, Nicholas, *Encyclopedia of Astrology*. NY: Philosophical Library, 1947.
- 13 *Holy Bible*, St. James Version.
- 14 Ibid.
- 15 Vidler, Mark, *The Star Mirror*. Thorsons, 1998. Via *SkyMaps*, a sophisticated stellar computer program, the bright fixed stars arrival times on the celestial equator are:

Regulus 8780 BC,	Pollux 7270 BC,
Procyon 3800 BC,	Antares 3700 BC,
Aldebaran 2100 BC,	Betelgeuse 1380 BC,
<i>Spica 10 BC – 10 AD</i>	

16 Ibid.

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Leigh Westin (MS; MA; DF Astrol. S; CA, NCGR), researcher-author, protégé of Kt Boehrer and long-term editor of *The Other Dimension* (Declination SIG Journal), discovered Venus and Mars out-of-bounds in fixed signs and originated the declination premise from Earth's dynamics; the basis and advocacy of true antiscia; Lunar Standstill parameters; and progressed LunarSeasons™. Leigh's book, *Beyond the Solstice by Declination*, was cited by *The Mountain Astrologer* for its "wealth of information . . . by a highly creative astrological thinker."

Ross Harvey's Life Span Revolution

by Kennet Gillman

Ross Harvey,¹ an Australian, first introduced his discovery of the Life Span Revolution in serial form in Dymock Brose's Astrologers' Forum nearly 20 years ago. His two articles were reprinted in 1992-93 in *Considerations*. Kennet Gillman in an interestingly imaginative style reproduces this effective technique herein, so this valuable work not be forgotten.

In his introduction to *The Life Span Revolution* booklet, Ross Harvey concludes by stating: "The LSRev can be used to predict major planetary influences which come to pass in the subject's life. The LSRev is particularly useful for predicting those important influences which will change the course of a person's life, and will do so more reliably than primary directions or secondary progressions."²

Readers should be warned that when I first advised the astrology world that *Considerations* was to publish detailed explanations for identifying when a person's life can be expected to end, there were angry reactions from a few astrologers in both the United States and Europe. I was informed that this was not at all something the astrologer should know. I disagree. The timing of death was an important subject in most astrology books published in the two thousand years up to the time that our art-science began to nervously demean itself in the hands of Alan Leo and his fellow Theosophists, a trait that continued throughout the 20th century, especially in the English-speaking world. Knowledge of the end of life is not something the details of which should be conveyed to a client—it can be wrong to do that—but death is very much a part of an individual's journey through life and only a fool tries to ignore it.

The following combines three of the articles that I have written on the Life Span Revolution (LSRev). The first, written in January 2003, is a fully worked

example of identifying the length of an individual's life, in this case Hitler's, using information that would have been public knowledge six years before he died. The second, part of one written in December 1994, demonstrates the value of the LSRev in the rectification of the birth time. The third, from 1995, is part of another worked example of finding the LSRev rate and hence the length of a person's life.

Adolf Hitler and the Life Span Revolution³

Let's go back in time. Imagine, if you will, that it is September 1939, and we are a small group of astrologers working in a highly secret establishment somewhere in Virginia. The newspapers this morning headlined Germany's invasion of Poland. Our employers believe that Germany is presently dominated by a single man to such an extraordinary degree that were he to die, the current militaristic direction of that country would end and peace would soon follow with a minimum loss of life. Accordingly, we have been asked to compute the German leader's probable life span—whether or not this is to determine the viability of a proposed covert mission, we do not know and do not ask. The German leader's name is Adolf Hitler. We have been provided with three items of information:

- A copy of Herr Hitler's birth certificate, which states he was born at 6:30 pm local time on April 20, 1889 in Braunau, Austria (48N15, 13E03).
- The manuscript of a not yet published book, tentatively entitled *Tierkreis und Hakenkreuz*, by a Wilhelm Wulff, an astrologer employed by the German government, suggests an earlier birth time, 6:03:53 MET. This alternate time is the result of Herr Wulff's detailed rectification.⁴
- A dated listing of major events in the life of the German leader⁵ (see Table 1, page 69).

In addition, we are informed that as a young man Hitler was an unsuccessful artist, and that sometime during his youth he became an ardent German nationalist. During the 1914-18 War he served in the German army, was wounded and received two medals for bravery. His story is bizarre. A foreigner—he was born in Austria, not Germany—without formal education, money, political experience or connections, he has in a very short time, appeared from nowhere to become the leader of a major world power. He is apparently an extraordinary orator, able to move people to significant action simply by his words and elaborate gestures, and he completely dominates his government.

We compare the two birth times and find the earlier one from Wilhelm Wulff to better relate to the nature and timing of the events we have been given.⁶

In Hitler's horoscope, illustrated in Chart 1, Uranus is close to the rising degree; the antiscion of Pluto falls conjunct the MC; the Moon and Jupiter are conjunct in Capricorn, a sign in which both are weak; Neptune and Pluto are widely conjunct in Gemini, an aspect common to all born around this same time; and there is a triple conjunction of Venus, the ascendant ruler, with Mars, the antiscion of Saturn. This Venus conjunct Mars and Saturn is particularly difficult. Clearly, the native has experienced an extraordinary amount of tension in his life, and there are strong indications that he reacts negatively to such tension. He is an angry man, with a major chip on his shoulder.

The ascendant ruler in the 8th, afflicted or not, is the well-known *causes own death* indicator. It doesn't tell us *when* though. We decide to use Ross Harvey's Life Span Revolution approach to fulfill our mission. As Ross will not be born

until June 1949, details of how we obtained knowledge of his future discovery, a decade before his birth, cannot be discussed at this time; this information is classified.

As Ross Harvey will eventually explain:

The premise of the Life Span Revolution is that the whole horoscope makes one complete revolution—corresponding to the rotation of the earth in the twenty-four hours after birth—in both direct and converse motion during the course of one's life, and that death ensues when the angles return to their original positions. The rate at which this happens has to be determined by correlating conjunctions of the direct and converse angles with the age at which major life-changing events occurred.⁷

Usually, when using Ross Harvey's LSRev to identify the length of an individual's life, as an initial step, we relate deaths in the family with the movement of angles to conjunct natal Mars. For Hitler, however, this is a problem. The key deaths in his life, those of his mother, father and brother, all occurred before Hitler was 19 years old, and we know that estimates of the LSRev rate associated with events in the first two decades of life can be misleading.

After much discussion, the group selected eight of the events that occurred in Hitler's life after he passed the age of 20. These were:

1. The recent invasion of Poland on September 1, 1939, which should relate to aspects formed by the directed MC, and not by those formed by the moving ascendant.
2. Hitler becoming Chancellor of Germany on January 30, 1933, another directed MC event.
3. The suicide of his girl friend, Geli, on September 17, 1931. Here, we can focus on conjunctions and oppositions to the directed descendant.
4. Publication of the best-selling *Mein Kampf* on July 18, 1925, an MC event.
5. His arrest on November 10, 1923, following the previous day's failed Munich putsch. As this was a restraint of freedom, it involves the directed ascendant.
6. Being blinded by gas on October 14, 1918, an ascendant event.
7. Wounded in the thigh on October 7, 1916, a directed ascendant event.
8. Joining the German Army on August 16, 1914, an MC event.

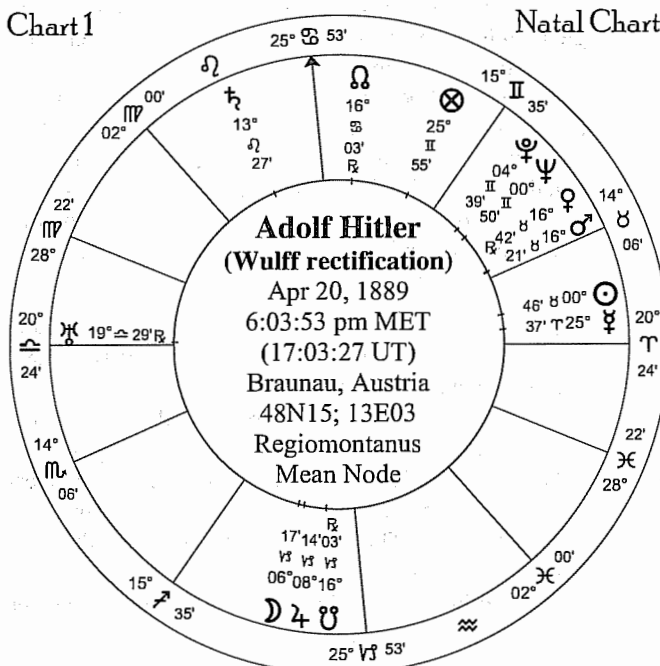


Table 1 - Some Known Events in the Life of Adolf Hitler

4/20/1889	Birth in Braunau, Austria
3/24/1894	Brother Edmund born
1/21/1896	Sister Paula born
2/2/1900	Brother Edmund died
9/17/1900	Began High School
1/9/1902	Maternal grandfather died
1/3/1903	Father died
9/16/1905	Drunk. The only time this occurred.
2/8/1906	Maternal grandmother died
1/7/1907	Mother's breast removed
12/21/1907	Mother died
2/17/1908	Moves to Vienna
2/9/1910	Moves into hostel
12/1/1910	Receives a substantial bequest from Aunt
5/25/1913	Moves to Munich, Germany
8/16/1914	Joins the German army as a private soldier
10/7/1916	Wounded in the thigh
3/1/1917	Returns to his regiment after medical leave
10/14/1918	Blinded by gas
11/11/1918	Germany defeated. Feels ashamed.
10/16/1919	His first public speech
8/13/1920	Major speech
5/1/1922	His Nazi party is defeated by Reds
9/30/1923	Sees astrological prediction for him by Elsbeth Ebertin
11/9/1923	Failed putsch in Munich
11/10/1923	Arrested
12/20/1924	Released from prison
2/27/1925	Returns to public life
7/18/1925	First volume of <i>Mein Kampf</i> published
9/17/1931	His girlfriend, Geli, kills herself
7/31/1932	His Nazi party receives 37.3% of vote in elections
1/15/1933	Wins national election with 37.6% of the vote
1/30/1933	Become Chancellor of Germany
11/25/1936	Signs Berlin-Rome-Tokyo treaty
9/1/1939	Invasion of Poland

Table 2 was constructed before any event was examined. It lists the right ascension on the midheaven (RAMC) when a particular planet or point is conjunct one of the four angles. While longitude is the distance a planet is from 0° Aries along the ecliptic (the apparent path of the Sun in the sky), right ascension is the distance from 0° Aries along the celestial equator. The difference between the ecliptic and the equator is that, other than when the two paths cross at the times of the equinox, the ecliptic is set off from the equator at an angle of some 23.4°, the angle that we call *obliquity*. For example, Mercury 23°45' in the column headed, Planet Conjunct Midheaven, in Table 2 means that the RAMC of Mercury, when it is conjunct the midheaven, is 23°45' of right ascension. As will be obvious, this type of table is of great help in identifying the angular conjunctions that occur within specific age ranges. The RAMC values listed in Table 2 are zodiacal conjunctions.⁸

Event 1: Invasion of Poland on September 1, 1939

We begin with the recent invasion of Poland. We do so for purely practical reasons, as Hitler's life span must extend from this invasion—he was then 50 years and 5 months old—to sometime in the future. Hitler's age = 50.39452 years. Were Hitler to die immediately, the LSRev rate would

Planet conjunct Midheaven	Planet opposite Midheaven	Planet conjunct Ascendant	Planet opposite Ascendant	Table 2 - RAMC when Planet-Point at the Angles (Sorted in RAMC sequence, within specific angle)			
Mercury	23°45'	Uranus	17°59'	Midheaven	2°25'	Mercury	125°02'
Sun	28°40'	Ascendant	18°50'	Saturn	26°11'	Sun	132°08'
Mars	43°54'	Moon	96°51'	Uranus	116°37'	Mars	153°35'
Venus	44°14'	Jupiter	98°58'	Ascendant	117°51'	Venus	154°03'
Neptune	58°42'	Mercury	203°45'	Moon	215°41'	Neptune	173°13'
Pluto	62°42'	Sun	208°40'	Jupiter	217°39'	Pluto	178°16'
Node	107°25'	Mars	223°54'	Mercury	282°28'	Node	225°01'
Midheaven	117°51'	Venus	224°14'	Sun	285°11'	Midheaven	233°17'
Saturn	135°56'	Neptune	238°42'	Mars	294°13'	Saturn	245°40'
Uranus	197°59'	Pluto	242°42'	Venus	294°26'	Uranus	279°22'
Ascendant	198°50'	Node	287°25'	Neptune	304°11'	Ascendant	279°49'
Moon	276°51'	Midheaven	297°51'	Pluto	307°08'	Moon	338°01'
Jupiter	278°58'	Saturn	315°56'	Node	349°48'	Jupiter	340°18'

be $360^\circ \div 50.4 = 7.14^\circ$ per year. In that case the angles would have circled completely around the circle and be back at their starting positions. Alternatively, Hitler could live to be 90, in which case the rate would be $360^\circ \div 90 = 4^\circ$ per year. Were this so, the RAMC at the time of Hitler's invasion of Poland would be $50.39452 \times 4^\circ = 201^\circ 35'$.

Hitler's father, born June 7, 1837, died at age 65 years, 7 months. We could take that life span as an initial estimate for Hitler. Due to the importance of our imaginary mission, we will instead work initially with the wider range. Begin by adding and subtracting the 90-year increment of $201^\circ 35'$ to and from the natal RAMC of $117^\circ 51'$:

<i>Direct RAMC</i>	<i>Converse RAMC</i>
117°51'	477°51'
+ 201°35'	- 201°35'
= 319°26'	= 276°16'

As the act of invasion or going to war is a 7th house event, we can ignore conjunctions and oppositions made by the direct and converse MC and concentrate solely on those made by the direct and converse ascendant and descendant. Refer to the column in Table 2 headed *Planet conjunct Ascendant*. The direct ascendant, starting at $319^\circ 26'$, has already passed Pluto (RAMC = $307^\circ 08'$) and its next conjunction will be with the Node at $349^\circ 48'$. Thereafter, the directed ascendant (crossing to the top of the same column) will conjunct the midheaven (RAMC $2^\circ 25'$), Saturn ($26^\circ 11'$) and Uranus ($116^\circ 37'$) before reaching its natal position at $117^\circ 51'$.

Similarly, for the directed descendant, for which we use the column headed *Planet opposite Ascendant*. Were Hitler to live to age 90, the directed descendant of $319^\circ 26'$ would already have opposed the natal ascendant (RAMC = $279^\circ 49'$) but will still go on to conjunct the Moon ($338^\circ 01'$) and Jupiter ($340^\circ 18'$).

We repeat the same exercises using the converse RAMC as our entry into the same two columns of Table 2. Now, however, these being converse directions, we move in the opposite direction within each of the two columns. Using the *Planet conjunct Ascendant* column, we see that the converse ascendant will make two conjunctions, first conjunct Jupiter ($217^\circ 39'$) and then conjunct the Moon ($215^\circ 41'$). Using the *Planet opposite Ascendant* column, should Hitler live for up to 90

years, the converse descendant will move to conjunct Saturn ($245^\circ 40'$), then conjunct the midheaven ($233^\circ 17'$), conjunct Node ($225^\circ 01'$), conjunct Pluto ($178^\circ 16'$), conjunct Neptune ($173^\circ 13'$), conjunct Mercury ($154^\circ 03'$), conjunct Mars ($153^\circ 35'$), conjunct the Sun ($132^\circ 13'$) and finally, conjunct Mercury ($125^\circ 02'$).

Tables 3a and 3b list what we have learnt so far.

In Table 3a, *column a* lists the aspect made by the directed ascendant and descendant; they are expressed in terms of their conjunction or opposition to the ascendant. *Column b* lists the associated RAMC, taken from Table 2. The difference between this directed RAMC and the birth RAMC ($117^\circ 51'$) listed in *column c* is the arc over which the directed angle has traveled to this time. The annual rate given in *column d* is the arc divided by Hitler's age (50.39452 years). Finally, in *column e*, Hitler's life expectancy is the number of years it will take for the annual rate to sum to 360° .

There is a single calculation change in Table 3b from those of Table 3a. It occurs in *column c*. For converse directions, the RAMC must move backwards.

In our imaginary situation, our employers would be overjoyed by the direct motion's ascendant conjunct Uranus estimate, but it is much too soon to suggest that the German leader's life will end in his current 51st year. Assuming we are correct that this Poland event involves the ascendant and not the MC, it is unlikely that Hitler will get to be 90 years old. Based on this single event, the different estimates of his life span range from 50.6 to 82.4 years, with the range of likely LSRev rates going from 4.3° to 7.1° per year. Using this abridged range will slightly reduce computations for the second event we examine.

Table 3a - Ascendant and Descendant to Hitler's planets at the time of Poland Invasion by Direct Motion

<i>Directed Aspect of Ascendant</i> a	<i>Directed RAMC</i> b	<i>Arc RAMC - 117°51'</i> c	<i>Annual Rate Arc/50.39452</i> d	<i>Length of Life 360/Rate</i> e
conjunct Node	349° 48'	231° 57'	4.60268°	78.215 yrs
conjunct MC	2° 25'	244° 34'	4.85304°	74.180 yrs
conjunct Saturn	26° 11'	268° 20'	5.32465°	67.610 yrs
conjunct Uranus	116° 37'	358° 46'	7.11916°	50.568 yrs
opposite Moon	338° 01'	220° 10'	4.36886°	82.401 yrs
opposite Jupiter	340° 18'	222° 27'	4.41417°	81.556 yrs

Table 3b - Ascendant and Descendant to Hitler's planets at time of Poland Invasion
by Converse Motion

<i>Converse Aspect of Ascendant</i> a	<i>Converse RAMC</i> b	<i>Arc</i> 477°51' - RAMC c	<i>Annual Rate</i> Arc/50.39452 d	<i>Length of Life</i> 360/Rate e
Conjunct Jupiter	217° 40'	260° 11'	5.16293°	69.728 yrs
Conjunct Moon	215° 46'	262° 05'	5.20063°	69.222 yrs
Opposite Saturn	245° 41'	232° 10'	4.60698°	78.142 yrs
Opposite Midheaven	233° 19'	244° 32'	4.85238°	74.190 yrs
Opposite Node	225° 03'	225° 48'	5.01642°	71.764 yrs
Opposite Pluto	178° 17'	299° 34'	5.94443°	60.561 yrs
Opposite Neptune	173° 14'	304° 37'	6.04464°	59.557 yrs
Opposite Venus	154° 03'	323° 48'	6.42530°	56.028 yrs
Opposite Mars	153° 35'	324° 16'	6.43456°	55.948 yrs
Opposite Sun	132° 13'	345° 38'	6.85855°	52.489 yrs
Opposite Mercury	125° 02'	352° 49'	7.00109°	51.421 yrs

Event 2: Wounded on 16th August 1914

Age = 27.446575 years:

Arcs: 4.3 x Age = 118° 01'; 7.1 x Age = 194° 52'

Direct RAMC

4.3° rate 7.1° rate
117° 51' 117° 51'
+ 118° 01' + 194° 52'
= 235° 52' = 312° 43'

Converse RAMC

4.3° rate 7.1° rate
477° 51' 477° 51'
- 118° 01' - 194° 52'
= 359° 50' = 282° 59'

This event again involves only the ascendant and descendant. Now we will range only from 235° up to 313° with the Direct RAMC, and from 360° back to 282° with Converse RAMC. (See Tables 4a below and 4b on the next page.)

Table 4a - Ascendant and Descendant to Hitler's planets at time of his thigh wound
by Direct Motion

<i>Directed Aspect of Ascendant</i> a	<i>Direct RAMC</i> b	<i>Arc</i> RAMC - 117°51' c	<i>Annual Rate</i> Arc/27.446575 d	<i>Length of Life</i> 360/Rate e
Conjunct Mercury	282° 28'	164° 37'	5.99771°	60.023 yrs
Conjunct Sun	285° 12'	167° 21'	6.09730°	59.043 yrs
Conjunct Mars	294° 12'	176° 21'	6.42521°	56.029 yrs
Conjunct Venus	294° 25'	176° 34'	6.43310°	55.961 yrs
Conjunct Neptune	304° 09'	186° 18'	6.78773°	53.037 yrs
Conjunct Pluto	307° 06'	189° 15'	6.89521°	52.210 yrs
Opposite Saturn	245° 41'	127° 50'	4.65753°	77.294 yrs
Opposite Uranus	279° 21'	161° 30'	5.88416°	61.181 yrs
Opposite Ascendant	279° 48'	161° 57'	5.90055°	61.011 yrs

Table 4b - Ascendant and Descendant to Hitler's planets at time of his thigh wound by Converse Motion

Converse Aspect of Ascendant a	Converse RAMC b	Arc 477°51' - RAMC c	Annual Rate Arc/27.446575 d	Length of Life 360/Rate e
Conjunct Node	349° 47'	128° 04'	4.66603 °	77.153 yrs
Conjunct Pluto	307° 06'	170° 45'	6.22118 °	57.867 yrs
Conjunct Neptune	304° 09'	173° 42'	6.32866 °	56.884 yrs
Conjunct Venus	294° 25'	183° 26'	6.68329 °	53.866 yrs
Conjunct Mars	294° 12'	183° 39'	6.69118 °	53.802 yrs
Conjunct Sun	285° 12'	192° 39'	7.01909 °	51.289 yrs
Opposite Jupiter	340° 17'	137° 34'	5.01216 °	71.825 yrs
Opposite Moon	338° 03'	139° 48'	5.09353 °	70.678 yrs

Direct ascendant conjunct Mars is clearly appropriate for receiving a gunshot wound, especially as the Poland Invasion has converse ascendant opposite Mars with a similar 6.43° rate, which is again symbolically appropriate. Unfortunately, our imaginary employers are likely to require more evidence.

The range can be further reduced, extending now from a rate of 4.6 to one of 7.0. It is tempting to eliminate some conjunctions as being unlikely indicators for this event. Ascendant conjunct Venus would appear to be one such, but Venus is the ascendant ruler and a key significator of Hitler's health; and it is conjunct both Mars and the Saturn antiscion. Ascendant opposite Jupiter *could* relate to subsequent hospitalization, although I tend to doubt this.

Event 3: Becomes Chancellor of Germany on January 30, 1933

Age = 43.780822

Arcs: 4.6 x Age = 201° 24', 7.0 x Age = 306° 28'

Direct RAMC

4.6° rate	7.0° rate
117° 51'	117° 51'
+ 201° 24'	+ 306° 28'
= 319° 15'	= 64° 19'

Converse RAMC

4.6° rate	7.0° rate
477° 51'	477° 51'
- 201° 24'	- 306° 28'
= 276° 27'	= 171° 23'

This event involves the directed MC.

Table 5a - MC and IC to Hitler's planets when he became Chancellor by Direct Motion

Direct Aspect of MC a	Direct RAMC b	Arc RAMC - 17°51' c	Annual Rate Arc/43.780822 d	Length of Life 360/Rate e
Conjunct Mercury	23° 45'	265° 54'	6.07344 °	59.275 yrs
Conjunct Sun	28° 42'	270° 51'	6.18650 °	58.191 yrs
Conjunct Mars	43° 54'	286° 03'	6.53368 °	55.099 yrs
Conjunct Venus	44° 14'	286° 23'	6.54130 °	55.035 yrs
Conjunct Neptune	58° 42'	300° 51'	6.87173 °	52.389 yrs
Conjunct Pluto	62° 42'	304° 51'	6.96308 °	51.701 yrs
Opposite Uranus	17° 59'	260° 08'	5.94172 °	60.589 yrs
Opposite Ascendant	18° 50'	260° 59'	5.96113 °	60.391 yrs

Table 5b - MC and IC to Hitler's planets when he became Chancellor by Converse Motion

<i>Converse Aspect of MC</i> a	<i>Converse RAMC</i> b	<i>Arc 477°51' - RAMC</i> c	<i>Annual Rate Arc/43.780822</i> d	<i>Length of Life 360/Rate</i> e
Conjunct Uranus	197° 59'	279° 52'	6.39245 °	56.316 yrs
Conjunct Ascendant	198° 50'	279° 01'	6.37303 °	56.488 yrs
Conjunct Moon	276° 54'	200° 57'	4.58991 °	78.433 yrs
Opposite Mercury	203° 45'	274° 06'	6.26073 °	57.501 yrs
Opposite Sun	208° 42'	269° 09'	6.14767 °	58.559 yrs
Opposite Mars	223° 54'	253° 57'	5.80048 °	62.064 yrs
Opposite Venus	224° 14'	253° 37'	5.79287 °	62.145 yrs
Opposite Neptune	238° 42'	239° 09'	5.46244 °	65.905 yrs
Opposite Pluto	242° 42'	235° 09'	5.37107 °	67.026 yrs

Table 6a - Direct Aspects for 8 Events		<i>Associated Rate</i>	<i>Estimate of Life Span</i>
<i>Event</i>	<i>Direct Aspect</i>	in degrees	in years
Thigh wound	Ascendant conjunct Neptune	6.78773	53.037
Arrested	Ascendant conjunct Node	6.71173	53.637
Into Army	Midheaven opposite Node	6.69608	53.763
Chancellor	Midheaven conjunct Venus	6.5413	55.035
Chancellor	Midheaven conjunct Mars	6.53368	55.099
Arrested	Ascendant opposite Jupiter	6.43684	55.928
Thigh wound	Ascendant conjunct Venus	6.4331	55.961
Thigh wound	Ascendant conjunct Mars	6.42521	56.029
Blinded by gas	Ascendant conjunct Pluto	6.41966	56.078
Arrested	Ascendant opposite Moon	6.37077	56.508
Into Army	Midheaven conjunct Jupiter	6.36239	56.582
Blinded by gas	Ascendant conjunct Neptune	6.31961	56.966
Into Army	Midheaven conjunct Moon	6.27881	57.336
Chancellor	Midheaven conjunct Sun	6.1865	58.191
Thigh wound	Ascendant conjunct Sun	6.0973	59.043
Chancellor	Midheaven conjunct Mercury	6.07344	59.275
Blinded by gas	Ascendant conjunct Venus	5.98894	60.111
Blinded by gas	Ascendant conjunct Mars	5.98159	60.185
Thigh wound	Ascendant conjunct Mercury	5.99771	60.023
Chancellor	Midheaven conjunct Ascendant	5.96113	60.391
Chancellor	Midheaven conjunct Uranus	5.94172	60.589
Thigh wound	Ascendant opposite Ascendant	5.90055	61.011
Thigh wound	Ascendant opposite Uranus	5.88416	61.181
Geli suicide	Ascendant conjunct Saturn	5.78168	62.266
Blinded by gas	Ascendant conjunct Sun	5.67522	63.434
Blinded by gas	Ascendant conjunct Mercury	5.58308	64.481
Blinded by gas	Ascendant opposite Ascendant	5.4932	65.536
Blinded by gas	Ascendant opposite Uranus	5.47794	65.718
Arrested	Ascendant conjunct Pluto	5.47712	65.728
<i>Mein Kampf</i>	Midheaven opposite Saturn	5.4653	65.87
Arrested	Ascendant conjunct Neptune	5.39176	66.769
Invades Poland	Ascendant conjunct Saturn	5.32465	67.61
Geli suicide	Ascendant conjunct Midheaven	5.26959	68.317

To retain the estimate of a length of life to age 78, indicated in Table 5b by converse midheaven conjunct the Moon, we must also accept converse ascendant opposite Saturn for Hitler's Invasion of Poland. As the invasion was not the act of an uncertain, fearful person, which is how one would expect someone to be when the directed ascendant comes to conjunct or oppose Saturn, I tend to reject the idea that Hitler was experiencing converse ascendant opposite Saturn at that time. Therefore, converse midheaven conjunct the Moon for becoming Chancellor may also be rejected. This further reduces the likely life expectancy to a range from 51.7 to 67 years the LSRev rate ranging from 5.3 to 7.0. The favored rate of 6.4 remains very much in the running due to the converse midheaven conjunct Uranus.

All Eight Events

Rather than continue to present detailed tables for each of the remaining five events, the appropriate aspects for these have been merged with those already identified. Tables 6a (this page) and 6b (next page) list each of the

identified aspects in Life Span sequence, aspects for direct movement of the angles are distinguished from those obtained by converse movement. Examination of Tables 6a and 6b shows that aspects to appropriate planets in the 55-56 year age-span identify all the eight events. This does not occur for any other single year or contiguous pairs or trios of years. Table 7 lists these aspects.

Table 6b - Converse aspects, 8 events in Hitler's Life		Associated Rate	Estimate of Life Span
Event	Converse Aspect	in degrees	in years
Thigh wound	Ascendant conjunct Sun	7.01909	51.289
Mein Kampf	Midheaven opposite Mars	7.00671	51.379
Invades Poland	Ascendant opposite Mercury	7.00109	51.421
Geli suicide	Ascendant opposite Mars	6.98686	51.525
Geli suicide	Ascendant opposite Venus	6.9768	51.6
Invades Poland	Ascendant opposite Sun	6.85855	52.489
Blinded by gas	Ascendant opposite Neptune	6.73169	53.478
Arrested	Ascendant opposite Saturn	6.71848	53.584
Blinded by gas	Ascendant opposite Ascendant	6.71643	53.6
Thigh wound	Ascendant conjunct Mars	6.69118	53.802
Thigh wound	Ascendant conjunct Venus	6.68329	53.866
Mein Kampf	Midheaven opposite Neptune	6.59836	54.559
Geli suicide	Ascendant opposite Neptune	6.56382	54.846
Blinded by gas	Ascendant conjunct Sun	6.53441	55.093
Mein Kampf	Midheaven opposite Pluto	6.488	55.487
Geli suicide	Ascendant opposite Pluto	6.45501	55.771
Invades Poland	Ascendant opposite Mars	6.43456	55.948
Invades Poland	Ascendant opposite Venus	6.4253	56.028
Into Army	Midheaven opposite Saturn	6.39398	56.303
Chancellor	Midheaven conjunct Uranus	6.39245	56.316
Chancellor	Midheaven conjunct Ascendant	6.37303	56.488
Thigh wound	Ascendant conjunct Neptune	6.32866	56.884
Chancellor	Midheaven opposite Mercury	6.26073	57.501
Blinded by gas	Ascendant conjunct Mars	6.22804	57.803
Thigh wound	Ascendant conjunct Pluto	6.22118	57.867
Blinded by gas	Ascendant conjunct Venus	6.22069	57.871
Chancellor	Midheaven opposite Sun	6.14767	58.559
Invades Poland	Ascendant opposite Neptune	6.04464	59.557
Invades Poland	Ascendant opposite Pluto	5.94443	60.561
Blinded by gas	Ascendant conjunct Neptune	5.89001	61.12
Chancellor	Midheaven opposite Mars	5.80048	62.064
Chancellor	Midheaven opposite Venus	5.79287	62.145
Blinded by gas	Ascendant conjunct Pluto	5.78996	62.177
Arrested	Ascendant opposite Uranus	5.74333	62.681
Arrested	Ascendant opposite Ascendant	5.73031	62.824
Arrested	Ascendant conjunct Mercury	5.65363	63.676
Geli suicide	Ascendant conjunct Moon	5.64881	63.73
Geli suicide	Ascendant conjunct Jupiter	5.60643	64.212
Arrested	Ascendant conjunct Sun	5.57502	64.574
Mein Kampf	Midheaven conjunct Moon	5.54577	64.914
Mein Kampf	Midheaven conjunct Jupiter	5.48737	65.605
Geli suicide	Ascendant opposite Node	5.44771	66.083
Arrested	Ascendant conjunct Mars	5.31363	67.75

The average of the 18 different estimates of the life span listed in Table 7 = 56.028 years or 56 years, 0 months, 10 days. Based on this we would expect Hitler's life to end 10 days after his 56th birthday. *Hitler celebrated his 56th birthday on April 20, 1945. He committed suicide ten days later, on April 30, 1945.*

It is important to note two things about this exercise. First, it was done exactly as if the imaginary situation did exist, that nothing more was known about Hitler after September 1, 1939. The same approach should enable readers, wishing to do so, to calculate the expected life spans of any live person for whom sufficient dated events have been provided. Second, there has been no attempt at identifying and retaining only *appropriate aspects*. The converse direction ascendant opposite Venus for *Invades Poland* would have probably been eliminated had we retained only aspects we believed were appropriate. Yet, that particular ascendant opposite Venus aspect *exactly* identifies the length of Hitler's life.

Were we in the imaginary position of being in 1939 and having to inform our employers just how long we predict Hitler will live, we would not want to be say "a few days after his 56th birthday," not just yet. We would need to first confirm this estimate. To do so, we will move the Sun around the 360° zodiacal circle both directly and conversely, to see if this confirms our estimate for Hitler's life span.

Table 7 - Aspects that Identify Hitler's Life Span

Event	Aspect	Direct or Converse	Associated Rate	Estimate of Life Span
Invades Poland	Ascendant opposite Mars	Converse	6.43456	55.948
	Ascendant opposite Venus	Converse	6.4253	56.028
Thigh wound	Ascendant conjunct Venus	Direct	6.4331	55.961
	Ascendant conjunct Mars	Direct	6.42521	56.029
	Ascendant conjunct Neptune	Converse	6.32866	56.884
Chancellor	Midheaven conjunct Venus	Direct	6.5413	55.035
	Midheaven conjunct Mars	Direct	6.53368	55.099
	Midheaven conjunct Uranus	Converse	6.39245	56.316
	Midheaven conjunct Ascendant	Converse	6.37303	56.488
Arrested	Ascendant opposite Jupiter	Direct	6.43684	55.928
	Ascendant opposite Moon	Direct	6.37077	56.508
Into Army	Midheaven opposite Saturn	Converse	6.39398	56.303
Blinded by gas	Ascendant conjunct Pluto	Direct	6.41966	56.078
	Ascendant conjunct Neptune	Direct	6.31961	56.966
	Ascendant conjunct Sun	Converse	6.53441	55.093
Geli suicide	Ascendant opposite Pluto	Converse	6.45501	55.771
Mein Kampf	Midheaven conjunct Pluto	Converse	6.488	55.487

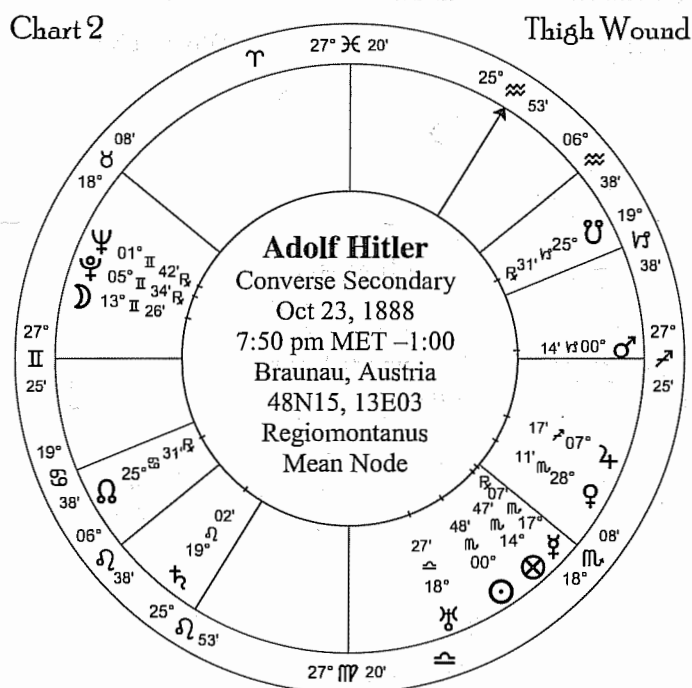
In his introduction to *The Life Span Revolution* booklet, Ross Harvey emphasizes that these LSRev solar progressions are an essential check on the basic LSRev, and unless the rates of the two methods, the moving angles and the Sun, are basically identical, the results will inevitably be wrong. He goes on to say that in quite a few cases he has examined, "...it was conjunctions of the progressed and regressed Sun which gave the clue to the correct rate; this is especially the case when there are fewer events from the subject's life than one might wish for."

We have estimated that Hitler will die when he is 56.028 years old, or thereabouts. Hence, we believe the correct annual rate for moving the RAMC is $360^\circ \div 56.028 = 6.425329^\circ$ of right ascension per year. However, we do not move the Sun by this same LSRev rate. The midheaven moves at a constant rate throughout the year; the Sun does not. To minimize the difficulties caused by the Sun's variable daily motion, we will work in days rather than in longitude or right ascension. The Sun takes 365.25 days to move 360° , so the time rate is: 1 year = $365.25 \div 56.028 = 6.519062$ days or 6 days, 12 hours, 18 minutes represents a year of Hitler's life. We are now on very familiar ground. These are secondary progressions. Instead of 1 day = 1 year, we have 6.519062 days = 1 year.

Example: To calculate the converse secondary for Hitler being wounded in the thigh on October 7, 1916:

Age = 27.4466 years
 Arc = Age x 6.519062 = 178.9259241 days = 178 days, 22 hours, 13 minutes.
 Birth - Arc = 6:03 PM, 20th April 1889 - Arc = 7:50 pm, October 23, 1888.

Chart 2 is set for this time and Hitler's birthplace.



Hitler was employed as a messenger, running messages between different sections of the German front line. At the Battle of the Somme, he was sleeping with the other messengers in a sitting position in a narrow tunnel leading to regimental headquarters. A shell exploded near the narrow entrance, knocking the messengers into a heap. Hitler was hit in the thigh.

He tried to argue that he should remain at the front, but instead he was evacuated to a field hospital. His wound, at first, was not serious but in the ward he suffered a curious shock, one that made him collapse from fright. It came as he lay on his cot and suddenly heard the voice of a German woman, a nurse, for the first time in two years.

Converse Sun at 0°48' Scorpio opposes his natal Sun at 0°46' Taurus. We never experience Sun opposite natal Sun by the usual secondaries, but can begin to understand how it might manifest from our knowledge of what often occurs when transit Sun opposes natal Sun. That is often a time when we are opposed by others and experience failure, a time when we feel discouraged, tense and easily fatigued.

The progressed ascendant ruler, Mercury, is on the 6th Regiomontanus cusp. The ascendant ruler in the 6th is a frequent indicator of ill health. The dispositor of both the Sun and Mercury is Mars, that closely opposes the ascendant—Hitler can expect to be personally attacked and is in danger of being harmed in warfare at this time. Hitler was wounded in the thigh. Jupiter, ruler of the 7th, is in the 6th, in Sagittarius, the sign we associate with the thighs. The shock of hearing the nurse's voice may be related to the 12th house Moon in Gemini, at the antiscion of his natal Node and aspecting Mercury on the 6th cusp.

Another example: To calculate the converse secondary for Hitler being blinded by gas on October 14, 1918:

$$\begin{aligned} \text{Age} &= 29.4849 \text{ years} \\ \text{Arc} &= \text{Age} \times 6.519062 = 192.2140867 = \\ &192 \text{ days, 5 hours, 8 minutes.} \\ \text{Birth} - \text{Arc} &= 12:55 \text{ pm on October 10, 1888.} \end{aligned}$$

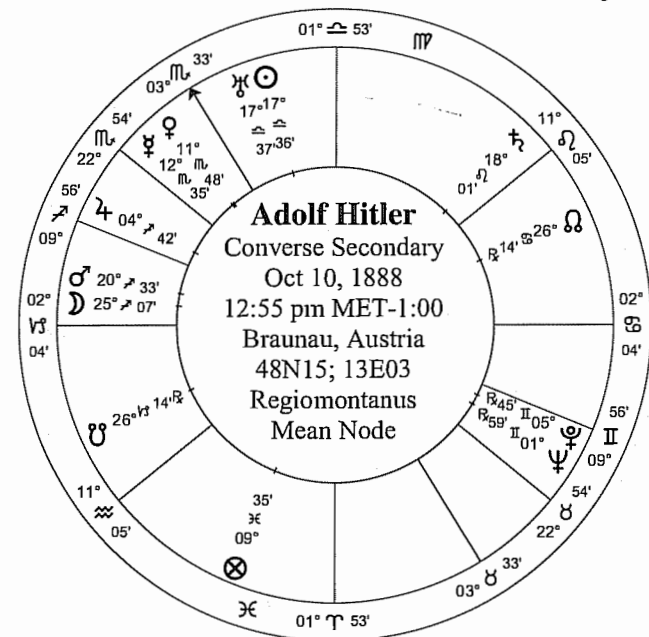
Chart 3 is set for this time and Hitler's birthplace.

Hitler would recover his eyesight only to lose it again on November 9, upon learning that Germany was going to surrender. A few days later, he would hear voices and see a vision. At the end of November, he was discharged from hospital as "fit for field service" since he "no longer complained of anything but a burning of the membrane."¹⁰ Hitler later testified in court that he could only make out the largest headlines in a newspaper and feared he might never read another book. Progressed Sun is exactly conjunct progressed Uranus; this pair closely sextile to the ascendant ruler, the 8th house Saturn, and to the MC-ruler, Mars in the 12th with the Moon. There is also a close Mercury conjunct Venus in Scorpio, with the midpoint of Mercury-Venus and Sun-Uranus falling close to 0° Scorpio, thus opposing Hitler's natal Sun.

Sun conjunct Uranus by standard progressions often indicates a time of change; it can be a period of illumination—hence Hitler's vision. By standard day-for-a-year secondaries this is not a common aspect, but for these LSRev secondaries, it is. Everyone will experience Sun conjunct Uranus by LSRev-progression twice in their lifetime, once by moving the Sun forward around the circle and another time by moving it in a converse direction. That this Sun conjunct Uranus was of major importance for Hitler—his vision stimulated him to begin his political career—is doubtless due to the involvement of Mercury and Venus with the Sun and Uranus, and the influence these four progressed bodies coming out through Hitler's natal Sun. The actual gassing can be related to the close aspect Neptune makes to the rising degree, from the equal-house 6th cusp.

These two LSRev secondaries confirm the life span previously found by the primary movement of the angles. When this occurs, we can be confident that we have identified the correct life span.

Chart 3 Blinded by Gas



Playing with the Life Span Revolution ¹¹

Before *Considerations* published Ross Harvey's initial article on the Life Span Revolution, I tested the concept on several accurately timed charts. My findings were clearly positive. From this initial testing of the LSRev, it became clear that, besides enabling the astrologer to calculate a person's expected life span and to indicate future trends in the life once the LSRev had been found, this new method has value in rectification. This is not a startling insight. Unless a predictive method can be shown to be an effective rectification tool, it surely can be of no predictive validity.

Ross Harvey has proposed two forms of the Life Span Revolution:

1. Life Span = 360° movement of the angles, forwards and backwards (a day)
2. Life Span = 360° movement of the Sun, forwards and backwards (a year).

By analogy, the first of these forms of the LSRev, one day equals the life span, can be termed the Primary LSRev; the second, one year equals the life span, the Secondary LSRev.

In my initial testing of the LSRev, I concentrated on the Primary LSRev—for which Ross Harvey later took me very strongly to task for ignoring the complementary Secondary LSRev—using similar events in the lives of people whose accepted time of birth was probably accurate. The events were: marriage, birth of first child, death of parents and, where applicable, death of spouse. These are all major turning points in a person's life, and they are events that happen to most of us. The charts used were those of some of the better astrologers from the recent past: people like Reinhold Ebertin, Cyril Fagan, John Addey, Charles Carter, Charles Jayne, Nelson Page, Roy Firebrace, Vendel Polich, Karl Kuehr, and so forth. If they hadn't correctly rectified the times of their own births, there's little hope that any of lesser mortals could do so.

Here's one example: the chart of the English astrologer, Charles E. O. Carter. Carter was the long-time editor of *Astrology* and the author of several now-classic books, including *The Astrological Aspects*. The recorded time of his birth was 10:55 pm, but I knew he had rectified this and used a slightly later time. Table 8

(page 78) gives details of five of the standard events in Carter's life: his marriage, birth of his first child, death of his parents, and the death of his wife, together with my calculations for the LSRev.

Charles Carter was born on January 31, 1887. He died on October 4, 1968 at age 81.677 years. His primary LSRev rate is $360^\circ \div 81.677$ or 4.4076° per year. At the recorded time of his birth, the RAMC was $114^\circ 36'$. To obtain the directed RAMC when he married at age 26.45 years, for example, we multiply the age by the LSRev rate (26.45×4.4076) to obtain $116^\circ 34'$, the arc of which is then added to and subtracted from the natal RAMC ($114^\circ 36' \pm 116^\circ 34' = 231^\circ 10'$ and $358^\circ 02'$). Using the appropriate Table of Houses,¹² we can look up these RAMCs to find the direct and converse angles operating at the time of the event.

Ross Harvey strongly recommends that only the conjunction and opposition aspects are used when attempting to find the LSRev rate. I agree with this. In this example, however, we already know Carter's rate. Aspects other than the conjunction and opposition may therefore be examined.

Note the fairly consistent error in right ascension for the five events in Charles Carter's life given in Table 8. Only the death of his father is really out of step with the others. These errors, the difference between the RAMC of the exact aspect and the directed RAMC, are listed in the column at the far right of Table 8.

Overall, they average at $+20'$ in right ascension. Exclude the error for *Father Died* and the average is $+32'$. If we are prepared to believe in the validity of the LSRev, the average

Chart 4

Natal Chart

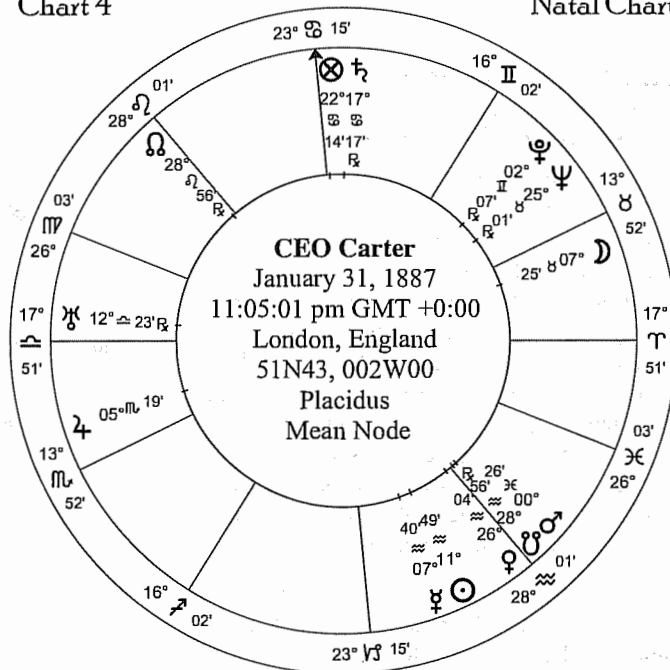


Table 8 - C.E.O. Carter: Aspects by directed angles for five events using Primary LSRev.

Event	Age in Years	Age x 4.4076° = Aρχ	Natal RAMC (114°36') +/- Arc	Directed angle	Directed aspect	Exact RAMC for aspect	Error in RA
Married	26.45	116°34'	358°02'	Converse Ascendant	sextile Neptune	358°47'	+ 45'
1 st child	27.57	121°31'	236°07'	Direct Midheaven	square Node	236°43'	+ 36'
Father died	34.17	150°37'	265°13'	Direct Midheaven	quincunx Neptune	264°35'	- 38'
Mother died	62.35	274°48'	29°24'	Direct Midheaven	semisextile Pluto	29°56'	+ 32'
Wife died	75.33	332°01'	142°36'	Converse Ascendant	square Mercury	143°10'	+ 36'
Wife died	75.33	332°01'	142°36'	Converse Ascendant	opposite Moon	142°47'	+ 11'
					Average RA Error =		+ 20'

error clearly suggests that the natal RAMC should be advanced by at least 20' from 114°36' to 114°56'. This moves the midheaven from 22°47' to 23°10' Cancer and the Ascendant from 17°29' to 17°44' Libra.

I have a note in my files, made sometime in the early 1960s after attending one of Mr. Carter's lectures in London, reminding me that he had said during his talk that, by his own rectification, which obviously must have taken into account many more events than just the five we have looked at here, he used 17°51' Libra as his ascendant. That's just 7' of longitude from the value found here. Had we ignored the negative error associated with *Death of Father*, the correction would have been even closer (adjusted RAMC is then 115°08', which gives 17°53' Libra as the ascendant). Not bad for the LSRev.

Richard Nixon's Life Span Revolution ¹³

When an angle, directed at the LSRev rate, comes to natal Mars, forming a conjunction or opposition aspect, an emotional shock is often experienced. The native is being attacked. The accompanying trauma can even create substantial and lasting damage to the individual's psychological development. A death in the family is a frequent manifestation. Everybody experiences these directed aspects to Mars several times during their lives and, as they usually signify major events, these times stand out; they are clear, helpful aids in identifying the rate at which the angles are moving.

By the time he was 61 years old, Richard Milhous Nixon, the 37th President of the United States, had experienced four deaths in his

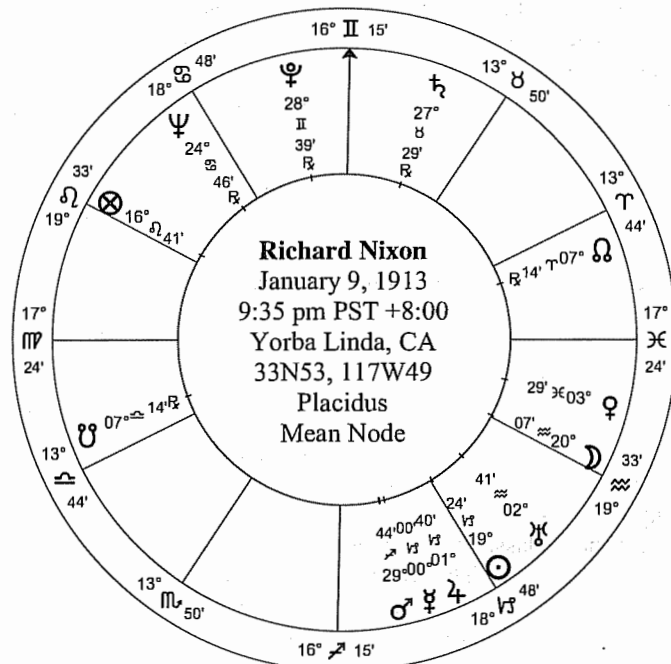
family. If at that time, back in August 1974, when he was forced to resign the presidency, we had wished to forecast Nixon's life span (this presumes we were then aware of the Life Span Revolution, although Ross Harvey had not yet discovered it) our investigation might logically have begun with trying to relate these four deaths to an angle coming to conjunct or oppose Mars.

Two of Nixon's three brothers died at an early age: his 7-year-old brother, Arthur, in 1925 when Richard was aged 12½, and his older brother Harold, eight years later. The other two deaths were those of his parents, his father in 1956 and his mother in 1967.

As a first estimate of an individual's life span we can use the age at death of the parent of the same sex, here the father who was aged 78¾ when he died.¹⁴ Call this 79, and express

Chart 5

Natal Chart



Nixon's age at each of the four deaths as a proportion of this value (see Table 9). The death of his father when Nixon was 43.6621 years old then gives a proportion of 0.5527, which value suggests the moving MC (using a counterclockwise, direct motion) has passed the opposition to itself (such an opposition, the moving MC opposite natal MC, splitting the circle and also the life into two halves, is represented by the proportion 0.5) and is now located in the 4th house. By converse motion, the MC will also have passed the IC and is now placed in the 3rd house.

Compare the proportion values in Table 9 with those in the bottom two lines of Table 10. These latter represent the distance in right ascension, expressed as a proportion of 360°, the MC must move around the horoscopic circle for each of the four stated aspects to become exact. The upper of the two values is the proportion of the circle covered by the direct-moving MC, and the lower one is the proportion covered by the converse or clockwise movement. Three of the four proportions in Table 10 are highlighted; these are similar to three of the four (again these are the ones highlighted) in Table 9. This suggests that three of the four deaths may be related to an aspect between the moving angle and natal Mars. These sets of similar proportions are shaded in Tables 9 and 10.

At Nixon's birth the longitude of Mars was 29°45' Sagittarius. When, for example, the direct-moving MC reaches this longitude, the sidereal time is 17^h 58' 55", the equivalent of 269°44' in right ascension (ST x 15 = RA). 269°44' is 194°40' away from the natal RAMC of 75°04', which distance is 0.5407 of the full circle of 360°. The equivalent proportion of the circle the converse MC

Table 9 - Four Deaths in Nixon's Family

Death of	Date	Nixon's Age	Proportion (Age ÷ 79)
Arthur	10-Aug-25	12.5836	0.1593
Harold	7-Mar-33	20.1562	0.2551
Father	4-Sep-56	43.6621	0.5527
Mother	30-Sep-67	54.7232	0.6927

needs to have traveled to make the same aspect is the complement of this, 0.4593.

Having obtained three possible aspects to Mars by the moving angles, we calculate the rate associated with each for the aspect to have been exact at the appropriate age. The results of this calculation are given in Table 11.

At the death of Harold, for example, Nixon was 20.1562 years old. In Table 9, this age was expressed as the proportion of 0.2551. From Table 10, a similar proportion, 0.2571, is associated with the distance that the converse ascendant must travel in right ascension for the associated ascendant to come to 29°45' Gemini and thus oppose natal Mars. The converse MC will then have attained an RAMC of 342°48'.¹⁵ The midheaven has moved backwards from its natal position of 75° 04' of RAMC to this new position, an arc of 92°16'. Division of this arc by Nixon's age then gives the associated rate of 4.5776. In turn, dividing this rate into 360° provides 78.64 years an estimate of Nixon's life span. Table 11 details some of the steps in this calculation and also similar ones for the other two deaths.

Table 10 - Mars on Nixon's Angles

		Midheaven conjunct Mars	Midheaven opposite Mars	Ascendant conjunct Mars	Ascendant opposite Mars
<i>Sidereal time</i>		17 ^h 58' 55"	5 ^h 58' 55"	13 ^h 06' 44"	22 ^h 51' 14"
<i>RAMC</i>		269°44'	89°44'	196°40'	342°48'
<i>Difference from 75°04'</i>		194°40'	14°40'	121°36'	267°44'
<i>Proportion of 360°</i>	<i>direct</i>	0.5407	0.0407	0.3378	.07429
	<i>converse</i>	0.4593	0.9593	0.6622	0.2472

Table 11 - Three Estimates of Nixon's Life Span

Death of	Direction	Aspect	Arc in RA	Age	Rate = Arc ÷ Age	Life Span
Harold	Converse Ascendant	Opposite Mars	92° 16'	20.1562	4.5776	78.64
Father	Direct MC	Conjunct Mars	194° 40'	43.6521	4.4595	80.73
Mother	Converse Ascendant	Conjunct Mars	238° 24'	54.7232	4.3565	82.64
		Average:			4.4645	81.64

Table 12 - Aspects by Direct LSRev Ascendant during the Watergate Hearings

Aspect made by direct Ascendant	Nixon's Age for the exact aspect	Associated Event	Nixon's Age at the time of the event	Difference in the two ages
Conjunct Pluto	60.1784	Watergate committee begins	60.3507	0.1723
Opposite Mars	60.4519	Dean's damaging testimony	60.4575	0.0056
Opposite Mercury	60.5175	Butterfield tells of the tapes	60.5068	-0.0107
Opposite Jupiter	60.9256	Impeachment inquiry starts	61.0767	0.1511

We can now improve on our initial estimate of 79 years, based on the 78¾-year life span of Nixon's father, and work instead with 81.64, the average of these three Mars aspects, which means having the MC at a rate of 4.4645° of right ascension each year.¹⁶

Subsequent analysis of nine events in Nixon's life, the last of which occurred when he was aged 61.58 years, derived a best estimate of his LSRev rate as 4.4308° per year. Nixon died at the age of 81.2822 years, which age divided into 360° provides 4.429° as the actual rate of his Life Span Revolution.¹⁷

Once the rate of the Life Span Revolution is known or estimated, it can be used to better understand how particular planets have worked and are working in a person's life. This cannot be done to the same extent with traditional progressions or directions as, with the exception of the secondary Moon, the progressed and directed planets and angles will only cover a portion of the natal horoscope. With the LSRev, the moving angles and Sun cross each planet in the horoscope and they pass through each of the twelve houses. A brief example with Nixon's chart will serve to demonstrate this.

The key aspect combination in Nixon's birth chart is the opposition to Pluto from the triple combination of Mercury, Mars and Jupiter. Richard Nixon is especially remembered because of Watergate and his subsequent resignation from the Presidency. At the time, by direct LSRev motion, the ascendant was passing through his 10th house conjunct Pluto and opposing his 4th house Mars-Mercury-Jupiter conjunction. In Table 12, we compare Nixon's age when the moving ascendant made these exact aspects and his age when key events occurred.

The individual planetary symbolism is quite stunning. Pluto was triggered by the moving ascendant when the investigation into the Watergate break-in began. What was hidden, would now come to light. As it happened, transiting Pluto had been squaring natal Pluto at the time of the break-in. The LSRev aspect was exact two months before the commencement of the Watergate hearings in May 1973, very close to the time in March when Judge John Sirica announced that he had received a letter from one of the accused Watergate burglars stating that persons high in the administration were responsible for Watergate and were trying to cover up the scandal. Without this

letter the Watergate grand jury would have ceased to be in existence.

Until John Dean testified, it seemed likely that Nixon would be able to avoid any personal damage, but the events coincident with the aspect to Mars quickly put paid to that. Note the closeness in time of Dean's testimony and the aspect becoming exact.

All that remained was for Dean's evidence to be substantiated. It was. As the ascendant moved to Mercury, the communications expert, Herbert Butterfield, revealed that Nixon had secretly taped all conversations in the Oval Office. Proof existed for Dean's statements. It was the presence of the tapes that eventually brought Nixon down.

Finally, as the moving ascendant came to Jupiter, the impeachments proceedings commenced. The legal process that would force Nixon from office six months later began as the planet that rules the Law was opposed by the moving ascendant.

The Life Span Revolution is a most valuable addition to the astrologer's tool kit. The astrologer must first identify the life span and the associated rate of movement; thereafter an excellent instrument is available, both for improving our understanding of the effects of various planetary combinations and, in the case of subjects still alive, for predicting the nature and timing of future events in the life. To know oneself, at least astrologically, one must first come face to face with one's own mortality; having done so, the opportunity is gained to better understand the past and future of one's life.✽

Endnotes

- Ross Harvey is an artist and astrologer who lives in Sydney, Australia. He studied classics at Sydney University and painting at the Julian Ashton Art School in Sydney. He has worked as an artist, and taught painting and drawing, for the last 30+ years. He specializes in still-life painting, and his work is to be found in private collections in Europe and the United States, as well as in Australia. Ross began studying astrology in 1980. Such has been his success as a painter that he has been able to stop teaching art and now devotes himself full-time to his painting. His birth data is 9:15 am AEST on Monday, June 11, 1949 at 33° S 49'58", 151° E 12'05".
- Harvey, R. *The Life Span Revolution*. NY: Considerations, December, 1994.
- This section was previously published as an article in *Considerations* Volume XVIII, No. 1, February-April, 2003.
- Wulff, W. *Tierkreis und Hakenkreuzan*. Gutersloh, Germany: Bertelsmann, 1968.

- 5 Toland, J. *Adolf Hitler*. NY: Ballantine, 1976.
- 6 Charts calculated using Regiomontanus House System, with Mean Node.
- 7 Harvey, R. *The Life Span Revolution*. NY: *Considerations*, December, 1994, p. 1.
- 8 Several software packages, including early versions of *Solar Fire* in its Star Parans report, and *Nova* in its Parans report, provide RAMC values for planets conjunct the different angles, but these are mundane conjunctions, not zodiacal. The difference between mundane and zodiacal conjunctions can be quite large, especially when a planet, as often occurs with the Moon or Pluto, has much latitude. Details of the equations used to calculate the values in Table 2 are provided as accompaniment to article text. Readers can also obtain these RAMC values from an appropriate Table of Houses, multiplying the appropriate Sidereal Time (ST) by 15 to obtain the RAMC.
- 9 Harvey, R. *The Life Span Revolution Booklet*. NY: *Considerations*, Dec. 1994, p. iii.
- 10 Toland, J. *Adolf Hitler*. NY: Ballantine, 1976, p. 100.
- 11 This is an excerpt from an article previously published in *Considerations*, Volume X, Number 1, January-March 1995.
- 12 Mark Pottenger's CCRS92 software was used to obtain the relevant Table of Houses for Carter's birth latitude of 50N43 with the obliquity current in 1887.
- 13 This is an excerpt from an article previously published in *Considerations*, Volume X, Number 4, October-December 1995.
- 14 The life spans of Arthur and Harold, neither of who attained anything like this age, point to the potential inaccuracy of such an initial estimate.
- 15 Mark Pottenger's CCRS92 software was used to generate a Table of Houses for the latitude of 33N53 with the correct obliquity for 1913.
- 16 Why is the LSRev calculated in right ascension and not in longitude? Ross Harvey compared the two, the use of a constant rate in longitude against a constant rate in RA. He found that a constant rate in RA works, while one in longitude doesn't.
- 17 A full description of how this estimate was found is given in *Considerations* Volume X, Number 4, October-December 1995. As the methodology employed has been fully explained earlier in finding Adolf Hitler's life span, it is not repeated here.

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Kennet Gillman learned astrology in England (1960s), at the feet of legends John Addey, Charles Carter, Ron Davison, Roy Firebrace, and Ernest Page. In 1970, as a professional statistician, he moved to the US. As research director of ISAR and editor of *Kosmos* (early 1970s), he introduced several concepts familiar to Europeans, but unknown in the US, such as harmonics and composite charts. In 1983, Ken founded *Considerations, Inc.*, a firm of consulting statisticians. Unbeknownst to its many blue chip clients, for over 20 years the company also published the astrology journal, *Considerations*. Over the years, Ken's writings on astrology have appeared in various publications in Europe and the United States. He currently lives in upstate New York.

Editor's Note: Both Dymock Brose's *Astrologers' Forum* and Kennet Gillman's *Considerations* have now ceased publication—coincidentally each of the two publications, neither of which accepted advertising, had a life of 23 years—and the issues that contained Ross Harvey's articles quickly sold out. In December 1994, Harvey's original two articles were combined in a booklet, *The Life Span Revolution*, and was published by *Considerations*.

How to Calculate the Zodiacal Conjunction of a Planet with an Angle

1. For planet conjunct MC, $RAMC = \arctan(\tan L \times \cos E)$ where L = longitude of planet and E = Obliquity of the Ecliptic.

$$E = 23.4523^\circ - (0.013 \times T), \text{ where } T \text{ is in fractions of a century from 1st January 1900 (positive after 1900, negative before).}$$

2. For planet conjunct IC, $RAMC(IC) = RAMC + 180$

3. For planet conjunct ascendant, $RAMC = RAH - X$, where $RAH = RA$ of ascendant = $\arctan(\tan L \times \cos E)$, as above, and $X = \arccos(-\tan \theta \times \tan E \times \sin RAH)$, $\theta =$ geographic latitude

4. For planet conjunct descendant, use step 3 with $RAH = RAH + 180$.

Example: to find RAMC when Sun conjunct the four angles in Hitler's chart.

For Sun conjunct MC:

$$L = 0^\circ 47' \text{ Taurus} = 30^\circ 47'$$

$$E = 23.4523^\circ - 0.13 \times [(1/1900 - 4/20/1889) \div 100]$$

$$E = 23.4523^\circ - (0.13 \times 10.71/100) = 23.4384^\circ$$

$$RAMC(\text{Sun conjunct MC}) = \arctan(0.59572545 \times 0.9174883) = \arctan(0.54657113) = 28.65974 = \mathbf{28^\circ 40'}$$

For Sun opposite MC:

$$RAMC(\text{Sun opposite MC}) = 28^\circ 40' + 180 = \mathbf{208^\circ 40'}$$

For Sun conjunct ascendant:

$$\theta = 48N15 = 48.25$$

$$RAH = 28.65974$$

$$X = \arccos(-1.12040534 \times 0.43353458 \times 0.47960704) = 103.4715$$

$$RAMC(\text{Sun conjunct ascendant}) = 28.65974 - 103.4715 = -74.81176 = \mathbf{285^\circ 11'}$$

For Sun opposite ascendant:

$$RAH = 208.65974$$

$$X = \arccos((-1.12040534 \times 0.43353458 \times -0.47960704) = 76.5285$$

$$RAMC(\text{Sun opposite ascendant}) = 208.65974 - 76.5285 = 132.13124 = \mathbf{132^\circ 08'}$$

Earth's Dark Night of the Soul: Karakatoa, 535 CE

by Diana K. Rosenberg

Something was wrong, terribly wrong. Each day the Sun came up dim and feeble, giving little light. Chill, out-of-season winds drove waves of yellow dust, smothering crops; when new crops were planted, the strangely darkened Sun failed to nurture them; shoots shriveled and died. Summer was cold; the rains failed, and there was drought. Famine stalked the earth, followed by foul epidemics that decimated starving populations. Terrified survivors turned to religion; shamans, priests, sorcerers all worked their most potent rituals, but to no avail; the gods were silent.

In AD 545-536 mankind was hit by one of the greatest natural disasters ever to occur." These are the opening words of the 1999 book, *Catastrophe, a Quest for the Origins of the Modern World*, by archaeologist-journalist David Keys. Intrigued by evidence gathered by academic researchers in widely different disciplines—of a drastic world-wide climatic disaster in the mid 6th century CE that profoundly affected and changed history—Keys spent four years painstakingly tracking down confirmation in the often meager historical and archaeological records as well as ice-core and tree-ring data, in order to glean the historical implications of such an event and its possible-probable cause.

The century following this apparent great disaster formed what we now call the *Dark Ages*, the

tormented, frequently violent boundary between the ancient and early modern eras. All over the globe, there was terrible suffering. It was during this century that the great city-states of the ancient world came to ruin, along with the mighty Persian empire, the previously all-powerful Roman Empire (that had morphed into a Byzantine empire), the 95-year old Chinese Northern Wei Empire, the South Arabian civilization and Arian Christianity, as well as the New World's greatest civilizations, the celebrated metropolitan state of Teotihuacan, the great Mayan city of Tikal and South America's still mysterious Nasca civilization.

At the same time, this was the century that conceived and/or brought into being the proto-nations of France, Spain, England, Japan, Korea, Indonesia, Cambodia, Turkey, as well as the powerful new faith, Islam; in South America, the Huari, forerunners of the Incas, arose.

According to Keys, these destructions and painful transformations into new beginnings have hitherto been seen by historians as separate events, but now, with this new research, they can be viewed as a joined-together whole, *linked by one common causal factor: a drastic, world-wide shift in climate*. But what could have caused such a calamity?

Following clues in the scattered surviving records for 535-536 CE, Keys noted a frequent mention of *diminished sunlight*; Roman historian Procopius wrote "the

*There was a sign from the Sun, the like of which had never been seen before.
The Sun became dark . . . its light was only a feeble shadow.
Everyone declared that the Sun would never recover its full light . . .*

- John of Ephesus
Historiae Ecclesiasticae, Vol. II¹

Sun gave forth its light without brightness, calling it *“a most dread portent.”* Other records say that the Sun became *“dim”* or *“dark”* for up to 18 months, shining *“like a feeble shadow”*—all over the world, terrified people feared that the Sun would never regain its brightness.

In several areas, the diminished sunlight led to agricultural failures and famines. Starting in 535, England suffered the worst weather of the century; in Mesopotamia snow fell heavily; Arabia suffered famine followed by floods; according to Chinese records there was drought and famine, and *“yellow dust fell like snow.”* The following year crops were ruined again—by snow in mid-August;² Japan's emperor mourned that *“gold...cannot cure hunger—what avails a thousand boxes of pearls to him who is starving of cold?”*³ In Korea 535 and 536 were the worst years of the century, with massive storms and flooding, followed by drought.

In the Americas, starting in the 530s, tree-ring analysis revealed that there had been a terrible 32 year-long drought in the western US; in 536 and 542-543 some trees virtually stopped growing. It took 23 years for things to return to normal. Tree-ring evidence from Scandinavia and western Europe was very much the same. An entirely separate and relatively new discipline, ice-core analysis, revealed heavy falls of sulphuric acid dust particles in the same time range.

Realizing that the dimming of the Sun was undoubtedly caused by some sort of atmospheric pollution, Keys and other researchers considered the three likeliest causes: an impact by an asteroid of around 2.5 miles in diameter, a comet impact of about the same size, or a massive volcanic eruption. Considering the probable effects of the first two, Keys rejected them, for such an impact in historical times could not have gone unnoticed or unrecorded, and if the object struck the ocean, it would have brought about a coastal catastrophe that would have been documented by any of the literate societies affected; and its ravages would be recognized by archaeologists and geologists today. He concludes *“It is virtually unthinkable that an impact event of that magnitude only fifteen hundred years ago could be unknown to science today.”*⁴

This leaves the third option, a massive volcanic eruption, and for this there is a

considerable amount of evidence—but if it was an eruption, where and when did it take place?

Because acid precipitation was found in ice cores in both Greenland and Antarctica, the ash would have had to be carried by both of the two separate high-altitude wind systems in the Northern and Southern hemispheres; thus it was likely to have been a tropical eruption, near the equator. Since the acid ash had accumulated in Antarctica longer than in Greenland, it is probable that the eruption took place in the southern tropics. The only volcanic areas in this strip are East Africa and the Comoros Islands, the central Andes, the Galapagos Islands off Ecuador, and the great 5000-mile volcanic island chain, stretching from Samoa to Sumatra at the congruence of the Eurasian, Philippine and Pacific tectonic plates.

Of the 20 volcanic calderas, huge enough to have produced such an eruption, 14 are in the Samoa-Sumatra chain; and because the Far East was hit first and suffered most, this chain of islands held the probable culprit. Keys wrote, *“By pure good luck, the suspects can be narrowed down still further, for buried deep in the Chinese History of the Southern Dynasties is a reference to what appears to have been a vast explosion in February 535.”*

This account specified that the great sound came from the southwest.⁵ This suggests the Sumatra-Java area, and the only caldera of sufficient size in that area is Krakatoa.⁶ A passage in an ancient Indonesian chronicle told of a huge volcanic eruption with *“a furious shaking of the earth, total darkness, thunder and lightning,”* followed by *“a deadly storm that darkened the entire world;”* the chronicle said the eruption was so massive that great parts of the land sank below the sea, *creating the strait that separates Sumatra and Java.*⁷ Experts disagree about the possibility that Sumatra and Java were once joined, but if the ancient

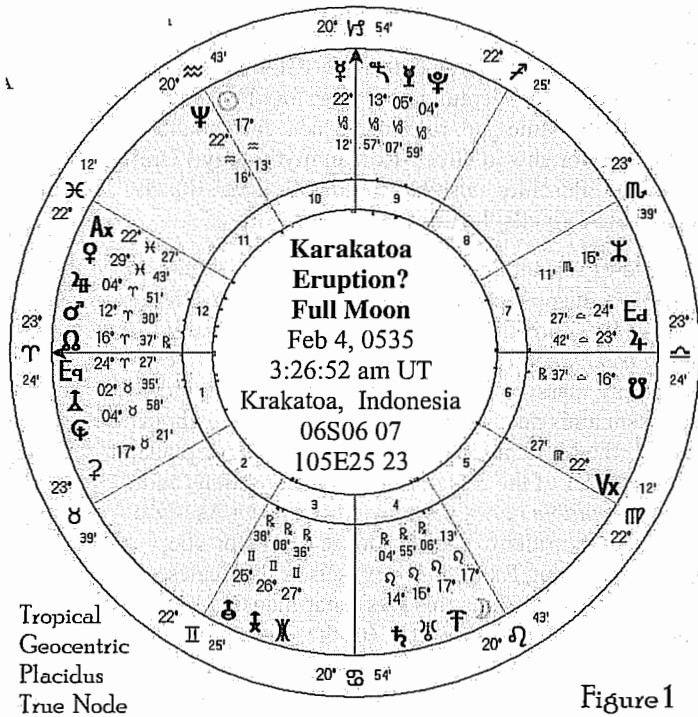


Figure 1

chronicle is true, Krakatoa's position in Sunda Strait between the two great islands makes it the prime suspect!

Given an approximate date (February, 535 CE), and a known latitude and longitude, it seemed to me that astrology might have something to say about this remarkable, possible-probable event—perhaps even adding to its likelihood! We have a detailed account of Krakatoa's huge 1883 eruption, which can be compared to this (possible) one.⁸

After working with several February, 535 year charts, I settled on the Full Moon on the 4th as a good choice for a possible massive event, shown in Figure 1, page 83.⁹

Sea-Goat Capricornus culminates with the Water-Pourer's extended left hand, a sky area noted for cold weather, earthquakes, volcanoes and air pollution; Saturn, its ruler, anti-culminates in the 4th house, anchoring a close conjunction with Uranus, Kronos and the Moon; their span (precession-corrected 20°26' to 04Vi30 through 07Vi41 in 2000 CE) contains the black-hole-laden Leo Galaxy Cluster,¹⁰ the Spindle Galaxy black hole in Sextans, and Thuban, the Alpha star of Draco, the Dragon.

This extraordinary conjunction opposed the Sun at the flood-bringing Urn of Aquarius, squared Ceres-of-grief and famine¹¹ at the extremely volatile Hyades Cluster in the muzzle of Taurus, and squared as well Uranian planet, Poseidon (in other words, the chart shows a Grand Cross of Saturn-Uranus-Kronos-Moon opposing the Sun, squaring Ceres on one side and Poseidon on the other, all in angular houses); the Moon's next aspect will be an opposition to *earthshaker* Neptune. (Neptune and Poseidon are essentially the same god, ruler of the sea, earthquakes, floods and droughts in Greco-Roman mythology.) Uranian planet, Poseidon, also has to do with light—its afflicted state foretells the dimming of the Sun.

The head of violent, gape-jawed Cetus, the Sea-Monster rises; Mars, dispositor of the ascendant, is in the 12th at the Monster's fore-flipper—*this is the primary fixed star area of tsunamis* (at the 2004 Capricorn Ingress five days before massive 9.3 earthquake-engendered, Indonesian tsunamis devastated coastlines and killed about 300,000, the Moon and NNode were here).¹² Air planet, Mercury, ruler of the 3rd house of local conditions and the 6th of *mutable earth*, culminated, squaring Asc-Dsc and Jupiter, co-ruler of the 12th house of misfortune; Jupiter (stationing Rx *on this day*) sets in the Scales of Libra—in ancient China this was lunar mansion *Ti*, Foundation, or *T'ien-Kan*, Root (of the exuberance of nature). Nature was about to become very exuberant indeed! Jupiter's dispositor Venus is huddled in the 12th

in extremis at the very last degree of the zodiac, in the Ptolemaic Terms of Saturn, the Face of Mars.¹³ Pluto, co-ruler of the 8th house of crisis, is at Terebellum (Omega Sagittarii), tightly conjoining Uranian planet, Admetos of compression, restriction, depth and death. Pluto, the Lord of the Underworld, was about to blow the lid off the mountain's compressed lava! Newly discovered planet Sedna is next, squared by Mars and inconjunct Saturn. Sedna's myth suggests a keyword, *betrayal*; it seems to turn up at vital points in disasters, as if there is a betrayal of things-as-they-ought-to-be.

I have left for last the incredible conjunction of Transpluto, Zeus and Eris in the 3rd house. Given the orbital cycles of each of these (Transpluto, approximately 665 years; Zeus, 455.64 years; and Eris, 557.2 years), a repeat of this conclave would have to take, at a guess, hundreds of thousands of years!

An event purported to be at the root of a terrible global disaster would have to show a heavy involvement of the World Axis, that is, 0° of the cardinal signs and

*O dark, dark, dark,
amid the blaze of noon
Irrecoverably dark, total eclipse
Without all hope of day!*
-Milton, *Samson Agonistes*

hard aspects to them (known collectively as Aries): 15° of fixed signs, 22.5° of cardinals, and 7.5° of mutables. On this chart the Asc, Mercury, Venus, Saturn, Uranus and Poseidon are all within 1° of this axis, with the Sun and Jupiter a little over 1°. The mid-points of Pluto/Transpluto, Pluto/Zeus, Admetos/Zeus, MC/Sedna and Sedna/Hades =

Aries as well. It would seem that Earth was indeed in for very hard times. But, of course, we are still in the realm of speculation—did Krakatoa actually erupt catastrophically in 535 CE?

Astrophobic scientists insist that there is no connection between eclipse paths and earth upheavals, despite considerable evidence that the intense gravitation effects of Sun-Moon syzygies may disturb unstable fault lines in the Earth's crust. Over the years, astrologers have noted many examples of major earthquakes and volcanoes that followed eclipse paths of totality over their latitudes and longitudes, *with each upheaval event's chart relating to its eclipse chart*,¹⁴ so it occurred to me to search for a possible *triggering* eclipse path for the 535 disaster—and immediately struck gold!

In May, 533 CE, less than two years before the proposed *big blow*, an eclipse's path of totality ran exactly over Krakatoa and what is now Sunda Strait, the precise seaway described in the ancient Javanese Chronicle as having been created by a cataclysmic volcanic eruption! (See Figures 2, page 85, and 3, page 86.)

Uranian planets, Vulcanus and Hades (grave danger; raw, demonic force) culminated, bracketing the MC, aligned with stars of the notorious Gorgon's head,

including Algol. (In ancient China, these stars formed *Ta-Ling*, a Great Trench of Piled-Up Corpses.) The eclipse itself aligned with the heads of the Taurus Bull and Draco, the Dragon (the precession correction to 2000 CE was 20°28'). This is an area of *terrific energies unleashed, intense violence, fires, air contamination, floods, natural disasters*; ¹⁵ clearly this eclipse was announcing what was to come, an astrological affirmation of Key's thesis.

The Mars-Mercury conjunction, on the (then) ascending heliocentric node of Venus, is in the highly volatile area of the Bull's horns and Orion's belt, and their solstice points turn up at the ascendant; the wildly incredible conjunction of Transpluto, Zeus and Eris, already mentioned, is on the (then) ascending heliocentric node of Jupiter, expanding their effect, and has as its collective solstice point MC ruler, Venus, dispositor of the eclipse; their contra-antiscia land on Admetos-of-depth in the 6th of mutable earth. Uranian planet, Apollon (expansion, far and wide dispersal), in the 9th at tsunami-monster Cetus, squares them both.

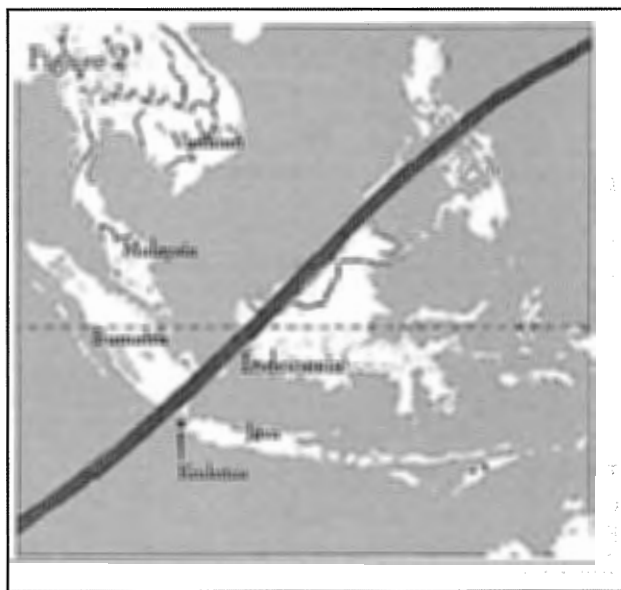
Next comes Saturn, which will be squared by the Nodes at the eruption, co-ruler of the 8th house of death, in detriment, lurking in the 12th of misfortune; he squares the heliocentric nodes of disruptive Eris and is occupying the Cancer Crab's notorious Beehive Cluster. In China this was *T'ien-Soung*, the Celestial Punisher, presiding over sickness, death, and extermination; conversely, in India this is the benefic nakshatra *Pusya*, Nourishment.

In this case, since we are dealing with Saturn-of-dearth, the message may be that there will be a lack of food. Research has brought out that the Beehive is an area of *fires, explosions, heat, smoke, toxic conditions, epidemics, intense high energies, shoreline and harbor events, and the destruction of entire cities*. ¹⁶ Sharing the same longitudes are stars of Water-Snake Hydra's poisonous, contaminating breath; Hydra dominates the entire rising area, including Asc-Fortuna and Uranus: "*extreme weather conditions, great maritime and financial losses, air pollution, epidemics, destruction of the environment*." ¹⁷ Jupiter and Uranian planet, Kronos, follow, tightly conjoined; and because Kronos represents that which is high or above, its conjunction with Jupiter-of-expansion provides a set-up for the eruption's sulphuric ash (Hades culminating) to reach the stratospheric winds that will carry it around Earth. Indeed, the midpoint of Hades and Jupiter-Kronos

comes out at the Transpluto-Zeus-Eris conjunction! ¹⁸ (It equals Saturn and Mercury/Mars as well.)

The 2nd house of property must be considered unfortunate, for its ruler, the Sun, is afflicted—it is eclipsed, squared by Neptune, and in the fated degree of the Moon's Nodes. The Nodes themselves (along with the Sun and Moon) are square the (then) heliocentric nodes of Hades; the SNode (which in a heliocentric chart would conjoin Earth) is aligned with Rastaban (Alwaid), Beta Draconis, the all-seeing polar Dragon's eye, as well as NGC 6240 in Ophiuchus (supermassive black hole galaxies on a collision course), associated with mass deaths. Next comes Pluto, perched on the cusp of the house of mutable (i.e. changeable) earth, having entered earthy Capricorn 14 months earlier (more on Pluto later). Mysterious Sedna lies at eruption-prone stars in the head of Capricornus—her first visit to them in more than 12,000 years! ¹⁹ The 7th house cusp is Gamma Gruis, a star of *Koan-Ts'ai-Sing*, China's foreboding Coffin asterism of ill tidings, death and destruction; mourning Earth-mother Ceres joins Neptune at stars of the Urn of Aquarius. To the Chinese, this was *Fan-Mou*, The Tombs, part of an ancient Winter Solstice area of Wei (danger), also known as The Great Tomb of the Dead Sun, because it was feared the Sun would not return—a presage of the dire loss of sunlight to come! In India's tradition, Neptune is at Satabishaj, Lambda Aquarii (aka Hydor or Ekchusis, *outpouring*) in the Urn's stream of water; Lambda is the one certain determinant star of Vedic lunar mansion *Satabhisaj*, The Hundred Physicians, ²⁰ foretelling the terrible epidemics that would follow. Put very simply, the Sun and Moon (which traditional astrology refers to as the lights) are squared by Neptune-of-darkness is another portent of the loss of sunlight. This was a truly dread-full eclipse.

An ancient technique called The Circle of the Athla ²¹ puts Fortuna on the ascendant and creates equal houses from it,



with house delineations that differ from the conventional ones; the Athla 7th house was called the House of Dangers. Since every solar eclipse has Fortuna on the ascendant, it follows that the 7th house of every solar eclipse is the Athla House of Dangers; here the 7th house ruler, Saturn, is in the 12th, 10° from the Asc, thus 170° from the descendant, bringing into play the 17th and 19th harmonics, which are the 2nd and 3rd most frequently found harmonics in

earthquakes (the most frequent is the 1st harmonic, i.e., conjunctions). The two sets of harmonics converge at about 170°. I have found that mundane predictive charts (lunations, eclipses, ingresses, etc.) that precede disasters often feature these harmonics, but because they involve odd numbers that are difficult to see quickly, I check for the 10° pattern off major axes, i.e., MC-IC, Asc-Dsc, the Lunar Nodes, Vx-Avx, Equatorial Asc-Dsc, Sun-Earth, and the four cardinal points. (Figure 5, page 87.) If a planet is 10° from one end of the axis, it follows that it is 170° from the other end, revealing a 17th-19th harmonic pattern. At this eclipse, besides Saturn already mentioned, Mars is approximately 10° from the NNode on one side, the Sun and Moon on the other, making them 170° from the Earth-SNode conjunction, and Poseidon is 10° from the IC, thus 170° from the MC, another confirmation that an earth upheaval is brewing.²²

Another portent was Halley's Comet's visit to Earth in 530-531; in the perihelion chart run for Krakatoa,²³ the culminating degree was 07Vi30; with a precession-correction of 20°30', that comes to 28Vi00, putting it at Kappa Crateris in the constellation of Crater, the Cup. In the fixed stars, this is *the* place of eruptions—more are represented here than at any other group of stars! (The sky-figure of Crater the Cup, often interpreted as a holy grail or a portent of alcoholism, has turned out to be a volcanic crater!)

Six orbital cycles ago, Pluto entered 0° Capricorn on February 24, 532 CE at 4:11 am UT; in a chart set for Krakatoa (Figure 4), he turns up in the 8th house. In Manilius' Dodecatropos chart, the 2nd and 8th houses were both called *Typhonis Sedes*, the abode of Typhon.²⁴ The Sun is square the (then) heliocentric nodes of Uranus; its dispositor Jupiter is in ancient China's dreaded lunar mansion, *Kuei*, The Ghosts (our Beehive Cluster), is opposed by Sedna-of-cold-and-hunger.²⁵ Another name for *Kuei* was *Tsi-Chi*, Piled-Up Corpses. Pluto, Lord of the Underworld, is conjunct Admetos of compression and depth, directly opposite Saturn (in the Ptolemaic terms of Mars) and squaring the Moon (terms of Saturn); the Moon and Saturn are square each other, both *in extremis* at the very end of their signs, and

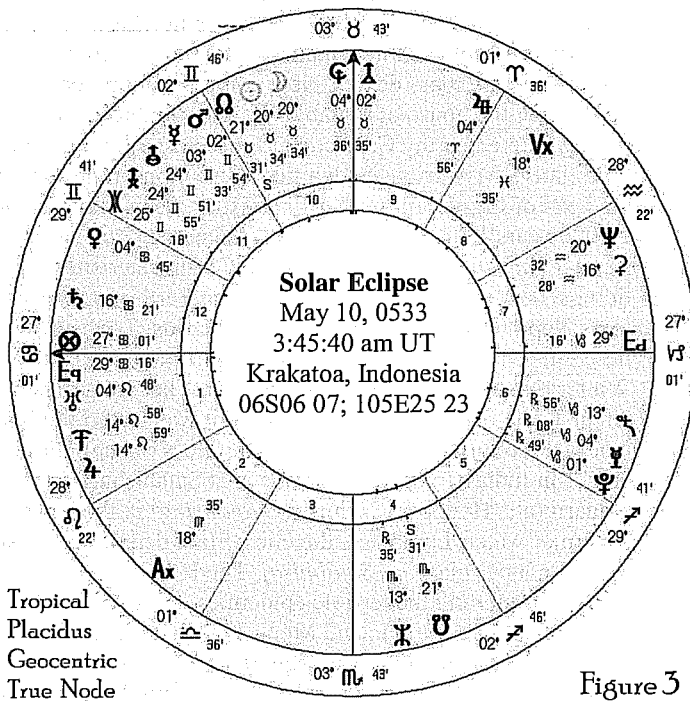


Figure 3

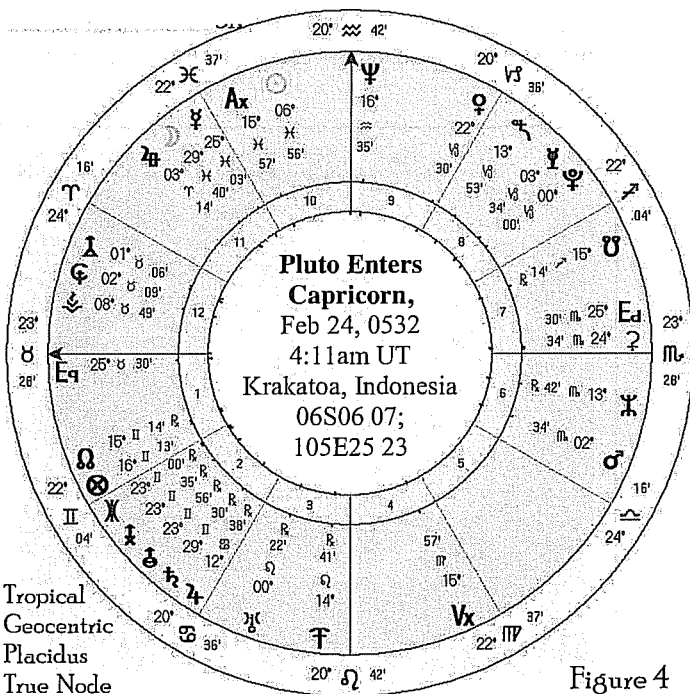


Figure 4

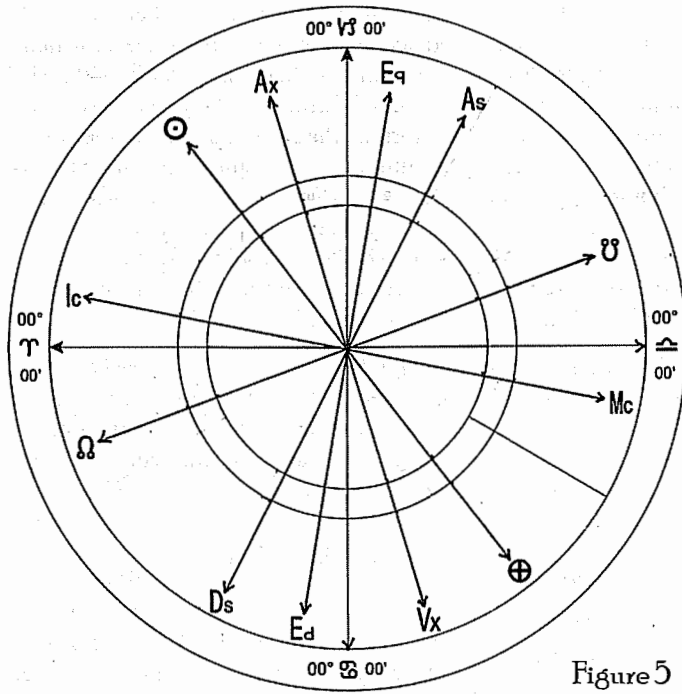


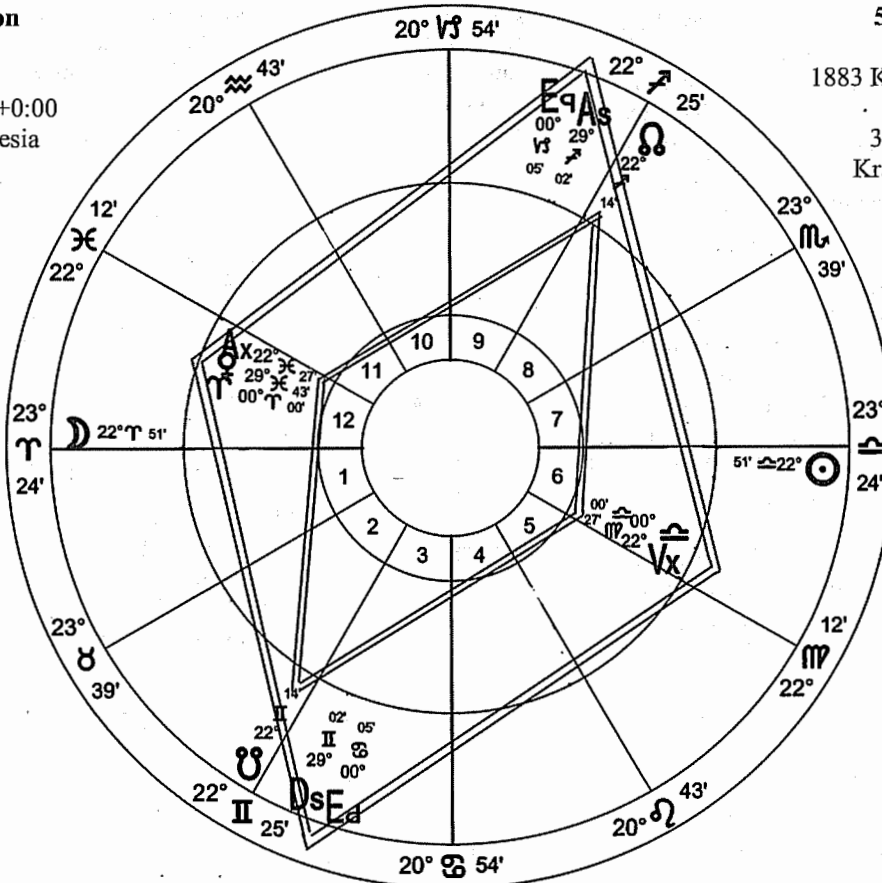
Figure 5

The Great Axes (polarities) that intersect by conjunction, square or opposition when progressed from one geophysical event to another in the same geographic areas.

Saturn-Pluto combinations are known to be harsh—here their hard aspects to the void-of-course Moon, which on a mundane chart rules the masses and describes the common people as terribly afflicted. Indeed, the Moon's next aspect, as she leaves Pisces, is the square to Pluto, followed by one to deep-earth Admetos. This ferocious T-square of Saturn-Pluto-Moon is made doubly so by the fact that Saturn and Pluto are conjunct Pluto's (then) heliocentric nodes (Saturn at the ascending Node, Pluto at his own descending node). Neptune culminates at already mentioned Satabishaj, the determinant star of The Hundred Physicians. As in the February 535 chart, the World Axis is prominent: the Sun, Moon, Venus, Saturn, Neptune, Pluto, Kronos and Poseidon are all in hard aspect to the solstitial and equinoctial points. Asteroid Vesta, representing hearth, home and security, is in the 12th on the (then) heliocentric north node of Mars, at the Pleiades Cluster of weeping and exile, septile Saturn and bi-septile the IC.

Another extreme feature of this chart is the grand cross formed by the lunar Nodes tightly square the Vx-Avx; to have the local space

535 CE Eruption
 (Full Moon)
 Feb 4 0535
 3:26:52 am UT +0:00
 Krakatoa, Indonesia
 06S06'07"
 105E25'23"
 Geocentric
 Tropical
 Placidus



535 CE Eruption
 Directed to
 1883 Krakatoa Eruption
 May 20 1883 NS
 3:30 am UT +0:00
 Krakatoa, Indonesia
 06S06'07"
 105E25'23"
 Geocentric
 Tropical
 Placidus
 True Node

Figure 6

angles of the vertices not only in the fatal degree-of-the Nodes, but squaring them as well, is extraordinarily harsh. The MC-IC axis is locked into the (then) heliocentric nodes of Hades; Mars-of-destruction, in the 6th of ill-health and powerful in his own sign of death, is opposite Hades in the 12th, both afflicting Ceres and Fortuna. As Churchill would have said, there is nothing here but “*blood, toil, tears and sweat.*”²⁶

Beyond all this, I still wanted to do more with astrology in this matter, to demonstrate that it has a place in the investigations of archaeology and history. It occurred to me to attempt a technique that I had tried several years ago: while working on a chapter about earthquake prediction, I tried progressions between successive major quakes within a specific geographic area, just to see what, if anything, turned up. A fascinating pattern emerged, not only of progressed hard aspects between planets, but between the great axes or polarities (already mentioned in the paragraph on harmonics): MC-IC, Asc-Dsc, NNode-SNode, Vx-Avx, Equatorial Asc-Dsc, Sun-Earth, and the four cardinal points. Repeatedly, the great axes of the secondary progressed and/or solar arc directed charts featured progressed hard aspect intersections, i.e., conjunction, squares, or oppositions, to the great axes of the natal (i.e. earlier) quake chart.²⁷

Trying this technique to prove out the possibility of a great eruption of Krakatoa in February, 535 CE (and to test the technique itself), I progressed the Full Moon of February, 4, 535 forward (1,348 years!) to the well-documented eruption that began on May 20, 1883 (3:30 am UT, 10:30 am LMT).²⁸ The result, shown in Figure 6, was exciting—secondary progressed Sun-Earth had come to the Asc-Dsc, and progressed MC-IC squared progressed Equatorial Asc-Dsc! The directed solar arcs came through as well—besides the Sun-Earth to Asc-Dsc (which would be the same in both methods), the progressed Nodes squared the 535 Vx-Avx, and the Equatorial Asc-Dsc had come to 0° Cancer and 0° Capricorn!²⁹

Given the foregoing astrological tests, it seems fairly certain that this huge cataclysm

did occur—but was it the cause of the epidemics that followed? We have several detailed accounts of the worst of these, which (according to Procopius) began at Pelusium, Egypt in 540-541,³⁰ although it may have originated further south or east, possibly Ethiopia. This was the notorious Plague of Justinian, the final blow to the already struggling Roman Empire. This disease was bubonic plague, the same as *The Black Death* of the 14th century. In February, 538 CE, a total eclipse ran its dark path over Pelusium. I set out to determine whether it would show the danger, and if so, whether it might relate to the (probable) cataclysmic eruption of Krakatoa, three years earlier.

“*The Plague of Justinian may have been the most terrible that has ever harrowed the world.*”³² Kuh, Mu Capricorni, culminates, a star near the end of the Sea-Goat's tail (precession correction to 2000 is 20°24'), announcing uncharacter-istically cold weather (Manilius called Cap-ricornus “*the shivering sea-goat*”),³³ in

ancient China these stars were *Kou*, the Howling Dogs, who plaintively howled by the graves of their masters until they died; it represented lamentations for the dead. The eclipse itself (Figure 7), at the end of Aquarius, conjoins Neptune (again, an afflicted Sun!), all at the epidemic-prone stars in the

flow of water from Aquarius' Urn;³⁴ tropically, they share the Ptolemaic terms of Mars and the face of the Moon-of-the-masses. It is already apparent that there is no joy in this eclipse.

The powerful Taurus Bull rises, but his ruler Venus, which also governs the 6th house of illness, is extremely debilitated, in detriment in the 12th, squared by a Sedna-Pluto conjunction at the 9th house cusp. Her solstice point, 17Vi50, tightly conjoins the Part of Peril (Asc + Ruler 8th - Saturn), in the 5th house, the 12th of hidden matters, relating to the 6th of health, suggesting a hidden threat,

*I will pour my fury upon Pelusium,
the strength of Egypt...³¹
- Ezekiel 30:15*

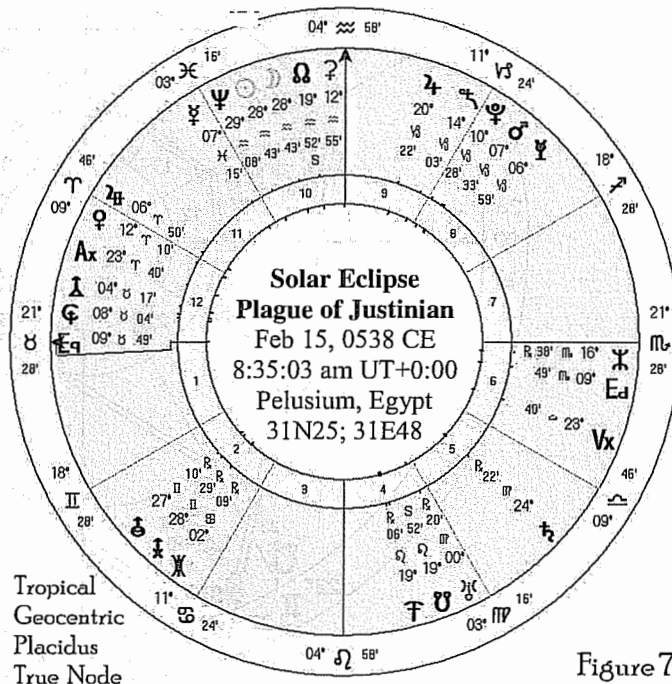


Figure 7

not yet manifest, and Saturn in health-or-illness sign, Virgo in the 5th, abets this possibility. Hades and Vulcanus are 4° apart in the 12th—Vulcanus at Algol, the most feared fixed star of all—and Hades at the sorrowful Pleiades Cluster (at that time this was the helio north node of Mars as well!), warning of suffering to come. The strange trio of Transpluto-Zeus-Eris still holds together; Transpluto and Zeus align with Wasat, Delta Geminorum, a star associated with air contamination and mass deaths.³⁵ Kronos of leadership and Saturn of authority (ruler of the MC and dispositor of the eclipse) are both retrograde and are even further weakened, the first by its conjunction with the SNode, the other by being peregrine and receiving a sesqui-quadrate from Hades, indicating either helplessness or lack of will from leaders. (With Saturn's dispositor, Mercury in detriment-exile in Pisces, I suspect that any ruler in residence would high-tail it out of town at the first hint of a sneeze!) This is underscored by Uranus, co-ruler of the MC, afflicted by an opposition of Neptune. The lunar nodes afflict the Asc-Dsc, always a warning of danger.

The vertex, associated with things out of control in the environment, is in the 6th of illness at Alpha and Mu Librae in the South Scale of Libra, a place of smog and fog, suggesting that the atmosphere is already contaminated from Krakatoa's eruption, and the Equatorial Dsc is at the star-region where shaman-physician Ophiuchus' left hand grasps Serpens, part of the ancient Euphratean *Mulu-bat*, *Man of Death* asterism associated with dead bodies and disease;³⁶ Ophiuchus-Serpens and the Scorpion of death are the setting constellations. In the 8th to 9th cusp area are gathered a grim quartet of Admetos, Mars, Pluto and Sedna, the first two aligned with black hole, LMC-X-1, the latter two at the head of Capricornus, a place of eruptions and epidemics; Mars and Neptune together spawn infections; here baleful Mars, exalted in Capricorn, and with Admetos as his co-conspirator, forms a sinister septile with the dank sea-king, who depletes the Sun and Moon; the MC, the midpoint of this grim dance, is further embattled by the square of Vulcanus-of-eruptions in the 12th, *in the degree of Hades at the great 535 cataclysm*; Jupiter in the Sea-Goat's back is *at the MC of the 535 eruption lunation!* ...

Jupiter's trine to the Asc is not benefic, for a trine is a wide-open channel of energy; here Jupiter, ruler of the 8th of death is (apparently) bringing in from foreign lands (9th house) Krakatoa's contaminating ash that has been, by now, carried around the world (Jupiter disposes, and its antisca squares, Mercury of atmospheric conditions). All of which brings us to an important question: we know that a ghastly plague began in this area in 540 CE, and this chart seems to presage the event; but can we definitely connect it to Krakatoa?

Putting the 535 eruption-lunation chart side-by-side with this eclipse (Figures 1 and 7) the connections are remarkable. I have already mentioned that plague-eclipse Jupiter is the eruption lunation's MC; eclipse NNode is on the eruption's tight Sun-Neptune conjunction's midpoint; eclipse Venus (ruler, Asc, 6th) is the eruption's Mars; the eclipse's 12th house Avx is the eruption's Asc; Vulcanus is the eruption's Hades; the eclipse's Asc is square the eruption's Neptune; eclipse Transpluto is the eruption's Eris; and eclipse Vx is the eruption's Jupiter and Des!³⁷ When I began, I had hoped for perhaps three or four connections, at the most—this result far exceeded my expectations! There is not only a connection, but a devastatingly powerful one.

I have been fascinated by the work of Keys and other scholars, who, working in a wide variety of sciences, found evidence for a remarkable, history-shattering event, and I've set out to take their work into the realm of astrology, to ask the questions:

- a. Can astrology find corroboration for Keys' thesis? Then, if it seemed to prove out,
- b. Can astrology add substantially to the evidence presented in his book? I hope I have shown that it can.*

Endnotes

- 1 John of Ephesus: Keys, p. 281, has: "*This apocalyptic description was set down in the second volume of his greatest historical work, the Historiae Ecclesiasticae (Church Histories). Sadly, only the third volume has survived fully intact, but luckily, the description of the near-demise of the Sun and other fragments of the preceding tome were plagiarized by a much later historian, a patriarch of Antioch called Michael the Syrian, who wrote six centuries later.*"
- 2 Keys, pp. 4-5.
- 3 *Nihongi: Chronicles of Japan from the Earliest Times to AD 697*, translated into English by W. G. Aston, published by Charles E. Tuttle, Rutland, VT, with no publication date given.
- 4 Keys, p. 245.
- 5 Keys, p. 251; *Nan-shi*, or History of the Southern Dynasties (Song, Qi, Liang and Chen, AD 420-589) reported *thunder* from the southwest (the chronicles rarely mentioned thunder) in February, 535. The *Nan-shi* was written by scribes in the south Chinese imperial capital, Nanjing, 2,800 miles from Krakatoa; since the explosions of Krakatoa in 1883 were heard in Saigon, Bangkok, Perth and Manila, each nearly 2,000 miles away, and by residents of Rodriguez Island, 2,968 miles distant, it is quite possible that the sounds of a great eruption would have been heard in Nanjing.
- 6 The volcano's proper Javanese name is *Krakatau*, but the errors of early telegraph operators and/or newsmen, who unwittingly changed it to *Krakatoa*, have stuck.
- 7 Keys, p. 253, quoting an ancient Indonesian chronicle, *Pustaka Raja Purwa* or The Book of Kings; on p. 258, Keys notes that there are problems relating to this text; the surviving manuscripts were written in the 19th century, 13 centuries after the events described, and the eruption is described as taking place in the 338th year of the Shaka calendrical era, which equates to the Western year 416 CE, not 535; scholars disagree on the veracity of the manuscript; some see it as fictitious, others that it was gleaned from Javanese or Sumatran folklore, drama, and oral traditions. (Keys delves exhaustively into the problems of translating, reading and interpreting ancient Javanese texts.)

- Among the many complex arguments about this text are two salient points: scholars of ancient texts often find that the dates given in them are wrong, and (most importantly), even allowing a broad error allowance (plus or minus 25 years), ice cores show no evidence of major volcanic eruptions of the described proportions around 416 CE.
- 8 The great eruption of 1883 began on May 20, approximately 10:30 am LMT, 6S06:09, 105E25:23, and culminated with the huge cataclysm of Aug. 27, 1883, 10:02 am LMT.
 - 9 From here onward, this Full Moon will be referred to as *the eruption*, although this was not necessarily the event itself, but very likely quite close to it.
 - 10 Leo Cluster of Galaxies: Abell 1020 in the Lion's belly, less than 1° north of the ecliptic, thus doubly powerful in this context. Since most, if not all galaxies have a black hole at their cores, this is also a cluster of black holes.
 - 11 Ceres is related to famine in a 1976 list of key words (unpublished) by asteroid research pioneer Eleanor Bach; under Negative Manifestations, her list included drought, famine, malnutrition, diminished productivity, food poisoning, stunted growth and unemployment.
 - 12 Capricorn Ingress 2004: Dec 21, 2004, 12:41:40 pm UT; 1st century astrologer Manilius wrote of the onrushing Sea-Monster causing "an angry sea smashing into every coast...the shore is shipwrecked in the flood."
 - 13 Ptolemy, *Tetrabiblos*, Book 1, Chapter XXI, trans. Robbins, pp. 107-113.
 - 14 For example: Eruption, Vesuvius (40N49:16, 14E25:34), Aug. 24, 79 CE, approx. 1 pm LAT, preceded by Solar Eclipse path over Vesuvius Jan 5, 75 CE, 13:20: 48 UT. Great Lisbon Earthquake (38N43, 9W10): Nov. 1, 1755, 9:30 am LMT; Solar Eclipse path over Lisbon Oct. 26, 1753, 10:28:06 AM UT. New Madrid, MO Earthquake (36N36, 89W32): 1st in series, Dec. 16, 1811, 2:15 am LMT; Solar Eclipse path across southern Great Lakes and Mississippi Valley Sep. 17, 1811, 6:51:38 UT. Tambora Eruption(s) (8S15, 118E00), Apr. 5, 1815, 2 pm LMT and Apr. 10, 1815, 7 pm LMT; Solar Eclipse path over Southern Indonesia Apr. 4, 1810, 1:38:59 am UT. Great Eruption of Krakatoa (6S06:07, 105E25:23) began May 20, 1883, 10:30 am LMT; Solar Eclipse path began Eastern Indonesia (east of Krakatoa) Nov. 10, 1882, 11:20:02 PM UT. Mt. Pelee, Martinique (14N49:12, 61W10:12) May 8 1902, 7:50 am LMT; Solar Eclipse path over Antilles Jul. 29, 1897, 3:57:45 pm UT. Mt. St. Helens (46N12:00, 122W10:48) erupted May 18, 1980, 4:32 pm UT; Solar Eclipse path over Mt. St. Helens Feb. 26, 1979, 4:45:12 pm UT.
 - 15 *Secrets of the Ancient Skies*, Chapter 2.
 - 16 *Ibid*, Chapter 5.
 - 17 *Ibid*, Chapter 5.
 - 18 Transpluto: shock, trauma; also that which is global, universal; Zeus: fire, combustion, irresistible force, creative/destructive power; Eris: disruption, obliteration, chaos. (I am indebted to geologist-astrologer Francesco Schiavinotto for the Eris keyword, *obliteration*.)
 - 19 Sedna's orbital cycle, according to Neville Lang of Esoteric Technologies, is more than 12,000 years!
 - 20 Sanskrit scholar Valerie J. Roebuck cites Monier-Williams' Sanskrit-English Dictionary (1899) for the interpretation "Requiring a Hundred Physicians."
 - 21 Manilius, *Astronomica*, p. lxiii.
 - 22 360 divided by 19 is 18.947368 or 18°56'50.5"; multiplied by 9, this comes to 169°24' 42"; and 360 divided by 17 is 21.17647 or 21°10' 35"; multiplied by 8, comes to 170° 31'35"; thus these two harmonics come close together at approximately 170° and can be eyeballed on a mundane predictive chart's major axes, on an ingress, eclipse or lunation; for instance, if there is a planet that is 10° from one end of an axis, that means it is 170° from the other end, revealing that these two obscure but important harmonics are in play, and an earth upheaval event may be coming.
 - 23 Halley's 530-531 CE perihelion: Sept 27, 530 CE OS, 3:06 am UT; the comet was 6° Scorpio, aligned with a supernova remnant called the Lupus Loop (*huge conflagrations, explosions, storms, high winds, floods*).
 - 24 Manilius, *Astronomica*, p. lix: Typhon was a monstrous dragon of flames and fire who terrified even the gods; Jupiter zapped him with a thunderbolt and dropped the island of Sicily on him to hold him down, with Mt. Etna on his head; its frequent eruptions are attributed to Typhon's (understandable) annoyance. That the 2nd and 8th houses were referred to as *Abodes of Typhon* suggests that these are the houses that may relate, more than others, to earthquakes and eruptions.
 - 25 Sedna, Inuit goddess of the sea and sea-creatures, has a complex myth. In some versions, she is a lovely young woman brutally betrayed by both husband and father; in others she is a huge, hideous, endlessly ravenous ogress who tries to eat her parents and is brutally drowned by her father. Among the sites offering the harsher versions of her persona are <http://www.answers.com/topic/sedna>, <http://en.wikipedia.org/wiki/Amarquagssaq> and http://www.godchecker.com/pantheon/native_american-mythology.php?deity=SEDNA.
 - 26 Actually this famous phrase was originated by Theodore Roosevelt in 1897.
 - 27 For instance, the great San Francisco quake on Apr. 18, 1906, 5:12 am, progressed to San Francisco's Loma Prieta quake of Oct. 17, 1989, featured a progressed Sun-Earth conjunction with progressed Asc-Dsc, all squaring the 1906 quake's Asc-Dsc, while the progressed MC-IC axis had reached 0° Aries and 0° Libra, and the progressed Equatorial Asc-Dsc axis had come to 0° Cancer and 0° Capricorn! Solar arc directions work as well. It is possible that this technique may prove useful in earthquake prediction.
 - 28 This was the beginning of the 1883 eruption. After blasting for 3 months, on Aug. 26 at 1:06 pm LMT, it entered its last, extremely violent phase, which culminated with its final paroxysmal cataclysm on Aug. 27, 1883, 10:02 am LMT. (The May 20th chart is far more dramatic than that of Aug. 27th).
 - 29 All of these examples have orbs of 1° or less, usually considerably less.
 - 30 This is in the eastern Nile delta region, near present day Damietta (Damiata or Domyat).
 - 31 In many versions of the Bible, Pelusium's Hebrew name, Sin, is used. The city was once a powerful Roman fortress, now silted over by Nile mud.
 - 32 Cartwright, *Disease and History*, p. 17.
 - 33 Kuh, Mu Capricorni, the star at the MC of this eclipse, was the place of Saturn at a Mars-Jupiter-Saturn conjunction of March, 1345, just before the Black Death (Bubonic Plague) reached Europe (the University of Paris Faculty of Medicine officially considered this conjunction—March 2, 1345, 6:49 am UT, Paris, France—as the cause of the great pandemic that killed about 25,000,000 in Europe and untold millions worldwide. (Kuh's 2000.0 position is 25Aq50); it is also interesting that the 1345 Neptune was 5Aq25, the degree of this MC.
 - 34 Stars of the flow of water from Aquarius' Urn also hold the figure of the Water Purer's predecessor, the ancient Euphratean physician-goddess, Gula, which affirms the Vedic tradition of these stars as *The Hundred Physicians*. Examples: Mercury was here at the Bubonic Plague Mars-Jupiter conjunction of March, 1345 (see note 33); this was the Moon at the 1916 Cancer Ingress when a devastating polio epidemic struck New York City—by summer's end 27,000 were paralyzed and 9,000 had died; Uranus in 1925 when the last in a relay of Canadian dogsled teams, after courageous treks through severe blizzards, reached Nome, Alaska with desperately needed diphtheria serum, and Saturn in 1995 at the outbreak of the Ebola virus in Kikwit, Zaire. This was also the natal Jupiter of nursing and public health pioneer, Florence Nightingale, the Saturn of antiseptics pioneer, Ignaz Semmelweis, and Pluto of pioneer epidemiologist, Dr. John Snow, famous for his classic study of the cause of the terrible 1854 London cholera epidemic. (He tested the *stream of water* (Aquarius!) from a street pump in the most afflicted area of London.)

- 35 The Moon and Saturn were at Wasat at the August, 1945 atomic bombing of Hiroshima, which resulted in mass deaths and widespread radiation sickness.
- 36 *Primitive Constellations*, Vol. II, p. 89.
- 37 All aspects listed here have orbs of less than 1°.

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Rob Hand calls **Diana K. Rosenberg** “the leading authority on Fixed Stars.” A Regulus Research Award nominee and Vice President of NCGR’s Uranian Society SIG, she wrote *Fixed Star Workbook*, *Lunar Mansions Workbook*, and *Encyclopaedia of Fixed Stars and Constellations*; Llewellyn’s *The Astrology of the Macrocosm* includes her chapter on earthquake prediction; Groundswell Press’ *Hindu Astrology Lessons* includes her chapter, “Fixed Stars and Lunar Mansions,” and NCGR’s *Essentials of Intermediate Astrology*, her essay on “Fixed Stars.” Her book, *Fixed Stars and Constellations in Natal and Mundane Astrology*, is in process. Diana can be reached at 212-663-2243; email: fixed.stars@verizon.net; website: <http://www.ye-stars.com>.

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That Lucky Old Sun

by Elizabeth Rozan

We conclude this Winter Solstice issue with a salute to the voice of spirit, the incomparable Sun, poetically presented by Elizabeth Rozan.

Imagine Copernicus (February 19, 1473 – May 24, 1543),² sitting in his tower at the Frombork Cathedral in Northern Poland with his starry thoughts. He took perhaps many a journey out to experience the far reaches of his own soul to arrive at the paradigm shift from a geocentric to a heliocentric view of the workings of our solar system. In the absence of towers and an overload of ambient light and other electronic necessities of today's world, are there tools available to assist us in our journey and to assist us in staying connected to things that really matter?

One tool is the analemma. It offers a play on perspective—the inner and outer; the *as within, so without*; the dark and the light; the night and the day; Earth and the Sun—that we can acknowledge each day, but more readily each December. The play of the Sun along its path of the analemma, is most obviously felt at this time. The analemma is not a technique, but a tool of basic astronomy, with which we can deepen the understanding of what exactly we are working with in astrology. It represents the interplay of Earth and the Sun, over space and over time.

To begin to understand the factors of space and time, the astronomical facts of Earth can provide an orientation of space. Earth is spinning on its axis, it is tilted, and it is rotating around the Sun. There is a lot of movement as various parts of Earth face the Sun over the course of 24 hours and over the course of 12 months. Thinking about it is like twirling around and falling to the effects of dizziness. Understanding it can

be likened to whirling dervishes who've learned to spin and maintain the upright position. While we're spinning around, there are three space plane systems of measurement in the celestial sphere of Earth.³

1. Axial spin: The Horizon/Prime Vertical Plane forms the essential cross, from which the coordinates of both the horizontal ascendant-descendent and the vertical zenith-nadir are measured. (The zenith and nadir, overhead and beneath the observer, are often confused with MC-IC positions, which are derived from the ecliptic plane.) This spin gives us day and night, called diurnal motion. Where this plane meets the ecliptic plane, the ascendant degree of a horoscope is determined.
2. Axial tilt: The Equatorial Plane measures declination, the distance north or south of the equator.

There is a 23°+ angle between the equatorial and ecliptic planes.⁴ This north or south declination position found in the ephemeris has a longitude equivalent. A longitudinal position of Sun at 0°

Capricorn in 2008, for example, corresponds to a declination measurement of 23S26.

3. Rotation around the Sun: The Ecliptic Plane is the zodiacal circle. It indicates celestial longitude of Earth, as measured in degrees around the 360° circle of the orbit around the Sun. From the geocentric perspective, we say the Sun is located at 0° Capricorn, and we can visualize where exactly that is in the natural horoscopic sphere. The Ecliptic Plane results in the MC-IC positions (degree of culmination and the opposite degree beneath Earth).

As Earth moves around the Sun over the course of the year, Earth's declination creates the analemma, showing the wide overview of the passage of time,

*What indeed is more beautiful than heaven,
which of course contains all things of beauty.*

~N. Copernicus¹

measured by year, month or day. Though it is Earth that is moving, it appears that the Sun is moving, shifting direction south to north, and simultaneously moving through the backdrop of the 12 signs of the zodiacal plane. Geocentric oriented as we are, we say that the analemma is the Sun's path. This Earth-Sun cycle is related to Earth's orbit around the Sun, which takes one year, 365 days in the civil year and 366 days each leap year.

The yearly measurement, always relative to the Sun, is known as a tropical, natural, seasonal year in Western astrology as measured from the Vernal Equinox (0°Aries, 00N00) when the Sun crosses Earth's equator from south to north declination. During the 12 month period, Earth orbits around the Sun, tilted and spinning. There is the monthly measurement of time, related to the Moon cycle, and the daily measurement of time, related to the tilt and spin of Earth, which gives the appearance that the Sun is rising and setting. The length of each day is determined from the amount of time it takes for Earth to make one complete rotation on its axis, divided up as 12 hours *ante meridiem* (am) and 12 hours *post meridiem* (pm) thanks to the Babylonians 5,000 years ago.⁵

Although it is Earth that is spinning and orbiting around the center of the solar system (the Sun), as noted by Copernicus, it appears from our perspective that the Sun moves. Keen observers note that this (apparent) path of the Sun around Earth, is shaped like a lemniscate, the figure 8, the symbol of infinity. The analemma differs slightly from the standard figure 8 in that the loops are unequal, with the top part smaller than the bottom.⁶ The charted movement over infinity, along this path, in this shape, thus is called the analemma, a word that comes from the Greek for *support* and the Latin for the *pedestal of the sundial*.⁷

The analemma is like a calendar, showing an equation of time for each day of the year, as measured by the apparent declination (vertical measurement of bodies in relation to Earth's equator) of the Sun.⁸ Is it any surprise that the Sun would demonstrate its majesty in such a way? It is a force to be recognized. Consider some properties:⁹

A self-luminous, wholly gaseous star; 99.8% of all matter in our solar system; huge gravitational pull which forces the planets to orbit the Sun; sole source of light and heat; very hot; oscillates as a boiling inferno of gas; rotates eastward on its inclined axis over a period of 27.2 days; sunspot eruptions every 11-13 years that impact Earth's magnetics and communication.

That lucky old Sun is truly a phenomenon, and has a playful side, "*rolling around heaven all day*."¹⁰ Through its rhythmical movement and looping action, it creates the analemma to measure time with great precision and regularity, providing a natural rhythm for the progression of life over time.

In 1912-1913, Rudolf Steiner published a set of 52 verses related to the Sun's path. There is one for every week. Steiner, whose early work in Theosophy led to his worldwide movement in Anthroposophy, believed that paying attention to the path of the Sun can assist in the development of the human soul by opening to the rhythm, wisdom and wonder of spirit, represented by the Sun.¹¹ With the Theosophical focus on the body, the soul, and the spirit, the Sun is the voice of the spirit. We can watch it move; we can feel the shifts in energy as it moves from sign to sign, from season to season; and when in right relationship with it, we can hear its message: "*The Sun brings pure impulse from the cosmos*."¹² It is a daily life affirming gift, that serves to recharge the focus of what is important.

There are a few particularly intriguing facts related to the analemma which are astounding in regularity. The first is related to the declination positions of the Winter and Summer Solstices, the bottom and top points of the figure. As we approach the shortest day of the Winter Solstice in New England (reversed for southern hemisphere),¹³ we welcome the light of the December Full Moon, called *The Long Night Moon*.¹⁴ The Sun is ever so low, moving to the bottom of the analemma, taking up its lowest point of south declination. Here, the Sun remains at the low point (23S declination) for 10-12 days, both before and after the actual Solstice, roughly from December 10-January 2. Within this 10-12 day period, while some people are singing "*The 12 Days of Christmas*",¹⁵ there is a period of standstill, during which the Sun hovers at the lowest point

Table 1

Winter Solstice	0° Capricorn	Christmas
Imbolc	15° Aquarius (Man)	Candlemas/Groundhog Day
Spring Equinox	0° Aries	Easter
Beltane	15° Taurus (Bull)	May Day
Summer Solstice	0° Cancer	St. John's Tide
Lammas	15° Leo (Lion)	Feast of St. Peter's Chains
Fall Equinox	0° Libra	Michaelmas
Samhain	15° Scorpio (Eagle)	All Saint's Day/Halloween

of the analemma, at 23S26, for four to five days (somewhere around the 21st, 22nd, 23rd, 24th, 25th of the month), covering the actual Solstice. This low point is most noticeable in the time of sunrise, which is later and later at this darkest time of the year.

Within these low point days, a few days after the Solstice, from about December 29-January 9, the Sun rises its latest, at 7:13 am EST, as if building momentum to turn the corner at the lowest point, and move up the path. With these short days, the Sun has fast movement through the months of October-February.¹⁶

A parallel process occurs at the time of the Summer Solstice in New England, at the highest point of the analemma. The Sun remains near the high point (23N declination) for 10-12 days both before and after the actual Solstice, roughly June 10-July 2. The Solstice or standstill, at the highest point of the analemma, at 23N26, lasts four to five days (19th, 20th, 21st, 22nd, 23rd), covering the actual Summer Solstice. Within these high points, for a few days before the Solstice, approximately June 8-21, the Sun rises at its earliest, at 5:07 am EDT. The Summer Solstice itself is the longest day. With these longer days, the Sun has slower movement through the months of March-September. The Sun's rising at its latest after the Winter Solstice and its earliest before the Summer Solstice, adds to the visual picture of the analemma. Observers can begin to get the feel for the dimensionality of the Sun's path.

The second intriguing fact is related to the crossover days. On both April 13 and August 29, the Sun rises at exactly the same time, 6:06 am Eastern. Is there a significance in terms of mundane events? Is this a harmony point or a point of chaos? The Sun's position is approximately 23° Aries in April, and 6° Virgo in August.¹⁷ Combined with other phenomena, proximity to lunation, retrogrades, eclipses, or personal planetary placements, these days are full of solar energy, and worthy of note on a personal, local, national and international level. Through its loops and crossover days, the analemma provides a natural rhythm that supports the progression of life. It is the pedestal we stand on for support as we move through space and time.

These crossover days are not to be confused with the cross-quarter days, the most powerful fire festivals in the Druid calendar. The cross quarter days occur at 15° of fixed signs, and relate to the other traditional seasonal holidays over the course of the year.¹⁸ If an analemma is used as a calendar, the dates in the accompanying box (Figure 1) can be plugged in, along with other holidays of choice.¹⁹

The Sun is the power source of our star system. We can feel it as it brings warmth, energy, light, and intuition to the quality of each moment. It is a metaphor for humanity through its travel through the zodiac

signs. In considering the workings of the Sun, and the significant role it plays in our lives, one way of giving the Sun its recognition is to move into an experiential model of awareness. The key is the inherent value of paying attention to the natural rhythms around us. From this point of view, consider ways to give thanks to the Sun for its life-giving surge as it moves through its path over the course of the year. The Sun, as the voice of the spirit, moves every day, bringing forth a new vibration, a new degree. In an experiential model, there are many ways to watch and listen and to create some dialogue with the Sun. There are many ways to express and transform its energy. We can scream it, croon it, growl it, or let the guitar sing—or there is silence, where the power of the Sun can be absorbed quietly, on a physical or psychic level.

Consider again Copernicus (St. Nick?) in the tower of the cathedral—Goethe's words could sprinkle golden light in his dark hair:

*Sunlike itself the eye must be,
else it no glint of Sun could ever see.
If in us, there dwelt not God's own might,
in things divine we could take no delight.*²⁰

Perhaps he would have done a Sun salutation or two in the morning to get his blood flowing:

*Oh Sun, source of love, light,
and power in the universe,
whose radiance illuminates the whole Earth!
Illuminate also our hearts, that they may do our work.*²¹

Or perhaps he was inspired in the same way Steiner was, up there in the tower, thinking:

*And when I live in spirit depths
and dwell within my soul's foundations,
there streams from love
worlds of the heart
to fill the vain delusion of the self,
with the fiery power of the cosmic Word.*²¹

There are many ways to celebrate the season of darkness. The Sun wants to be recognized! From the darkness, we rush forth into life, a horse out of the gate, a goat up the hill, racing ahead on the trajectory. It is this that we can celebrate on the Winter Solstice!✽

Endnotes

- 1 Copernicus, N. Six Books on the Revolutions of the Heavenly Spheres, 1543. Quote from <http://www.webexhibits.org/calendars/year-text-Copernicus.html>. Found in Introduction to Book 1.
- 2 http://en.wikipedia.org/wiki/Nicolaus_Copernicus. Nicolaus Copernicus, born Feb. 28, 1473, 5:13 pm, Torun, Poland. Rodden Rating AA, accurately recorded, data from AstroDatabank.
- 3 Mayo, J. *The Astrologer's Astronomical Handbook*. UK: Fowler, 1965.
- 4 Westin, L. *Beyond the Solstice by Declination*. Brookhaven, MS: Gheminee, 1999, p.7. The maximum declination tilt is listed as 23° +, but it also varies.

- 5 Mayo, J. *The Astrologer's Astronomical Handbook*. UK: Fowler, 1965.
- 6 There are many sources to look at the shape of the analemma. One informative site is: <http://www.analemma.com/Pages/framesPage.html>. Another with a wonderful calendar poster is: <http://www.pikespeakphoto.com/analemma.html>.
- 7 Definition from the Webster's Unabridged Dictionary, NY: Random House, 2001.
- 8 Westin, L. "Declination: Astrology's Hidden Hinge-pin." Dec'07, NCGR memberletter.
- 9 Sedgwick, P. *Astronomy for Astrologers*. AZ: NorthStar College of Astrological Studies, 2003.
- 10 "That Lucky Old Sun" is the name of a song that has been recorded by many. The words and music were written by Haven Gillespie and Easley Smith, and was first recorded by Frankie Laine in 1949. A particularly pleasing version is by the Jerry Garcia Band on their Live at the Merriweather Post Pavilion, Sept. 1 and 2, 1989 CD, Disc 2, 2nd set, Sept. 1. You'll be singing along in no time!
- Up in the mornin', out on the job,
work like the devil for my pay,
but that lucky old Sun got nothing to
do but roll around heaven all day.*
- Fuss with my woman, toil for my kids,
sweat till I'm wrinkled and gray
while that lucky old Sun got nothin' to
do but roll around heaven all day.*
- Dear Lord above, can't you know
I'm pining, tears all in my eyes.
send down that cloud with a silver
lining, lift me to Paradise.*
- Show me that river; take me across;
wash all my troubles away. Like that
lucky old Sun, give me nothing to do
but roll around heaven all day.*
- 11 Steiner, R. *Calendar of the Soul*. Tr. Ruth and Hans Pusch. NY: Anthroposophic Press, 1982. Online June, 2008. Available <http://wn.rsarchive.org/books>.
- 12 Tresemer, D. Origins of the Images of the Oracle of the Solar Crosses. Online. Available 6/10/08. <http://www.starwisdom.org/solarcrossorigins.html>, pg. 6.
- 13 See: http://en.wikipedia.org/wiki/Northern_Hemisphere and http://en.wikipedia.org/wiki/Southern_Hemisphere. The hemispheric division is measured by the distance north and south of Earth's equator. From the North Pole to the equator is the northern hemisphere; from the South Pole to the equator is the southern hemisphere. "The southern hemisphere contains all or parts of four continents (Antarctica, Australia, most of South America, and parts of Africa), and four oceans (South Atlantic, Indian, South Pacific, and Southern). Several islands off the Asian continental mainland are also in the Southern Hemisphere. Due to the tilt of Earth's rotation relative to the Sun and the ecliptic plane, Summer in the Southern Hemisphere is approximately December 21 to March 21 and winter is June 21 to September 21." This is a reversal of the northern hemisphere.
- 14 Ciampi, P. *Gardening by the Light of the Moon*, 2005. CA: P. Ciampi, 2004.
- 15 Newman, P. "The Twelve Days of Christmas". *The Other Dimension*. NCGR Declination SIG Newsletter, 2003, Vol. 8, No. 4.
- 16 Tyl, N. *Solar Arcs*. MN Llewellyn Publications, 2001, p. 16.
- 17 These phenomena are easily observed through sunrise-sunset charts, or an ephemeris.
- 18 Significance of the cross-quarter dates are summarized in the material from www.druidry.org. Associating these days with the 15° position of the fixed signs of the zodiac provide a regularity.
- 19 These holidays are celebrated in the Steiner Tradition.
- 20 Tresemer, D. *Star Wisdom and Rudolf Steiner*. (quoted from Steiner's 1899 article The Character of Goethe's Spirit, p. 62). MA: Steiner Books, 2007.
- 21 Payne, B. *Sanskrit Salutation to the Sun*. Source unknown, 1985. (Found object.)
- 22 Steiner, R. *Calendar of the Soul*. Tr. Ruth and Hans Pusch. NY: Anthroposophic Press, 1982. Online, June, 2008. Available <http://wn.rsarchive.org/books>. Verse for 40th week of the Winter Solstice.

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Elizabeth Rozan (formerly **Paula R. Gassmann**), MA, a member of the Boston Chapter, holds NCGR Level IV and ISAR CAP status. Her recent collection of poetry, *Orbits and Constellations*, was published in 2008. She can be reached at www.naturalrhythms-consulting.com, elizabethrozan@comcast.net, or 781-862-5104.

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CHAPTER CONTACTS

CALIFORNIA

Bay Area Chapter

Steve Pincus, 415 558-9614
PO Box 4834, Mountain View CA
94040, stardial@earthlink.net,
Mtgs., TBA 7:30 pm, Fort Mason
Center, Building C, San Francisco.

Los Angeles County Chapter

Jack Taube, 6333 Canoga Avenue
#391, Woodland Hills CA 91367,
818 716-1765, **Ed Helin**,
eandhelin@aol.com, Mtgs.
3rd Thurs., 6:30 pm, Carrow's
Restaurant, 18355 Ventura Blvd.,
Encino CA.

San Diego Chapter

Pam Ciampi, PO Box 232542,
Encinitas, CA 92023, 888 727-6478,
pciampi@sbcglobal.net, **April Kent**
april@bigskyastrology.com,
<http://ncgrsandiego.org>.

COLORADO

Rocky Mountain Chapter

Karen Anderson, 303 258-7258,
PO Box 328, Rollinsville CO 80474,
DistantStarkA@cs.com,
Mtgs., 1st Fri., 7 pm, Nic Nac Nook,
4280 Morrison Road, Denver CO.

CONNECTICUT

Berkshire-Fairfield Chapter

Veronica Willson, 203 762-7408
297 Nod Hill Rd., Wilton CT 06897,
harrcox@earthlink.net, Mtgs., 2nd
Sun., 2 pm, Westport Woman's Club,
44 Imperial Ave, Westport CT.

FLORIDA

Florida Atlantic Chapter

Richard Nelson, 305 275-6555
8113 SW 83rd Pl. Miami, FL 33143,
aboutis@aol.com, Mtgs., 2nd Thu.,
7pm, Fort Lauderdale Airport Hilton.

ILLINOIS

Northern Illinois Chapter

Judy Johnson, 630 303-3187,
judyjohnson7807@yahoo.com,
7807 Eleanor Pl. Willowbrook IL
60527, Mtgs., 2nd Tues, 7:30 pm,
Dance Building, 1330 Webford
Ave., Des Plaines, IL.

ILLINOIS (cont.)

Southwest Suburban Chapter

Pat Hanus-Dussman, 6501 Patricia
Ave. Tinley Park, IL 60477,
patriciahanus@aol.com.
708 444-8323, Mtgs., 1st Fri., 7 pm.,
Palos Heights Recreation Center,
6601 W. 127th St., Palos Heights IL.

MARYLAND

Annapolis Chapter

Lynn Koiner, 301 589-2074,
koiner@starpower.net, Mtgs.,
2nd Sat., 10:30 am, Annapolis Hall
for the Creative Arts, Greenfield
Street, Room 205, Annapolis MD.

Baltimore Chapter

Kitty Hatcher, 410 433-5064,
kittyhatcher@comcast.net, Mtgs., 3rd
Tues., 7 pm, First Christian Church,
5802 Roland Ave., Baltimore MD.

MASSACHUSETTS

Boston Chapter

Joyce Levine, 617 923-6424,
joycel@joycelevine.com, Mtgs.,
Sat., 10 am, Belmont Town Library,
336 Concord Avenue, Belmont MA.

MEXICO

AstroMexico Chapter

Monica Escalante Ochoa, Cerrada
de Miguel Norena, #23 casa 2, Col.
San Jose Insurgentes C.P. 03900,
Mexico, D.F. Mexico 525 651-6598,
astromonica@yahoo.com.

Mexico City Chapter

Louis Lesur, Gozmez Farias 75,
Col. Del Carmen, Coyoacan
Mexico D.F. Mexico 01040,
luislesur@msn.com.

MICHIGAN

NCGR Southeast Michigan Astrologer's Round Table

Bon Rose Fine, 734 434-4555,
bonrosefine@comcast.net,
Mtgs., Sun. 2 pm; call for date
Ypsilanti MI.

MINNESOTA

Minnesota STARS Chapter

Linda Fei, 651 695-1691,
lindafei@aol.com, Mtgs.,
4th Sun., 3 pm, Twin Cities Friends
Meeting House, 1725 Grand Avenue,
St. Paul, www.mnstars.com.

MONTANA

Big Sky Chapter

Lisa Allen, 406 552-4477,
eclipseastrology@excite.com,
Mtgs., Feb., May, Aug. and Nov.,
www.astrologymontana.org
Astro-Teleconferences
2nd Sun. 11 am; 641-715-3300,
Access Code 566538#

NEVADA

Las Vegas Stargazers Chapter

Gayle Kirk, 702 558-6594,
lasvegasstargazers@yahoo.com,
Mtgs., last Thurs., 7 pm, Marie
Callendar's, Flamingo and Decatur.

NEW JERSEY

Northern New Jersey Chapter

Joanne Castro, 908 418-0365,
P0 Box 244, Lebanon NJ 08833,
jocat0413@aol.com, or **Jackie
Slevin**, jcslevin@comcast.net, Mtgs.,
Fri. 7:30 pm, call for location.

NEW MEXICO

NM Enchantment Chapter

Sandy Bryan, 505 255-5001,
nmncgr@swep.com, Mtgs.,
1st Wed. 7 pm, 721 Jefferson NE,
Albuquerque NM,
www.swcp.com/-nmncgr.

NEW YORK

Long Island Chapter

Lenore Grafmuller, 631 543-0228,
8 Eustace Drive, Commack NY
11725, lgastral@optonline.net,
Mtgs., 2nd Thurs., 7:30 pm, 302
Sycamore Ave., Merrick NY.

Mid-Hudson Upstate Chapter

Susan Campbell, 845 246-2062,
48 Elm St. Saugerties NY 12477,
bcampbell002@hvc.rr.com, Mtgs.,
2nd Mon., 7:30 pm, Marletown
Community Ctr., Stone Ridge NY.

NEW YORK (cont.)

New York City Chapter

Eileen McCabe, 212 432-9834,
Eileenmccabe@msn.com,
Hotline, 212 255-3236, **John Marchesella** (classes and workshops), 212-255-3236, Mtgs., Mon., 6:30 pm, Joanna Shannon Library, 39 5th Ave., New York City, www.astrologynyc.org.

NORTH CAROLINA

Queen Charlotte Chapter

Hazel Isaac, 704 795-5890
907 Watson, Concord NC, 28025,
hazelhisaac@yahoo.com,
Mtgs., 3rd Sun., 2 pm,
Black Lion, Pineville NC.

Network Triangle

Raleigh-Durham Chapter

Elizabeth Wilson, 919 602-6507,
TWilson851@aol.com, Mtgs.,
3rd Thurs., 7 pm, The Dancing
Moon Bookstore, 1840 Wake
Forest Road, Raleigh NC,
www.ntastrology.com.

OHIO

Ohio Valley Chapter

Ann Wood Schlesinger, PhD,
513 231-4494, kmunic8@aol.com,
7485 Mountfort Ct., Cincinnati OH
45244, Mtgs., 3rd Thurs., 7 pm,
Maderia Municipal Bldg, Euclid
& Miami Rd, Cincinnati OH.

OREGON

Southern Oregon Chapter

Mary Plumb, 141 Crocker St.,
Ashland OR 97520, 541 488-3048,
mplumb@lithiawater.com, Mtgs.,
3rd Mon., 7 pm, Rogue Valley
Metaphysical Library, 258 A St.
www.astrologyinashland.org

TEXAS

Gulf Coast Chapter (Houston)

Cinda Johnson

astrotraveler@ymail.com,
713-664-9781, 3807 Linkwood Dr.
Houston, TX 77025, Mtgs., last
Fri., Body, Mind & Soul Bookstore,
Westheimer & Midlane.

TEXAS (cont.)

*NCGR Astrological
Society of Austin*

Donna Woodwell, 512 659-5494,
PO Box 1292, Round Rock, TX
78689, Mtgs., last Mon., 7:30 pm,
Plum Blossom Wellness Center,
1700 S. Lamar, Ste.230 Austin, TX,
astrology.austin@gmail.com,
www.astrologyaustin.org.

TURKEY

Istanbul Chapter

Baris Ilhan, Av. Sureyya Agaoglu
Sok, 12/5 Tesvikiye, Istanbul 80200,
barisilhan@superonline.com,
Mtgs., Fri. 7 pm
website: www.ncgr-turkey.com.

VIRGINIA

Richmond Chapter

Edna Matthews, 804 740-1133,
PO Bx 8412, Richmond VA 23226,
ematthew@mail.vak12ed.edu,
Mtgs., last Sat, 2 pm, Weinstein
Jewish Community Center,
5403 Monument Ave., Richmond.

WISCONSIN

Milwaukee Chapter

Nancy Simpson, 262 240-0733,
904 W. Heritage, #208, Menquon,
WI 53092, Mtgs., 4th Mon., 7 pm,
nancyksimpson@sbcglobal.net,
Wauwatosa Lion's Club,
7336 St. James Ave., Wauwatosa.

Madison WI

Jacquelyn Archer, 608 442-5156,
jacquelyn@indigoray.net, Mtgs.,
3rd Tues., 700 Ray O Vac Dr.,
Conference Room, Madison WI.

SIG CONTACTS
(Special Interest Groups)

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Nona Gwynn Press, 77-35 113th
St. #4A, Forest Hills NY 11375,
718-263-8084,
synona@earthlink.net,
dues: \$15 US, \$24 overseas, www.
geocosmic.org/astsigpage.html.

DECL SIG (Declination)

Nelda L. Tanner, PO Box 153,
Chino Valley AZ 86323,
rlgraphics@earthlink.net,
quarterly newsletter subscription:
\$18 US, \$20 Canada, \$25 else-
where, www.declination.org.

Uranian Society (Uranian SIG)

Liane Thomas Wade,
531 Main St., #1612, New York NY
10044, 917 855-8824,
liane@panix.com,
dues: \$25 US, \$35 elsewhere,
www.geocosmic.org/uransig.html.