

Cosmic Overview

Gemini New Moon 2023



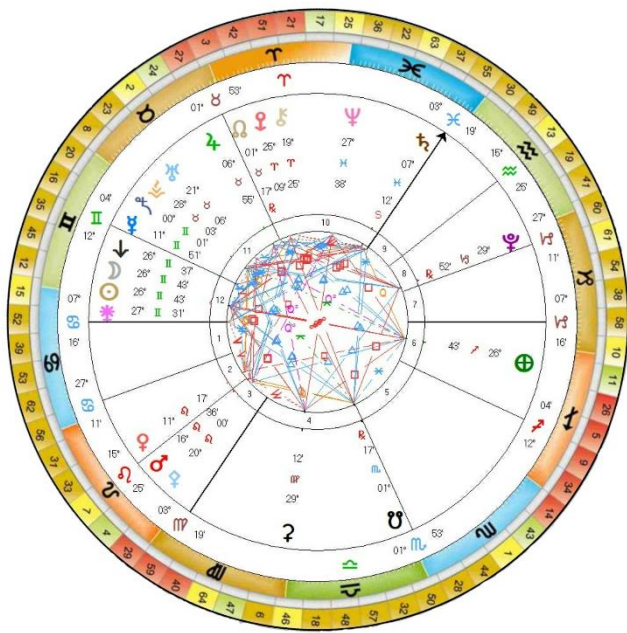
*Calmness, Gentleness, Silence, self-Restraint
and Purity these are the disciplines of the mind.*

Bhagavad Gita

*Sounds are the echoes of the 'Harmony of the Spheres'
which man took unto himself when he came down from
the Divine spiritual world into the physical world.*

Rudolph Steiner

'I AM' the Light of Interplay and Relationship



At the time of this New Moon on the 18th of June the Sun and Moon come together at 26^o Gemini 43.

At the start of the month, the Full Geminian/Sagittarian Moon, on the 3rd of June, marked the Festival of Humanity. This June Festival honours the Christ and celebrates the Spiritual potential of humanity to unify the personal will with the Will of God/Universal Source.

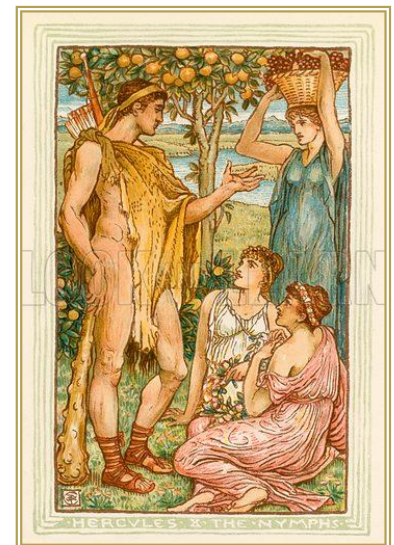
Planet Mercury rules Gemini at the personality level flowing through the **4th Ray of Harmony through Conflict**, and it is through Gemini that the mind is brought into an awareness of how duality plays out in our everyday language and thoughts, the push and pull of various desires and feelings, that keeps the individual in a constant state of changeability.

It is through this lack of constancy, this unpredictability, however, that eventually, each one begins to search for harmony, which comes with the beginning of Soul awareness, when the lower mind is no longer in the driving seat. At the Soul level, Gemini is ruled by Planet Venus, which naturally seeks to harmonise. It is through Gemini that our thoughts, beliefs, and ideologies are transformed into higher intuitive awareness, which are offered in service to the whole.

This journey of gaining mastery over the mind, is symbolised in the *Labours of Hercules*, in his search for the *Golden Apples of Hesperides*, one of the many tasks he was set, for the retrieval of his Spiritual Being.

This particular task seems to link back to the Garden of Eden, when it is said that an apple was taken from the Tree of Good and Evil, without any conscious awareness of the outcome of that act. Having taken the apple and eaten it, so began man and woman's journey of individuation on the physical plane and the development of the personal 'I' or ego.

In the Labour of Hercules, before Hercules is granted access to the apples he learns, first hand, that his mind gets in the way of listening to the guidance of his Soul, and that his mind also can get caught in illusion and glamour and that to be granted the Gift of the Five Apples he first has to understand and apply the meaning of Compassion and Service.

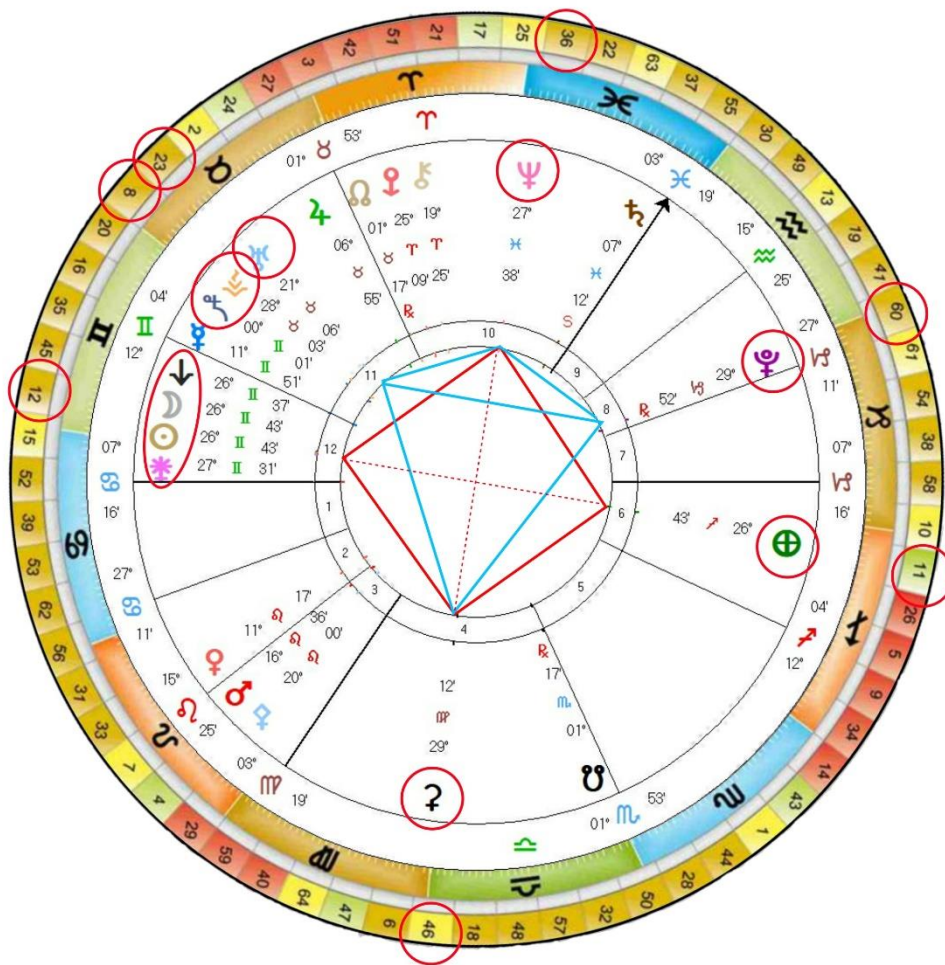


Having taken the path of individualization humanity is on the journey to consciously realign with the Soul, so as to evolve and prosper – this pathway lies within the domain of Venus and the **5th Ray of Concrete Knowledge** which is the Ray of the Aquarian Constellation and the way of the Higher Intuitive Mind.

At the personality level, Aquarius links to the planets of Saturn and Uranus, which though mentally creative, the 'creations' normally focus on enhancing the physical realm and the physical dimension and are not necessarily based on Natural/Cosmic Law. However, at the Soul level, the Aquarian Age is overlit by Jupiter which expands the consciousness through the **2nd Ray of Love and Wisdom**, so that ultimately all true scientific discoveries will come from the fusion of the Higher Mind and the Higher Heart, which is the Source of Intuition.

The intuitive mind is a sacred gift and the rational mind is a faithful servant. We have created a society that honours the servant and has forgotten the gift. Albert Einstein

Chart for the Gemini New Moon



New Moon 18th June 2023 05:37 BST London UK
<https://www.timeanddate.com/moon/phases/>

You will see that there are two very definitive planetary patterns created at the time of this New Moon – a Mutable Grand Cross (*red lines*) and a Kite Formation (*blue lines*) – and both of these patterns flow through Neptune ♃ and Ceres ♄

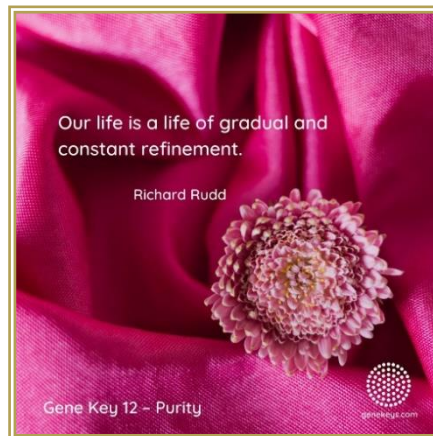
Looking at the Mutable Grand Cross first you will see that the Sun ☉ and the Moon ☾ are together with Vulcan ♃ all at 26° of Gemini and Juno ♃ at 27° Gemini. Vulcan, as was shared in last month's Review, is still yet to 'materialise' which it will do when human consciousness has evolved sufficiently to be able to respond to its planetary energies - then our personal will will be sublimated into the **1st Ray of Divine Will** acting purely as the Will-to-Good, when Vulcan's physical presence will be made known to us.

Gemini links to the Central Nervous System and to the Carotid arteries/Glands either side of the neck which link to the Alta Major chakra, at the base of the neck. 'The Alta Major is seen as a Galactic doorway to higher forces, a portal to the concentrated, high frequency beams of light that unite the Alta Major and the Pineal gland. It is the primary gateway for Divine inspiration to enter the heart, breathed in, as it were, via the gateway of the Alta Major from the heart of our Higher Self. Together, the Alta Major and the Pineal gland are the seat of your intuition. When both the Alta major and the Pineal connect, all the codes that have been waiting in the DNA for thousands of years activate, and express themselves through the throat chakra.' Peter Horttanainen

At the New Moon the Sun, Moon, Vulcan and Juno are all on Gene Key 12 known as **A Pure Heart** assisting us to move beyond the Shadow of **Vanity** to the Gift of **Discrimination** and ultimately to the Siddhi of **Purity**.

'The 12th Gene Key is special. Within the mystery of the 21 Codon Rings, this 12th Gene Key forms a ring of its own within the Ring of Trials, known as the Ring of Secrets. However, its secrets remain firmly locked away until you activate its highest frequency in the 12th Siddhi.'

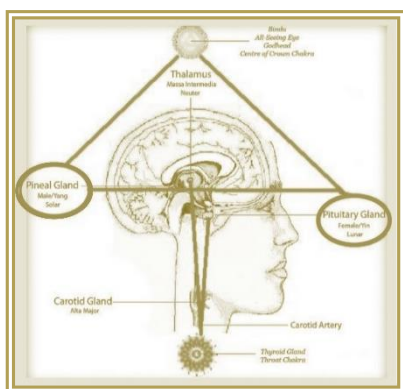
'Vanity is the first human vice and the last one to go in the advancement of consciousness. The Shadow comes from a false sense of independent power fuelling a fear-based belief that, coming from the heart, will result in a loss of power. This Gene Key Shadow allows you to progress to great intelligence and artistry, but at the same time prevents you from stepping into your wider heart.'



'Discrimination may not sound like much of a Gift, but when you truly understand the 12th Gene Key, you will see that it has a great power. To discriminate is to know inherently what and who is healthy for you in life. Where Vanity is about only loving yourself, Discrimination is about loving the things and people outside yourself that are healthy for you.'

'If you are strongly influenced by this Gift you will recognize the beauty of true expression, which means that you will also recognise when something or someone is not expressing true Soul. Wherever you see true passion moving into the world, there you are seeing the influence of this 12th Gift. It is both sweeping and consuming yet at the same time highly refined.'

'The 12th Gift contains the teachings of transformation and death – the movement from one level of consciousness to another. Of all the Gene Keys this 12th Gift represents the mythic passage from one state to a higher state in which the stop codon kills your identification with your past, allowing you to be transformed; through tears and laughter, the transcendent enters your body and alters your chemistry leaving you radically and permanently altered.'



'Everything in the Universe has at its core the same original Purity – we are all shards of a Divine crystal and as our forms go through their processes of polishing, so consciousness begins to remember itself through us. Even the most evil of beings has at its core a shining pure heart which means that in truth, there is no evil – just progressive levels of density.'

'In the ancient alchemical systems, the throat centre was seen as the greatest of all initiations. All the lower chakras including the heart are synthesised and purified in the throat. In this respect, it is the Daath of the Kabbalah.'

'The Being who has passed through the abyss and entered the sphere of the 12th Siddhi becomes once again like a child. It is the ultimate purification in which you meet your own death and are reborn in a higher sphere – into the Sphere of Divine Love. You are so pure that it is not possible for you to exist as anything other than existence itself. In crossing the great Cosmic Throat Centre you are swallowed by Life itself.'

With Vulcan and Juno either side of the Sun and Moon there is a focus on the Throat Centre in the alignment of the planets. Vulcan emanates 1st Ray energy, Divine Will, and Juno represents the Sacred Marriage which occurs when the Pineal (Feminine-) aligns with the Pituitary (Masculine+)

When these essences flow together, there arises the birth of the Mystical Marriage – the union of Spirit into matter as the multidimensional forces of Spiritual Light merge with the matter of our third dimensional brain.



And the Earth, on Gene Key 11, is known as the **Light of Eden** moving out of the Shadow of **Obscurity** to the Gift of **Idealism** to the Siddhi of **Light**

'The 11th Shadow places an interference frequency between Light and the way in which the brain processes, translates and communicates that Light. In other words, your whole experience of the world is pushed off-kilter through the medium of the 11th Shadow. It, therefore, represents the field of illusion, delusion and obscurity keeping you trapped in a low vibrational hum. As such these individuals are continually viewing life through limitation, living within a very narrow band of Light waves, they do not see reality clearly. The 11th Shadow greatly limits a very specific functioning of the right hemisphere of the human brain – that aspect of the mind that does not see facts through language and number but grasps reality through intuition from the deep recesses of the brain.'

'The 11th Gift is one of the great keys of our present age. In the world of the 11th Gift, everything is a symbol of the endless pattern of great archetypes moving from the formless into form. As we humans begin to think once again with our right brains, so we will bring much needed balance to the world of form. In accessing and honouring the gifts of the Divine Feminine and in balancing the left and right hemispheres of our brain we will once again re-awaken true harmony on Earth.'



'For the being that attains the 11th Siddhi, Light is everything. If they become teachers, which is likely given their understanding of the mind, they continually reflect their own Light but at the same time guide others into their own darkness.'

Through the 11th Siddhi, you will see the true nature of mind as emptiness or spaciousness and that mind or no mind is experienced through the brain as pure Light. It represents the transcendence of duality. As long as we see things in terms of good and evil we have embraced the fall.'

'In the future, the 11th Siddhi will crack open our perception of the world so that we may access the purified Light that is the Mind and Body of the Divine. The 11th Gene Key geometrically relates to the Galactic Centre. It is through this Gene Key that the Galactic Light emerges that will trigger our DNA to release its Inner Light and catalyse the Siddhic states in many people. This will also exponentially increase the frequency field of the whole of humanity.'

As you can see there is a focus on the right hemisphere and the magnetic feminine qualities at the time of this New Moon and the Galactic Light is intensifying all that is held within this moment in time.

So how are Neptune and Dwarf Planet Ceres, which are the planetary energies that together create the Mutable Grand Cross at the time of the New Moon, as well as being pivotal in the form of the Kite, enabling this heightened consciousness? Neptune, is the portal through which the refined and rarified frequencies of Universal Love for All Life flows down through the Solar System whilst, Ceres, known as the Goddess of Earth, although also relating to the theme of love is focussed more on the Mother and child relationship, human kindness, simplicity and the nurturance of the natural world.

Neptune at the apex of both the Mutable Cross and Kite, remains, as for last month, on Gene Key 36, known as **Becoming Human** moving through the Shadow of **Turbulence** to the Gift of **Humanity** to the Siddhi of **Compassion**.

'The 64 Gene Key Shadows provide the grist for the mill of all human suffering. Each Shadow provides a mythic challenge for humanity to move through. The 36th Shadow is an emotional battle that must be fought by every individual at certain times during their life. The 36th Shadow is the Dark Night of the Soul. It is an archetype within humanity that pulls us towards the unknown and that draws the unknown to us. It draws crisis towards itself like a magnet.'

'The potential suffering that exists on account of this Gene Key, is part of a genetic family known as the Ring of Divinity. This is a beautiful revelation, as each of the four Shadows of the Ring of Divinity, Dishonour GK22, Turbulence GK36, Weakness GK37 and Doubt GK63, has the potential to awaken the highest consciousness inside you. This codon group in many respects is deeply connected to the true meaning of Christ Consciousness.'

'The Gift of Humanity truly understands emotions and consequently understands all people. This is a Gift that can only be earned. These are people who have looked deeply into their own Shadows and who have grappled with the challenges of their sexuality and emotions. At this level, these people are no longer overwhelmed by emotions as they tend to be at the Shadow level but have opened and expanded themselves to life through harsh experience.'

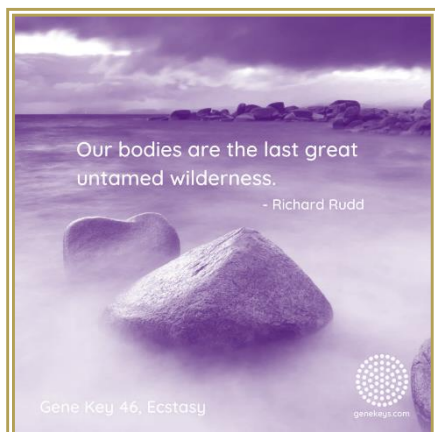
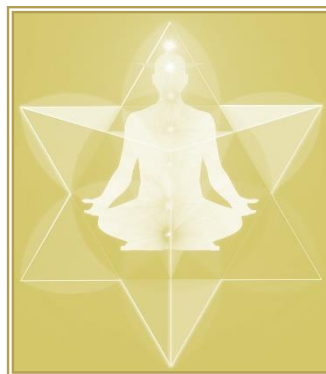
'As a living transmission, the 36th Gift carries a great teaching into the world – the celebration of Humanity. This Gift contains a natural spirituality – it is one of the most grounded of all the Gene Keys. It is a bridge for the higher bodies of humanity to move down into the lower planes and transform them. It conveys the image of Christ descending into hell and absorbing its frequencies fully into your own being.'

'The deepest role of the 36th Gene Key is to help humans to become humane - it is their courage and deep acceptance of the life process that eventually gives rise to the highest of human expressions – the expression of Compassion.'

'This is the Siddhi that spans the chasm between Man and God, between being a victim and being enlightened. In every mythic journey, there must always be a final trial. A moment of utter hopelessness and helplessness – these moments – these Darkenings of the Light – come to us in life not so much to test us, but to cut us so deeply within our own humanity that we are reminded of the awesome power of our own Compassion for all beings. Those in whom this Siddhi has awakened tend to keep moving into those areas of life where the light is most darkened. The simple presence of such people and the look in their eyes can trigger all manner of so-called miracles in those whom they meet.'

'These are the most heart-melting people ever to walk the face of the earth. Wherever they go, the true frequency latent within human suffering is immediately released and Compassion tears open people's chests and explodes inside their hearts. Even the darkest of natures can be instantaneously brought to tears through the presence of this 36th Siddhi. At the Siddhic level your own suffering becomes so universalised that it encompasses all humanity. All boundaries of the self dissolve.'

Ceres, still opposite to Neptune, as for last month, but has now moved on to Gene Key 46, reflects the Parent Child relationship, moving through the Shadow of **Seriousness**, to the Gift of **Lightness** to the Siddhi of **Rapture**.

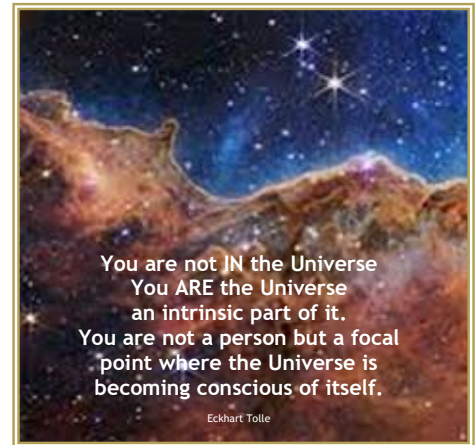


'The 46th Gene Key relates to your first seven year cycle in which all your Shadow patterns are hotwired into your physical structure – your posture, your breathing patterns and your relationship to the physical world through touch. During the first seven years of a child's life certain genes are switched on or off according to the environment they are in. When the child learns through their physical aura that life is safe and loving their body relaxes into its natural internal rhythm. At the Shadow level there is no trust in life.'

'This Gift is about feeling alive within the realm of matter. The 46th Gene Key also contains the germ of material success and failure. This much sought after secret is founded upon the principle of synchronicity – the Law that binds together all free-moving objects in

space and time. Free-moving in this context means accepting. **When you move through life with an attitude of Delight and openness, whatever happens is correct. If your attitude remains open and accepting you will see that the Universe is at work in you.'**

'Synchronicity is an energy field available to all with or without the 46th Gene Key in their profile. **The only prerequisite for tapping into synchronicity is this Delight.** It is not about being an aimless drifter – it is about holding your goals so lightly that they can be dropped at any point if necessary. It is about enjoying the ride and remembering one thing – stop being so serious!'



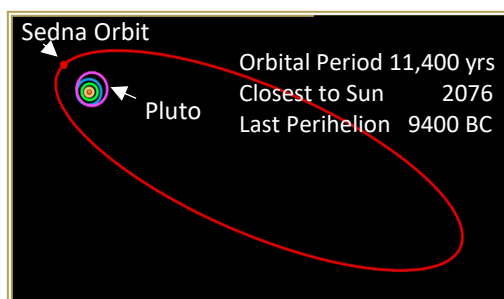
'**Ecstasy the true nature of Humanity.** There is actually no work more important on this Earth than play. When we become truly playful we reshape the nature of our Collective reality. Ecstasy is not a word that most people consider when they think of themselves and their lives. Yet it is this block at the mental level that keeps us at a frequency far from Ecstasy. If you can open your heart to receive the frequencies they represent, the frequencies will begin to seek you out, **for Siddhic states are all a matter of magnetism.'**

'People who manifest this Siddhi cannot go unnoticed in the world. The Love that swirls around them is so tangible that it can even be felt by people of the densest frequency. It is not that this 46th Siddhi is any more powerful than any other Siddhi, but that this manifestation of Divine consciousness is so close to the physical realm and it emerges through the physical body. **Matter is penetrated completely by the Spirit.'**

'Such men and women – the ecstatics – have not always found it necessary to remove themselves from the world, but have found their love within the world of ordinary life. Ecstasy comes in waves, in orgasms that travel through the Universal quantum field in which we live. **The more people who experience such orgasmic energy coming through their higher bodies the more our planet will be transformed.**

These two planets are embodying and reflecting the fine line and balance that is operating in order to hold this Lightness of Being whilst still deeply Compassionate to the suffering in the world available when at higher states of Consciousness.

And Sedna [♄] out in deepest space remains on Gene Key 8 – however Sedna, last month, had just moved into the Constellation of Gemini, having been in the Constellation of Taurus since June 1966.



Sedna takes some 11,400 years to orbit the Sun – she comes closest to the Sun in 2076 – so just as with the transition of Pluto from out of Capricorn to Aquarius, so too is Sedna ushering in great change upon the Earth. In many ways these Sedna, vast, cycles around the Sun would seem to be times of cleansing, gathering and synthesising all that has taken place over these last 11,400 years and recording the highest quintessence that has been created to take humanity and all of life into the next spiral of evolution.

Sedna will remain in Gemini until 2066. Sedna takes us back in to primeval time and to a time when the neo cortex was not dominant and so it may well be that as humanity journeys through these next years, there will be a re-aligning with the ancient awareness of the indigenous cultures, activating the limbic and brain stem, along with the neo-cortex, to create a superconsciousness that embodies all the levels of perception in an expanded awareness, as we integrate and remember these ancient timelines. To expand the consciousness in this way requires the pituitary and pineal glands to have come into a harmonious flow.

Last month the Sun and Moon were together with Sedna and Vulcan on Gene Key 8, but this New Moon sees Sedna and Vesta on this key, making a 60° aspect to Neptune. Gene Key 8 is known as the **Diamond of the Self** moving the Shadow of **Mediocrity to Style to Exquisiteness.**

'The 8th Siddhi of Exquisiteness is the natural revelation and manifestation of all the Siddhic states. People of the 8th Siddhi are not leaders. They are examples. Each Siddhi is holographic in the sense of being reflected within all other Siddhis. Exquisiteness is experienced when the Divine Essence begins to shine through the individual. In this state of bliss you fall in love with your own pristine manifestation because it is through this uniqueness that the Divine currents can be accessed.'

'This is the stage at which you achieve transcendence of your genetics. You remain differentiated at the level of form, but at the collective Universal level your awareness permeates all forms, making you both a drop in the ocean and the ocean itself. There is an inner Light and Wisdom that has a powerful and liberating effect on others, freeing them from the structured systems.'



'Their legacy to the world is to dismantle all concepts of how one should live or what one needs to do in order to attain any particular state.'

'They sparkle like exquisite rare jewels. They shine like a diamond in the heart of creation and wherever they look, they see other diamonds in various states of clarity – each one unique, each one exquisite and incomparable.'

Uranus, ♅ the Planet that links to the Higher Mind, assisting intuition and telepathy is also making a 60° aspect to Neptune, at the time of this New Moon and is on Gene Key 23 known as the **Alchemy of Simplicity**.

'At higher levels of frequency your mind sees further and further and more clearly. At the level beyond the clouds the world mind is left below and you begin to move in to more silence.'



'The 23rd Siddhi has an alchemical flavour to it – the ability to extract gold from base metal. People with this Siddhi are able to touch the gold hidden within other human beings. They can transmit the power of the awakened state through a word or a look or a gesture. This is the Midas touch.'

Every person has a unique key that opens them to a higher state of consciousness and the people of this Siddhi hold all the keys. They do not necessarily know that they hold the keys – they simply respond spontaneously to each person and in so doing they touch the core of that person.'

'This is the true explanation of the secrets hinted at by alchemy – that the physical body itself contains the seed of the Siddhic consciousness. It is concealed in your DNA and controlled by a hidden timing mechanism that is utterly spontaneous and out of your individual reach. The real power of the 23rd Siddhi is in its direct transmission in the flesh. Once this Siddhi has fully dawned inside a person they become an alchemical agent that overtime refines all and extracts the Quintessence from the dross.'

Pluto ♇ is the final planet that forms the Kite formation and as for the last many months, continues on Gene Key 60 known as **The Cracking of the Vessel**, assisting us to evolve through the Shadow of **Limitation**, to the Gift of **Realism**, and onto the Siddhi of **Justice**.

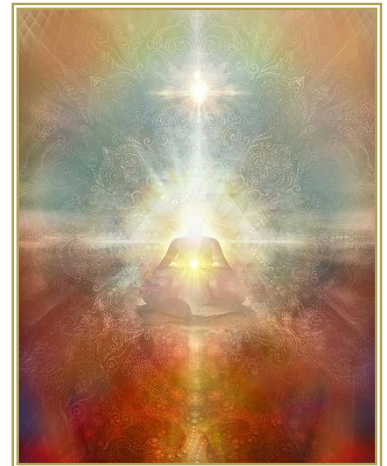
'Most people do not think magically; they do not leave the door ajar within their brains so that inspiration may creep in at any moment. The main reason for the death of magic is closed-circuit thinking, where the mind follows familiar patterns or systems of thought around and around without the ability to think beyond them. It is out of this closed-circuit thinking that all self-limiting forms are ultimately brought into the world.'

*'There is great capacity for magic in this Gene Key which may sound odd as it is called the Gift of Realism. However, the only thing needed for magic to occur is some form of a structure and an open mind! Common sense/realism is not in opposition to magic. **It is common sense to remain open-minded to everything in the Universe because everything has at its core the same wondrous inner Light.'***

*'Justice is not about retribution, it is a reward. **It is given as Grace, not taken as punishment, and when it is given, freedom flows from it.** It is not an imposition or a limitation. It is an invitation, an opening. It is not up to us to punish. Life redresses the balance, and it is always about balance. Our invitation is thus to let go. **The Siddhi is always about the quantum leap from the personal dimension to the Universal so it is all about letting go.'***

*'The 60th Siddhi holds an apt description of what happens when a human being becomes fully realised. **At a certain point our hearts open to our true Innocence and we begin to unlock other codes in our DNA that are ancestral rather than personal.** We begin to transmute more global karma, and the more our being opens, the more we are given.'*

*'When a Being attains self-realisation through the 60th Siddhi, something quite extraordinary happens, (and to the Shadow consciousness something very frightening). **The fundamental laws that govern physical existence are loosened and in some cases broken altogether.** Every time a being attains enlightenment through the 60th Siddhi, magic comes pouring through this being and they become a phenomenon, a symbol of the breaking of form – **Masters who have attained the Body of Light.'***



*'At a collective level, the 60th Siddhi will be one of the very last Siddhis to dawn. This is where the concept of a Judgment Day arises – as the 60th Siddhi begins to ignite in multiple beings it will be the ending of the world as we know it. **The laws that hold together the Earth will crack and our planet will begin to transmute.** The 60th Siddhi has been known by certain esoteric schools as the Merkaba, or Chariot of Light. The true collective Merkaba is the Earth herself, the Spirit of Gaia and the souls who hold this Gene Key hold the key to this ultimate magical experience.'*

*'When we are ready for that, we get to be an agent of Divine Justice. We take on the sins of our fractal, our fractal being the ancestral lineage we are born into. All this is in the DNA and all those acts that came out of fear down the ages are stored as sanskaras, memory imprints in our DNA. **Full realisation means we agree to transmute that on behalf of the whole.'***



One final point to look at, is that this New Moon is drawing our attention and focus to the Geminian qualities of the mind, the power of thought and how the sounds that we make, that we call 'language' have a direct affect upon our consciousness.

You will see that at the time of this New Moon, Mercury, which is the planetary ruler of Gemini, is at 11^o Gemini 51 on Gene Key 35.

Before looking at this Gene Key it is worth noting that the three glyphs that make up the symbol for Mercury ☿ are the Cross of Matter, the Circle of Spirit and the Half Circle of the Soul, and all of these three dimensions of Consciousness need to be in alignment if we are to utilise the gift, and power of thought and speech at the highest levels, when the balanced Pineal and Pituitary flow through the Alta Major and the Thalamus gland activating the Crown Chakra. Mercury is the only planetary symbol that has all three of the glyphs for the Cross of Matter, the Circle of Spirit and the Half Circle of Soul in its formation.

How fitting it is then, that Mercury, with its orbit closest to the Sun is known as the *Messenger of the Gods*.

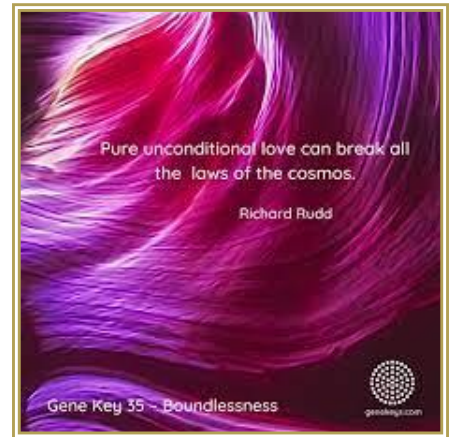
Gene Key 35, stands alone in the Codon Ring of **Miracles** known as **Wormholes and Miracles** moving through **Hunger** to **Adventure** to the Siddhi level which has the quality and essence of **Boundlessness**.

'No matter how you try to satiate your hunger in the outer world it will never be enough. At the root of this hunger is a chemical imbalance. Low levels of serotonin are fuelling this pattern of disappointment and blame leaving humanity unable to find lasting peace. The easiest and quickest way to change your life for the better is to give your love unconditionally in as many areas of your life as you dare.'

'Love is the only force that can bring an end to the Hunger of the 35th Shadow. When progress turns inward and one's Hunger for Adventure is no longer outside, but is focused within the nature of Being, the 35 Gift begins to flower. This is where the Human Spirit breaks free from the limitations of mind. The 35th Gift is the only place within all human DNA, where human beings have a choice in how their reality is constructed.'

'A new frequency is reached that allows awareness to flower and Love to flourish. This is the great Adventure that you take as the 35th Gift enters into your being – you enter a process of alchemical co-creation within your own body. As you raise your own consciousness through Love, these delicate chemical matrices begin to spontaneously form within your physiology.'

'When the Siddhi of Boundlessness enters the world, it allows consciousness to penetrate right into the heart of matter, which bends the Laws of Matter. Such a Siddhic Being represents a shortcut through evolution itself and many people can experience huge awakenings and miracles around such a Being. In this respect, the 35th Siddhi also finds a strong connection with the 22nd Siddhi of Grace, since it is Grace that decides when, where and to whom a miracle will occur. We can draw great comfort from the fact that deep within the DNA of each and every one of us the 35th Siddhi lives as a constant reminder of the infinite possibilities of a life lived in the name of Love.'



The planetary frequency of Venus, which underpins the higher Soul pathway of Gemini, would seem to be the etheric impulse that increases serotonin levels and catalyses the potential alchemical co-creation spoken of in the 35th Gene Key as we enter these times of Shift and Cosmic change.

May the **Purity** and **Light** that is flowing through the Cosmos at the time of this New Moon increase our **Compassion** for all Life, as the Karma of Ages, held within the ancestral lineage, is cleansed, healed, and brought into **Harmony** so that the **Diamond of the Self** may be revealed as the **Quintessance** of our birthright.

Love and Blessings to All

14th June 2023

Extracts from Gene Keys and 64 Ways by Richard Rudd