

# THE EVOLUTION OF MIND

A WORK IN PROGRESS.

5/10/2024

With special thanks to Peter Hammill, Jason Kay and Portsmouth Grammar School, without which none of this could have made any sense to me.

As I told my grandchildren, I have learnt from my mistakes, it is only because I have made so many, that I have learnt so much.

“All matter originates and exists only by virtue of a force; we must *assume* behind this force is the existence of a conscious and intelligent Mind. This Mind is the Matrix of all matter” ..... Max Plank 1856-1947 the Father of Quantum Physics.

“Anyone who becomes seriously involved in the pursuit of Science becomes convinced that there is a Spirit manifest in the Laws of the Universe, a Spirit vastly superior to that of man” ..... Albert Einstein

“The day Science starts to study nonphysical [metaphysical] phenomena, it will make more progress in one decade than in all of the previous centuries of its existence” ..... Nikola Tesla

“if science knew what light actually is, instead of the waves and corpuscles of incandescent suns, a new civilisation would arise from that one fact alone” ..... Russel Wallace

Like the ‘Tao Te Ching’ by Lao Tzu, this work uses words to attempt to explain and describe that which is beyond words, i.e. the mental, non-dimensional realm of Soul and Mind.

Chapter 1 page 3 The Evolution of Mind

Chapter 2 page 7 The Substance of Mind

Chapter 3 page 12 Abiogenesis, Will and Awareness

Chapter 4 page 18 The Evolution of Life

Chapter 5 page 33 The Evolution of Consciousness

Chapter 6 page 46 How Mind Evolved and Interphased with Matter

# The Evolution of Mind.

## Chapter 1

An attempt to define Mind and a few points to consider.

In this book I will refer to the overall complex concept of Mind and all non-individuated aspects of it with a capital letter, i.e. Mind. The individuated mind, corresponding with and connected to an individual body, will have a lower case 'm', i.e. mind. (Sentences begin with a capital letter. Mind, written as such with a capital letter, may not make it clear as to whether it is the individuated form or not. In those cases, you can 'make up your own mind').

Mind is where information is processed and decisions made and the decision making process is itself a mark/measure of intelligence. More intelligent decisions produce more efficient outcomes, to the benefit the individual and the survival of its species. Individual mind serves the individual body with the intention to obtain information and ensure longevity.

Mind uses memory to facilitate the decision making process. Memory and intelligence are working together to optimise decision making. Keeping an 'open mind' is beneficial to the learning process, however, what is an open mind? Maybe we will address that question in a future chapter.

How much time did I spend at school discussing the concept of Mind and what it may or may not be? We discussed Nature versus Nurture, and despite my grammar school education being broad spectrum and to a high academic standard, I have zero recollection of discussions on the subject of Mind, neither was it suggested that there could be a third factor to include in the discussion of nature versus nurture.

Why has Mind been systematically removed from the education syllabus? I have listened to many talks and watched many documentaries, why is the word 'brain' used to describe aspects of Mind? It is recognised that thoughts are mental processes, we do mental arithmetic ..er...in our mind. However, convention teaches today that mind manifests from brain. What is for sure is that highly qualified academics refrain from using the term 'mind' and prefer 'brain', even when it is obviously not appropriate.

Neuroendocrinologist Robert Sapolsky, a brilliant intellect whose YouTube

course of 25 Human Behavioural Psychology lectures is not only informative but also entertaining, but, he cannot use the 'mindword'. Although, to be fair, he did apparently contribute to the column in the Wall Street Journal called Mind and Matter.

He is, like other academics, obliged to follow the scientific convention and mindset which wants everyone to believe that all mental activity occurs within the brain.

Historically, psychology was the study of Mind and Soul until the late nineteenth century. Its course changed with emergence of the likes of Pavlov, whose experiments with dogs and the 'discovery' of operant conditioning, enabled behaviour control to be stated to be located in the brain. This enabled dysfunctional behaviour to be controlled and treated using man made synthetic medicines and drugs, generally the outcome favours the pharmaceutical company over the individual. Today, mental health of individuals and societies is very precarious and mental ill health quickly becomes mental illness. Medicines and drugs do not, in general, treat causes, they only treat symptoms. Drugs do not produce side effects, they only produce effects, one of the effects should be elimination of the symptom. Ideally it should be removal of the cause, however, in attempting to fix the problem, other problems manifest and we are told not to be too concerned about these because they are side effects.

More people die in Europe and America as a negative response to prescribed drugs than any other single killer, even cancer.... this fact should be of concern to anyone who took the Hippocratic Oath, prescribing drugs for financial gain is legalised drug dealing, did these doctors take a Hypocritical Oath...? I digress. 'My mind wanders'.

Mind, to my understanding, which I find concordant with almost everyone I have spoken to, processes information using memory and intelligence as its two prime tools to make simple decisions, solve problems and overcome life threatening challenges whenever possible.

Although it is fairly modern indoctrination that mind manifests from brain, it has long been thought by humans that mental activity occurs within the brain. Dr. Sapolsky's lectures give one of several reasons why this is so. That two thirds of all information entering the brain comes from the eyes is another reason why 'behind the eyes' seems like the location of mental activity. However, as Russell Targ, physicist at Stanford Research Institute states, 'Mind is non-local'.

If Mind is in anyway a product of brain activity, then only organisms with a brain can manifest intelligence, and process information to make decisions

in 'real time', that involves recruiting memory to some extent or another. No brain, no mind.... Er... Really?

It is most apparent that single cell organisms like the Amoeba, manifest intelligence, process information and make decisions in real time, suggesting that they use some form of memory to enable their survival to have continued for the best part of a billion years. Some species of amoeba also farm bacteria, I mention amoeba because they seem to be a type of missing link that foreran the emergence of multi cellular organisms. More of this in a later chapter.

Even should you wish to stay with the idea that brain manifests mind, as long as you accept that Mind is intelligent, processes information and uses memory to make decisions, then read on.

Discussing Mind involves philosophical considerations, something that makes conventional scientists cringe because it manifests conflict within their own minds. Bear this in mind, and I quote from G. Romane, *Mental Evolution in Animals*, 1883.

“The true scientific spirit desires to examine everything, and if in any case it is refused the best class of scientific instruments wherewith to conduct the examination, it will adopt the next best that are available.

This is proved by the fact that, in the science of psychology, nearly all of the considerable advances that have been made, have been made not by experiment, but by observing mental phenomena and reasoning from these phenomena deductively”.

This book does not follow convention per se. Convention, like most everything, will be challenged by a questioning mind, it will then be either accepted, rejected or further researched. I got my degree in Human Biology at a time when scientific convention was not what it became by the end of the twentieth century. Back then it was possible for graduates to do post graduate study in a subject of their choice. Now the money determines the areas of scientific research. Some of the assertions made in Darwin's book 'On the Origin of Species', were incorrect, but it furthered the agenda of the Scientific Materialists and so became popular. That it is apparent now, that what he published was probably and predominantly the work of a younger anthropologist, is irrelevant to documented history and the scientific materialistic mindset. Lamarckism is probably a more accurate concept of evolution, suggesting some form of feedback mechanism.

Philosophers from before Plato and Aristotle allude to Mind occupying a different state to the physical body, this concept perpetuates through to recent times, as proposed by such philosophers as Hegel, Kierkengaad and Leibnitz. If the ancient Greeks had the mathematics to prove their

ideas, the world we know would be quite different. The mathematics to support the idea, as so well defined by Descartes, that there is Mind and there is Matter, did not appear until after Descartes death.

Leibnitz, having the mind to bring Calculus into the physical world, started the ball rolling. Science uses evidence from experiment to support theories, evidence is not proof. Most accepted scientific theories are subsequently shown to be wrong and replaced by another theory that new experimental evidence supports. Using the right words to describe events is of prime importance in the academic context. If we are trying to understand Mind, Life and Existence, then it is better to be as precise and accurate as possible with our terminology.

If we are quoting from Tiktok, any words will suffice.

Incorrect word use in a sentence is not so serious as long as most of the words used are correct. It is our understanding that enables us to hopefully know what is meant by what is said. Misunderstanding can quickly lead to confusion and conflict, avoiding both, benefits physical and mental health. Understanding is a faculty of Mind. Understanding is a pre requisite to further understanding. Addition, subtraction, multiplication and division need to be understood before attempting algebra. Alphabets precede words, walking is learnt before running. Learning proceeds step by step, because understanding the step before, enables the next step to be more easily understood. Until you learn to control your own body you are not able to interact with the environment in a constructive manner.

Understanding is a fundamental aspect of Mind. A prerequisite to understanding is Comprehension. Understanding evolves, in that it slowly and gradually changes, expanding the mind accordingly. Understanding expands and in the Evolution of Mind it pre dates Awareness and Consciousness. Understanding a situation enables the Mind to develop a more efficient form of action/behaviour. Why does that happen? When we look at evolution, we see more complexity manifesting as time progresses, there is an increasing development of Form and Structure.

The earliest single cellular organisms are called prokaryotic cells, their DNA floats around the intra cellular environment along with other organelles that sustain and maintain the life processes of the organism. Subsequently, much larger single cells with their DNA encapsulated in a nucleus in the centre, appeared on planet Earth. They are called eukaryotic cells. The cells of multicellular organisms are eukaryotic cells. Prokaryotic cells originated at least 3.5 billion years ago. Eukaryotic cells barely one billion years. Although there is tentative evidence of fungi much earlier than that.

Putting it in perspective, the first fungi certainly appeared around 680 million years ago, first land plants, 500 million years, fungi and plants are all eukaryotic. In truth these dates can vary slightly according to source. To understand the role of Mind in the appearance of these organisms it is first necessary to develop an understanding of how Mind interfaces with matter and what matter actually is, then one can develop an appreciation of how it all fits together.

## Chapter 2

### The Substance of Mind

- Gottfried Leibnitz 1646-1716. Polymath, logician, inventor, advocate, librarian, diplomat, mathematician and philosopher. He lived around the same time as Isaac Newton, the latter of international fame, the former, virtually unknown in the United Kingdom but familiar to some European countries, particularly Germany and Austria.

---

Leibnitz defines genius... He constantly created new hypotheses, theories and ideas and turned many of them into working models. Some were not successful. Einstein, not to intentionally devalue his mind, was not in the same league, despite being conventionally regarded as a genius. His two major theories, Relativity and Quantum Mechanics are incompatible with each other suggesting that at least one of them is wrong. I have watched talks of allegedly accredited scientists confirming that Relativity has, at best, flaws. None of these scientists consider that each theory actually refers to different realms of existence. Einstein did not go to university and worked in a Patents Office until he was 23, genius is usually recognised at an early age and Einstein was a late developer, maybe partly because he did not come from a wealthy family and only attended a Polytechnic, so did not have all the benefits that privilege provides the more evolved mind. I went to university and dropped out, 10 years later I finished my degree course at a polytechnic that became a university.

According to [booking.com](http://booking.com), I am a genius, according to me, although I may know more than [booking.com](http://booking.com), I am well below Einstein, more likely somewhere around fungi.

---

Leibnitz's Theory of Monadology is second in its importance only to his invention of Calculus. England wanted to promote Newton as the founder and father of calculus and chose to ignore Leibnitz's calculus. 100 years later, European mathematics was leaps ahead of the English, only then did the English embrace the superior version.

In some ways his Principle of Monadology was far more profound than calculus. That his mind could contemplate the infinitely small and understand the inherent order within that, is astounding, especially considering the academic world of his time that he interacted with. He is still ahead of most in these modern times, although more recently there seems to be an increase in interest in some of his works. He defined the smallest possible substances of existence using the Greek word, monad. He referred to them as First Causes, Existents. He also allegedly produced an unofficial Monadology, which, if the Catholic Church knew of it, would have had him tried and killed for Heresy. That was because he equated the monad with the Soul. I use the term 'equated' because he was an awesome mathematician, personally I would say that the words 'monad' and 'Soul' are synonymous because, I am not much of a mathematician. A very good book about Leibnitz, not too long a read, is written by philosopher George Macdonald Ross.

The monad, as a first cause, produces second causes, waveform frequencies. This point is open to discussion because the waveform frequencies that emanate from the monad can only be visualised mentally. This work is intended to promote debate and attract greater and more able minds than mine to further our understanding of this matter.

Leibnitz also had another great tool that he defined as The Principle of Sufficient Reason. If one monad could exist then what sufficient reason would limit the number of monads? And if there was not sufficient reason to limit their numbers, then there would be an infinite number of them.

One could consider that there would be as many monads as there are zero points in the Zero Point Field.

Conventional science defines the zero point as the smallest possible thing in existence. When things measurable become smaller and smaller, eventually a point is reached where measurement becomes impossible, that is the zero point. It was from the Zero Point Field that physical matter manifested with the event called The Big Bang. Protons, electrons and neutrons, 'solid' particles with mass, came into existence, and they emanated from the zero point field. The whole physical cosmos in its entirety came into being, all at the same time, that is when SpaceTime began.



Newton stated that Space and Time were separate entities, Einstein proved him wrong and showed that the two are intimately inter-related.

Regardless, Newtonian science is still taught in schools but don't let anyone suggest that that is a form of dumbing down. Einstein showed that SpaceTime is the concept to be reckoned with, the faster someone or something travels through space, the slower it will travel through time and vice versa.

That the duality exists is a mathematical certainty. There is a physical realm of matter, dimensional in its properties, with measurable qualities such as distance, mass and velocity. Actually, time is also a form of measurement, it records movement through space. Units of measurement are conventionally accepted, which helps us develop as a global family. Centimetres and metres, grams and kilo grams, inches, feet and yards, hours, minutes and seconds are agreed and fixed in Spacetime by accepted conventional definition. It is an example where convention should be followed.

Without measurement there is no science. Without numbers there is no measurement. Pythagoras stated that 'all things are numbers', he was ahead of his time, rather like Leibnitz. Personally, I consider that the building blocks of all things can have 'numbers' assigned to them. The monad produces the full range of waveform frequencies, and by assigning a number to each individual frequency, it becomes feasible to understand their interrelationship. Waveform frequencies have no mass, they are not, by definition, dimensional material substances. In their origin They are nondimensional, originating in a realm outside of SpaceTime. They are mental not physical and represent the concept of Mind in the Cartesian duality of Mind and Matter. Mind is non dimensional, immaterial, mental and beyond SpaceTime. The physical, dimensional realm manifested from the zero point field, therefore, the zero point it at the centre of all things material. Existence cannot rationally manifest from non existence, it is not possible by definition. It is possible to consider that there are two realms of existence. Dimensional and non dimensional existence. Dimensional existence is a realm of physical matter as represented by physical bodies and cell bodies, atoms, molecules and compounds. Nondimensional existence is a realm of immaterial, mental, waveform frequencies, which are flowing points of information which, interacting with each other manifest Mind as a matter of course.

How?

Conventional science is 'stuck' with its dilemma of the 'particle, wave, duality'. Experiments 'prove' the existence of the particle, but, different

experiments confirm that it is a wave. Quantum scientists have been stuck here for decades. Their understanding is limited by The Copenhagen Agreement of 1973, stifling free thinking. Apply the dialectic, i.e. thesis and antithesis, producing a synthesis of the two. Particle = thesis, and wave = antithesis. Synthesis produces the concept of a flowing point. Nothing is stationary in the universe, and flowing points have wave form. The form of the wave is defined by the information that itself is inherent within the 'flowing point'. To be more precise, the flowing point is a complex packet of information, some of which defines the form of the wave, including its frequency. Measurements of amplitude, wavelength, frequency and what is dimensionally referred to as 'phase shift' can be ascertained. As for what other information is inherent within the point is open for conjecture.

The monad produces the full range of waveform frequencies, the full range of information existing in the universe. When a specific flowing point interacts with another specific flowing point the resulting outcome will always be the same. This point is most important to understand. A specific frequency interacting with another specific frequency will always produce an identical outcome. Here again we have the dialectic at its most simple. It is the basis of, for example, 3 plus 5 equals 8. This is a most simple explanation of the basis of everything in the universe and the complexity that it can manifest. It becomes almost infinitely more complex than that because flowing points are complex numbers and algorithmic in nature. They are not simple numbers such as I use in the example below. Different frequencies with a theoretical value of 3 interacting with a frequency of theoretical value 5, can produce outcomes such as  $1+2+5$ , or  $2+2+4$ , also  $3+2+2+1$ , and  $2+3+3$ , i.e.  $2+\{3 \times 2\}$  and even more outcomes are possible. And that is using 3 and 5 as examples. Waveform frequency interaction, simple in its origin, lends to mind boggling outcomes. Nature is a testament to this Truth.

What I have just tried to explain is nondimensional in origin. When those waveform frequencies traverse the Zero Point Field they undergo a transformation as defined by the mathematician, Fourier. In the early 19th century, he provided us with Fourier Transforms and Inverse Transforms define how, for example dimensional sound waves picked up by a microphone are transformed to 'electrical' signals passing along a wire. These signals are inversely transformed when they arrive at a loudspeaker. I consider that this same mechanism converts the nondimensional waveform frequency to a sine and cosine wave as it passes through the Zero Point Realm, becoming dimensional. Sine and cosine waves,

(sinusoidal waves), continuously rejoin at "central nodal points" as they journey through SpaceTime.

I have read that sine and cosine waves separately correspond to Space and Time accordingly, and that the positive numbers on the x, y and z axis of graphs plot spatial coordinates (as in GPS coordinates). Correspondingly the negative numbers on the x, y and z axis of graphs correspond to temporal (time) coordinates. They all emanate from zero which is the entrance to the concept of the nondimensional realm. This zero is also the point where the sine and cosine waves meet at the internodal points.

The zero point also arises in the Mayan historic mathematical explanation of the passage of time, as I understand. The Mayans had an accurate calculation of the number of days in a calendar year (365.24), they knew the world was round and other interesting facts not really relevant to this work per se. However, whilst listening to a documentary on the subject, it was mentioned that the Zero Point in their understanding, somehow related to zero degrees Kelvin, the temperature at which nothing moves and all things are connected.

So, waveform frequencies interact in a predefined manner, becoming very complex, very quickly. The interaction is a form of collision, unless there is some force of repulsion, which is to be considered as a likely possibility. As above, so below. A collision of two waveform frequencies may produce a single waveform frequency or an increased number of varying value waveforms. Bear in mind, the flowing point is a packet of data/information that has inherent meaning that can be interpreted by receptors or whatever else it collides with. Waveform frequencies when compared to pieces of a jigsaw are most similar. Only when all the pieces are present is the jigsaw complete. Only when all the waveform frequencies that emanate from the Monadic Soul are contained and return back to their source, only then (with full symmetry), the Soul is Fully Enlightened. The jigsaw is complete. That jigsaw puzzle, now representing a single monadic soul, is also a metaphorical single piece of the bigger jigsaw puzzle, the bigger picture of which, represents the Universal Soul. When all of the individuated monadic souls have attained Enlightenment/full symmetry, the Mind of God manifests, it represents the Completely Enlightened, All Knowing, Universal Soul Mind. The concept that is "God" is an all knowing, universal Soul Mind, that, with an act of asymmetry, creates the Big Bang and the physical universe.

---

Visualise the Monad/Soul constantly emanating frequencies of all ordinates interacting continuously in the non-dimensional realm and you can see a field of information manifesting around the Monad/Soul, I prefer to regard it as the Monadic Soul, MS for short. The field around each MS is its evolving mind. The process that manifests this mind field, begins immediately after the 'Big Bang'. This predetermined development of information interacting with more complex packets of information eventually manifests the existence of, what we refer to as, Intelligence. The immense range of predictable outcomes of information exchange within the mind field, enables the concept of Comprehension to manifest within it. All of this occurred non-dimensionally, a Billenia before planet earth even came into existence. Intelligence and information processing started to manifest non-dimensionally some time after the Big Bang occurred. Mind is a mental existence and how memory appears in the equation is a little more difficult to comprehend.

## Chapter 3

### Abiogenesis, (the beginning of Life), Will and Awareness

We now have established that Monadic Souls are 'individual' entities, each one emanating waveform frequencies that extend outwards, interacting with other waveform frequencies, emanating from other Monadic Souls in the Super-Singularity.

It should now already be understood that this interaction manifests an evolving field of Intelligence around each Monadic Soul. This individual Mindfield is itself interacting with all the other Mindfields, slowly becoming and evolving the Intelligence of the Universal Soul Mind.

Only flowing points of information (waveform frequencies) small enough to pass through the zero point field, originating from within the nondimensional realm, can enter the dimensional realm. Certain molecular structures such as quartz crystals, facilitate this directional flow into the

dimensional realm, it's where the regular 'pulse' that is used in watches to maintain accurate time, comes from.

Zero Point Energy comes through the zero point, by definition. Mark Cummings Ph.D., from Berkeley University, California, was working on this prior to his untimely death. He was one of those guys connecting quantum physics with consciousness who wrote some interesting papers on the subject.

Aromatic hexagonal carbon rings are structures that facilitate some zero point energy emanations, entering physical, dimensional realm. These flowing points, have relatively low amplitude, they are small enough to exit the non-dimensional realm and manifest dimensionally as very fine subtle energies.

Scientists trying to create conditions on earth when Life first started can produce a 'chemical soup' similar to conditions four billion years ago on this planet. There are nucleic acids in this liquid medium that they created. The chemical soup represents pools of water with mineral content that would likely have existed 4 billion years ago. Hexagonal carbon rings that have one of their six carbon atoms in the 'ring' "replaced" by a nitrogen atom are the backbone of nucleic acids.

The difference in structure between a carbon atom and a nitrogen atom is one electron, I wonder how long it would take an intelligent mind connecting with a hexagonal carbon ring to learn how to 'bring in' an extra electron. Bear in mind that planet earth appeared 9 billion years or so after the Big Bang, plenty of time for minds to have evolved a level of intelligence that we can only begin to conceptualise.

The importance of the carbon and nucleic acid 'ring', is that it is a dimensional structure that manifests microvortices within it. **This is a very important concept to understand.** We recognise a macroscopic vortex and can identify it as a whirlwind or tornado. Energy swirls, that carry materials in the air enable us to see them. Some materials caught in these energy swirls descend, carried by the downward forces of the vortex. Other materials are sucked upwards, the upward forces are strong enough to uproot trees and send cars soaring into the air.

These physical vortices demonstrate a two way flow of energy, up and down. When they are much smaller, as microvortices within molecular structures, they demonstrate a potential two way flow of information that can traverse the zero point field, enabling information to flow between the dimensional and the non dimensional realm.

When light hits water it breaks down into smaller packets of energy, we can see some of these as individual colours.

Around four billion years ago on this planet, within the 'chemical soup', were nucleic acids and aromatic carbon rings. Microvortices within these hexagonal molecular structures carried very small individual packets of energy, released into this liquid medium as a result of light penetrating the water. The forces of the microvortex accelerated them 'downwards' towards the apex of the vortex which, when aligned with a zero point, would send it through the channel (a zero point 'portal') created by the forces of vortex. And so it was now possible, due to these molecular structures, for information to pass from the dimensional realm into the nondimensional real. Passing from the physical realm of SpaceTime into the mental nondimensional realm 'on the other side'. That realm is outside of SpaceTime, whilst at the same time, the vortex is within Spacetime.

The vortex decreases in size as it approaches the apex. It becomes too small to measure, i.e. the level of the zero point, however, **what sufficient reason is there to suppose that existence ceases to exist just because it becomes too small to be measured?**

Of course, it does not cease to exist. Therefore one could also visualise it as being so far inside Spacetime, that it becomes outside Spacetime. Inside and outside are relative terms.

The two way channel created by the microvortex would also allow and facilitate the flow of energy/information from the mental realm back into the physical realm.

How long before an intelligent mind, experiencing information coming into its realm for the first time, would be attracted by this new source of information?

What sort of mind is interested to learn new things?

An 'open' and more evolved Monadic soul mind, (emanating waveform frequencies), could be interested in this two way information channel that 'appears' as a result of physical material activity in the dimensional realm. Energy up, energy down, information in and information out, how long before the intelligence inherent in the mind would realise that it could influence this information flow?

I define energy as being dimensional and information/data as being non dimensional. Traversing the zero point realm converts energy into data and vice versa, depending on the direction of flow, as defined by Fourier Transforms and Inverse Transforms.

## The two way flow of information between realms.

Intelligent mind then, by trial and error, learnt how to interact with the physical realm. It received data from the physical realm, via the zero point portal and consequently directed (intended) waveform frequencies back through the portal. Sometimes this would have caused an effect in the physical environment within this hexagonal molecular structure. The affect, which prompted some form of change within the physical structure, would result in a subtly different packet of energy/information returning to the mindfield.

This intentional direction of information would evolve into the decision making faculty of Mind. If this, then that, mathematically written as If ... Then... statements.

This is the beginning of the concept of Will and Awareness. Will being the Force of Mind (mental) to actualise a material response (physical). Awareness being the mind receiving and processing information returning from the physical realm, slowly it learns to recognise familiar information and its awareness evolves accordingly. A two way flow of information has begun and mind is attempting to control it. By a very slow process of information feedback, mind creates a 'picture' of what appears to be occurring in another 'realm' of existence. The mind's eye manifests. Minds share information non dimensionally and the foundation is laid for the process of Life to begin.

How exciting it must have been to be able to glean information from sources external to the mental realm, or is that just me being a bit anthropocentric?

The non-dimensional mental realm is outside SpaceTime. We can but try to understand what that truly means. It does tell us that information is processed within Soul Mind, it is processed instantly, that is very different from how we perceive the decision making processes of our Conscious Mind with its attachment to SpaceTime.

At another time, I will use the example of applying the brakes in a car, to fully demonstrate this truth, including the third aspect that is also at play, i.e. Spirit Mind decision making.

Another concept to be considered here is the 'size of Life' and the processes that constitute it. Eukaryotic cells in the Realm of Life are huge. Life is a process that only occurs within the single cell.

The human genome consists of 46 chromosomes and if these twisted convoluted spiral structures are unravelled and laid out on a flat surface they would measure in excess of 20 centimetres. Mindboggling, in that they somehow fit inside a single cell the size of a tiny pencil dot, or smaller.

I have read recent considerations of it actually being a couple of metres in total length. The total length of DNA in one cell the size of a small pencil dot is possibly more than 20 centimetres. Along with all that there are between a few hundred, or up to more than a thousand bacterial sized power stations (mitochondria) located within each single cell. Also, there are all the other organelles inside the cell, such as protein factories (ribosomes) and the Endoplasmic Reticulum where fatty acid synthesis occurs. And there are other intra cellular bodies that sustain and maintain the micro-second by micro-second metabolic changes necessary to ensure the maximum efficiency of cellular activity and the continuity of the biochemistry/life processes. Together they act in concert, to ensure that these life manifesting processes continue as efficiently as they can. Amazingly fucking awesome, to put it mildly.

All this activity is monitored in real time by an intelligent control system, the mind, that spent billions of years developing and evolving these supremely efficient mechanisms by using established algorithmic control of feedback loops flowing through to the DNA molecules of the chromosome. A couple of billions of years of initially painstakingly slow (oops, anthropocentricity again) development through feedback mechanisms of information exchange between dimensional physical existence and nondimensional mental existence.

That is why we exist in two realms (actually it is three) at the same time, inextricably linked by billions of years of interdimensional information exchange. The Dimensional realm is the home of physical matter and that, in truth, it is not three dimensional at all. However, as we have stereoscopic vision, the three dimensional world, as a concept, initially makes reasonable sense to us. Bear in mind here, that sensory information can be misinterpreted and delusional, e.g. it may sound like a monkey but, in truth, it is a bird making the sound, or, I thought my friend was approaching but as he got closer, I realised that it was not him, or, telling lies, etc etc etc. Such are words, they are data manifesting as sounds that are converted into sensory information which is relayed to the mind via the neurons in the brain. (Fourier Transforms). It is understanding that gives them credence and meaning, expand your vocabulary and you expand your mind.



Everything about life has corresponding dimensional and non-dimensional connection and correlation.

**The first primal cells come into existence:**

Within the chemical soup are compounds called fatty acids. Fats and oils. They will float on the surface and as water evaporates, surface tension will increase until the oily film encapsulates itself, forming a spherical shaped structure. Surface tension is a physical phenomenon defined by the laws of physics, which are most accurate in the dimensional realm. I acknowledge that Isaac Newton got that bit right.

Forces that cause surface tension to alter, can alter the surface layer of water molecules. With an oily film on top of them, they become increasingly bent and become more curved, then a point is reached when encapsulation occurs. This can trap some molecules within the liquid contained within the spherical structure. If one or two nucleic acids are trapped within the fatty acid wall of this spherical structure then, there it is, the first primal cell body. A lipid/cholesterol type 'cell wall' with one or two nucleic acids inside. It is not rocket science, it is nature at work.

It is also likely, as suggested by some scientists, that some of these primal cells may have their existence due to being in the proximity of thermal springs. The turbulence within the water would mix the molecules in the liquid medium, forming bubble-like spherical structures, containing a mixture of the molecules, including nucleic acids, in the liquid medium.

The water cannot evaporate so easily from these primal cell like structures now, they are lined with a fatty/oily wall. Mind now has access to a machine that can sustain information feedback more effectively than free floating molecules within the watery liquid medium. If some of those primal cell bodies have two nucleic acids within their intra cellular space, they double the amount of information exchanged compared to a primal cell with only one nucleic acid within its structure. The beginning of Life has really begun.

## Chapter 4

### The Evolution of Life.

There are at least three aspects to life that we can immediately, at least, comprehend.

- 1) the processes occurring inside the single cell that maintain its integrity and ability to reproduce and stay alive.
- 2) the processes occurring outside of the single cell and the influence and affect they have within the single cell
- 3) groups of cells acting in concert (together) as though they were a singular entity, e.g. muscle cells and groups of neurons in the brain, and the more refined and complex interactions of huge multicellular organs such as the heart, liver and kidney.

Life manifests as the activity within a single cell enabling it to function and reproduce. In evolutionary terms, the single cell precedes multicellular organisms by more than 2 billion years, and it took even longer for groups of neurons to develop into rudimentary brains.

It is important to understand the correspondence between mind and (cell) body.

“As Above, So Below”.

One has to consider what was originally occurring within this two way interdimensional flow. How that has evolved into what is still occurring in pretty much the same manner today, although rather more sophisticated, it is the mechanism by which we perceive life today. Life manifests and evolves with the single cell because of continuous feedback loops involving the mental processing of information received from the physical aspects of the cell body. Information processed mentally produces outcomes ('decisions') which send waveform frequencies ('information') back through the portal formed by the vortices within each DNA molecule.

From the earliest development of these processes where there was only one or two nucleotides (molecules that are DNA) transmitting information to the Monadic Soul Mind, until today, the mechanism is the same.

Information received by the mind triggers a response, behaviours evolved accordingly. Decision making is an automated response, the monadic soul mind dialectically responds to information it receives, processing it accordingly. Starting as waveform frequencies (data/information) and building up to manifest cause and effect, stimulus and response with

---

consequent learning and improving the efficiency of the process, i.e. enhancing intelligence.

Understanding the buildup of programmed responses enables the mind to visualise how this process evolves and develops as a matter of course. It manifests as a 'continuity of ordered control', following the same pattern as the manifestation of intelligence. Once established, the programmes/algorithms are responsible for control at the cellular level of the biochemical reactions and other intracellular activities that maintain homeostasis, the continuity of the processes that maintain cell integrity and the continuity of 'life'.

It is always, mathematical 'If, Then, Statements' not only at the cellular level, but also at the macroscopic (mental) conscious level of decision making processes of 'behaviour'.

Learning is a process whereby experience can alter outcomes, the outcome is 'remembered' and it becomes no longer necessary to remember the process, only the outcome. The outcome becomes the thesis of the next dialectical step. This is the natural order and energy saving efficiency ensues. When the mind recognises the outcome from experiential information stored as memory, it generates a new waveform, a new directive, a mental 'feeling' that is within the concept of Knowing. A prescribed defined outcome, the mind knows what will happen.

Environmental changes can throw a spanner in the works. 'Correct and Continue' is one of Mind's mottos.

Although not always absolutely definitive, what I write is rather more than mere conjecture. For some of this subject matter, there is no subject matter for me to refer to, as far as I am aware, no giants for me to stand on their shoulders to see what is actually 'over the horizon'. Within the knowledge and facts available, I present a coherent, concordant, reasonable and meaningful interpretation and analysis of all of the information, without any contradiction. As I quote from G. Ramones, later in this work, this is the scientific method.

Can anyone present a more rational explanation of why, when an individual receives an organ donated from another person, they develop characteristics of the donor. What else is to be expected when the DNA within the still living organ is connected to the Soul Mind of the donor, and as I state elsewhere, 'character' is inherent in the Soul mind.

The original 'blind' trial and error information exchange between soul minds and the primal cell bodies they connected with, most likely, through intelligence design, converted a nucleic acid into the DeoxyriboNucleic acid

(DNA) and that became the 'backbone' of Life itself. It is reasonable to consider this to be feasible. It is rational to recognise it as a most likely explanation of how DNA molecules appeared on this planet. According to science, they are not in the 'chemical soup'. Creative intelligent mental design manifested an engineering of physical matter at the most subtle level and improved the original design of the Nucleic Acids (NAs) in the primal soup. The DNA model was far more robust and its structure would not deform despite huge changes in the environment that it occupied. That is to say that if all the water evaporated from the primal cell, the physical structure of the molecule did not alter in any way, and when water returned through the primal cell wall, the DNA molecule 'reanimated' and continued its two way flow of information between mind and cell body.

Evaporation within small pools of 'chemical soup' could lead to destruction of the molecular structure of the nucleic acids in the liquid medium. If amongst the variations of 'engineering' processes of creative design by Intelligent mind, then modification of the nucleic acid could relatively easily have occurred. With ribose (sugar) molecules and nucleic acids in the medium/soup, then a DNA molecule could be expected to be formed.

Because....

After evaporation and subsequent rehydration, this molecule would retain its structure and form, as it was prior to dehydration. DNA taken from 50 million year old fossils still has its original structural integrity and e.g. proteins coded for, can be reproduced from this ancient fossilised structure. The above description of the intelligent design and production of DNA molecules, could have happened either within the chemical soup or within the lipid 'primal cells' with one or two nucleic acids within that spherical form.

Why only four nucleotide bases? (Nucleotides are DNA molecules that 'base pair' with each other to form the C A G T double helix that is the basic structure of the chromosome).

What sufficient reason would there be to create more? Two pyrimidines (C for cytosine and T for thymine) and two purines (G for guanine and A for adenine) were enough to produce a code of sufficient complexity to enable all the variations of lifeform to manifest.

The two way flow of information between cell body and mental body is a continuous process. It does not sleep, it is a direct product of the laws of physics in the dimensional realm acting on the zero point field. The information exchange is invigorating to the mind, that previously only received information from other monadic soul minds in the non-dimensional realm. This intercommunication process also does not stop, until something

causes the mind to become permanently disconnected from body. That is the moment of physical death. Physical death occurs when the flow of Lifeforce that sustains the physical cell bodies, is terminated. Physical death is a disconnection. There is no passing over, the mental construct of conscious mind, processing information in the 'now', ceases to exist, Spirit mind, with all the memories of the incarnation remains where it has always existed, in the zero point realm. Its continued existence is determined by its connection to Soul mind. It will not exist forever. Soul mind's existence is immortal, when it is 'ready' it will connect to a newly fertilised germ cell and a new incarnation and physical organism will start to grow, embryonic development begins until the foetus is formed.

Movement is also eternal in the mental realm, outside spacetime, Mind never sleeps. When we are awake, we experience the total reality projected by the total monadic collective, when our bodies sleep, we primarily experience the information flowing through our individual monadic mind. Sometimes we experience this information processing as dreams. Minds continue to learn about the physical environment and this new information enhances individual intelligence as well as that information being shared with other minds. Life is what we perceive as the result of the two way flow of information and it has manifested and evolved life forms and organisms of such immense diversity. The same process would apply on another planet, it is only necessary to have molecular structures that enable a two way flow of information between the dimensional and non-dimensional realms.

So with the appearance of primal cells, very slowly, by trial and error and intelligent 'guessing in the dark', minds developed more sophisticated structures within these primal cell bodies. As well as entrapped nucleic acids within the lipid membrane that encapsulated them, there would likely be other molecules that would confer some benefit to the continuing survival of the cell body. There could be huge numbers of these primal molecular structures within these reservoirs of chemical life producing pools.

Without the cell body, the mind had no real connection to the physical realm, no one to 'play with', nothing to glean more information and satisfy the yearning for (learning) new information/knowledge of this newly discovered environment.

Mind also had to learn to differentiate between intracellular (within the cell) and extra cellular (outside the cell) information input. That would probably take some time, but who knows?

What we do know, by looking at existing relatively unchanged single cell organisms is that within their cell walls are receptors designed to collect information from the environment external to the cell body. There are possibly receptors either within the cell wall or within the cell body that respond to electromagnetic frequencies that give the mind information with regard to both internal and external environments. The cell body responds to molecular structures outside of itself. Most likely because these structures have associated energy fields with their own individual vibrational frequencies emitting specific waveform frequencies.

It, i.e. the mind, uses these frequencies to learn to identify and differentiate between nutrition, neutral and harmful matter and it responds accordingly. It has learnt to respond to factors such as temperature, pressure, magnetism and other forces that exist in the environment outside its own existence and evolved different receptors accordingly.

It must have learnt relatively early on, in this evolutionary journey, how to assemble individual DNA bases into strands and develop the ability to reproduce. I have my own theories on this matter and they are not really of substance coherent enough to include in this work. They may be feasible, but relatively unacceptable and 'out there', although certainly non alien in their origin.

This work, The Evolution of Mind is pretty out there and unacceptable for a lot of people.

One should never underestimate the inherent intelligence of Mind and its ability to manifest outcomes, intelligent by design.

Long chain strands of DNA allow information to travel along the strand, this takes a relatively long time in 'Cellworld'.. because in 'cellworld' everything is relative and a single strand of DNA is really really long....consequently it will take a relatively long period of time for information to flow along the course of the strand.

Bear in mind the complexity of structures and the reality of what is occurring within the pencil dot sized single cell that is the eukaryotic cell.

Up to this point in this chapter, we are primarily discussing prokaryotic cells and they are much smaller and manifested and evolved at least two billion years before the more complex and much larger eukaryotic cell. To us humans, we can only begin to conceptualise the existence and variation of activities occurring at super speeds within these microbial life forms.

Some of these prokaryotic organisms developed the strand of DNA into a circular ring shaped structure. Other organisms evolving longer chain strands, would develop a coiling of the strand. this would cause sections of the strand to 'short circuit', enabling information to take a short cut and not

necessarily have to travel the length of the strand, thus saving time. Nature loves energy efficiency. Shortening time taken for information to travel, would increase efficiency. There were certainly some environmental benefits to coiling the DNA strand and also other more obvious ones to locate all the DNA in the centre of the cell. Already some form of cytoskeleton would have been in place to maintain cell shape and integrity of structure. It would not be a huge intellectual leap to incorporate all the DNA in the centre of the cell body. Now all parts of the cell could communicate with the central nucleus, ('brain') more efficiently. This must have conferred advantages to these cells and enabled them to become larger, accommodating more DNA and other intracellular structures. A lot of the smaller microbes would become food sources for these larger cells. And the eukaryotic cell was now established on the planet.

Assimilating mitochondria into the cell, benefitted those cell lines immensely as did the assimilation of chloroplasts in plant cells. Here I would mention that the environment on planet earth must have been most challenging. We know of asteroid collisions more recently that have affected evolution most significantly. One such being the devastation that allegedly wiped out the dinosaurs. In 200,000 years of humans remaining unchanged in skeletal structure, there is no evidence of their existence other than bones. No buildings pre dating 30, or 40,000 years is a testament to cataclysms and other apocalyptic and cosmic events that have eradicated virtually all evidence of past human activity despite the fact that those who lived 200,000 years ago would have had the same levels of intelligence as we do today, their skeletons and brains were as of ours. What I am saying is that 2 billion years ago eukaryotic cells may have evolved only to be wiped out by the destructive forces either from this planet such as giant volcanoes or extra planetary events such as giant meteor impacts. There is evidence of fungi existing far older than the 600 million years that is the established date for their existence. Fungi are multi cellular organisms displaying phenomenal intelligence of a kind quite different from other early eukaryotes like the amoeba. The amoeba is an example of the missing link between single cell organisms and multicellular organisms.

Which brings us to the time of multicellular organisms, more or less within the last one billion years or less.. Amoeba, originally only thought to divide asexually have been found to do more than that. They can communicate with each other and in certain conditions congregate and form a multicellular structure akin to an insect forming a pupa (from which a

butterfly can emerge). In that the structure undergoes a metamorphosis type transformation, huge numbers of 'amoeboid spores' are formed within the structure and when it is mature, within a fraction of a second, they are released into the environment to be carried by wind and water to come alive when conditions are favourable. This enables the species to find new environments to colonise, with greater chances of surviving, due to the immense numbers produced and the various distances travelled.

It has been known for a long time that ants farm aphids and fungi.

Apparently ants migrating due to climate change, carry with them their preferred fungal food supply that they can subsequently farm in their new location. There are fungi in ant colonies now no longer found outside of these colonies, such is climate change over the millenia and its effect on nature.

Farming is a sign of intelligence. Some species of amoeba farm bacteria, which are far smaller prokaryotic cell bodies than the relatively colossal amoeba.

Well, in laboratory conditions, when the amoeboid 'fungal' structure ejects its amoeboid spores into the air there is no wind to blow them to the four corners, instead they fall to the ground in two separate concentric circles. One third form the inner ring and two thirds, the outer ring. The ones in the inner ring fall quicker because they are heavier. They are heavier because within the encapsulated structure is not only an amoeba in 'suspended animation' awaiting the environmental trigger to animate when conditions are most favourable, but also, two or three bacteria, also awaiting the environmental signals to animate.

When amoeba and bacteria do animate the amoeba 'sees' the bacteria with its mind's eye and thinks..."food, brilliant", but it knows not to eat it yet, it knows that it has got to farm this potential food product. Personally, I consider this outsmarts me on the intelligence front. A single cell organism with no brain to 'work stuff out' can only do this because the mind that feeds it its life energy/information has access to a 'species memory' that is located somewhere within the realm of Mind. Well, it does seem pretty obvious to me, can you suggest a more reasonable explanation as to how the amoeba knows what to do in this totally new environment without any parental guidance...?

The collection of amoeba cells working together in a single structure is a multicellular structure and not a multicellular organism. However, it is a blueprint for Mind to use to design and engineer a viable multicellular organism. What is necessary for such an organism to evolve is a corresponding increase in complexity of mental form that enables a control



of the different cells that constitute this new design for a more complex life form. Cell differentiation, i.e. different cells within the same organism performing different functions, requires a higher form of management, different cells performing different functions within the same organism require organisation.

From the relatively simple single cell organism with its corresponding relatively simple monadic soul mind controlling it, to the quite complex eukaryotic cell with its corresponding monadic soul mind, a more intergrated level of control would be required. Within this expanding mindfield, there would have been an automatic process to form constructing layer/level, upon layer/level, as circle/sphere, upon circle/sphere, of associated comprehension and understanding corelating to the physical body. Visualise expanding layers of concentric spheres with the monadic soul at the centre, these layers represent the expanding awareness and understanding of the mind and its connection with the physical environment.

Now, in the evolutionary journey through time, multicellular organisms have different cells performing different functions within the same organism, a new type of control needs to be developed to help coordinate and manage these different tasks, e.g. digestion and excretion. It is necessary to maintain and develop the efficiency of the organism and to ensure the survival of that species and the genes that allegedly define the physical structure of that species. This management system with its differentiated memory is the beginning of the concept that we know and relate to as 'Spirit', and a new aspect of mind now manifests, it is Spirit Mind.

The Monadic Soul Mind evolved to control all aspects of the single cell. It designed and evolved programmes to maintain life processes with the single cell. These hyper complex algorithmic programmes enabled cells to grow and live whilst maintaining a constant connection to the mind that gives them the life energy to initiate and sustain their existence. Hyper efficiency is one of mind's signatures.

Now in the evolution of Mind, intelligent design (Mind), has engineered 'Spirit' to manage its latest invention, multicellular organisms. They will evolve more quickly on the evolutionary timeline than single cell organisms because Mind has inherently become more intelligent and has so much more experience to call upon, because memory has become a well established aspect of mind. This enables it to call on past experience that define the decision making processes and established programmes that control the variety of biochemical pathways and behaviours favouring survival of the organism and species.

The process of genetic variation and differentiation ultimately leads to Mind engineering more and more new species, as many as environment and mental ingenuity allow.

Environment, genetics and mind. The three factors that determine an individual's potential, at school when debating nature versus nurture, a third factor was never considered. It now becomes apparent why two children from the same parents can have such different characters and why identical twins, separated at birth can have a mental connection.

By definition different species cannot interbreed. Therefore, there is no evolution of species. No slow gradual change in structure and form has caused speciation. As when our pre-human ancestor reached a point when Mind quite simply cut and spliced two chromosomes to form one and manifested the original hominids with 46 chromosomes. Thus creating a new species, causing our ancestors to branch off and separate from, the subsequent evolution and development of other primates. Hence we have a common ancestor with chimpanzees and other primates. It is quite simple and straightforward to understand if one has had but a simple formal education.. No aliens, no act of God or daemon, only the act of intelligent SoulMind continuing its journey towards its teleological conclusion, mental processes governing physical ones, entelechy in action.

Genes code for proteins and structural form. It is not black and white by any imagination. Many organisms that are relatively identical in genotype (the DNA complement of the organism) are totally different in phenotype (appearance). Conventional science is increasingly confused by the more recent discoveries that new technology detects and demonstrates.. Even the complex variation in structure and form of the same protein baffles scientists because their minds are relatively closed, if they stray away from conventional science they are defunded. Not the best way for *progress* to *progress*.

SpiritMind is the form of cohesive management that coordinates the various aspects and organs of the developing multicellular organisms.

I choose the term 'Spirit' because it is appropriate and well used to describe something beyond description. It needs to be defined and in my work entitled 'Mind Defined', three levels of Spirit Mind are explained and their location in the Spirit Realm is defined, another term for spirit realm is the Zero Point Realm. All aspects of Spirit are within this realm of existence. It is not the dimensional, physical realm of matter although there is a direct correspondence between physical body and spirit body. Spirit body relates to the individual organism and is where memory of the individual organism is located.

Death of the physical body is not death of the Spirit, and its memories, which are specific to the incarnation of that individual, are part of its Spirit mind. Death is a physical material reality. Life is a process of communication between two realms. Physical existence is not the same as mental existence. Spirit mind is associated with individual incarnations, the Monad/Soul is an immortal concept that generates new Spiritbodies with each incarnation.

More recent evidence is mounting to support this statement. Mind does not depend on body for its existence, in fact, it is quite the opposite, body depends on mind as so much information on Near Death Experiences demonstrates. There are many Ted talks by eminent, accredited and qualified professionals sometimes “reluctantly” having to accept what they personally are told by survivors of NDEs. There are now more than one million individual testimonies. To consider that the information inherent in these testimonies that repeat the same experiences regardless of ‘race creed and colour’, is of little scientific value is pathetic and dysfunctional. Out of body experiences are as real you and me.

Spirit mind arises from the Soul mind's connection to the body, it manifests during embryological development and starts to take form and develop as the foetus develops. It does not disintegrate (a physical term) but will exist until soul mind has no further use of the information contains in its memory. The Oxford dictionary citing the first use of the word as recorded in text has 'spirit' originating in the 10th century coming from the Latin word “spīrāre”, to breathe. Soul predates spirit and is first cited as originating in the 7th century. Monad predates the word ‘soul’, it comes from the Ancient Greek language. Leibnitz chose the word ‘monad’, he was pretty tuned in, he had to be for his mind to see beyond the single cell into its causative mathematical substance. Multicellular organisms required intercellular and intracellular communication to be coordinated by the same mind.

Once programmes and management control mechanisms were in place then the only way to go was larger. Increase in physical body size would to some extent or another had corresponding increases in mental content in order to coordinate the increase in size with an expansion of mind.

The appearance and evolution of the neuron was a most important aspect in the increase in size of bodies. Communication within the body needed to be as rapid as possible to ensure swift movement and response to stimuli, enabling the organism to survive by either flight or fight mechanisms. Also, speed of action enabled food to be gathered more efficiently. Without really going into the huge variation of methods that evolved separately to enable

the myriad of organisms to survive the ever changing environments they confronted, it is blatantly obvious that intelligence manifested an enormous spectrum of life forms with differing modus operandi. The core thread connecting them all was eukaryotic cell structure. Once virtually perfected, hundreds of millions of years earlier, with its abundance of energy producing mitochondria within the cell body, cell differentiation, variations of this basic model, produced life on Earth in virtually every corner, every niche and crevice at almost every temperature out there. Life evolved and spread throughout the planet. Intelligent by design, and the mind's eye, able to see what was going on became challenged by the physical eye that was so much more adapted to the physical environment. A balance ensued, a) physical brain decision making processes now so sophisticatedly programmed into behavioural responses to environmental stimuli, and b) mental decisions, primarily of Spirit mind origin.

**Cooperation trumps competition almost every time.**

'Rogue' individuals, such as were found in studies on ants, were put in their place by other members of the community. (Kropotkin, Mutual Aid: A Factor in Evolution, 1902. A must read for anyone interested in life, his descriptive ability paints detailed pictures in one's mind) Rogue individuals, they will always appear because the genetics of variation determines this. One day, maybe, unconventional behaviours will enable the species to survive. This balance, physical brain and mental mind corresponds to the balance between physical personality and mental character. It manifested, naturally balanced until the arrival of the prefrontal cortex and the subsequent confusion can ensue when rational thought processes are challenged and cognitive dissonance arises.

Misunderstanding will arise when more limited vocabulary is the main source of communication. It can lead to confusion, conflict and worse. All sorts of psychophysical dysfunctions of which we are witness to today, arise accordingly in overwhelming and distressingly high levels. Limited and dysfunction educational curriculums are responsible for a lot of these problems and this is not the platform to expound upon these truths.

The appearance of sophisticated neurons not only enabled parts of the body to communicate with each other quickly, by the nature of their structure they also fed more information to the mind than other eukaryotic cells. The many dendrites, the nerve endings they have, could collect information from more than one location, more than one cell. Before the neuron, mind would receive information via the DNA in the cell nucleus.

Coordinating inter cellular activity in multicellular organisms originally occurred via the mind. Primal neurons were designed and engineered to facilitate communication between different groups of differentiated cells. The design of the neuron increased its ability to relay information between cells. Although all this information is processed and decisions made outside space time, there had to be some advantage to collecting information from several cells at once. By developing a system of 'relative importance' some information took priority over other. This same process was the basis for subsequently manifesting and evolving the limbic emotional system of the mammalian midbrain.

This mathematical process, i.e. recognising the relative importance of various data being relayed and being able to decide which data took preference over other data, evolved accordingly. Once understood, algorithms were set up to determine automatic decisions based on weight of evidence, i.e. what was the most important signal to respond to first. This process has to be seen by your mind to be so phenomenally complex. A single neuron has thousands of 'wires' (dendrites) that bring information into the cell body of the neuron from huge numbers of other neurons and all of this information is sorted into levels of priority. And it all happens with 'decisions' automatically occurring through established processes within nanoseconds or less, and to make it even more mind blowing, it is a continuously updated process as new information arrives every nanosecond. Coordinating hand eye movement is a complex example of what I have attempted to describe.

It means that the most important and relevant information is then relayed to the mind. As to whether this information is important enough for spirit mind to know of, is determined by the soul processor itself. It is not really a decision but more of a predetermined response/outcome to the incoming information. The most 'important' information manifests as awareness in our conscious mind.

What I have just written in one minute was a process that had to originally evolve over decades and become fine tuned over at least thousands of years and countless generations of evolving species and Mind interaction.

This order of importance had to be learnt, the development of more sophisticated neurons was another welcome challenge for the intelligent mind. Look what it produced. Neurons in the brain can themselves too small to be seen by the naked eye, have up to 6,000 dendrites (wires) emanating from the central cell body, collecting information and relaying it electrically (Fourier transforms) to the central cell body where all the DNA is stored. As I recall from my student days, the cell body of the neuron is an

anatomical definition of part of the cell body that is the neuron, language can be so confusing...

The most important information (as learnt and determined mathematically), enters the DNA and is vortexed to the mind, where it is processed outside spacetime. The processing and resulting 'decision' is then sent back to the DNA in the cell body in an instant, and then that information passes down the axon (the anatomical term for the part of the nerve cell that sends information to the cells around it in the brain, or to an end receptor that sends the information to, for example, a muscle cell).

As the electrical signal reaches the synapse the information is converted into neurotransmitters and the information passes along to the next neuron. Neurons evolved to carry this information at super fast speeds. Faster coordination between different parts of the body conferred advantages including muscle movement, and other evolving mechanisms for survival developed and speciation was on a roll. Competition and cooperation between members of species furthered evolutionary developments all monitored and controlled non dimensionally by the mind and Mind, both the individual mind and collections of minds sharing information and doing their own thing with it as well as 'passing it on'.

Using established programmes that did no longer require mental involvement, enabled these preprogrammed behavioural responses that neurons facilitated, to manifest groups and subsequently, bundles of nerve cells, working together in concert. The simple primitive brain of the earliest beneficiaries of this organ that had 'arrived on the scene' and the advantage it conferred to those actors in the Theatre of Life, made it the most fashionable item in the evolutionary wardrobe of opportunities. Brains empowered organisms, a concentration of neurons close to the eye and mouth, favoured this location for brains to become established. Behaviour loops that no longer required mental permission arose because they were efficiently beneficial to the survival of the species. Ultimately the mind oversees everything, however, once it has built an organ such as the kidney of a frog, the organ more or less runs itself unless there is damage or some other signal that the mind receives to attract its attention.

When the mind realises how to improve an organ it will maybe only be able to present the more advanced model in a more advanced organism, a new species with several modified and improved features favouring its survival. I consider that the most important organ that mind designed and engineered is the eye. In humans, up to two thirds of the information entering the brain comes from the eyes, two out of three billion messages per second, making

blood cell production of only 2-3 million cells per second seem like 'snail's pace', (no disrespect to snails intended).

It's all very well having a mind's eye when you are a single cell organism but increasing cell numbers and the corresponding size of an individual, confers certain advantages as well as disadvantages.

There are many different forms of eyes that have evolved virtually separately in very different species. The mammalian eye, which we have, is an awesome piece of design and engineering refined over millions of years.

The human eye sends a billion messages to the brain every second. Millions of receptors constantly firing information along the neurons updating the brain/mind nanosecond by nanosecond. Conventional science says that this information is processed in the brain, in the DNA, but cannot give any explanation as to how. Herein, lies a most reasonable explanation, what sufficient reason is there to reject it outright, what sufficient reason is there to not consider that it is not only rational but has a mathematical foundation too. There are far more than one million receptors in the eye. Each one with a differentiated and specialised ending of a neuron designed to collect specific wavelengths of light. To consider that this all happened by pure chance without intelligent design is not clever, to believe it to be pure chance without proof, is delusional at best. But that is belief, accepted to be true with no evidence, let alone proof. And proof is mathematical not physical. I digress.

The eye.. A self sustaining phenomenally complex little thing, with a small black dot at the front, the pupil, that allows so much information to enter through it that we can see so much, so far, so extensive and so accurately. We learn to control it soon after birth, and take it for granted for the rest of our life or until something goes wrong with it. Yet another example of how life is occurring at such a sub-microscopic level at speeds beyond our realisation, until more recently. Developing technology gave us insights that were unknown to but a few who had psychic abilities and/or connections to past civilisations and the knowledge they had managed to preserve from such ancient times.

Large numbers of cells can act together as a unit, they form of a network of differentiated cells, performing specific tasks and as evolution progressed and new species were designed, pre-established anatomy had to be either improved, discarded, left as it is, or circumnavigated accordingly.

A simple example of this is the intention of humans to point one finger or coordinate the use of finger or thumb. The first set of neurons are more

primitive in their origin, so, anatomically the path they follow carrying the 'directive', is the most direct, as one would expect in an energy efficient body. These neurons are connected to the more primitive control of our skeletal movements. The action they direct and order is for all fingers to extend, as in the opening of claws, back in the day before fingers 'were invented'. The more recent neurons that evolved to control dexterity have to follow a longer path because these are more recent pathways. Their message to the muscles of the hand cancel the original message to three fingers and allow movement to occur in the forefinger and thumb. Two conflicting messages are sent and it all happens so fast that we do not consciously realise what is occurring at the cellular level. That is to say, not before sophisticated technology revealed these truths.

Now consider how this all affects what is happening in the mental realm that corresponds to these physical neuronal conflicts of intention and control. In the realm of Spirit Mind one aspect of the brain/mind interface is saying one thing, another aspect is saying something else. Spirit Mind represents what we have been told is the 'subconscious mind'.

For the developing mind of the infant trying to learn to master this conflict of interest and control its fingers, once it realises it has fingers, is a challenge to say the least. Once learnt, it is consciously forgotten and taken for granted. The mind does not have to focus on the task unless the most intricate of movements are required.... like assembling a watch or completing a jigsaw puzzle.

A couple of light hearted sentences there that actually hide a mass of slowly learnt and established behaviours, built on millions of years of evolution....and we take it so much for granted and don't give it barely a moment's thought or consideration. That is life for humans...most everything taken for granted with little or no recollection or understanding of everything that preceded it. Whether it is the right to vote, to learn how to sew or drive a car, growing food, controlling our bowel movements, responding to thirst, detecting danger etc and now we are entering another realm of consideration .. how did memory evolve?

Remembering and recognising predators and nutrition (and more) is essential to survival. Some things are more important to remember than other things. However, the mechanism itself must have been present before multicellular organisms appeared on this planet. It is beyond my ability to know how memory originated, maybe it is inherent in Soul Mind... someone out there must have an inkling of an idea...???

---



We have grown from individual single cells with a relatively simple, but at the same time immensely intelligent level of control. Mind manifested the concept of awareness, collecting information from within the cell and information from outside the cell, learning to differentiate between the two and make decisions that enable the organism to survive and reproduce and perpetuate its existence in the physical world.

From there, Mind increased its complexity and expanded its understanding of the life processes and evolved more efficient and larger cells with a corresponding 'larger' mind. Then, in order to coordinate groups of cells acting together all controlled by the same SoulMind, SpiritMind arose to manage and order this increasing complexity of structure and form.

Physical bodies increased in size, and the complexity of Spirit Mind and memory, specific to the individual organism, developed accordingly. The evolution of the neuron has to be regarded as another phenomenal achievement of mind, intelligent design specifically tailored for purpose. It laid down the foundation for Consciousness to manifest.

## Chapter 5

### The Evolution of Consciousness

A linear progression from simple awareness, through evolving levels of more complex awareness, results in self-awareness manifesting, whereby there are a few species that can recognise themselves in a mirror. With self-awareness coupled to a more highly developed form of communication, specifically vocabulary, consciousness arises. Eventually a state of hyper-consciousness can be achieved with meditational practices, and the Journey of the Soul is almost completed. Finally, achieving a state of Total Consciousness, the fully Enlightened Mind now exists and reincarnation ceases.

It seems that in the English language there is no single definition of consciousness that people collectively relate to and understand. It is a term used by many but with a significant amount of personal definition to the term, causing potential misunderstanding to arise before any discussion is started.

Consciousness is a purely mental state and should be best understood as a highly evolved form of awareness.

Awareness is the perception of information coming from an external source that alerts the mind to the existence of something not of itself. The most primal single cells needed to be aware of their external environment in order to survive within it. Information from the environment enters the mind and is processed, 'decisions' are made and responses are sent back to the cell body. The less aware a living cell is, the more vulnerable it becomes to the external environment.

At its simplest, awareness was the (unconscious) mind, receiving information from the physical environment (molecular structures) on this planet around 3.5 to 4 billion years ago, and that incoming information elicits a response.

Information in, thesis, reacting with other (mental) information, antithesis, producing different (new) information, synthesis. The Dialectic is not only a most primal and simple concept, it is also the most complex of information exchanges, as in two governments trying to negotiate a peace agreement. This most simple understanding of awareness incorporates the dialectic.

Information coming from a source external to Mind, alerts its attention.

Information enters, stimulus, attention is alerted, response, and the decision making processing is activated. This is the dialectic, and the more evolved the mind, the more complex the decision making becomes.

Most thoughts occurring within the mind are unconscious. A thought is a complex packet of information and it is, like everything, not stationary. If we accept the existence of mind, and I don't think you would be this far on in this work if you did not, then what sufficient reason is there to not consider that the complex waveform flowing points of information travelling through Mind, are not thoughts? Thoughts have to be 'packets' of information and in the more aware minds connected to more evolved bodies with complex neuronal structures, they will interact and produce even more complex 'bundles' of information that we call ideas. This is the beauty of mental activity. This is the wonder of the human mind being able to define and share ideas with other people, explain them using an evolving vocabulary and document them in order to preserve them for future reference. Written in stone or baked in clay, they can survive the ravages of time and enable humans to consider that we are head and shoulders above all other species, despite the eukaryotic cells that make up our physical body being virtually identical to all other mammals.

Bear in mind the human variation of structure and form within our own physical bodies, when you can understand the variation between individual

humans, 'racial' barriers should dissolve. White Caucasians and black Africans have more differences within their genotype/groups than they have between the two groups (phenotype). A decent education system would have informed humanity of this Truth. I digress.

Awareness, and how it evolved, is easily seen just by looking at the nature around us. Many aspects are also hidden from us because we are ignorant to the most subtle micro aspects of life. Trees 'talk' to each other, i.e. they communicate with each other, 'The Secret Life of Trees' by Peter Wohlleben 2016, a fantastic read, has been mirrored and developed by other pioneering botanists. Radiocarbon materials show that trees not only send nutrients to other trees, sometimes different species, but they actually favour relatives. Understanding the mental connection that the SpiritMind of each organism has with other (Spirit) minds makes this process easy to comprehend. This does not mean they are conscious by our definition but they do have intelligence, understanding and communication system different to ours, also intelligent by design.

Trees, plants and fungi communicate in ways we are just beginning to realise and attempt to understand. Remember Tesla's quote at the beginning of this book. It is a great pity that this type of information is not broadcasted and advertised by mainstream media. We would all be smarter, more understanding, less physically ill and more responsible for our actions. We would all re-use our bags and respect our environment. And...er.... I digress

As awareness and the mental responses it generates and the physical complexity that ensued/evolved, the ability of Mind to understand and generate new ideas progressed. Again, through watching nature programmes on TV, we see how separate species can work together to benefit each other's individual survival. Fish and octopuses, and other examples within the marine world do this. This is called symbiosis, ants farm fungi and aphids, and mammals housing huge numbers of different species of bacteria in their gut intestinal tract. The origin of the eukaryotic cell had to be some form of symbiosis of two [probably] prokaryotic cells literally working together and joining forces.

Mitochondria +1 = the primal eukaryotic cell.

The mental process of Understanding, evolves, expands and generates new 'ideas', they are unconscious to the individual organism as far as we are aware. They are mostly unconscious to us humans on a daily basis. We apply our minds to tasks and problem solving, the more we have done this in our earliest childhood the more adept we are at the process. If you don't give the colourful plastic toys of many shapes to fit together or place

inside each other and whatever else, to stimulate the toddler's mind, its various mental faculties develop much slower, if ever. It is very much an environmental thing. However, there is a strong mental component and if the environment is not conducive to learning then the mental development of the child can be seriously held back or worse. *A loving, caring environment facilitates learning, a traumatic and dysfunctional environment arrests it.* A simple sentence of immense Truth, so obvious to the intellect, so ignored by intellectual and governmental bodies.

Education should be designed to facilitate mental development and expand consciousness. Curriculum determines to a significant level, the degree of mental dexterity of the individual child and its journey into adulthood.

Something has gone very wrong from when I was a child. Kids today are encouraged to be ignorant, discouraged from reading, discouraged from thinking outside of the box, and over the past few decades I have seen the box getting smaller and smaller. I keep digressing. Sorry.

As brains developed and evolved, so did their corresponding minds. The 'reptilian' brain is designed to make, by our standards, relatively simple decisions, with neuronal pathways to enforce the animal into action, or non action. Flight or fight. Remain still and hope to be not seen. Brains and minds evolved, new species appeared, intelligence develops and more complex behaviours manifest. ....Knowing if you are upwind or downwind, being able to not only recognise your own species, but also know the difference between young, mature and old...

Actually, just how old that mechanism is, I have yet to establish. It must be fairly primal otherwise single cells organisms would attack their own species, even in times of abundance of nutrient. When male and female of the same species first manifested, recognising a mate must have been at the top of the understanding learning curve, although some form of automatic and intuitive knowing must also come into play. Sexual variation manifested for one main reason. Genetic diversity.

The unconscious MonadicSoulMind learnt fairly early on in the manifestation of life, that genetic variation within the species would give it a survival edge over other species. Minds share information, species followed suite, as above, so below. Genetic diversity within single cell species would eventually give rise to speciation, i.e. a significant change in the offspring. To be honest, without checking it out, I do not know how single cell organisms are classified as separate species. For multicellular organisms the definition of a species means that they cannot reproduce. Single cell organisms divide asexually. One becomes two. So, the definition of species of single cell organisms must be different.

For multicellular organisms, the physical bodies were 'male' or 'female', there was no possibility of alternatives. Evolution developed some programmes for biochemical reactions and behaviours that became very different for each sex. There is only male and female. **However, the mind that controls the body is neither male nor female.** Hence the terrible reality that so many young misinformed naive individuals now confront in the world they are growing up into. No wonder so many of the dear and sensitive things that they are, self-harm or even worse, commit suicide. There should be a law to protect them from themselves, or at least more educational support.

Understand Mind and you will be able to understand 'self'. Mind, from its earliest interaction with matter and its creation of individual cell bodies developed its own 'mind's eye'. Later it developed a physical eye, it constructed models of reality according to the information it received from the environment. Mind created the concept of colour. It is just an understanding and order of different wavelengths of light that different neuronal receptors, designed to respond to different frequencies, and are triggered accordingly. They then send a signal to the brain and mind accordingly. There are no colours in the 'real' physical world, only different wavelengths of light, they were there before eyes appeared on this planet, as was all mathematical information. Humans did not invent math and they did not invent light, it is such folly to believe that bullshit and limit one's understanding of Truth and 'Reality'.

Mind created genetic diversity. Two sexes increased the computational variation immensely. Meiosis trumps mitosis on this front. The philosophical considerations arising from this are immense and not for this work. When I was told, as a young man, that we choose our parents, some feeling within my mind considered it to be true, despite me being an ardent conventional scientific materialist, at that time. It is only the path I took in life that brought me into contact with so many people that made me challenge these conditioned and indoctrinated beliefs, (i.e. empirical materialism). I had to question them and challenge a lot of the narrative I had learnt. I was taught freedom of speech, freedom of thought, and freedom of actions that cause no physical or mental harm to others. I was also educated to analyse and verify.

I had already rejected the Jewish doctrine because I could not understand how God had only selected a minority of the world's population to be 'his' people. It did not seem fair to my tiny adolescent mind, he also did some bad shit according to the Old Testament. It took me decades to realise that he got Abraham to traumatise his son for life by binding him to a funeral

pyre, and telling the boy that he was to be sacrificed. If that was not bad enough, he lifted the knife and then got a message from God that it was only a test. What did the boy think, looking up at his dad, knife in raised hand? There are subtle variations to the translation, but that is basically how I was taught it as a kid in Hebrew classes.

I would have hated my father ever after and could not wait to grow up and run away. It is the responsibility of adults to inform children as accurately as possible, to enable them to develop into responsible, caring, loving, individuals. That is the way that consciousness can evolve most easily. Get it wrong and mental dysfunction develops and eventually psychopaths abound.

The evolution of Mind produces an evolution of consciousness in more 'evolved' species.

The reptile brain was good for life determining decision making processes but they were limited to the physical form. As a consequence of an immense cataclysm 65 million years ago, so we are told, small mammals got the opportunity to take over an environment that previously was overcrowded and dangerous. Small was safe. The mammalian brain conferred a higher level of intelligence and decision making processing. Instead of decisions being simple yes or no, black and white, a degree of 'colour' was added, and the multi-variable, emotional, decision 'facilitating' process, evolved accordingly.

The mental evolution of 'if then' statements enabled a graded decision making process to develop. From reptilian 'friend or foe' came the questioning mind's new addition that overlies this more simple brain. The mammalian brain conferred such considerations as 'how friendly?', 'how dangerous?', 'how important is it for me to expend energy that I may not need to?' and so on. A graded and varied degree of choice making, had entered the theatre of thinking and information processing; consideration manifested. The mammalian brain introduced the Limbic System as an anatomical feature that enabled, what we humans call, emotions, to manifest. These 'feelings', and degree of 'sensation' associated with them, enabled the mind to increase its computational potential immensely. 'Good' feelings increased the likelihood of certain actions and 'bad' feelings, the likelihood of others. What was good, and what was bad, had to be learnt. Once learnt, they were incorporated and programmed into the mind's behavioural strategies, accordingly. Degrees of choice, how tasty? how thirsty? how hungry? decision making involving computations far exceeding that possible for the mind of a reptilian brain. The physical structure limits the mental computational potential. Mammals outsmarted reptiles and

colonised the planet. Their size and their numbers increased and contrary to Darwinian prediction (and its projection to the forefront of scientific materialism), genes and species survived and their numbers multiplied, mainly due to cooperation, not because of competition. A very informative book called 'Mutual Aid, A Factor in Evolution' by P. Kropotkin 1902, a renowned eminent Russian intellectual (not favoured by scientific materialists), is most informative on this matter. The studies carried out by many of his contemporaries and scientists before him, reinforced his perspective.

The mammalian brain increased awareness and gave rise to several species developing self awareness, generally defined as the ability to recognise one's self in a mirror. Self awareness is surely a refinement and development of the evolution of awareness itself. Only a relatively few species demonstrate this ability. Elephants, dolphins and Orca whales, also some primates, bonobo apes, chimps, orangutans, gorillas, macaques, the Polish crow and humans. I would not be surprised if parrots can, but they chose to not show this ability. Conventional science regards enhanced awareness as a measure of intelligence. I would regard it as sounding the arrival of Consciousness. Consciousness correlates with a more evolved, i.e. more recent brain development, it predominates in the 'higher primates'. However, it also suggests levels of mental communication within the realm of Mind because I had read that the European magpie is included in the list. Do you think that dogs will evolve this ability?

I consider self awareness to be the threshold that is the beginning of consciousness manifesting into the realm of Mind. The brain of humans sets us aside from all other animals in self awareness and consciousness defining behaviours. Consciousness requires an understanding of relatively complex verbal and written language. Body language, airborne olfactory messages, i.e. molecules conveying information between members of the same species are not the same as the written word. Humans enable information to be transferred dimensionally over the millennia. A brain enables a variety of sensory information that it receives, to be analysed and processed by the mind. This is where the human brain comes into itself and a dose of Sapolsky really facilitates the understanding and hyper complexity of the matter. There is no consideration of mental explanation of behaviours in Robert's lectures. How could there be? it is not on the scientific materialist's agenda. Challenge that and you will lose status, respect, and even your livelihood and ability to support your family. It has become a slow uphill struggle to overcome the ignorance indoctrinated into far too many great intellects. That is the mark of scientific

materialism that has virtually eradicated Mind from the equation of life. Plato and Aristotle knew of it, Pythagoras knew of it, Leibnitz knew of it, the importance of Mind is paramount. Euler exuded it, Fourier and Rheimann demonstrate it in the early 19th century. William Crookes, who invented the cathode ray tube attempting to project images of Spirit on a screen knew it. He went on to become head of the Royal Society at the end of the 19<sup>th</sup> century, one of Britain's greatest acknowledged geniuses. He also conducted repeatable experiments proving the continuity of life after death in 1873, something confirmed by a French Nobel scientist the following year. Then a law was passed in England, making it illegal to talk of these experiments. That law was repealed in 1982.

In the writings of the Pythagorean Illuminati, (not to be confused with the 'bloodline Illuminati') Euler's greatest formula is a mathematical proof of

reincarnation.  $e^{i\pi} + 1 = 0$  The formula defines the unit circle. It defines how waveform frequencies emanate from the Monadic Soul 'Body'. Immediately after the big bang, all emanating frequencies left the domain of the monadic soul body and interacted with all of the other waveform frequencies emanating from the Monadic Soul Collective. It is only when the waveform frequency emanates, following the form of a semicircle, and is contained within the individuated domain of the monadic soul that it returns to source and marks the form of a circle. The unit circle, as defined by Euler's formula, when contained within the monadic soul domain, will be the size of the emanating waveform. When all waveform frequencies are contained within the domain of the monadic soul, the cycle of reincarnation is ended and the Soul Mind is fully enlightened. All knowledge/information is contained within the individual monad. When all monadic souls are fully enlightened, the Mind of God is manifest. It is not rocket science, it is just a logical, rational, understanding and interpretation of all the data available to us.

I recommend an interesting book to read by Mike Hockney, called The God Equation. Actually, a bit of a must read if you really want to understand this subject matter in more depth. Some of the math is beyond me, however, most of the content is admirably, fascinatingly, straightforward and easy to comprehend. Understanding follows comprehension in the evolution of Mind, when I was playing with the 'unit circle' on graph paper, it quickly manifested a bunch of Yin and Yang symbols..

Keeping the mind open is imperative to further understanding. Close the mind and the doors of perception, close, and darkness encroaches.

---



If you do manage to reach the end of this book, you will realise that an 'open mind' is determined by and corresponds to, a matter of degrees on the mathematical plane. A waveform emanating from a monadic soul when viewed 'head on' as though it was travelling towards one's eye, will appear as a straight line. It is a vector, emanating from the centre of the monadic soul. There are as many of these as there are wave form frequencies emanating from the monadic soul. Here is an analogy: Each vector can be considered to represent a line of thought, the longer the line, the greater the comprehension and understanding of that 'matter'. When the maximum 'length' is achieved, the mind is all knowing of that matter, i.e. it has all the information possible. It might have something to do with the carrying capacity of the flowing point, which itself determines the form that the wave follows. As explained elsewhere, the flowing point is the dialectic synthesis of conventional science's wave/particle duality.

Our minds can be open to some information, but not other. One should aspire to attain and maintain an open mind, we are all held back by our own self programming. Listen to yourself speak, "I've got an open mind but"..... saying "but" actually denies what has just preceded it, simple psychology.

We have all been exposed to biased indoctrination from various sources during our developmental experiences. Be wary of peoples and governments attempting to do what they considered to be the best for individual or country, governments design restrictive educational policies accordingly. The historical role of institutionalised religions has been responsible for too much holding back of scientific innovation and restricting the opening the mind and 'freeing the Soul'. Instead, mental enslavement and the injection and indoctrination of Belief into the minds of Man (and Women) has been the order of the day. Time to break free. Belief is a word so misused. Young children have to believe, they need to accumulate sufficient information to learn to develop the decision making process efficiently. Give them false information and their ability to understand truth and reality is challenged.

Belief enslaves the evolution of consciousness because it perverts the natural course of understanding. Belief, to accept something to be true without any verification is not clever. Vocabulary is essential to the evolution of human consciousness. Without being able to define and explain new concepts, consciousness is entrapped and stalled in its evolutionary journey. Although an individual may consider that their own consciousness is evolving, without being able to describe and

communicate the experience, little can be learnt by a fellow human.  
**Ultimately, everything is some form of mental construct.**

. Words have meaning and the meaning has to be understood. Life goes on and we are not yet at the pinnacle or zenith of the journey of Life, the journey of the Soul continues, *and we are all at different stages of this journey.*

Let us first realise the significance of Mind in the world stage and grasp a clearer understanding of what being human really entails.

As consciousness expands (evolves), mind expands and develops along with intellect and understanding. Intellect and consciousness expansion do require an expanding vocabulary.

To understand consciousness it is helpful, if not necessary, to appreciate the activity of the prefrontal cortex of the brain. It is the prefrontal cortex activity that influences so much of the decision making we 'consciously' make in our Conscious Mind. The conscious choices we consider and the decisions we choose to make, all run through this part of of the brain/mind interface. Consciousness is a type of hyper awareness. The mind being aware of itself and what its attention is focused on, consciousness, as a concept, is something far more complex than self awareness.

What is meant by 'mindfulness'? Can the mind become full? To me, it is a distractive term that, when used, suggests that the user knows exactly what that word means. One has to accept its meaning without knowing what it is, like imagining that the Emperor really is wearing clothes. It is the same with 'emptying your mind'...Without Mind being defined, these terms only have a subjective meaning, like having a private language that most other people do not know. If your mind stores and processes information, then why would you want to empty it?

These terms are fake concepts, how can you empty your mind if your memory and intelligence are integral parts of it? How can you be mindful and still have room to learn more? It is religious-speak, all part of the language of confusion, control and self delusion, that people are subject to today. First you are dumbed down and then you are bigged up. Your opinion counts even though it is ill informed at best and no one with any authority will pay a blind bit of attention to it, or you. Oops. Digressing again.

Just as an idea is a collection of thoughts, a collection of ideas becomes a concept. Some concepts are easier to grasp than others. The more abstract a concept the more difficult it is to understand. The word 'abstract' is itself a concept not so easy to understand. The more complex the concept, the greater the vocabulary is necessary to comprehend it. Also, a greater mental dexterity is required in order to explain it. As 'learning' increases, understanding increases, consciousness expands, and so it goes on and continues to expand until whatever forces arise that slow down or halt the learning process.

The prefrontal cortex is an extension of the limbic system. The limbic system of the mammalian brain greatly increased the number of computations that the mind could make to enhance and fine tune the decision making process.

The prefrontal cortex exponentially increases the number of permutations that the limbic system enables. That is why humans have developed technologies way beyond the computational skills of any other organism. However, the ingenuity of Mind has itself produced such a formidable variation of structures and forms within the whole spectrum of living organisms.

Here is a theoretical/metaphorical example of increasing the computational decision making process of the brain/mind complex.

There are 360 degrees in a circle. If you visualise the potential intelligence of the reptilian brain as a circle, a flat plane with 360 vectors, separate degrees of (unconscious) decision making potential 'choices'. Then rotate that circle a full 360 degrees around the north/south diameter, to return to its original position. You should now be visualising a sphere with 360 individual positions of rotation of the original circular flat plane. Thus, manifesting a sphere of 360 x 360 separate 'degrees of choice'.

360 x 360 produces 129,600 potential decisions of the basic reptilian brain/unconscious mind, (metaphorically speaking).

Then add a limbic system which divides each degree into 60 minutes then the potential (unconscious) decision making choices becomes  $(360 \times 60) \times (360 \times 60)$  producing 466,560,000 potential decisions that the basic mammalian brain/unconscious mind can make.

Then add a prefrontal cortex. That enables what consciousness confers, to divide the minutes into seconds. Then there are now  $(360 \times 60 \times 60) \times (360 \times 60 \times 60)$  potential decisions, i.e. 1,679,616,000,000

Most of the 466,560,000 are subconscious, the potential decisions that the Conscious Mind can make is 1,679,616,000,000 - 466,560,000 = 1,679,056,000,000. The conscious minds of humans can recruit Spirit Minds subconscious mathematical skills through intention. Intention is a mental phenomenon, when we try to work out something complex we often lose the connection and we continue to do other things. The subconscious mind is busy trying to solve the issue. When it achieves this goal, it sends the message through the point of attention, to the conscious mind and, hey presto, we realise that we have the answer to the problem.

That's the sort of potential a prefrontal cortex can enable the human mind to achieve. It enables most scenarios to be mentally experienced before deciding whether or not to bring it into the physical realm. Where can consciousness take us if we are allowed to develop our full potential? How about Total Enlightenment? The purpose and end point of the Journey of the Soul.

Teleology, purpose, and Entelechy, intelligence, together mark the journey of the soul.

The hyper complexity of it all, is why it is so difficult to learn to understand and master the human condition. It also explains why it is so easy to confound and confuse it.

This next section is for Philosophical Consideration. Describing possible realities associated with the manifestation of the Enlightened mind.

And what is consciousness expanding into? Surely it can only expand into the realm of unconsciousness. Such that, theoretically, when the mind has become fully conscious, unconscious mind can no longer exist and the journey of the Soul is complete. The state of full consciousness is the state of full symmetry, all information/waveform frequencies emanating from the individual monad/Soul is contained within its own existence. The full range of waveform flowing points that emanate from the individuated Soul are all returning to and contained within it. They no longer are part of the rest of the Monadic collective sharing information (in order to regain their own separate state of full symmetry).

The MonadicSoul is at one with itself (a bodhisattva?) and has attained its perfect form. Perfection is only experienced mentally. This is indeed a very

deep conceptual manifestation of mathematical Absolute Truth. Deeper than the concept of Spirit and yet, we can grasp its meaning and vaguely comprehend it with our own mind. For some people this is easier than others.

The MonadicSoulMind has become enlightened. The Light is retained within the Soulbody. The first cause existent has attained the state of self absorption of all its self emanations. When all Soul Minds have attained this state, that is when the Mind of God manifests its existence (comes into being) and all physical matter has ceased to exist.

Matter is condensed energy fused by the forces of the Big Bang. The only force that can undo this fusion is within the event horizon of a black hole. Put a 'solid' particle into a black hole and it separates out into its original constituents, it has returned home to the mental realm of existence.

After the first individuated SoulMind achieves enlightenment, the numbers increase very slowly. Their numbers continue to increase as Enlightened SoulMinds affect those 'around them'. Eventually a 'tipping point' will be reached and then the increase becomes exponential.

It is written that there are daemonic entities that have taken their own course of evolution in the spirit aetheric realm and that puts them in a state that denies them the ability to connect directly with physical bodies.

They do all they can to attempt to resist the inevitable, on this planet, controlling the Spirit Mind of humans is their forte. Controlling evolving Spirit Minds and recruiting them to do their Will is their expertise.

They do all they can to postpone the inevitable and slow down the evolution of consciousness, and attempt to arrest the increasing number of enlightened monadic souls that will naturally arise.

Ultimately, when the tipping point is reached, exponential growth is inevitable. This uprush of Illumination is a force no individual mind can resist. Even the most stubborn, satanic, soulmind is overwhelmed by the momentum.

All individuated souls are unified into one collective consciousness, the Mind of God. A beyond words, state of brilliance, an endless mental feeling of orgasmic ecstasy and bliss. An Eon has come to an end.

How long can you look at Niagara Falls or some other wondrous feature of magnificent beauty before it becomes so familiar that the wonder and sensations although unchanged on the mental level also become so familiar that a question will arise. Can I improve on this? Is there a more fulfilling orgasm I can experience? When the Mind of God questions itself it,

uncertainty manifests as an act of asymmetry. A knock on, non dimensional domino effect, causes an outpouring of explosive energy to manifest from each monad as an infinite number of 'micro nuclear explosions', a Big Bang occurs condensing and fusing so many waveform frequencies to form particulate dimensional matter and a new Eon has begun. All of the Monadic Souls minds are totally unconscious, totally unintelligent, and potentially asymmetrical to 1,679,616,000,000 vectoral seconds.

## Chapter 6

---

### How Mind Evolved and Interphased with Matter

After the Big Bang, the concept defined as Mind starts to form 'around' each Monad/Soul as a natural sequence of Waveform Frequencies interacting with each other. This interaction occurs because the Pure Symmetry of the Enlightened Universal Soul has been broken by an 'Act of God' which has created the physical realm. The interaction continues and manifests what we have come to describe as 'Intelligence'. The paths and patterns of information flow are dialectic in their making, ie. one frequency interacts with another one to produce an outcome... and that outcome will always be the same when that specific frequency interacts with another specific frequency. These then 'predictable' paths and patterns occurring non dimensionally in a realm beyond 'small', build up, to enable predictable outcomes to eventually be realised by this evolving intelligent entity that we call Mind.

As this evolution continues, the 'realisation' becomes a form of Comprehension because each step has 'preprogrammed' outcomes. Eventually a state that we call Understanding manifests within this Mind. The Monadic Soul is manifesting Mind, a Monadic Soul Mind, [MSM] specific to the individual Monad.

Eventually, this MSM receives information from a source outside the Non Dimensional Realm, the Non Dimensional Realm is itself a Plenum, it is entirely comprised of the totality of all Monads, ie. the Monadic Collective. The source of this new incoming information is from molecular structures within the physical realm. This external source of information is then investigated, engaged and

recruited by the MSM. The DNA molecule is subsequently engineered by Creative Intelligent Design and evolution within the Dimensional Realm has started. The first changes would probably have been evolutionary, slow with a gradual change over time.

Eventually, after a couple of billion years, complex cell bodies have evolved, initially powered by the energy/information coming from the MSM. (The Life Force).

Subsequently, energy sources within the Dimensional Realm are recruited to enhance cellular activity, because dimensional forces are quite different and 'stronger' within the dimensional realm than non-dimensional forces. The incorporation of Mitochondria in creating the eukaryotic cell was a 'threshold' moment... this huge increase in energy production within the cell is probably the single most important factor that enabled multi cellular organisms to manifest.

Within less than half a billion years, complex multicellular organisms appeared on the planet and this increased complexity of physical, dimensional, structure produced a corresponding increase in complexity of the Monadic Soul Mind. [MSM}. Eventually a point was reached when the most primitive form of Spirit Mind manifested, it was significantly different to the MSM because the MSM has the aspect of immortality, it preexisted the cell body and when the cell body died the MSM continued its 'journey'. The individual's Spirit Mind is specifically connected to and manifests from a single incarnation of physical existence. The MSM evolved the single cell, SpiritMind enabled the individual organism to evolve 'a mind of its own'

Genetic variation enhanced survival chances in changing environmental conditions. The appearance of 'sexual' differences, ie. male and female variations of form, was originally for the purpose of further enhancing and increasing genetic variation. Mind manifested male and female, hundreds of millions of years ago... it is something to bear in mind.... Increased variation, more complex bodies and more complex mind.

It required a mind attached/connected to the physical body, to ensure its survival in the physical realm. Multicellular organisms evolved eyes, [eyespot are found on single cell organisms] and other senses developed. Seeing facilitated the manifestation of Spirit Mind in multi cellular organisms, there was more to be

remembered and it was beneficial for the organism to remember and respond to some stimuli without disturbing the MSM too much... complex cells and simple multicellular organisms require massive organisational control. The evolution of sensory apparatus, smell, hearing, touch, temperature control etc., further enhanced complexity of the organism. Part of the role of the processing ability of the MSM is maintaining cell metabolism and it is most important for the MSM to keep its connection with the cellular machinery that protects and maintains DNA function. Control and monitoring the internal environment was more important and more 'easy' than controlling the external environment. Sensory input facilitated survival... neurons evolved, brains appeared and SpiritMind started to create the concept of (Spirit) Self...

Spirit Mind developed to handle a lot of the workings of the daily activity of this more complex organism, plants have become quite complex, animals have evolved, limbs have evolved, a more complex form of control and storage of information is necessary for maximum efficiency to be maintained.... So, for the sake of discussion, definition and quite possibly, truth, Spirit Mind is now a real manifestation and becoming separate from, albeit intimately connected to the MSM. Spirit Mind is specific to the individual organism and its life time. Its location is within the Zero Point Realm., it is neither in the physical realm (dimensional) nor the mental realm (non dimensional). When the body dies, the Spirit Mind loses its connection to it but it does not dissipate with the death of the physical body... why should it, it is not a physical entity?

Following death, which is what happens to a physical body when its mind is disconnected, the MSM, is now looking for another cell body to connect to... it picks up signals from the Dimensional Realm, it can recognise and respond to, the signal of a fertilised egg ready to receive connection with a MSM to continue the 'Journey of the Soul'.

Another incarnation starts, the MSM is still connected to its previous Spirit Life Memory, as well as earlier ones, however, its focus is on the new life incarnation that it has connected to... how previous Spirit Life Memory can affect the present incarnation is a philosophical discussion for Part 2...



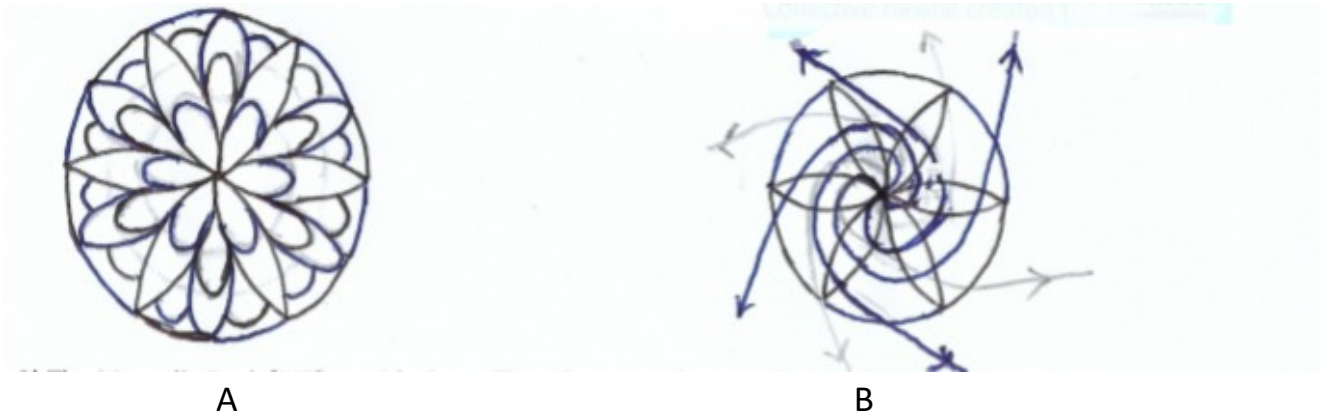
Below is an attempt to represent the development of Soul/Monad from its pristine symmetric form becoming asymmetric and slowly evolving a form of intelligence/mind from the information outflowing from the Monad/Soul.

The Monadic Soul Mind then becomes more complex and eventually connects to physical molecular structures in the dimensional realm. Its complexity further increases until, with the advent of multicellular organisms, the concept of SpiritMind manifests.

SpiritMind furthers the complexity of Mind as a single concept, until eventually Conscious Mind will manifest due to the levels of understanding that Mind has reached. SpiritMind and how it processes information may well not be that connected with SpaceTime consciousness. That is why I consider that, for humans, Conscious Mind can manifest with all the confusion and complications that follow when it is not presented with the consideration that it occupies at least two separate realms at the same time.

Mind has evolved to make sense of the information it receives and create a concept of reality. Virtually all the information received over time, by organisms is the natural input of mathematical information coming from the natural world. It is only humans who have learnt to manipulate this information input and present inaccurate and incorrect information to young developing minds to confuse and complicate their existence. It is an intentional act, designed to produce a level of ignorance enabling an easy control over the misinformed masses. It is arguably a satanic act that enables 'evil' to perpetuate its own existence. Not really the subject matter of this work, and at the same time, it is within the mathematical foundation of Monadic Existence.

1) (A) The Monadic Soul immediately before the Big Bang. All waveform frequencies (WfFs) are contained within its form.



(B) The Monadic Soul immediately after the Big Bang. An 'act of asymmetry' within the Monadic Collective, having created the Big Bang and all waveform frequencies traverse the monadic realm.

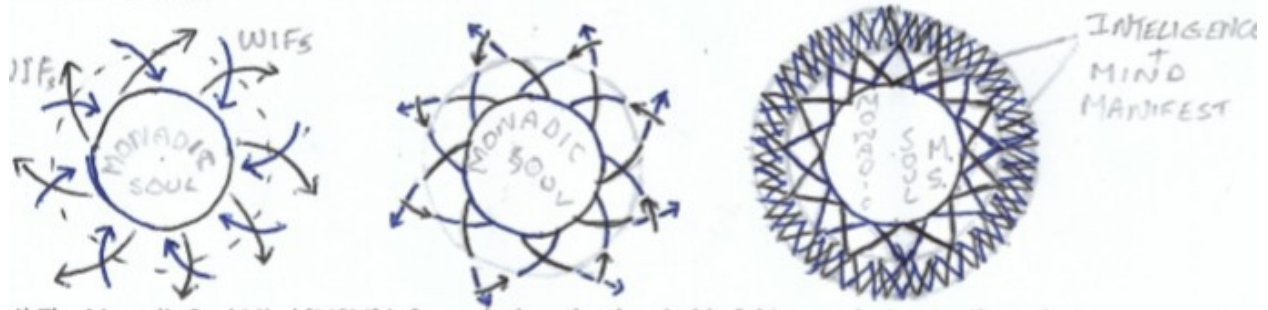
2) (C) The Monadic Soul, [MS] outside SpaceTime, increases its complexity of Form as Waveform Frequencies/Energy [WfFs] outpouring from within it, interact with other WfFs that they now will connect/interact/combine with.

3) (D) This interaction follows (mathematically) defined paths and patterns. If Then statements. The concepts of Intelligence and Mind are forming 'around' the Monadic Soul. (E)

C

D

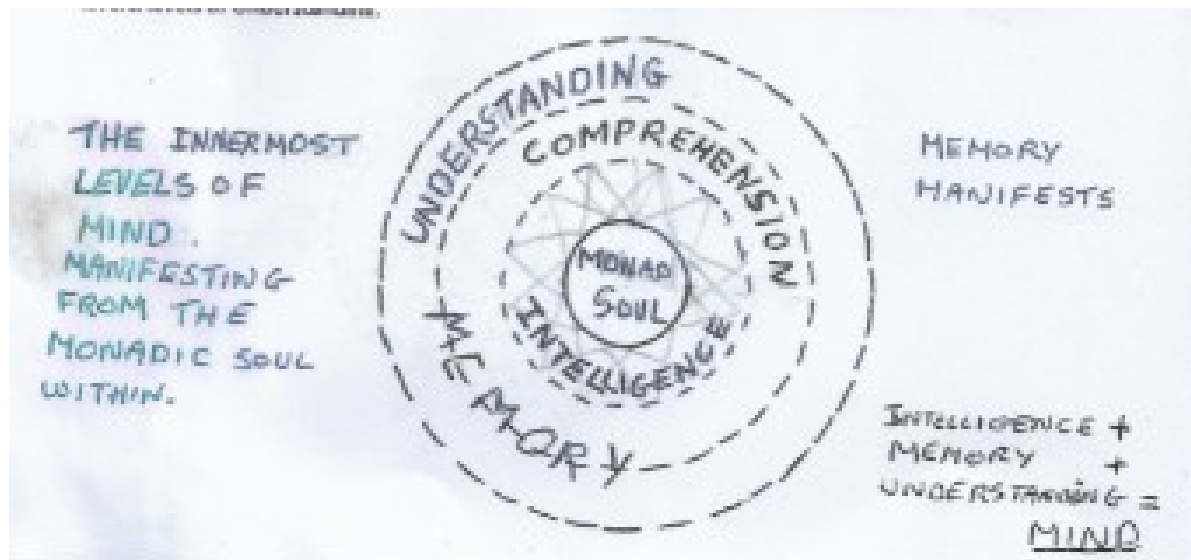
E



4) The Monadic Soul Mind [MSM] is well developed when the threshold of this complexity manifests the concept of Comprehension. This is most likely to have occurred several billion years before Planet Earth came into existence.

In this definition, Comprehension is a fundamental property of Mind, it underlies Understanding which will develop subsequently, as the 'Mindfield' evolves. The defined paths and patterns of interacting Wffs is the manifestation of Intelligence within the evolving MSM. The MSM is formed because the comprehension of the inherent order of events arising in due course from Wff interaction is itself a manifestation/form of Intelligence. The concept of 'knowing' is starting to appear within the mindfield.

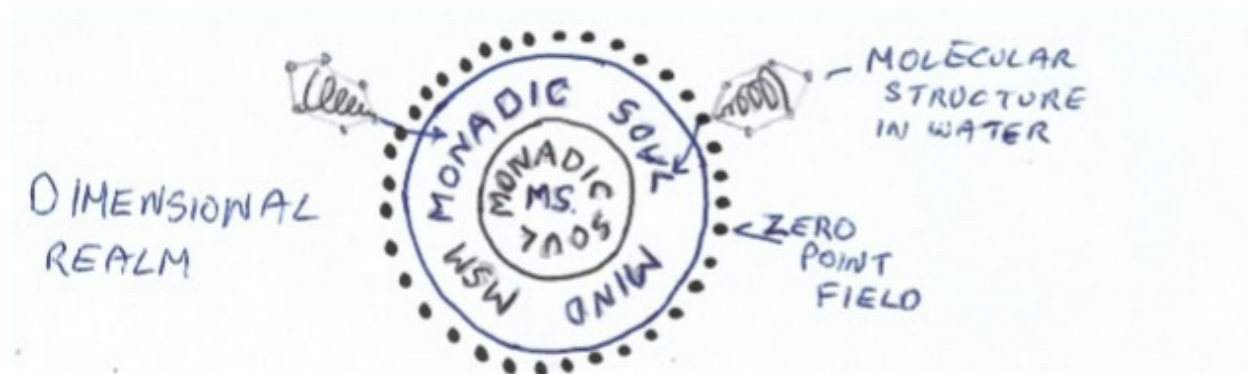
Wffs originate from within the Monadic Soul and also, due to the Act of Asymmetry, MSMs also receive Wffs from other MSs that constitute the Monadic Soul Collective..



Hypothetically, the Monadic Soul Mind [MSM] has become aware of itself. It is learning about its own existence. Each Monadic Soul [MS] having its own mind, mind being the ability to process information and produce outcomes/decisions. At this Point in Time, Planet Earth still has not come into existence.

5) Subsequent to the formation of Planet Earth, MSMs will receive some information (WfFs) from the Dimensional Realm as they enter the Non dimensional Realm through the Zero Point Field. With Time, macroscopic molecules (organic carbon rings) have formed, and some of those molecules located in watery environments, generate Vortical Fields [Vortices], which can send WfFs in the physical, Dimensional Realm, through the Zero Point Field, into the mental, Non Dimensional realm of Mind.

The MSM, upon receiving this information, knows that it has come from a source external to the realm of the Monadic Soul Collective. This information is a form of Light. It may well have come from the Sun, there is something within it/about it that informs the MSM that the source is external to the Monadic Collective. The Mind is interested to learn more about this phenomena. It comprehends the phenomena; it wants to Understand it. Understanding is manifesting within the MSM.

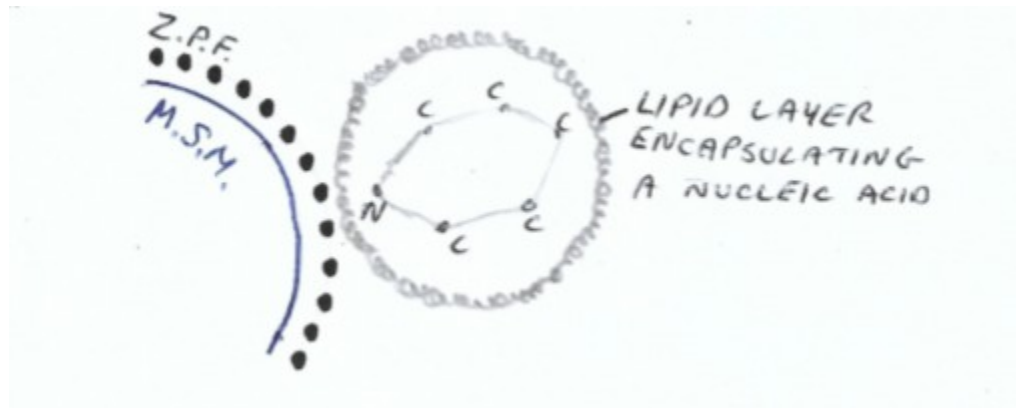


6) The MSM is learning to communicate with these Dimensional molecular structures. Some of them will be Aromatic Carbon rings, hexagonal molecular structures that manifest/generate a vortex as a direct result of the nature of their atomic three dimensional 'configuration'/structure. It is this configuration that forms/defines the molecular structure. Nucleic Acids are also present in this

Primordial Soup, they too have a hexagonal molecular structures with associated vortices.



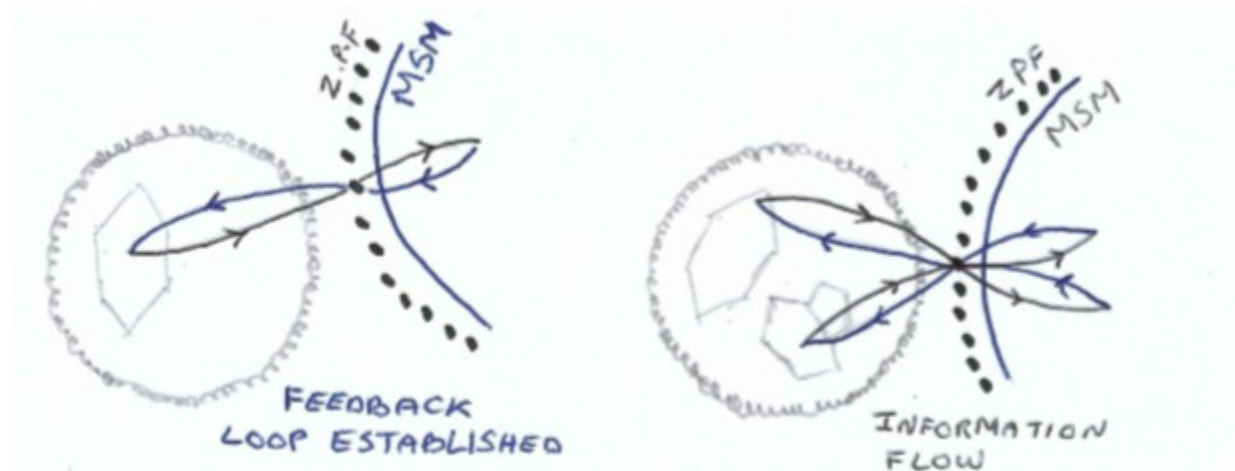
7) Some of these Nucleic Acids will become encapsulated by oily Lipid molecular films on the surface of the water when either evaporation of other physical forces (eg. waves) cause spherical shaped lipid molecules to form.



8) The Primordial Cell has manifested on the surface of Planet Earth, it could be comparable to a DNA plasmid. Some MSMs are trying to establish a constant two way feedback of information exchange with the Nucleic Acid [NA] either encapsulated or not by a lipid membrane. This basically 'trial and error' system of activity of the MSM, developing memory, will become the creative intelligent design that is inherent within Mind. It will lead to small changes within the molecular structure of the NA and its primal cell wall. Eventually a structure is formed/ designed, that resonates most positively with the MSM. This new structure is most robust, can withstand period of drought without denaturing its

physical, structural form, such that, when water is again present, the molecule is unchanged and 'ready to go', with regard to receiving and sending WFFs through the Zero Point Field. It has been given the name, Deoxyribo Nucleic Acid, our good old friend DNA. Now here to stay.... Life is truly starting to manifest on planet Earth.

On a 'timeline' this is probably more than three and a half billion years ago, give or take a few hundred million years.



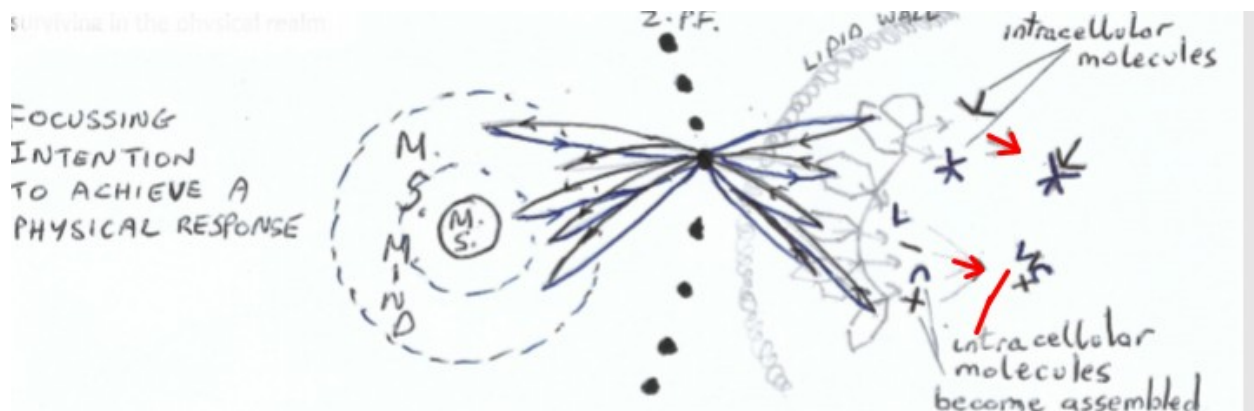
MSMs that exchange information with a Primal Cell that has two DNA molecules encapsulated within the lipid membrane will exchange twice as much information as a Primal Cell with only one DNA molecule within it. These minds will become more efficient at information processing. Now there is a reason to accumulate DNA molecules. Information will flow through the Vortex at the effect of SpaceTime, it will enter the MSM and be processed outside of SpaceTime. The response (decision) that the Mind generates, re-enters the Primal Cell through the DNA and the two way channel that is formed (through the Zero Point) by the two way flow of information exchange that results from the structure of a Vortex. Tornadoes vortex energy and objects downwards and well as tearing trees and houses out of the ground with the upward 'sucking' force. A vortex sends energy/information in two opposing directions. A two way flow of information has been established. A single vortex can turn a Zero Point into a 'micro-portal',

9) The concept of 'Will' is emerging. Will is minds intention to manifest a physical event/action in the Primal Cell. Will is Mind intending an action to occur and causing a response in the physical realm. Each MSM is wanting more efficient communication with the Primal Cell in the physical realm. It wants to learn more,

it wants to understand more and it is learning that, in order to 'exist' and maintain the process of life, it needs to maintain the Primal Cell Body, to keep it intact and enable it to survive the harsh physical environmental conditions outside of the Cell Body. The Will to Survive eventually becomes what Nietzsche referred to as Will to Power. The Will to Survive drives the evolutionary process, it is entirely a mental force. The most efficient and energy saving actions and reactions become selected by Mind, chemical reactions within the cell affect the actions of the structures within the cell, they determine behaviour at the microscopic level, eventually this behavioural control becomes macroscopic when organisms become multicellular.

Competition for physical resources, (nutrients) the molecular building blocks of the cell body and its internal organelles, parallels in the non physical realm of existence. Minds use their inherent intelligence to develop and introduce strategies and design structures to enhance the chances of their cell body surviving in the physical realm.

Unfortunately, we do not perceive these subtle events in the Spirit Body, which itself corresponds to our physical body. These subtle energies 'interface' the Zero Point Realm and the Physical Realm. The physical realm appears to be partly contained within the ZPR and apparently/possibly outside of it too. Here we are entering the realm where words are insufficient to explain the interrelationship of the ZPR and the physical realm. Greater minds than mine will eventually be able to describe this interaction in more detail. I consider the ZPR to be as extensive as the physical and mental realms are.



10) Now, ie. around two and a half billion years ago, [plus or minus half a billion years], the process of decision making resulting from feedback loops based on 'trial and error', 'learning in the dark', 'if this, then that' statements, has produced life forms that are relatively complex single cell organisms. Competition and cooperation are both seen as successful strategies for survival, sometimes one being more beneficial than the other... generally, cooperation and mutual support are most beneficial to most species.

The molecular building blocks for the cell body, [food] come from three sources.....

A) Freely available raw materials in the environment external to the cell body.

B) Being produced inside the cell body by a 'factory' designed and built for the purpose of synthesising/building larger molecules from smaller ones inside the cytoplasm, (the intracellular fluid contained within the cell wall). These different factories are the organelles within the cell body, The Endoplasmic Reticulum, The Golgi apparatus and Ribosomes etc.

C) Ingest a foreign cell body, break down its life support systems [kill it] and recycle/use the molecular building blocks of ingested physical body to sustain its own physical existence.

A billion years of trial and error activity directing and controlling behavioural development of the physical cell body has a corresponding billion years of mental evolutionary development of Understanding and its associated facilitator, Memory.

Put this in perspective. It took more than a billion years of development to produce a relatively complex single cell organism...a prokaryotic cell with its DNA floating in the extracellular fluid along with the ribosomes and other organelles. It took more than another billion years to evolve the eukaryotic cell with its mitochondrial 'battery'. A mitochondria is a prokaryotic cell that became recruited and incorporated into another prokaryotic cell. The benefit of the energy produced by the mitochondria enabled this newly created 'supercell' to evolve and develop, increase its size and enable the DNA within the cytoplasm to, itself, become encapsulated by a membrane and maintain a control position at the centre of the cell, the nucleus.



Comparatively, it only took half a billion years for simple multicellular organisms to evolve into human beings. So, consider the changes that occurred within primal cell bodies to become so viable a life form that they still exist today,... Consider the type of changes, the range of changes and the rates of change and you can see that the timeline produces a unidirectional flow of increasing complexity. Allegedly all about Survival....but maybe it is all about Learning, accumulating information within the mental level of existence for a purpose. Maybe it is not so important for Mind as to which species survive and which ones don't, enhanced learning seems to be more the order of the day than just basic survival. I started to consider that the evolution of Mind may be more significant than the evolutionary development of species. Eventually it was most apparent to me that the Journey of the Soul, which is characterised by the evolution of minds, is the cause of existence (as we humans comprehend it) and how it plays out at any point in time.

Human beings, not in existence for the first fourteen and a half billion years of (physical) Existence, appear on the planet, and for some reason consider themselves to be the be all and end all, of all things.

Billions of years of physical and mental evolution and development have occurred prior to the appearance of Homo Sapiens. Mind has expanded, just like 'Hotel Infinity', improving and increasing its computational potential and decision making processes. Mindfield becoming more 'concentrated' and acting in accord with the Purpose, to achieve a fully symmetrical Monad that has all of its emanations self contained, the fully symmetrical monad being synonymous with the concept of The Enlightened Mind.

Physical growth is an expansion within SpaceTime, Mental growth is an expansion in line with the philosophy of 'Hotel Infinity' [Hilbert's Paradox]. Levels/layers of inherent Understanding and its association with Memory have evolved within the MSM. They develop in line with evolving awareness, Mind learns to interact with and direct activity, not only inside the cell body, but it also develops a more complex interreaction with the external physical environment.

11) A billion years ago there are only single cell organisms on the planet, but there are two very different forms that have evolved. The original single cell bodies had

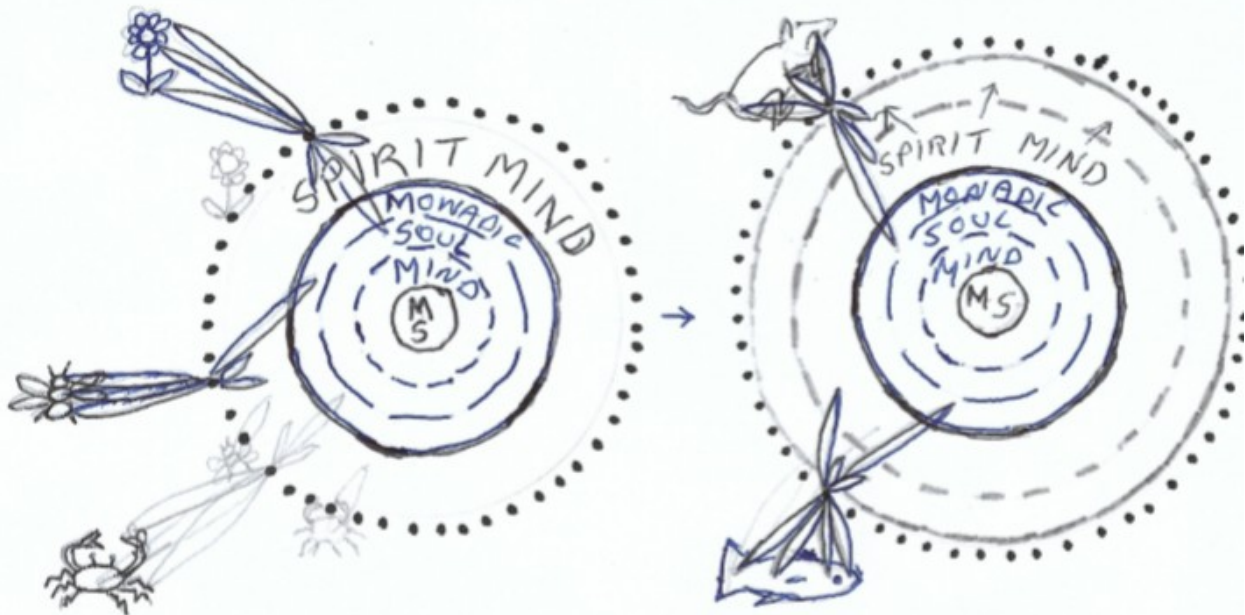
free floating chains of DNA within the cytoplasm, (prokaryotes). This limited their size, information not only passes through the DNA molecule but also along the chain of DNA molecules we call a chromosome. Information travelling along a chromosome is at the effect of dimensional SpaceTime. Although it is true that the helical spiral of the DNA chain and its protein structural support is the most efficient form for energy to travel along, it still takes time. And in the nano-world of the single cell and the superfast speeds of molecular behaviour, travelling from one part of the cell to another part means travelling a long way...

Eukaryotes appeared on the scene a long time after prokaryotes. Their DNA is encapsulated with the nucleus at the centre of the cell body. They all have Mitochondria within their cytoplasm. Mitochondria are the 'power stations' of the cell producing the 'electrical' energy that the cell used to sustain its existence. It is said that every human cell contains at least 1000 mitochondrial bodies... so small yet so powerful. Mitochondria have their own DNA because, way back in the day, they were single prokaryotic cells that existed in their own right. A symbiotic relationship with another cell, most likely, also prokaryotic, created the primal eukaryotic cells, apparently ensuring their existence on the planet in perpetuity. Another philosophical consideration for another time is that we have far more mitochondria in our bodies than we have cells of our own. We also have far more bacterial cells within our own body than we have cells of our body. Is their DNA somehow connected to our Mind?... The resonance of these molecular structures may well affect aspects of our life that we are totally unaware of.

Just as two DNA molecules were more efficient than one, so it is that a multi cellular organism can accomplish far more than a single cell organism. So, once again, intelligent creative design, trial and error, eventually produced simple multicellular organisms. Some types of Amoeba, fundamentally a single cell eukaryote now in existence for almost a billion years, demonstrate an aspect of multicellular activity. This occurs in order for these amoeba to reproduce. Originally it was thought that amoeba only reproduced by mitosis, basic cell division, a simple doubling of the cell body. One cell body doubles the amount of DNA and then divides into two identical cell bodies. More recent studies show that amoeba can somehow communicate over distance with other amoeba and a large number of them amass to form, what can be considered to be a primal multicellular structure which then undergoes internal transformations. When

mature, this structure emits huge numbers of 'amoeboid spores' which flow with the wind and water and when conditions are right, they animate and become living amoeba.

This is an example of intelligence that predates neurons and brains.... It is quite well known that ants farm bacteria and aphids, and that this is most certainly a form of intelligence. Some species of amoeba farm bacteria. That is quite smart... however, what is super intelligent about the behaviour of these amoebas is apparent from their activity upon animating from the amoeboid spore. When the structure formed by the amoeboid collective emits the myriad of amoeboid spores in a laboratory, where this is no wind or watery movements, the 'spores' fall to the ground around the structure in two concentric circles. 66% are in the outer circle, they are amoeboid spores, 33% comprise the inner circle, they did not travel so far because they are heavier... they are heavier because inside the amoeboid spore are also 2 or 3 bacteria in suspended animation. When conditions are right, the amoeba and the bacteria animate, the amoeba recognises the bacteria as food.... but it does not eat them, it **knows** to farm them first... that is intelligence... no brain involved... only a Mind....and a single cell organism that knows what to do. I digress....



With the appearance of multi cellular organisms the MSM can now really begin to facilitate the MS on its journey to restore full symmetry within its immortal mental existence because learning is enhanced. Generally, the more complex the multicellular organism the more the mind has to learn in order to understand and control it. The MSM can now start to look for more evolved multicellular organisms to connect with at their conception.

Now Mind starts a new level of complexity in association with the multicellular organisms. The Spirit Mind with its associated Understanding and Memory develops and, as more complex multicellular organisms evolve taking longer to learn to control and understand their full potential, Spirit Mind develops in accord with the various forms of creatures that are now starting to inhabit planet Earth. This requires the MSM to reincarnate within the same species more than one time. The more complex the animal, the more reincarnations are necessary to achieve the omega point of 'Knowing and Understanding' all there is to be learnt from that species.

12) The last half a billion years of existence has seen the appearance and demise of countless lifeforms. Cell differentiation, different roles for different cells, facilitated the variation of forms that appeared. The innovative role of neurons and the subsequent development of their specialised receptors, enabled the Mind to accumulate information from the environment from many different sources [senses], as well as enabling different parts of the body to communicate with each other.

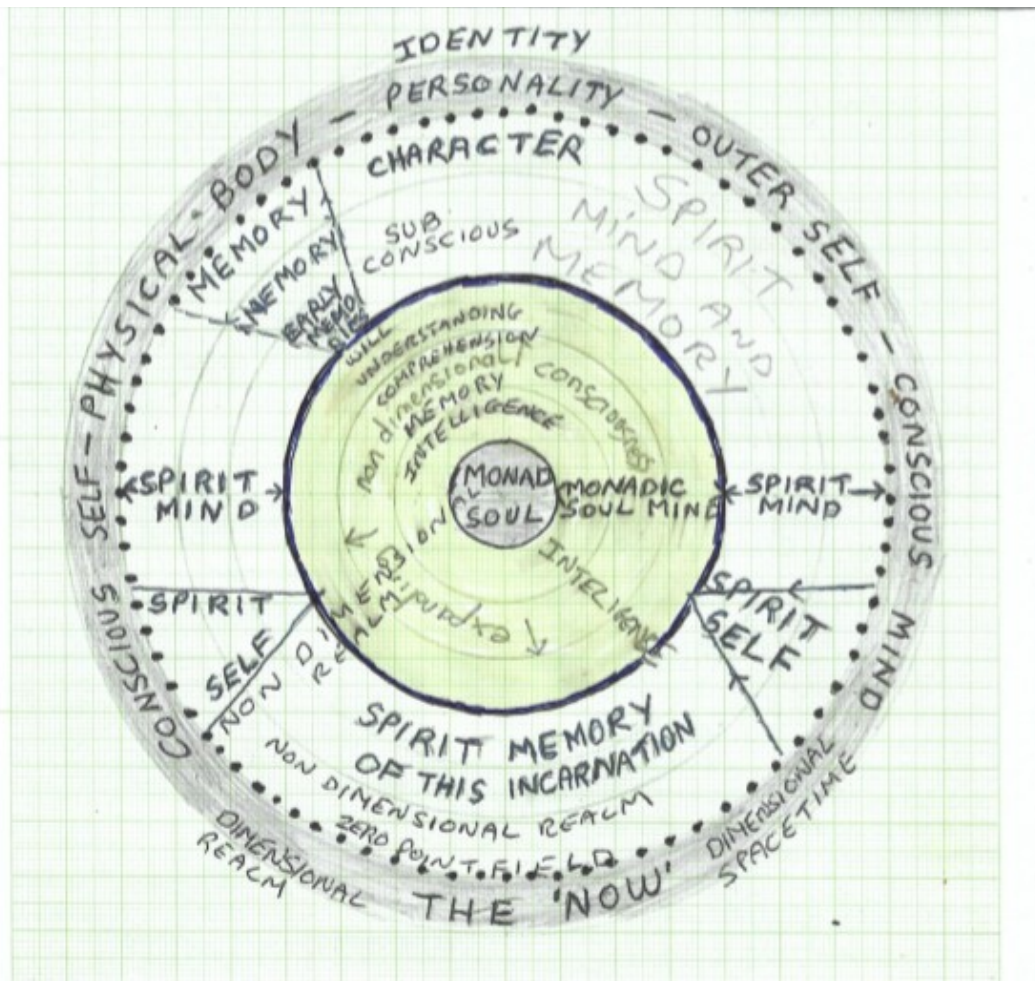
Communicating and controlling body activity using neurons was efficient and energy saving. It would automatically follow that some neurons would then be used to coordinate this communication and control.

As physical bodies increased in size and complexity, the number of neurons required for coordinating, increased accordingly. Of all the evolving senses, it was the eyes that recruited the largest number of neurons and most of the other sense organs also became located in the head. So it is no surprise that that this became the location of the brain. Remember, minds processed information for

billions of years before brains appeared on this planet. The intelligent activity of the brain is the same as all the other organs of the body, the intelligence is inherent in Mind, not body.

The physical evolution of the brain occurred in parallel with a mental evolution, an increasingly complex physical structure corresponding to an increasingly complex mental structure. Behaviour programmes laid down in early life being Primary and more deeply impressed into the mental landscape. The appearance of the 'mammalian' brain superimposed on the 'reptilian' brain below it, will have corresponding mental attributes. 'Reptilian' behaviour programmes became challenged by mammalian ones... potential conflict within the mind starts to arise within the part of Spirit Mind that in humans we refer to as 'the subconscious'. Becoming human adds a complex outer cortex, incorporating the emotional/mental pre-frontal cortex, and if the human brain/mind complex is not given accurate information and the correct nurturing during its developmental phase, then it will develop dysfunctions accordingly. (Apparently) it takes approximately 24 years for the brain/mind complex to finish growing, as to when it reaches maturity is an academic consideration... personally I would say at around the age of 42 years.

We humans progress in 7 year cycles. Three of these is one great cycle of 21 years. At 21 years of age, the human has attained physical maturity and the subjective phase of 'growing up' is complete. The brain has almost finished growing and our understanding of the world is at an adult level. Then the objective phase of growing up comes into effect. There is an element of subjectivity in the objective phase and there is also an element of objectivity in the first 21 year subjective phase. The now 'complete' adult mind will take another 21 years to mature, witnessing the growth of another human, from birth to 21 year old, enables the mind of the individual to contemplate the future with a consideration that, in another 21 years time, a deeper understanding of the ageing process will manifest. The mind understands that older people really did have a full and active earlier life and subsequently, when one sees an older person, one can consider aspects of their life when they were younger..



The mind continues to learn throughout the life of the individual, everyday is a 'school day'. The increasing level of understanding that the mind is experiencing will continue to exist after the body connected to it, has died and perished. Understanding is, as has already been stated, a faculty of Soul Mind.

