

AUSTRALIS AQUARII

The fusion of religion and science

By

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Australis Aquarii

Religion is the result of people trying to understand nature before science existed. The big questions, like who were the first parents? How did the Earth and stars begin? But there must have been the first question. It's impossible to know what that question was, but archeological evidence can give us a clue.

A paper published by Peoples HC, Duda P, Marlowe FW, "Hunter-Gatherers and the Origins of Religion," *Hum Nat.* 2016 Sep;27(3):261-82, describes the beginning of religion as a belief in animism. This early religious belief was followed by a belief that there was an afterlife.

Ask anyone, and they'll have a belief in what's going to happen to them after they die. It may be they cease to exist, go to heaven or hell, or be reborn again and again. Of course, we don't know for sure, so we must concede all beliefs are possible. Academic studies into Near Death Experience show that patients who were clinically dead and revived report experiences that closely resemble the early stages of the death process described in the book 'The Tibetan Book of the Dead', regardless of their religious belief.

In the 1970s, Fred Sanger and his colleagues at Cambridge University conducted the first sequencing of the human Mitochondrial DNA. Together with the worldwide research carried out on individuals from various ethnical backgrounds. Their research disclosed that we have a common ancestor. She was named 'Mitochondrial EVE' and lived about 180 thousand years ago. Common sense would say that with the same ancestral mother and the same

experiences in the early stages of the death process, whether you are a Hindu, Buddhist, Jew, Christian, Muslim, or Atheist, what awaits us on the other side is the same truth.

Science has shown us that we have the same ancestry. The hierarchies of religious institutions have helped divide us into States, namely, to satisfy the lust for power, authority, and control by a few people who believe they are 'elite.' Another function of the religious hierarchy is to inhibit you from having a religious experience. A quote by Carl Jung, "One of the main functions of organised religion is to protect people against a direct experience of God." If you have a profound religious experience, you will realise that religious institutions are for preserving the State and not your soul.

So, what is a religious experience you are being protected from? There are two. The Bible mentions both of them. However, the validity of these experiences needs to be confirmed. The scientific community has a peer review process, where experts in the same field scrutinise a researcher's work to test its validity. However, in the case of a religious experience, we need to seek people outside the religious institutions because those inside are obliged to "protect." In addition, to add weight to the validity of the experience, the person should have scientific training in the related field.

Fortunately, a scientist in a related field had a religious experience and wrote an important book. The scientist was Richard Maurice Bucke, a psychiatrist who wrote *Cosmic Consciousness: A Study in the Evolution of the Human Mind*, where he describes his experience seeing a non-consuming fire. The same vision as Moses had with the burning bush and the vision of cloven tongues of fire on Pentecost. This vision signifies that you are on the path to being born again. It indicates that your mind is becoming

pure, free from the delusion of genetic inheritance. Jesus Christ taught them how to achieve this path. But, it was the religious institutions that had to protect you from this experience and replace Jesus' teachings with teachings that suited their agenda.

How do they do it? They use the concept of atonement, God's forgiveness for a person's sins, because they hold a strict religious observance or believe Jesus died on the Cross for them. This concept is Kool-Aid for the soul. But deep down, not everyone is taken in by this half-truth.

A little-known fact is that 80 per cent of soldiers in World War II chose not to kill. They were good people who answered the call to arms to defend their country against a ruthless enemy. In many a battle, they aimed, and when the enemy was in their sights, they shot above their heads. To do so was a court marshal offence with a sentence of execution. In his book *Men Against Fire*, S.L.A. Marshall reports this fact after extensive interviews with the frontline troops. He found that even under direct military orders with the fear of the sentence of death for disobedience, coupled with the reassurance from the religious hierarchy that it is sanctioned by the King and Country, implying the Monarch had the divine right – God's sanction. However, good people would not kill.

This statistic is indicative of the general population. Eighty per cent of your fellow human beings are good people. However, the demands of everyday life often make good people do bad things. I'm sure you have experienced events where people have lied to you – to bear false witness. Maybe you have done so to cover up a blunder that will affect your employment. You weren't malicious, but you had to do it, a self-preservation act. The Judeo-Christian religion has an outlet for this type of sin, this indiscretion of the core. Some

of you have confessed, repented, and believe Jesus died on the Cross for your sins. This belief is a method to nurture a person's mind to affect their karma.

So, who do we believe? Who has the answer to the question: What do I need to do so I don't go somewhere horrible? We're given plenty of methods and beliefs to attempt to answer this question; on the face of it, they're all different, but at their core, they're the same. You have the core; it will tell you when you make the right decision. But, it has been wrapped in a veil of narration and dogma to keep you from recognising it; the hierarchies of religious institutions want to keep you in ignorance to reinforce their power.

The Buddhist meditation technique is needed to have the second religious experience. A person will have a vision and see the Holy Spirit in their mind. The Catholic Church discourages this type of meditation technique, which empties one's mind. The mind isn't emptied; it's quietened, which is a necessary state to see the Holy Spirit. So, the Catholic Church's discouragement is another way they "protect" you.

This document introduces a set of beliefs, a fusion of science and religion. Its purpose is to disclose another perspective and to reintroduce what Jesus meant when he said he was The Way. It's a guide to help you achieve a meaningful life. It's not a belief about a SUPER-NATURAL BEING that threatens to punish you while loving you at the same time. It's not a top-down power authority. But this guide will show you how to access support from what the Christians call the Holy Spirit - your core. Giving you and your fellow humans the information needed to make the best decisions in this life that is necessary to achieve the best result when moving to your next life. There isn't a need to worship, but it will explain the need to meditate and the

reason to practice it. Scientific studies have proven the benefits of meditation in lowering stress. However, mindfulness meditation should be viewed as a promise of what's to come, not the complete technique. With meditation and training, you can see the Holy Spirit – the core of your mind. This experience was described by Jesus in Matthew 3:16. Once you have experienced this level of consciousness, the Buddhists say you have 'entered the stream.' Jesus referred to this as 'Being Born Again.'

The evolution of religion will progress when religion ceases its conflict with science and moves into a state of harmony. They must move past the power play of authorities trying to dominate the argument over the correct answer to nature and reality.

To start, let's consider the scientific principles for determining the truth. The first is the scientific method, which involves objectively investigating observations and formulating and testing hypotheses. The second is peer review, which involves people with expertise in the same field evaluating the validity and quality of other researchers.

We can see some remarkable similarities if we apply the scientific method to religion. The authors of the Bible observed that when they stood on the Earth, they didn't feel movement. Therefore, they hypothesised the Earth was stationary. They observed that the heavens rotated around it. Therefore, they concluded—albeit wrongly—that the Earth was at the centre of the Universe.

Science was to refute the hypothesis that the Earth was the centre of the Universe when Nicholas Copernicus made detailed observations of the movement of the planets and hypothesised that the planets orbited the Sun. However, the Roman Catholic Church was able to refute this because Copernicus could not disprove their hypothesis with his

observations. About 100 years later, Galileo could observe Jupiter's moons. The observation of the moons of Jupiter proved that other objects revolve around a planet other than the Earth. It was technology – the telescope that gave science the edge. Other astronomers at the time were able to obtain telescopes and confirm Galileo's observations.

So, who has reported that the second religious experience is true? It is impossible to demonstrate this as it occurs in a person's mind. The closest recorded evidence is people who have had near-death experiences. Is a near-death experience the only way to know the truth; to experience it yourself? No, meditation is the technique to have the experience. It does happen.

This is my story and why it's being told. A series of coincidences led to a revelation.

It was the 9th of August 1945; The B-29 bomber Bockscar was being flown to Kokura to deliver the second atomic bomb on Japan. The weather was bad, so the pilot decided to drop the bomb on the secondary target – Nagasaki. At that time, a 27-year-old Motoko Yamamoto lived in Nagasaki and sheltered nearby. She would marry after the war and have a daughter, Atsumi, in 1960.

Atsumi visited Australia in 1984 on a 12-month working holiday visa and lived in a boarding house in North Sydney. There, she met Haruko, a young woman from Tokyo; Haruko was a work colleague of a friend of Keiko. A friend of mine, Geoff, was in a relationship with Keiko. I was asked by Keiko at a party if there was any room where I was renting for two friends to stay. Early the next morning, two young, beautiful Japanese women were knocking on my front door with suitcases in hand. Two years later, Atsumi and I married.

In 1994, I reluctantly agreed that Atsumi wanted to travel to India, and I had to accompany her.

After travelling around India, we arrived in Bodh Gaya on the 8th of February, 1994. Bodh Gaya is a small town in India where the Buddha achieved enlightenment under the Bodhi Tree. The 8th of February commemorates the Buddha's death. I was interested in the historic site, and as we had been travelling for a few weeks, we needed to stop and relax for a few days.

A couple of years earlier, Atsumi's university friend told her that meditation was very beneficial. Hence, as we were in the area, we enrolled in a meditation course. So, off I go, looking for a monastery to learn meditation. It didn't take long to discover that the 'big' monasteries, Thai, Japanese, and Tibetan, were full because of the commemorations. I found The International Meditation Centre, an independent monastery whose meditation teacher was Venerable Dr. Rastrapal Mahathera, a Bhutanese monk. The monk ran the centre on donations, a sign that it was for the spiritual development of a person, not a commercial enterprise.

Dr. Rastrapal and I briefly chatted while we registered for the course. He decided he would baptise me because I hadn't been taught or practised meditation. We sat opposite each other in the meditation room. I was required to close my eyes for the duration of the ceremony. The baptism began. Dr. Rastrapal spoke with a deep, resonant voice. As the baptism progressed, a bright white light appeared, a pure light, and in the centre appeared the Dove. Even though I hadn't seen anything like this before, I instinctively knew what it was. An old friend was welcoming me, and I knew it. I had a feeling of security, warmth, love, and joy. This experience was my first spiritual encounter. I was thirty-eight years old.

It was seventeen years after my experience in India. In early 2011, I was reading in the Maha-Rahulovada Sutta, a discourse given by the Buddha, about the classical elements: earth, wind, water, and fire. In this discourse, all of the components of the body are described as elements. A high school student could tell you that earth, wind, and water are the three states of matter: solid, gas, and liquid. Fire is energy; in the body, it is the chemical energy produced through digestion for warmth and to maintain life. Centuries later, medical science discovered electrical energy in the central nervous system and brain. These are physical properties and can be measured.

Is that it? Are we a lump of flesh and bones, full of liquids, breathing in oxygen to turn it into carbon dioxide to produce energy? No, we are much more. We are alive. Matter is either alive or not alive. Therefore, life is a phenomenon. A thing cannot have more life or less life than a life. It is immaterial, intangible, something we perceive but cannot touch.

We have consciousness. One view of the various consciousness concepts underlying our experiences is that there is a fundamental presence; Robert van Gulick states in The Stanford Encyclopedia of Philosophy, "Though it is not the norm, one could take a more robustly realist view of consciousness as a reality component. One could think of consciousness as being more on par with electromagnetic fields than with life."

I was meditating on the possibility of a relationship between matter, energy, life, and consciousness—our four components. Deep within my mind, a feeling permeated that there was a relationship, but it was not evident. After a few days of wrestling with the problem, I had a dream in which four angels appeared and gave me a vision.

This vision is a catalyst to a set of beliefs, concluding with a dire warning.

1.

The Tetrae

We grow up in a culture that influences our beliefs. The religious beliefs of the culture I grew up in taught me to be good, obey the commandments, and attend God's house regularly, and I will go to heaven after I die. On the other hand, if I break the commandments and don't repent, hell, a fiery torment, is my destination; the stark choice. Has the culture I live in tried to condition me to respect, obey and not question authority?

The start of this conditioning is to expose the child to the concept of God and why we have one. At its core, people believe God is the ultimate authority. From this origin, societal authority is derived. For example, the church's authority is to administer God's authority on Earth, sometimes called the first estate. The clergy anoints the monarchy – the second estate. This anointment establishes a hierarchy of authority. The monarchy derives its authority from God from the coronation – a religious ceremony authorising it to rule over the population through law decrees.

The authors of the Old Testament say that God is jealous and vengeful, and you must face His judgment after death. Let's look at the effect this could have on a person. It generates fear, a primal emotion. An emotion encoded in our DNA is part of our genetic inheritance. However, fear has to be activated. A baby usually shows signs of anxiety at about six to seven months old. Studies into early child development have shown that a baby picks up the expression of fear on other people's faces at an early age. Throughout a person's life, they are exposed to many sources that instil fear, leaving the way for those who desire to control and manipulate them.

There is the fear of death, an instinct; the fear of the unknown; the fear of punishment by a force that a person is powerless to defend against; the fear of being trapped without escape - death. Each factor compounds the fear emotion and, with that, the ease of manipulation by those willing to exploit the victim in distress. The authors of the Old Testament believed the story of Sodom and Gomorrah is an example of God's fury, which occurs just after He makes the covenant with Abraham. Archaeologists have formed the opinion from their research that a meteor entered the atmosphere and broke up above the towns, causing their annihilation. Then there's Lot's wife, where God turns her into a pillar of salt because she can't resist the instinct to turn around and look at what's happening. There are two aspects to this story. The first is to reinforce the cultural abhorrence of homosexuality. And second, to instil a deep sense of fear of God. It is in the field of forensic psychology that data from interviews of men who commit violence against homosexuals show that these acts are extreme expressions of cultural stereotypes. The men of Sodom and Gomorrah are wicked and sinners and deserve severe punishment. This belief reinforces the belief that a genuinely masculine figure will have no compulsion to mete out a suitable punishment. All use this type of manipulation in the authority hierarchy.

Another use of God is to unite. We start at the time and place before Moses. It was a time of pagan gods and child sacrifice; the story of Abraham and Isaac demonstrates this. People of the region shared the belief that the events of the natural world were an expression of the mood of their pagan gods. For example, in the Levant, El was the pagan God of creation in the north, and Yahweh was the God of storms and warriors in the south. The Old Testament pages reference child sacrifice to the pagan gods Moloch, Baal, and

Yahweh. We can imagine how the parents reacted to having their child chosen to be sacrificed; some may be honoured, and some may be full of dread, especially if they knew children sacrificed in the past and the sacrifice was in vain – casting doubt on its effectiveness.

In the first book of the Old Testament – Genesis, we find the story of Abraham. This story is where the Israelites believe their covenant with God forms. God promises He will protect them if they obey His commands. However, this comes with a caveat: all the males within a household must become circumcised to prove their obedience.

Abraham is the person God 'chooses' to free his descendants from child sacrifice. In Genesis, God commands the elderly Abraham to take his only son Isaac and sacrifice him as a burnt offering. Abraham obeys God, prepares an altar, and places Isaac on it. Abraham is about to kill Isaac when an angel intervenes because God is satisfied. It proves that Abraham feared God. This belief gives the Israelites the voluntary act of circumcision that shows they fear God. They are also relieved of the obligation to sacrifice their children to God.

God states that if outsiders curse his chosen people, He will curse them. Here, the curse is a euphemism for hate. So, if it's acceptable for God to hate people who hate the Israelites, it is sufficient for the Israelites to hate those people, too. Hate makes us feel good. The hate emotion releases the hormone oxytocin, the love hormone. A group uses hate to unite against a common enemy.

The perspective of God as an angry, hateful, and vengeful deity that the Israelites and their descendants adopted has caused them incredible harm. The harm is caused by hate because, according to the Tibetan Book of the Dead, it is hate that will send you to a hellish existence in the next

life. A hellish existence means a life of more tremendous suffering, more significant than the suffering of a human.

God is used to justify the influence of evolutionary inheritance. In the Book of Genesis, God chooses Abram to form a nation. When Abram has his vision of God, he is wealthy: He has a large flock of sheep, gold, and silver. This choice indicates that God likes rich people, and the story of Job reinforces this.

Job is a devoted, God-fearing Israelite who is very rich. Satan bets God that Job will lose his devotion to God if Job loses his wealth. So, the Bible says that God has Job's livestock stolen by other peoples or killed by fire from the sky and kills most of his servants. Also, God sends a great wind to Job's eldest son's house. Under the pressure of the wind, the house collapses, killing all his sons.

Job has to endure another test. He is covered head to foot by sore boils. However, this does not cause Job to waver; he keeps his faith in God, and God rewards Job for his continuous devotion by giving him much more livestock and replacing his killed children. The number of animals was more significant than his before the test began.

The story of Job is about how unwavering devotion to God can assist a person in becoming wealthy. The desire to be rich is based on the basic need for security, so people are drawn to God's approval to satisfy this need. The need for security is passed down through our evolutionary inheritance. An example of the need for security in animals is hoarding.

Another trait of evolutionary inheritance is the desire to occupy territory. There have been scientific studies into the territorial activities of chimpanzees. Chimpanzees are known to fiercely protect their boundaries and enlarge their territory by killing and driving off smaller and weaker monkey troops. This behaviour is blessed in the Old Testament when God

tells Abram that He gives him and his ancestors the land from the river of Egypt to the Euphrates. Some scholars believe that the river of Egypt refers to the Nile. This belief gives people perceived permission to exercise their primal urge to kill.

To kill is a fundamental need to survive. Carnivores kill their prey to survive, but sometimes, they kill more than they need. This type of killing is called surplus killing. We can't be sure why an animal kills more than it needs. Still, a few examples are hoarding – returning to the prey later, only eating the most nutritious parts – roe and brains, and killing for pleasure – an example is dolphins killing porpoises.

So a person, for example, a king who has a desire to invade and occupy more territory, can permit other people – the armed forces, who have an unchecked primal urge to kill, to carry out his desire. They see the king, who has been anointed by religion, to act on behalf of God; this makes their actions not sinful and have positive retribution. An example of this is in 1 Samuel, where God directs Saul to kill the Amalekites, both man and woman, every child, plus all their livestock. This belief gives the message that God sanctifies the defence of Israel, thus condoning the exercising of primal urges passed down through our evolutionary inheritance.

Then, the new era started. A fellow Judean, Jesus Christ, would have known the Israelites' history and culture. Jesus recognised the harm caused by the perception of God held by the Israelites at that time. In the Sermon on the Mount, Jesus rejects the beliefs of the people of the Torah, telling them that it is preferable to be merciful, as they will receive mercy. Matt 3:43-45, 43. Ye have heard that it hath been said, Thou shalt love thy neighbour and hate thine enemy. 44. But I say unto you, Love your enemies, bless them that curse you, do good to them that hate you, and pray

for them which despitefully use you, and persecute you; 45. That ye may be the children of your Father which is in heaven.

Another refutation of the Old Testament is Jesus's claim that a rich man had as much chance to enter heaven as a camel had passed through the eye of a needle.

Jesus introduces God as the Father and also the Holy Spirit. It is these that have propelled the development of human understandings of God. This development happened because it gave a person a tangible experience; an example is the baptisms performed by John the Baptist in the Gospel of John. In John 1:6-13,

6 There was a man sent from God, whose name was John. 7 The same came for a witness, to bear witness of the Light, that all men through him might believe. 8 He was not that Light, but was sent to bear witness of that Light. 9 That was the true Light, which lighteth every man that cometh into the world. 10 He was in the world, and the world was made by him, and the world knew him not. 11 He came unto his own, and his own received him not. 12 But as many as received him, to them gave he power to become the sons of God, even to them that believe on his name: 13 Which were born, not of blood, nor of the will of the flesh, nor of the will of man, but of God.

In the above excerpt, the Light is Jesus's vision when he "comes out of the water". The dove is the Spirit of God - the Holy Spirit in everyone. However, there is another message here.

In John 12, those who believed in his name, Yahweh, came to John the Baptist and had the vision of the dove within the light. There has been a difference between the Old

and New Testaments. The Old believed that God was external to them and that they experienced Him through nature, whilst the New believed God was internal and that they experienced Him by receiving the Light—something available to everyone.

John chapter 13 indicates the various degrees of consciousness of a person. 'Of blood' is the instinctive reaction to environmental stimuli, for example, a violent response to a perceived threat generated from fear. The will of the flesh is the evolutionary heritage that affects us; it is the preservation of life in all its forms – fight or flight and reproduction. The will of man is the highest level of consciousness that most people reach. It is the ability to form thoughts, reason, and use their imagination. 'Of God', Cosmic Consciousness is the highest level of consciousness a person can aspire to. Upon reaching this elevated state of consciousness, a person will see the Light in meditation or true baptism.

This experience created a different perspective on the authority of God. The Old was the authority of His word passed to Moses and the true authority of God that comes from within a person. Authority translates into power. Some people believe that God's authority is passed to them through an institutional structure and usually apply this power through force. Then, some people experience the Holy Spirit and know it comes from within. They recognise the difference and choose to submit to the Holy Spirit, not the people of an institution. The experiences of the followers show the effect of following the teachings of Jesus

The Book of Acts describes the Apostles' experiences after Jesus's death. It is in chapter 5 that the clash of the Old and New comes into focus. It describes the people near the

Second Temple in Jerusalem, and those who come from around Jerusalem are vexed with unclean spirits. An unclean spirit is a Holy Spirit smothered by a person's hate of others. The interaction with Peter and the other apostles showed the people how to release the Holy Spirit from the influence of hate, and as a reward, they experienced the joy of the Holy Spirit.

The High Priest, a Sadducee and head of the council, saw this exodus to the teachings of Jesus and became very concerned, so much so that the council threw the apostles into prison. When the apostles were brought before the council, which consisted of the Pharisees and Sadducees – the religious authorities, a sharp distinction between the perceptions of the authority of God became clear. When Peter said in Acts 5:29, 'We ought to obey God rather than men; by reading between the lines, a person can reason that the apostles didn't see the Old as the word of God but merely people's perception of God, whereas the Holy Spirit must be listened to.

As this pure form of Christianity spread through the land, it affected those it touched, and a transformation occurred. It wasn't immediate but built up over the centuries following Christ's death. Its most noticeable impact could be seen in the Roman army. It was in the ranks that soldiers started to convert to Christianity and refused to fight. It became such a grave concern to the elites of the Roman Empire that they threatened the offending soldiers with loss of privileges, rank, and pension or even sentenced to death. The elites executed the soldiers who refused to revert to paganism.

The spread of pure Christianity was unstoppable. The elites recognised that changes to the religion were necessary so that the Emperor could achieve his imperial purpose of

protecting and expanding the Roman Empire. In 325 A.D., Emperor Constantine I convened the First Council of Nicaea with a council of Christian bishops. The Catholic Church claims that the council convened to unite the church over the Arius controversy, where Arius believed that Christ, a Son of God, was separate and subordinate to God. The others believed that Christ and God were the same. So, why did Constantine I – a pagan- need this to be settled in the manner we live with today? The first consideration is the decision that had to benefit Constantine I.

The primary duty of an Emperor is to defend the empire. He must have dedicated armed forces ready to kill on his orders to do this. But, a soldier may be reluctant to act if he believes there will be some punishment after death for his actions. So, the decision was made to enable the adoption of the notion of atonement from the Jews through the birthright of Jesus Christ. God and Christ needed to be one so Jesus' sacrifice could be seen as payment for the sins of his believers. If Jesus had been a man, His sacrifice would not have carried any weight.

The act of transferring the responsibility of sin from the wrongdoer to Christ has unleashed a history of savagery on the world's indigenous population by Christendom.

Of course, it is never put to them as go and kill but is framed in an altruistic perspective, for example, bring religion to the heathens – save their souls. Therefore, they are doing God's work and can commit their actions with a clear conscience. History has shown that some of the most horrific savagery has been done in the name of God.

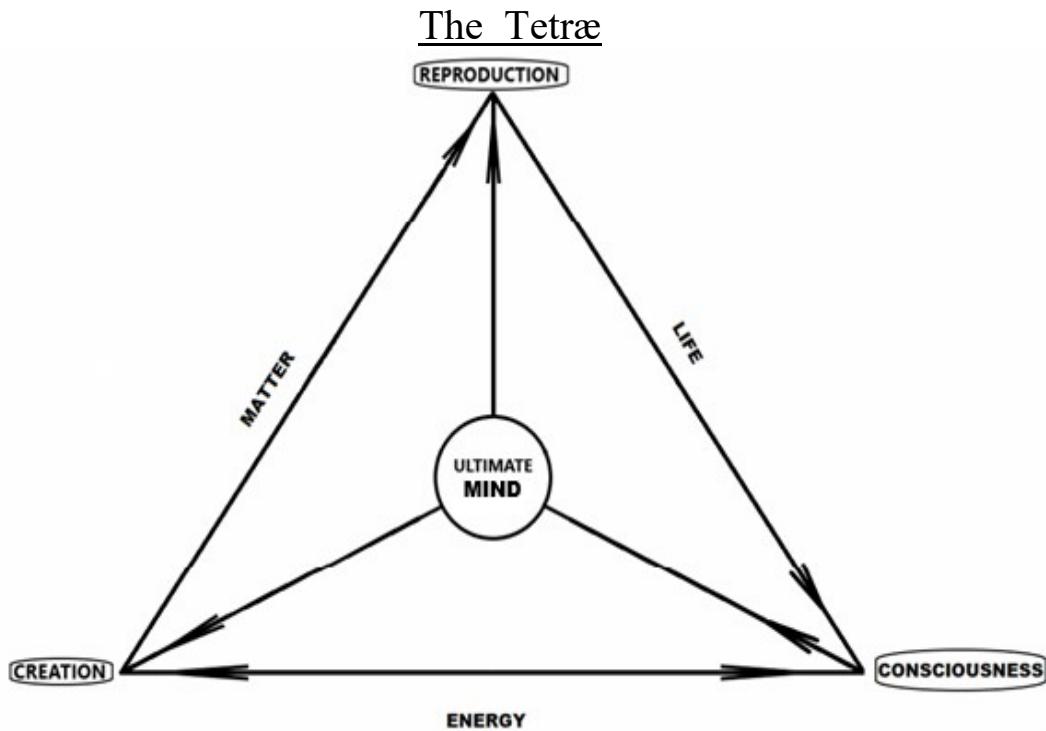
The religions of the East also have a God – Brahman, the Ultimate Reality and the Highest Universal Principle. So, as the religions from the East and the West believe there is one God, it stands to reason that God is the same for

everyone. One of the perspectives of God comes from the Bible, which says that we are in the image of God; this is not untrue. However, as people of the Early Iron Age conceived this belief, it became accepted that God has the same emotions as humans. This belief is in the Bible where God hates – Proverbs 6:16; loves - Jeremiah 31:3, jealousy – Exodus 20:5; anger – Psalm 7:11; compassion – Psalm 135:14; grief – Genesis 6:6; and joy – Zephaniah 3:17. But the God of the East doesn't have emotions or a human form. So, suppose we peel back the emotions and physical form superimposed on God and strip away those layers. In that case, we can see our fundamental principle: our Holy Spirit, our Atman, our Tathagatagarbha - the image of God in all of us.

This section brings us to the revelation of my second vision.

It started when I began researching the classical elements: Earth, wind, water, and fire, a common belief in ancient Eastern philosophies and with Aristotle in ancient Greece. They believed everything consisted of at least one of these classical elements. When it comes to humans, we are a complex combination of them. Earth is the flesh and bones of our body. The wind is the oxygen we absorb in our lungs and the carbon dioxide we exhale in our breath. Water is all the fluids that inhabit our body. Fire is the chemical and electrical energy we utilise to maintain life, produce thought, and create movement within the body. If we look at earth, wind, and water and apply science to these classical elements, we see that they represent the three states of matter: solid, gas, and liquid. But, we have one more element – Life, a separate but connected element; matter is either alive or not.

In a dream, four angels revealed to me the relationship between the four elements of existence and their three effects.



This representation is a development of the Universal Principle that underpins the perspectives of people of the Early Iron Age who wrote the Bible. It does not contradict their beliefs based on truth but brings them into focus with the benefit of scientific discovery. We can theorise about our relationship with the Ultimate Reality from a scientific perspective.

In ancient times, the existence of a god was seen as a cause of events, and this is how it will be viewed. However, we have the added advantage of centuries of scientific discovery, which enables us to draw on a wider set of considerations to form a more informed perspective. Therefore, to help gain a perspective of the Ultimate Reality,

we need to look at what we experience as a reference point and work back.

Let us start with what we know. All physical objects cast a shadow. You, as a 3rd dimensional person, cast a shadow that is 2nd dimensional. You have height, breadth, and depth. Your shadow has height and breadth; it lacks one dimension – depth. It also has a negative energy coefficient – you feel cooler when you stand in the shade. Also, a shadow does not consist of matter. Armed with this simple example, let's step up a level.

We are in a 3rd-dimensional space with an additional dimension of time. Using the shadow analogy, it has been theorised that a 4th-dimensional object could exist.

However, as we know, a second-dimensional object does not have matter, while third-dimensional objects are made of matter. Matter is the phenomenon of the ^{third} dimension, and we can speculate that fourth-dimensional objects are not material as we understand them.

Let us look at the relationship between 2nd and 3rd dimensional objects. A shadow is created by matter that has an energy source in its vicinity. You, a 3rd-dimensional object, can see this by standing between the sun and a wall. Or experience a shadow by putting a tree between you and the sun. You know a shadow exists because you can see it and feel it. So, a lower-dimensional object is created by the interaction of a higher-dimensional object and energy, and the lower-dimensional object needs to be projected onto the higher-dimensional object for it to appear. Therefore, there is contact between dimensions. This contact, naturally, leads to the question. What would it look like if there was contact between the 3rd and 4th dimensions?

As far as a 4th-dimensional object passing through a 3rd-dimensional object goes, this is not possible. A 3rd-

dimensional object cannot pass through a 2nd-dimensional object any more than a wall can pass through a shadow. When you walk through a shadow, the shadow is projected onto you and the ground simultaneously, but the shadows do not connect in the 3rd dimension. You can see this by looking through a shadow at 90deg to the shadow line, e.g. a shadow line is a direct line between the sun, a tree and the ground; the objects behind the shadow line are as equally bright as neighbouring objects not in the shadow line.

So, as the 3rd-dimensional object projects onto the 4th-dimensional object, the contact should appear throughout the 3rd-dimensional object. Let's look at a 3rd-dimensional object, the Universe. Whatever the contact is with the 4th dimension, it will appear the same everywhere in the Universe on every part. Although science cannot detect the 4th-dimensional object empirically, and there are limitations in how physics describes matter, it is the observations outside these limitations that a possible candidate, showing evidence of contact, maybe.

To see the evidence, we need to move into the atomic level of matter and the world of quantum mechanics. Here, we find Quantum Entanglement or, as Albert Einstein called it, 'spooky action at a distance'. Science has strong empirical evidence of its existence. It was after a history of experimentation and discussion from Einstein et al. in the early 1930s to Ronald Hanson in 2015 that Quantum Entanglement was proven to exist. John Preskill, the Richard P. Feynman Professor of Theoretical Physics at Caltech and the Allen V.C. Davis and Lenabelle Davis Leadership Chair of the Institute of Quantum Science and Technology (IQST) in the article 'Untangling Quantum Entanglement' *Caltech Magazine 11 Oct 2019* states that "Essentially, entanglement

holds space together. It's the glue that makes the different pieces of space hook up with one another."

But physics has its limitations, which leads to the question: Could quantum entanglement be a manifestation of a deeper truth? Is quantum entanglement an indication of the interface between the 3rd and 4th dimensions?

CONSCIOUSNESS

Experimental evidence shows that the second particle "knows" the first particle has been observed. We need to know how the first particle "knows" it has been observed so that it can communicate with the second particle. Or the observer "knows" the orientation of the first particle because they are conscious of the observation and communicates at a quantum level to the second particle. To "know" is an indication of consciousness. All the participants in the quantum entanglement experiment can know the outcome. Consciousness is the common factor among all the participants.

An observation made during the experiments is that the communication between the particles occurred at a speed faster than light. This observation implies that the communication between the entangled particles is not in the 3rd dimension because the speed limit within the Universe is the speed of light. Therefore, we can speculate that consciousness is a vector between participants in the 4th dimension.

Here, we investigate the hypothesis that the 4th dimension is some sort of field.

We can expand this conception of consciousness and compare it to matter in an electromagnetic field. But first, let's look at consciousness from our perspective. An

interesting theory from Professor Roger Penrose and Professor Stuart Hameroff called the Orchestrated Reduction Theory says that consciousness originates within the microtubules of our central nervous system. It is also known that microtubules are present in every cell in the evolutionary chain of life; bacteria have a structure called FtsZ, which is similar to tubulin. So, if we expand the reductionist theory that if consciousness occurs in the tubulin, it originated in its evolutionary ancestor, FtsZ. This deduction concludes that consciousness occurs in all life, animal and vegetable.

Before comparing, we must separate the tubulin into passive and active ones. This comparison means that active tubulin has electric energy passing through it, e.g., a neuron; passive tubulin does not have electric energy passing through it, e.g., plants and bacteria.

The first comparison is a single charged particle moving in a magnetic field. In this example, the charged particle, an electron, travels along the magnetic field. The electron demonstrates an effect within the magnetic field: It moves around the lines of the magnetic field while moving along the line, and its path appears as a spiral. The comparison here is that entangled particles demonstrate an effect, a form of consciousness, which implies that they are within a field.

The next comparison is between a wire and tubulin. An electric current is generated when a wire passes through a magnetic field. The wire's most efficient structure is a coil, which is also found in tubulin. Within the tubulin are protein proto-filaments, akin to wires, that are wound in a coil configuration. These tubulin coils give rise to consciousness from the field.

The third is when a nerve impulse travels along a neuron. The microtubules still have the effect of developing

consciousness in the animal from the field. However, there is a marked difference. The electrical energy that passes within the microtubules creates a disturbance in the field; in effect, it is an image of the field. An example as a comparison is an electrical machine operating near a wi-fi router, where a microwave oven emitting 2.4 GHz interferes with other electronic devices nearby, causing packet loss and a slower internet speed.

CREATION

In the creation of matter, the Big Bang, we know that one element is Energy. Einstein's famous equation, $E=mc^2$, linked energy and matter. A direct relationship exists between energy and matter. The Trinity experiments demonstrated this relationship with the detonation of a nuclear device. The sun – a nuclear fusion reactor, creates energy and transmits it to Earth. This energy strikes the surface, illuminates and heats it; the reflected light and the surface's heat are regarded as lower quality because they have lower energy intensities. The energy produced by matter cannot be transformed back into matter. Therefore, the energy that produces matter in the Big Bang is the highest quality energy, E_0 .

In 1938, the Plumian Professor of Astronomy and Experimental Philosophy at Cambridge University, Arthur Eddington, estimated that approximately 10^{80} protons were in the observable Universe. An atom is electrically neutral, which means the number of positively charged protons equals the number of negatively charged electrons. It stands to reason that there are 10^{80} electrons in the Universe. An electron is an elemental particle, and a proton is a collection of three elemental particles called quarks. Each one of these

elemental particles is created in the Big Bang in the following process.

At the Big Bang are the quantum field fluctuations. These fields have harmonic oscillations, and when two peaks randomly arrive at a point simultaneously, the addition of the energy waves produces a virtual particle and a virtual antiparticle, which annihilates each other very soon after. The imperfect virtual particle-antiparticle annihilation allows a real particle to come into existence. In his book, *A Universe from Nothing*, Lawrence Krauss states that a billion photons exist in the background radiation per 1 proton as proof of imperfect annihilation. But it is the randomness of the energy waves that is of interest.

Let us look at the simplest random event to represent the peaks of the energy waves. Either the waves peak at the same time, or they don't. We can represent a yes – no random result as a coin toss. Tails = no; Heads = yes. Now, in a single coin toss, there is a 1 in 2 chance that a tail will show, which is the same odds as a head. Let's toss two coins; there is a 1 in 4 chance two tails will show and a 1 in 4 chance two heads will show. This probability is represented mathematically as $P(A) = 1/2^n$ where n = number of coins.

Given that the probability is so slim that it occurred by chance, we can look at an alternate possibility of an interference of E_0 . Some type of excitation passes through the quantum fields of singularity to cause the simultaneous creation of virtual particles. To start, let's look at the hypothetical end of the Universe. Physicists are speculating that the Universe will disappear in the far-off future. The matter of the Universe – stars, planets, etc are drawn into Black Holes, which in turn evaporate into Hawking radiation. So the life of the Universe, according to physicists, is born in a Big Bang and eventually ends in a puff of virtual particles, a one-off event.

But, if we place this Universe's life into a cycle, we can speculate on how the cycle operates. We know that matter is energy, $E=mc^2$, and the Universe is a 3rd-dimensional object. As a 3rd dimensional object, it has a volume. So, for example, if the Universe is a sphere, its volume is $V = 4/3\pi r^3$. From this, we can derive the Universe's energy density as E/V or J/m^3 . This energy density can also be written as $J/f(d)$, where d is the distance between two points in the Universe.

So, over time, the Black Holes absorb all the matter in the Universe and drift farther apart. The black Hole completely absorbs all the matter, and the Black Holes start to evaporate. One by one, the Black Holes evaporate and disappear until only two are left. The matter left is concentrated within these last two Black Holes. The Universe consists of space-time produced by these last two Black Holes. Then, one of the two Black Holes evaporates and disappears. Matter still exists at one point, and space-time extends from the Black Hole. Space is filled with Hawking

radiation – virtual particles from all the evaporated Black Holes. Then, the last Black Hole disappears.

When the last Black Hole evaporates and matter no longer exists, there are no two points to measure. Therefore, distance (d) = 0, and space-time collapses instantaneously, drawing all the virtual particles into a singularity. The collapse of space-time on the 4th dimension causes the dimension to flex like a piece of wood falling into a pool of water; the reflex force from the 4th dimension drives the energy of the singularity above the energy threshold that creates pairs of particles, eliminating the need for harmonic addition and eliminating chance. Thus continues the Universe cycle.

REPRODUCTION

This effect of the field is where matter begins to reproduce itself. The hypotheses developed regarding the start of matter reproducing itself on Earth fall into two camps. It is proposed that life began on Earth in some sort of primordial soup or came to Earth from space - Panspermia. Wherever it started, life had to start somewhere after the Big Bang. The ability of matter to reproduce and evolve itself, in sympathy with an environment, indicates that matter is alive.

Scientific research into abiogenesis has produced interesting paths, such as the RNA world, and the experimental laboratory has produced a proliferation of self-replicating chemicals. The ability of a molecule of RNA to replicate is not a sign of life; it is believed to be an important first step. The other research path concerns the environment in which matter needs to reproduce. Protecell research has been experimenting with creating a protective barrier to

isolate its contents from the outside environment, a precursor to the development of cell membranes.

These promising endeavours, whether in some form of combination or not, may originate life in the laboratory and enable science to investigate the next phase. Once the conditions for the origination of life are established, the process of falsification can begin. This process will determine whether there is one Universal Common Ancestor or there may be more. However, after the conditions for the origination of life are discovered, the inquiring scientific mind will wonder why these groups of molecules become alive.

So, how could matter become “alive”? Let’s look at matter, especially at the quantum level. We know that $E=mc^2$ from Einstein and Plank gave us $E=h\nu$, where frequency is an energy function. It was in 1924 when Louis de Broglie, using Einstein’s and Plank’s equations, proposed that particles have associated bundles of waves; each wave packet has a frequency associated with it.

Now, we have energy at a frequency with matter. A fundamental principle of frequency is resonance; for example, a guitar string will vibrate when near a sound source that matches the string’s frequency. A radio will resonate with electromagnetic waves transmitted at a designated frequency, e.g., 96MHz, enabling the listener to listen to information. Television, cell phones, walkie-talkies, etc, employ the same principle.

Could it be that life is a resonance with the 4th dimension? Are the molecules of life present in DNA? Dolly the Sheep provides an answer to this question. Scientists cloned her by inserting a nucleus of a cell from one sheep’s body into the enucleated ovum of another sheep and implanted it into a surrogate mother. This procedure shows

that the nucleus of a cell, in this case, an ovum, does not die if the nucleus is removed.

But a cell is made up of more structures than a nucleus. There are the mitochondria, known as the powerhouse of the cell. A cell within a cell, the mitochondria have their DNA and microtubules and reproduce. Cells will die if the mitochondria are removed. This phenomenon opens the opportunity to discover the origin of life by reverse engineering mitochondria, as they are living cells and can exist outside the cells of an organism.

We started with the traditional perspective of God, a focal point to form a group with like-minded beliefs and a tradition to defend. The group's defence is sanctified, and what would be considered an offence to God is atoned by devout observance and worship. The belief that God is constantly watching and recording one's actions, culminating in judgement after one's death, is a device to instil fear of authority and obedience to it. This belief is a manipulation used by people to project power on others and give them reasons to prosecute actions against others with a clear conscience.

However, the existence of our Universe can be explained without a supernatural entity. What we experience is a natural extension of what we experience without the oversight of a vengeful and jealous deity.

There is nothing to fear.

The story has not finished.

2.

Life

What is the meaning of Life? The question is as old as people's ability to wonder. But in the past, they lacked enough information to form an explanation. Life's meaning has two components: purpose and intention.

According to Abrahamic religions, God has a purpose for your life. This belief is fundamental, but people have corrupted it to support their authoritative narrative. God is believed to have supreme authority and conveys His word through the Bible, and the purpose of a person's life is written in Genesis 1:28 KJV.

And God blessed them, and
God said unto them, Be
fruitful, and multiply, and
replenish the Earth, and
subdue it: and have
dominion over the fish of
the sea, and over the fowl
of the air, and over every
living thing that moveth
upon the Earth.

The authors of the Old Testament needed to include this passage because they believed their God was angry and vengeful. So, for people to hunt and fish for food, till the soil and grow crops, have children, and protect themselves, they needed permission and authority from God. Otherwise, they would be guilty of stealing His animals and destroying His lands—instigating His wrath.

It was with this perceived authority that Western Christian Culture conquered and dominated the world. When it was coupled with the message in the Book of Job, a barbaric and ruthless perspective emerged.

The first example of forced conversion to Christianity emerged in January 439, in the Theodosian Code, translated by Pharr, C, and Davidson, T. It states that pagans who do not get baptised into Christianity “shall be smitten first by divine vengeance and secondly by the retribution of Our initiative.”

This belief is a continuation of the precedent where people speaking on behalf of God are permitted to kill. It is changed because they believe it is their purpose to spread God’s word. This delusion has persisted throughout history, but it was given greater efficiency by the Pope and his anointment of monarchs. It was Charlemagne who, with the Pope’s blessing, brought Christianity to the pagan Germanic Tribes in Northern Europe. He did this with a series of wars against pagan tribes; Charlemagne gave the pagans the option of converting to Christianity or death. Europe became a Christian continent under the Papacy due to the coercion of Charlemagne, who believed that was his purpose.

The magnetic compass and firearms development in the 15th century enabled Europeans to conquer the Americas. The message from the Book of Job was that a person who maintains their faith in God, the stronger, the better, and maintains it through adversity will receive His blessing, and good fortune will follow. So, a person of the early 16th century who ventured into the newly discovered New World, after facing the trials and tribulations of a perilous journey, must have thought they were blessed by God when they received the riches of these new lands.

In September 1599, a group of merchants formed the East India Company, the precursor to the multinational corporation. In its charter was the plea to God for success:

256. “The names of such persons
as have written with their own
hands, to venture in the pretended
voyage to the East Indies (the
which it may please the Lord to
prosper), and the sums that they
will adventure, the xxii.

September 1599, viz.”—

"East Indies: September 1599," in *Calendar of State Papers Colonial, East Indies, China and Japan, Volume 2, 1513-1616*, ed. W Noel Sainsbury (London: Her Majesty's Stationery Office, 1864), 99-102. *British History Online*, accessed June 4, 2021, <http://www.british-history.ac.uk/cal-state-papers/colonial/east-indies-china-japan/vol2/pp99-102>.

This passage from the Articles of Association indicates the investors' beliefs in the late 16th century. The investors would have seen the financial success of this company as an endorsement by God to make profits, also coupled with the protection of a Royal Charter granted by Queen Elizabeth I – believed to have a divine mandate, a year later. It was God's purpose for Christians to make profits; as such, any impediment to making that profit would have God's blessing to destroy it.

There were East India Companies from most European countries, all vying for spices and other goods produced in the region from India to China. The two companies that were the most ruthless were from England and Holland. It would not be surprising to imagine that the indigenous population viewed these invaders as beasts from the sea when they started to impose their authority with the blessing of the crown heads of England and Holland.

The Dutch East India army slaughtered 2,800 Bandanese islanders and enslaved 1700 more in the Banda Islands to secure the monopoly of the nutmeg trade, ensuring very healthy profits. The English East India Company also engaged in warfare with the Mughal Empire in India; a dispute over negotiations caused Emperor Aurangzeb to withdraw, which made the Governor of the East India Company go to war.

Military intervention is not limited to European nations.

In the early 17th century, James I granted a royal charter to the London Company to colonise the east coast of the North American continent. The letters, titled *NOVA BRITANNIA: OFFERING MOST Excellent fruites(sic) by Planting IN VIRGINIA*, to Sir Thomas Smith of the Council of Virginia, London 1609, gives an insight into the beliefs of the colonists in the new colonies in Virginia. The author states that it's their "high and acceptable work" with God's blessing to bring His light to the savages, to extend His kingdom and extend the kingdom of the monarch James I. When the author says, "if the Lord loves us, he will bring our people to it, and will glue it us for a possession" this belief that any success is an indication of the blessing of God and should encourage the invaders to take more from the "savages". The invaders saw themselves primarily as evangelists, bringing the word of God to the "savages" and the success of their private ends as an endorsement from God. However, the colonists also believed that if the indigenous population were to resist or disturb the plantations, they would be seen as enemies of the Crown and would suffer severe repercussions.

A word of warning from the author of the letters is a timeless truth; it is the difficulty distinguishing between people who believe they are doing God's work and people

who appear to have similar intentions but are driven by self-interest. He writes, "But we must beware that under this pretence that bitter root of greedy gain is not so settled in our hearts, that being in a golden dream". This insightful warning shows that a belief that a person's thoughts and ideas are received from God and acting on those thoughts brings success, primarily monetary, is a recipe for delusion. This delusion will bring great harm. Historical events have shown this delusion has caused the suffering and death of multitudes of life forms. It is a genetic inheritance reinforced by the belief that the authority – God, condones their actions and has encouraged ignorant people to commit horrific acts.

This purpose for life mentioned in the Bible is merely an extension of people's desires from a past where, as Thomas Hobbes said, "life was hard, brutish and short". But it needn't be this way. Our purpose in life is in our future and the choices we make.

Here is a hypothesis: no one is above another, and everything forms an essential part of life's complex and elegant web. It is an extension of the interface between dimensions. We know 2nd-dimensional objects—shadows—exist because we see and feel them. But how would a 4th-dimensional object know a 3rd-dimensional object exists? We can start with what we know.

Let's look at a religious fact. In most religions, if not all, members have access to prayers. The authoritative narrative that prayers are a communication with God, for whatever reason, is veiled in this universal belief. If everyone believes the same thing, there must be something in it. There is, but it's not what you are led to believe.

The answer lies in consciousness. This fundamental consciousness gives rise to the existence of a "Universal Mind" and, to us, a key to why there is life. In the previous

chapter on God, consciousness was described as an effect in life forms from being on the 4th-dimensional field object. Passive life forms showed signs of consciousness while active life forms – sentient animals with a nervous system generated their consciousness, an image of the 4th-dimensional field object.

When we integrate fundamental consciousness into the Buddhist doctrine of 'Dependent Origination' in the *Paticca-samuppada-vibhanga Sutta*, a picture of reality reveals itself. There are twelve steps in Dependent Origination: ignorance, formations, consciousness, name and form, six sense media, contact, feeling, craving, clinging/sustenance, becoming, birth, aging, and death. You have probably noticed that consciousness appears to be the third effect/cause.

Each step causes the next step in the cycle of life, death, and rebirth. Now, applying Dependent Origination to the Ultimate Reality up to and including contact, we can form a picture. The remaining steps, feeling to death, are related to sentient beings.

The Ultimate Reality is in the beginning, and this Universal Mind is in ignorance, not knowing if anything exists. To relieve the frustration of ignorance, formations in the form of universes are created, where energy is transformed into matter. In the matter, there is evidence of consciousness from the Ultimate Reality, but ignorance is not satisfied.

Chemistry is now able to develop, and in time, the vibrations of the matter strike a resonance with the Ultimate Reality. The Holy Spirit is passed into the matter, and it begins to reproduce itself. Its name is Life, and through evolution, it takes many forms. Ignorance still is not satisfied.

The six senses of media can now develop: taste, smell, touch, hearing, sight, and thought. Taste and smell are the detection of odours. The detection of odours in chemical trails has been observed in the movement of bacteria. They move in the direction that follows the greatest concentration of chemicals they use for nutrients and change behaviour to a random search pattern when the nutrient trail ends.

When life evolved from a prokaryote cell to a eukaryote cell, it obtained the sense of touch. For example, the single-celled amoeba can use chemoreceptors to detect and locate food, a similar mechanism used by bacteria. Also, amoebas can detect and avoid sharp objects, toxic chemicals, and bright light and dark areas; they are attracted to negative electrical charges and repulsed by positive charges. Plants display this ability to sense touch, albeit a primitive sense, before developing a central nervous system. For example, the Venus flytrap needs two stimulations of its trigger hairs by its prey to cause the trap to shut. When stimulated by touch, warming, blowing or shaking, the “sensitive plant” *Mimosa Pudica* can rapidly fold its leaves.

Another indication that plants are aware of their environment is Nyctinasty, the ability of plants to open their flowers in the morning and close them in the evening. These primitive senses are a precursor to the senses humans have, as would be expected in an evolutionary system of species development. This leads us to the next phase of sense development—the central nervous system.

In the early stages of nervous system development are the Cnidaria phylum, which consists of jellyfish, hydra, and corals, to name a few. The Cnidarians first appeared earlier than 580 million years ago. The Biocyclopedia states that Cnidarians can detect vibrations of their prey in the water, which assists in their hunting and capturing; also, Cnidarians

can detect the vibrations of predators, enabling the animals to contract to protect vital parts. A study into *The Photodynamic Action of Light on Hydra* found that the animals reacted to coloured light; their reaction speed was inversely proportional to the light intensity, and they reacted quickest to blue light. A detection of vibration and its discernment indicates "hearing", and reaction to coloured light indicates "sight".

The last sense developed is the ability to think. This sense is our most precious ability, and as we are part of the Chordata phylum, it developed along the evolutionary timeline. We experience thought as part of the function of our brain, and a human's brain is the pinnacle of evolution on Earth. If we follow the path of evolution, we find that brains appeared in the Cambrian Age – 534 million years ago. Therefore, thought must have commenced sometime after that; we cannot know whether it is a phenomenon only experienced by humans or arises in animals.

What is thought? It is an electrochemical signalling process within the brain at its fundamental physical level. Also, the other senses use the same signalling process via the central nervous system. For example, these are evident in the behaviour of animals fleeing when prey detects the presence of a predator, either through sight, smell, or vibration. The input through the senses transmits to the brain, and then a command is sent to the muscles to operate, all through the central nervous system. The stimulation of the central nervous system through the senses as it contacts the external universe gives us a window to the purpose of life.

The central nervous system and its electrochemical signalling emit waves detected by Electroencephalography - EEG. These waves have frequency ranges in bands from less than 4Hz to 140Hz. The frequencies are electromagnetic

waves and are quantum fields. The frequencies in the Gamma band are between 32Hz and 140Hz, which are generated by the central nervous system and lie in the Super Low-Frequency band of the electromagnetic spectrum; any other natural sources do not generate this band. The Gamma band reflects the activity in the Somatosensory Cortex. The Somatosensory System consists of the sensory neurons in the skin, nose, mouth, ears, and eyes to the associated neurons deep in the central nervous system.

If we focus on Fig. 1b, we see in the bottom right-hand corner consciousness, where life and energy meet. We see the result is "feedback" to the Ultimate Truth. Therefore, the frequencies between 32Hz and 140Hz emitted by the central nervous system produce consciousness, and they generate interference in the fourth-dimensional field, which indicates Life, which indicates the third-dimensional objects.

So, to those who pray, your belief that God is listening to you is grounded in a fundamental principle, which is why you know it is right. However, the belief that a deity hears your prayers is based on a universal cultural belief. It is not entirely correct. The Universal Mind doesn't "hear" you, no matter how much praying you do; the Universal Mind knows Life is there because of Life's consciousness "hum". Thus, the Universal Mind is no longer ignorant, which is life's purpose. This purpose is automatic; people's desires and lusts are irrelevant, as they should be.

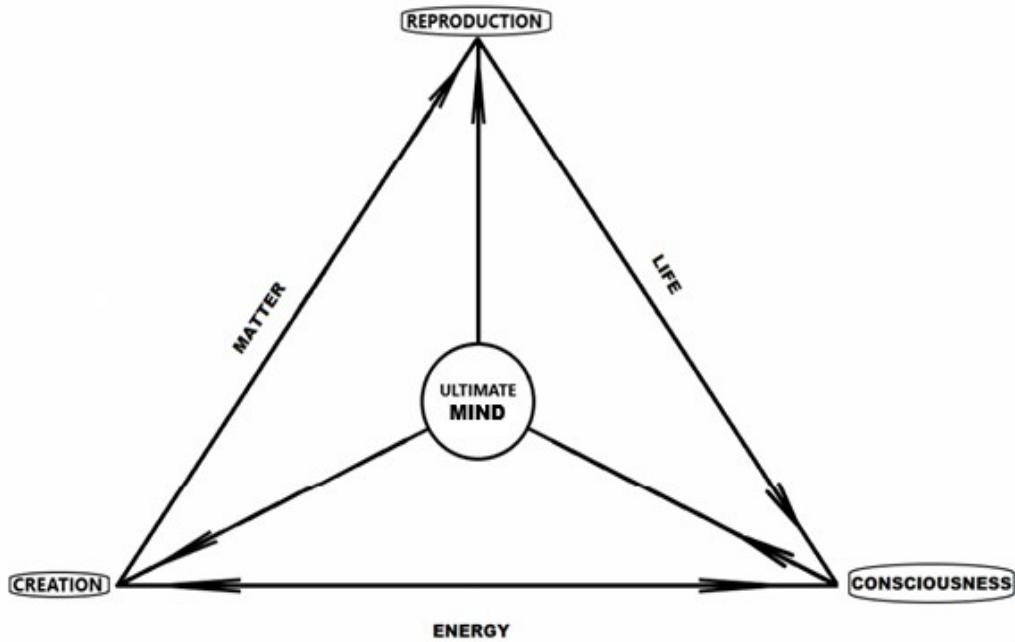


fig 1b.

Life intends to survive, and we have dominion over life, where we can preserve or destroy it. We must support Life's intention because Life intends to survive, and we are a life form. Therefore, we have the responsibility to preserve life and not destroy it. This responsibility should be part of our normal daily activity and not require any added stress. For example, a person or family should be able to contribute to preserving life when they buy products; they should not need to donate to a charity to preserve life, which promotes stress because people cannot fulfil their natural tendency toward altruism.

Improve the conditions where sentient beings live. It must be the sacred obligation of all to improve the conditions of life. Every living thing should live in an environment that enables it to flourish.

There has been a substantial shift in the population's mindset toward the right direction. There are heartwarming

examples on social media of people saving distressed animals, as evidenced by the number of views these types of videos attract. People are demonstrating an increasing abhorrence of animal abuse. Since the formation of the R.S.P.C. in 1824, there has been a dramatic increase in the number of organisations for the welfare of animals, signifying an expanding compassion for animals.

Remove conditions that cause people to "sin." The overall intention is to remove the causes of people being forced into animal instincts to survive—to sin.

Of the four sins, killing and stealing are crimes caused by our societal structure. For example, studies have shown a positive correlation between poverty and crime, debt and crime, and income inequality and crime. Generally, lying is not a crime, but it is still a symptom of an unwholesome society. These sins affect a person's next life; therefore, they must be the responsibility of a religion.

Our society depends on charitable donations to alleviate the scourge of poverty. Unfortunately, the vast majority of the population is unable to help because they are just making enough to make ends meet, denying them the positive effects that altruism bestows on the soul.

It is a religion's responsibility to develop the structure that enables a person's daily economic activity and aids in the abolishment of poverty.

It is a religion's responsibility to develop the structure to assist people in freeing themselves from the burden of debt.

It is the responsibility of religion to develop a structure to promote the equitable income of all people.

Religion has the responsibility to promote the development of the soul and the duty to preserve it so it

doesn't slip into a state that ensures its next life is a hellish one.

Unfortunately, some religions believe that atonement relieves the wrongdoers of their responsibility for their actions, whether it is a time of intense religious observance or, in the Christian religion, the sacrifice of Jesus. This belief is "Drinking the Kool-Aid" of the Abrahamic religions.

The emerging scientific field of epigenetics gives religion a window into how a person's actions and thoughts affect their soul. This insight will disclose the damage atonement does when a person seeks forgiveness and continues to "sin". Atonement is poison to the soul. The antidote is "The Way".

The Way described by Jesus Christ is the true method to ensure a person's next life is not a Hell. Not the method described by the Christian religion, which is a chimera of Judaism and paganism; using the belief that Jesus was a Jew gives the connection to Judaism and their god Yahweh, which has all the baggage linked with that god.

3.

The Word of God

“In the beginning was the Word, and the Word was with God, and the Word was God.” John 1:1 (KJV).

If you talk to a devout “Christian”, they will tell you that the Word of God is the scriptures of the Bible or even Jesus Christ. They quote the Epistle 2 Timothy 3:16, which says God inspires the scriptures. Another form of evidence that is relied upon is the archeological record.

Extensive archeological work has been undertaken in Israel, resulting in numerous examples of evidence that the Bible correctly recorded the people and places in the Levant. Therefore, the Bible is true because it corresponds with actual places and people that existed. Their assertion that the Bible is the Word of God is based on the coherent theory of truth that uses proven truths to give credence to believed truths. But can we, in all honesty, extend this evidence of places and people and associate them with events and, further still, to acts of God? Just because the Bible authors have recorded some historical facts does not prove that the words in the Bible are from God.

An argument that disputes the claim that the Bible is the Word of God is its inconsistencies. If God "dictated" the Bible, it would be free from inconsistencies, and He would have known about the heliocentric model of the solar system. Therefore, the Bible is not God's Word but the work of the Bronze Age people.

But the Bible is still inspired. Now, how can I make that statement after all I have said? I have flipped the lid on a

can of worms and will unravel the tangle to reveal the truth of John 1:1.

The first step is to cleave the Old Testament from the New Testament. Jesus Christ recognised that the Old Testament wasn't the Word of God. In his Sermon on the Mount, Jesus gives examples in Matthew 5. He allows us to untwine the Bible's narrative as being the Word of God and the part that the Holy Spirit inspires. The two parts are the Laws of Moses and the rest.

Jesus proclaims that he will fulfil the Law and prophets and quotes the Commandments that are the Law. They are the universal "DON'TS" of all religions. Don't kill, steal, lie, or commit adultery.

But let's look at the rest first.

In Matthew 5:38, Jesus says, "Ye have heard that it hath been said, an eye for an eye, and a tooth for a tooth:" When Jesus states, "Ye have heard that it hath been said," he is referring to Exodus 21:24. However, in Matthew 5:39, Jesus refutes this doctrine of revenge and tells us not to strike back.

Exodus 21:24 is supposed to be handed down from God, but Jesus refutes this. If Jesus validates the Commandments that God tells Moses, then it doesn't make sense that Jesus would refute Exodus 21:24 if it came from God. Therefore, Exodus 21:24 is the thoughts of a person and not the Word of God.

Let's look at another example. Matt 5:43, Ye have heard that it hath been said, Thou shalt love thy neighbour, and hate thine enemy. This quote comes in two parts: love thy neighbour is from Lev 19:18; however, hate thine enemy is not sourced from the Old Testament and must reference a belief circulating in the population. If Jesus mentioned it in his sermon, this indicated that "hate thine enemies" was

spread among the people as the Word of God. We can see that Jesus used these examples to show that the Old Testament is not the Word of God. So, why are the Laws of Moses different?

Why does Jesus confirm Moses's receiving the Ten Commandments through a burning bush not consumed by fire? Indeed, this is fiction, a literary exaggeration. No, it's not. Scientific training and similar experiences have allowed us to view this phenomenon differently.

It was the experiences of the eminent Canadian psychiatrist Richard Maurice Bucke, who was travelling home from a dinner party at a friend's home. In the spring of 1872, Maurice is in a hansom cab, and he experiences a vision and describes it as a cloud of fire. He realised it wasn't outside, London wasn't burning. He recognises it as a vision from his mind. This vision of fire closely resembles Moses' vision in the bush. To our good fortune, Bucke's objective scientific training assisted him in recognising this fact, and he also saw a change within his mind to an elevated understanding of the cosmos. After years of research, Bucke wrote *Cosmic Consciousness: A Study in the Evolution of the Human Mind*.

Bucke recognised that throughout history, Moses, Jesus, Muhammad, and others obtained an elevated level of consciousness. Moses' elevated consciousness enabled him to be inspired by the Word of God and write the Commandments. Bucke also concludes that the ability to achieve a higher state of consciousness is in all of us and is part of the evolution of the human species.

After the Laws of Moses, there is a distinct change in the latter books of the Old Testament, e.g., 1 Samuel, where God tells the Israelites to kill their enemies. This belief is the

precedent where religion and the state are brought into accordance.

Unfortunately, the Word of God is taught to be the actual text written in religious books. Another misconception is that God puts thoughts into people's minds. People accept this as the truth and find it helpful to quote it when they wish to exert authority, power, and control. I believe the misconception is created because of the word "Word" and is exploited by those who want to gain influence—the wolves of society.

So, what is the Word of God?

People can communicate in other ways besides reading, writing, speaking, listening, and thinking. For example, in many cultures, a nod of the head means yes, and a shake means no. Nothing is printed; nothing is said, but the message is understood. So, we can refine the meaning of the "Word" to mean communication—the Communication of God.

Let's look at another form of communication you probably wouldn't recognise as communication, but it does fall within the principle. It is the communication of emotion. It is an internal communication that gives pleasure or displeasure depending on the stimulus. For example, a person sees something that they find incredibly disgusting. Their automatic reaction is to recoil from that particular thing; no words, but the emotion is understood.

Our emotions result from our D.N.A. Love, for example, is at birth; an infant child's instinct is to love their parents. The mother removes the unpleasant feelings of hunger and replaces them with the pleasant feeling of being fed. The emotion of love is developed by associating that person with taking something unpleasant away and replacing it with something enjoyable.

Fear is another emotion; it is part of life's survival mechanism. Fear is not an automatic response; you are not fearful of everything you see, hear, or touch. But it is summoned from within by association. You are taught that something is to be feared by the actions of others—you see or hear of them being afraid of something.

Fear can be seen in animals of all types; you have probably witnessed it yourself when you see an animal scurry away when it senses you. It is an emotion passed along through evolution. Emotions are present in our brain's wiring because of D.N.A., and it takes a stimulus to one or more of our senses to excite them. Now, if we follow our D.N.A. lineage back to when matter first became alive, we will find that matter is made alive when it resonates with Ultimate Reality. This vibration is the Holy Spirit – the seed, and is at our most fundamental level of being; it is the source of our primary emotion. That primary emotion is The Word of God.

The search for the truth is the cornerstone of discovering the Word of God, John 16:24: "Hitherto have ye asked nothing in my name: ask, and ye shall receive, that your joy may be full". The joy emotion can generate a subtle sensation that is not sensed in some people, from a pleasant experience to exaltation, a feeling of well-being, and exhilaration. The "ask" is to question, not to beg for something. Critical thinking is the vehicle to find the truth, and the Word of God verifies finding it. So, when Moses wrote the Ten Commandments, the words were his thoughts, and the Word of God was his inspiration and confirmation.

Now, what sense do we have to stimulate to excite the seed? The seed is the Word of God. It is our thoughts; the first thought most people have that germinates the seed is when they hear "to let Jesus into their lives". The thought excites elation; this primary emotion is that the thought is an

important truth, and when you realise a fundamental truth – you experience the Word of God.

Where is the Word of God? It is part of your mind. The top layer is the conscious/ subconscious mind, which contains thoughts, ideas, decisions, and memory. Also, emotions like anger, fear, love, and sadness, to name a few, reside. The next layer is your unconscious mind. Carl Jung stated, “The collective unconscious contains the whole spiritual heritage of mankind’s evolution born anew in the brain structure of every individual.” Carl Jung, *Structure and Dynamics of The Psyche*, the place of dreams and the collective psyche. The deepest layer is the revelation layer, where the epiphany emotion is found; its divine manifestation is the Holy Spirit with the Word of God.

Of course, everyone is different. For example, when some people hear about letting Jesus into their lives and don't feel anything, this is natural. Jesus spoke of this in the parable of the sower; it is likened to the seed landing on hard ground. However, even the hardest ground can soften over time. The weeds and thorns are internal and external influences. They can be doubts about your worthiness to have these emotions. Other doubts are created when you are told that the Word of God is the Bible and the Holy Spirit is part of the Trinity, a supernatural person sitting to the left of God, something external to you. These are falsehoods manufactured by the Christian religion to isolate you from the true Holy Spirit.

So, why separate the Holy Spirit from us when it is part of us, as the New Testament states? In Matt 10:20, "For it is not ye that speak, but the Spirit of your Father which speaketh in you," and another perspective in John 14:17 "Even the Spirit of truth; whom the world cannot receive, because it seeth him not, neither knoweth him: but ye know him; for he dwelleth with you, and shall be in you." The

answer to this question is in the period between the Crucifixion and the First Council of Nicaea. In Matt 10:5-7, Jesus intended to save the people of Israel by introducing them to the Holy Spirit.

As more people began to find and experience the Holy Spirit, they began to question the authority of the King and their religion. The people could see the nexus between the state and religion and its eventual corruption, originating with Samuel and Saul. John the Baptist and Jesus separated religion from the state and criticised the ruling elite. Herod Antipas killed John the Baptist, and the crowd encouraged Pilate to kill Jesus. They followed the course of action used by a regime of authority, power, and control: eliminate the source and cut the head off.

However, knowledge of the Holy Spirit, what it is, and how to access it spread among the people. Instead of a religion of power, authority, and control, people could experience a religion of positive emotions associated with the real truth. This universal religion doesn't need mighty and symbolic buildings or elaborate rituals performed by "ordained" individuals to bring you closer to the Ultimate Truth; it is within you.

It's an individual's own experience. They will recognise it and know it because it is their Primary Emotion—the Word—and it comes from within.

Jesus Christ reinforced it with the message inside the words he spoke: the message the ones who could hear would hear, and those who could see would see. The key is understanding the underlying principle that unlocks the message and its difference from the perception of the Laws of Moses that is used by the people who desire power, authority, and control.

In John 3:1-7, Jesus talks to Nicodemus, the Head Pharisee, and he enlightens him that everyone needs to be born again before they can enter the Kingdom of God. Here, you can hear the Word of God. This advice means a person must develop Cosmic Consciousness.

4.

Being Born Again

A fundamental belief of Christians is that they must be born again to enter the Kingdom of Heaven. This is a truth. But because of the dogma and narrative of the Judeo-Christian religion, this truth has been shrouded in a veil of interpretation and feel-good messages that isolate a person from the Holy Spirit.

The common belief is that a Christian is born again when they experience a form of exaltation. The renowned evangelical pastor from the U.S.A., R. C. Sproul, preached this experience as evidence of his being born again. Many people reinforce similar experiences, which draws them to the Christian message. However, this belief proclaimed by Judeo-Christians needs to be approached cautiously; it is an important first step on the narrow path to being born again. It is not the destination.

Another prerequisite of being born again is that a person must have the mind of a child. The previous chapter discussed what the mind of a child means. The Judeo-Christian interpretation is that a person has the mind of a child when they obey authority, especially the scriptures. This belief is the narrative of authority, power, and control, which is NOT the path to the Word of God—Cosmic Consciousness.

Many parallels and similarities have been drawn between the teachings of Jesus Christ and the Buddha. The qualification for a Buddhist to enter heaven is called "Enter the Stream." Now, if the Christian qualification to enter heaven is to "Be Born Again," and the Buddhist qualification

to enter heaven is to "Enter the Stream," then they must have the same experience.

In John 3: 1-7, Jesus briefly explains to Nicodemus that he must be born of the Spirit. He is born of flesh, i.e. from his mother and needs to be born of the Spirit. As Nicodemus correctly observed, an older person cannot re-enter the womb. But you need to die to be reborn. You need to spiritually die before you can be reborn spiritually. It is this subtle but important distinction that the Judeo-Christian narrative cannot explain, as it is beyond the authority, power and control that is precious to those who adhere to that doctrine.

Here, I will explain what it means to "Be Born Again" and the spiritual practice that enables you to achieve it, as well as what you will experience when you are born again.

Let's start with the beginning of a great journey. We can get information from a guidebook and check its validity with those who have had first-hand experience. Originally written in the 8th century C.E., the *Bardo Thodol* – *The Tibetan Book of the Dead* has become a recognised source of information about what a person experiences after their final breath. At the end of the 20th century C.E., medical advancements enabled trained professionals to resuscitate those who had slipped into the first stage of death. These are called Near Death Experiences – NDE. Several scientific studies, for example, *Life After Life* by Raymond Moody and *Life at Death* by Kenneth Ring, examine people's experiences in this early stage of death. Below is a table to illustrate the similarities between the two sources.

Bardo Thodol – 8 th Century C.E.	After Death Scientific Research – NDE
the Body of Truth, the experience of which is the eternally blissful union of bliss awareness and transparent reality - voidness	The conscious experience of dying is heralded by a feeling of such peace and contentment that many respondents claim there is simply no way to describe it.
In the Out-of-Body Reality Clear Light, the deceased feels his consciousness emerge out of the body, but he does not recognise the situation, worrying instead, “Have I died or not?” He still feels as if he is connected with his loved ones. He hears their weeping, whose consciousness has emerged from his body, floating precariously around the room.	A common experience is a feeling of leaving the body. Although these accounts do vary, it is typical at this stage for the individual to find himself in the room looking down on his physical body. Most of those reporting this reported acute hearing and sharp but detached mental processes.
At this time when your mind and body are parting ways, pure reality manifests in subtle, dazzling visions, vividly experienced, shimmering like a mirage on the plains in autumn.	The appearance of light rarely hurts one's eyes but is, on the contrary, very restful, comforting and, apparently, of ineffable beauty. Visions of people once known.
Now, you have arrived at what is called "death." You are going from this world to the beyond.	The difference between the preceding stage and this one is between seeing the light and entering into a "world" where the light appears to have its origins.

In the reports of people who have experienced these experiences, many have expressed changes in their outlook

on religion. They had become more religious, but there was a move away from religious institutions. The respondents stated that their religiousness emanated from the inside. Some believed that they developed a "cosmic" sense of religion. This realisation is the bane of organised religion, true today as it was when Jesus Christ challenged the Sadducees and Pharisees of their time.

So, when Jesus says in Matt 3:15, "Suffer it to be so now: for thus it becometh us to fulfil all righteousness." This verse means that He is giving us an example for those who become truly without sin – to have the mind of a child. As John describes them, these sons of God are righteous and will experience the vision of the heavens opening and seeing the Holy Spirit. This vision is from your mind; you have accessed the source of the primary emotion, the Holy Spirit.

However, a careful understanding of the scriptures reveals that Jesus and Muhammad – Peace be upon him – experienced their vision after the age of thirty years old. Scientific research conducted by the epiCenter Group at Cambridge University found that the human mind continues developing until age thirty. A process of "synaptic pruning" occurs throughout the brain's developmental stage; this allows us to understand that the correct choices throughout a person's life will make it more likely to experience a vision of the Holy Spirit when the brain is fully developed.

Being born again is something that cannot be demanded or expected. It is ESSENTIAL to understand you DO NOT need to go through an NDE to be born again. It is accomplished by re-wiring the mind and practising purification until it reaches the stage where the Holy Spirit will appear. Also, you need to be able to access the mind deeply; the proper meditation technique will accomplish this.

Let's examine the evidence you can experience to support this endeavour.

When it is experienced, the Word of God is a feeling of bliss and encouragement. It is a confirmation that your thoughts are correct. Scientific research has proven that meditation benefits your health and relieves stress. These activities are needed to reach "being born again". Of course, a compassionate God would make these activities beneficial to encourage you to persist until the goal is achieved. Once you have reached the goal, you will change and realise that religious institutions are not for your spiritual well-being but are institutions for authority, power, and control. You will be free: free from the delusion of outside influences, the darkness of ignorance, and the freedom to continue meditating.

A short word on meditation: meditation is not just watching your breath and clearing your mind of thoughts as they arise. Mindfulness meditation is the first step, albeit an important one. If we look at meditation as a vehicle, mindfulness is like getting in the vehicle while it's still in the garage and starting the engine. However, the next step is to get the vehicle on the highway to heaven. This meditation technique requires training from a qualified instructor, usually an ordained Buddhist meditation teacher. This teacher will guide you through the techniques to enable you to travel to the destination – to be born again, enter the stream, or climb onto the free steps to heaven.

So, what are the signposts you will see on the narrow path?

A scientific method for verifying an experimental finding is peer review. In this method, scientists in the same field conduct similar experiments, and their findings match the original data, confirming the truth of the original finding.

A similar method can be used to explain the signposts on the path to being born again.

The first source is the Bible. The two signposts are Moses' fire vision in the bush and the dove in the heavens Jesus saw. The independent experience was documented in 1902 by the psychiatrist Richard Maurice Bucke. It was the same fire vision Moses had experienced. Another reference is the fire vision described in Acts 2:3 (KJV). Here, it is directly attributed to the Holy Spirit by the followers of Jesus' teachings - "The Way".

The dove will appear to those who have achieved spiritual purity. But, unlike the fire vision, the dove appears when the eyes are closed. It is a misunderstanding that has been spread by the Christian religion when interpreting Matthew 3:16 (KJV). When Jesus "went up straightway out of the water", it is an artist's impression that Jesus is walking up the river bank when He sees the dove. He sees the dove when He is lifted from under the water by John the Baptist because the vision appears in the mind. Meditation is the mode to achieve the vision of the Holy Spirit. You have reached the destination – you are "Born Again".

However, a meditator lives in a society and a culture. This contact with the outside world and its influence affect the effectiveness of a meditator's practice. Your daily life is the biggest barrier to achieving the destination. The next step is to understand SIN.

5.

Sin and Evil

What is sin? To answer that question, we need to examine the perspectives of sin through the lens of the major religious blocs. The focus is on the religions based on the Abrahamic tradition and those based on the Dharma.

The Abrahamic perspective of sin is a transgression of divine laws. Any committed sin is punishable; its judgment and sentence will be meted out after the perpetrator's death. The Dharmic religions see that a "sin" is part of a person's karmic history and determines their future life; there isn't a divine law. However, both blocs share a common list of DO NOTS. They DO NOT kill, lie, steal, or commit adultery.

The result of a life influenced by sin has the same outcome in both the religious blocs. If a person does sin, their future after death will be unpleasant. However, the blocs diverge in the application of these moral laws. In the Abrahamic religions, God is seen as the source of authority, power and control. Those who have chosen to represent His authority have presented a text to support their claim. His authority is communicated through the written word – The Old Testament. The application of the written text to those who refuse to accept it was to destroy those people. The justification for their actions is that they are doing God's work.

As a divine law, those ordained and administering His law on earth claim they have the authority. They develop the means to enforce their power to control those obeying God's laws. Using sin as a weapon of fear efficiently manipulates

the population. It is used to play upon the natural proclivity of people: the natural fear of death and the fear of the unknown. The ordained add the fear of a creator that inflicts people with horrendous punishment - forever. This threat gives those who lust for authority, power and control a Hegelian dialect.

It goes like this. Throughout people's lives, they are bombarded with the Christian message. This persistent onslaught creates a perception in those born into the culture. This perception affects people while living their daily lives; when they make a decision, it creates an action. Sometimes, these actions are deemed as sins, and the thought that God will judge and punish them after death torments the believers. A believer will seek someone to tell and confess to ease their tormented mind. The Christian message also reassures the believer that there is a way to be forgiven for your sins – Jesus was crucified for your sins. However, to access this atonement, the believer must express their devotion through attendance at church.

The clergy are now in a very powerful position. They can interpret Scripture and advise the sinner. They can also generate loopholes in the sins prescribed in the Scriptures, such as when a person kills another person. Under the church's interpretation, if a person kills another because they are defending the state, they believe it is regarded as a necessary act and is not a sin.

However, if we strip back the narrative of religious institutions and their sycophants, we can look at sin as a natural phenomenon and start to examine its cause. Once we understand its cause, a strategy can be developed to rid the human species of it. It is happening naturally. Examples are the movements to protect animals—originating with the

RSPCA—the environment, and other sentient beings. Our D.N.A. is slowly changing; all it needs is a catalyst.

In Biology, the scientific study of Phylogenetics has developed a theory that D.N.A. inherited from animal ancestors in our evolutionary past influences human behaviour. The report in Nature Ed.19758, *The phylogenetic roots of human lethal violence*, Gomez J.M. et al. state, "Consequently, it is widely acknowledged that evolution has also shaped human violence. From this perspective, violence can be seen as an adaptive strategy, favouring the perpetrator's reproductive success in terms of mates, status or resources".

If we view these traits in the light of "sins", we see that killing is common in the animal kingdom. A study by Mitani J. et al. *Lethal intergroup aggression leads to territorial expansion in wild chimpanzees*, stating that chimpanzees in the Gombe National Park made lethal attacks on a neighbouring group of chimps and seized their territory.

Another example of animal killing is zoological infanticide. Numerous species carry out this type of killing: lions, chimpanzees, chacma baboons, rats, sea otters, bears, bottlenose dolphins, hippopotami, and some birds, such as the white guillemot. Males engage in this behaviour because it encourages the female to breed again.

Then, there is the example of animals that kill for fun. However, there isn't evidence they derive pleasure from killing, and we cannot know that they experience that. The evidence given by Stuart C.T. in Mammalia No.4 1986 *The incidence of surplus killing by Panthera pardus and Felis caracal in Cape Province, South Africa*, is that on many occasions, leopards kill many prey animals and may drag one away, leaving the rest. Foxes are also predators that will kill

more than they eat. Then, why would an animal kill more than it needed if it created an unpleasant feeling?

Lying is another sin committed by animals. When we say lie, it attracts the definition “with intent to deceive”. According to Mitchell, R. W., and Thompson, N. S. (1986), *Deception, Perspectives on Human and Nonhuman Deceit*, animals have four levels of deceit: false markings, false behaviour, feigned injury, and verbal deception. The false markings are an evolutionary adaptation without mental processes and shall be ignored. However, the other three suggest an analysis of the animal's situation, and the animal decides to take a deceptive course of action.

Stealing is another sin animals commit. The renowned naturalist David Attenborough presented in the documentary *Seven Worlds, One Planet* a situation in which a childless, high-ranking macaque monkey took a baby from its lower-ranking mother and did not return it to the distressed parent. Another example you have possibly witnessed is an animal taking food from another if given the opportunity.

The sin of adultery needs to be viewed from a different perspective. Adultery is a concept of religion, and animals act with their instincts, which is the instinct to spread their genes far and wide. However, there are a number of species that are monogamous. These are the prairie vole, beaver, gibbon, swan, European turtle dove, penguin, and sea horse. Our evolutionary history has examples of those who desire multiple partners and those who are faithful to one.

After careful consideration, it appears that the actions of animals are actions of survival and the continuation of life itself – natural order. So, if sin is in the evolution of humans, why is it against God's law and the Dharma? It's not; it's a survival mechanism in times of crisis, which controls a person's decision-making, such as stealing food when hungry.

God's Law and the Dharma were ancient methods that conveyed the importance of these actions. Simply put, it creates an evolutionary advancement from the animals to a more divine nature; when a person acquires the divine nature, they qualify for a higher existence – heaven.

Evil, the Judeo-Christian religion would have you believe that people are naturally inclined to evil; this stems from the original sin of Adam and Eve disobeying God. However, as science has proven, humans and the earth are much older than 6000 years old; Adam and Eve didn't exist. Adam and Eve is an ancient allegory to explain the beginning of the human race. But this doesn't disprove that people are naturally inclined to be evil; all it does is disprove its origin. We must remove the religious veil and reveal its nature to understand evil.

Evil! What comes to mind when you see this word? The opposite of good is thoughts put into someone's mind by a demonic influence. Or is it part of our D.N.A.? We know it exists. Whether it's killing innocent people – in a gas chamber or firing missiles from a drone, it's still killing. But these are extreme examples. What about raping a person? Is that evil? A lot of people would agree that it is. But is it as evil as murdering 6 million innocent people? It appears that evil has different degrees of "badness". Would a rapist also be capable of a murder? There is a threshold that one person will not cross, but another does. The state's law courts base their penal system on differing degrees of badness. So, it is reasonable to speculate that if evil has degrees of badness, there must be an evil of the lowest order.

When we couple thresholds with the propensity to commit evil acts, it draws the logical conclusion that the number of people committing evil acts is lower at the most

evil act to the most people committing least evil acts – a pyramid of evil acts. It appears to be a rooted trait within the evolutionary tree. Let's give evil a recognisable likeness.

Jeremy Bentham identifies malevolence and power as sources of pleasure for people in *An Introduction to the Principles of Morals and Legislation*. It is here in malevolence, where people derive pleasure from the suffering of others that we find our lowest degree of evil. Have you laughed when you see a person trip up? If they are not hurt, did you find it humorous? Slapstick comedy exploits this insidious form of evil. It is difficult to believe it is evil when a vast majority of the population so openly accepts it.

Then there's the next level, a form of evil in which the instigator creates a situation in which the "victim" is expected to be humbled or made to feel foolish for the pleasure of the practical joker. Of course, if the prank goes awry and the victim is injured, the law may consider a threshold has been crossed, and the prankster is prosecuted. The German language has a word for taking pleasure from others' suffering—schadenfreude.

Moving up the scale is the act of killing, especially the "sports hunter". The shooter derives pleasure by having the power to end an animal's life and not suffer punishment, or they kill because it is permitted by law. People are capable of evil under the pretence of a lawful act permitted by an authority. For example, in the arena of war, besides the many stories of valour, courage and heroism, an evil act occasionally occurs by an ally who commits a heinous act upon the enemy or, worse - civilians.

The most evil acts occur when people believe that their actions are righteous. Blaise Pascal recognised this in *Pensées*: "Men never do evil so completely and cheerfully as when they do it from religious conviction."

Lying is another sin that creates pleasure in some people. The influential psychologist Paul Ekman identified the pleasure a person derives from duping another. He explains that a person takes great pleasure in taking control over another person and experiences contempt, excitement, and enjoyment while duping another person.

Sexual gratification: Often referred to as lust, it is an emotion that is part of an evolutionary process that is essential to the continuation of life. You may have experienced it yourself. In its mildest form, an involuntary response happens in your mind when you see an attractive person. There is an acknowledgement of their beauty; this can be weak or strong.

In some people, this causes a reaction that leads to thoughts of desire, especially sexual contact. It is coupled with the increased sexual motivation caused by hormones. Scientific research has determined that humans and other mammals share the same hormones: testosterone, estrogen, progesterone, oxytocin, and vasopressin. This research suggests that it is an evolutionary inheritance. This finding is another link to the animals, a natural condition. It becomes evil when associated with power and control.

It is St Augustine, a "Father of the Church" in his own words: "Yet I lusted to thieve, and did it, compelled by no hunger, nor poverty, but through a cloyedness of well-doing, and a pamperedness of iniquity. For I stole that, of which I had enough, and much better. Nor cared I to enjoy what I stole, but joyed in the theft and sin itself. (*The Confessions of St. Augustine.* pg.27). To commit sins without the need to do it for survival is an evil act; St Augustine recognised this fact in his statements of contrition.

6.

Karma

Karma is one of the most misunderstood concepts in Dharma. To put it simply, you are responsible for your actions. Before we can say what Karma is, we must understand what it is not. The typical Western understanding of Karma is the concept understood and taught by the Jains; as an Eastern religion, it was lumped in with the other Eastern religions. Buddha refutes the perception of Karma taught by the Jains, so you must revise the common perception of this most crucial concept. The teachings of the Buddha will give you the tools to be born again.

Let's start with the definition in the *Merriam-Webster Dictionary*. It says:

1. In Hinduism and Buddhism, the force generated by a person's actions perpetuates transmigration and, in its ethical consequences, determines the nature of the person's next existence.
2. Such a force is considered to affect the events of one's life.
3. A characteristic emanation, aura or spirit that infuses or vitalizes someone or something.

Belief number 3 means that someone or something gives off good or bad karma. For example, one may own a lucky Buddha and expect it to bring good luck. This belief is not karma.

Belief number 2 means "what goes around comes around," "do good and be rewarded, do bad and be punished," or "you reap what you sow," a definition popular with

Western culture. A misunderstanding is that retribution will follow a person from one life to the next and will be exacted on that person in some sort of cosmic payback. An extension to this is the notion of instant karma, where a punishment or reward occurs immediately after an action. This belief is not karma.

Belief number 1 is closest to the true meaning but is misunderstood. A person doesn't carry bad or good karma from one life to the next. The karma of the present life will determine the next life.

Let's unveil the truth about karma.

It is believed that a person's actions produce their karma. However, for a person to act, they need to conduct a thought process, decide, and then perform an action. Therefore, contrary to popular belief, their karma creates the action. The person experiences the result of the action, and the result influences their mental processes, which in turn affects their karma. Karma is a mental process.

In psychology, mental processes come from the interaction of nature and nurture. Your genetics is the foundation that supports your nature – your personality. Nurture is the influence that shapes your character. Genetics are also responsible for your other attributes. For example, how tall you are, how fast you run, and how smart you are. These are physical attributes and can be measured. Your height is easy – ruler; speed – watch; intelligence – I.Q. test. When all this data is collected and compared with the rest of the population, a distribution of results is observed. These statistics have a special form of continuum called the natural distribution – the bell curve.

We know that genetics is the foundation of our emotions. Therefore, the population should have a distribution that falls on the bell curve. For example, fear can

be considered on a continuum: at one end, phobias, and at the other, mild concern. Let's examine sins.

The propensity to kill: At one end are the good people who won't kill anything; at the other end are evil people who take great pleasure in killing. We all lie somewhere on this continuum.

The propensity to steal: On one end are the good people who won't steal anything; on the other are evil people who steal for thrill and pleasure. We all lie somewhere on this continuum.

The propensity to lie: At one end are the good people who don't lie; at the other are the evil people who lie and take pleasure in deceiving others. We all lie somewhere on this continuum.

The propensity to commit adultery: At one end are the good people who are faithful to their spouse; at the other end are the evil people who take pleasure from having sexual relations with others who are not their spouse. We all lie somewhere on this continuum.

Fear is a hardwired instinct, and the emotion must be triggered by a stimulus, such as a threat, that is either real or perceived. A threat is learned; this can happen through direct experience or observing an incident in which someone was injured. Also, fear can be instilled into someone by severe warnings from a person in authority. Fear is the primary emotion that drives survival.

According to psychologists, nature and nurture are major components of interest in the personality development of individuals. In the area of intelligence, Plomin and Spinath wrote in the article, "Intelligence: genetics, genes, and Genomics", found in the *Journal of Personality and Social Psychology*, 86(1), 112 stated that genetics was responsible for about 50% of a person's intelligence. The rest was due to

their environmental factors; for example, a person's quality of education and how stimulating their environment is significantly impacts their intelligence.

Our environment is filled with authorities, permeating our lives from birth to death. The first encounter we have with authority is usually with our parents. We learn early in life how authority symbolizes the relationship between obedience and reward or disobedience and punishment. As we age, we are exposed to the next level of authority – school. Here, we learn about the State and its authority over everyone. Also, some children learn about God and religion. They are taught that God has authority over everything.

There is one more aspect of authority that is quite insidious. Here, the person recognizes an aspect in the environment that attracts their personality. Let's say the person has a high propensity to kill. The State has two avenues to increase the likelihood of satisfying their desire; they can join the police or the military. Of course, these people join to protect something; it's just an occupational hazard that they have to kill to do it.

Then, we have the claimed authority of God. Some people have carried out horrendous crimes against other people under the delusion that God sanctifies their actions.

Another aspect of authority is adopted authority. Here, people believe their actions are permitted because they have witnessed others doing similar actions without punishment. An advertiser's tactic is to show people using their product to protect their fearful family from disease-ridden vermin. This message gives permission to kill and encourages the action to become second nature.

An important covert force in the environment is the media. The role of fictional television programs and movies is to influence the unsuspecting mind. People are led to

believe that actions, in certain circumstances, are acceptable. It can be seen in many examples where an actor playing a law enforcement officer kills a villain in the line of duty. The actor portrays the action as justified but does not affect his conscience; this type of portrayal harms the audience. A study of reasons people join the police force conducted by the Dolan Consulting group found that 28% of the police population joined because of the influence of fictitious movies and television programs.

The role of religion is another influence on the trusting mind. Its role is to assist the State by influencing the population's behaviour. On one side, the laws of the State closely align with the Commandments. However, when these Commandments are broken in the name of the State, for example, police kill lawfully, religion becomes less than straightforward in this regard.

Christianity's reference to the Old Testament and its distinction between killing and murder is an example of nullifying Jesus' teachings. Research into Christian interpretation of the difference between killing and murder will show an assortment of scripture quotes and academic translations. The Christians refer to passages in the Old Testament where it is claimed that God permits killing in the following circumstances: warfare, self-protection, protecting the innocent, and capital punishment.

The Hebrew definition of murder is the intentional, premeditated killing of another person with malice. If we unpack this definition, intention is a frame of mind; it invokes an action. So, if a person buys a gun to protect themselves, their family or their property, they intend to kill to protect. This action leads to premeditation; the person has already decided to kill if they are placed in a situation where they believe they need to kill. Malice is a desire to harm others, so

if a person intends to kill to protect themselves, they do so by harming their attacker; by definition, it is done with malice. In this example of karma, the person believes they have permission and are prepared to take action in a certain circumstance; this is not good karma and is not the path to being born again.

Let's look at war: the State and religion permit people to go to war to protect the State and its population. An interesting fact emerged from the Second World War when S.L.A. Marshall conducted confidential interviews with troops on the battlefield. The study's results were reported by Marshall in his book *Men Against Fire: The Problem of Command*; Marshall found that 80% of the combatants failed to fire on or fire over the heads of the enemy. This statistic goes against logical thought; if God and the State permit soldiers to kill, a person would expect a far higher number of soldiers who would kill.

So, what could they think or feel when preparing to fire? What could be overriding their training? It appears that the soldiers who have a low propensity to kill are reluctant, even repulsed by the action of killing. Their feeling of repulsion was so strong that they risked execution for failing to do their duty.

In his book, *On Killing: The Psychological Cost of Learning to Kill in War and Society*, Dave Grossman describes the changes made to the training and field positions of soldiers after Marshall's report. They found that by placing a soldier in a position where they feel more vulnerable, the soldier is more likely to kill because their impulse to survive overrides their repulsion to kill. This evidence shows that people can be forced to sin when their life is in jeopardy.

Capital punishment is an example of murder. The people who make the laws for the State have decided that a

person who has committed a grievous offence is to be killed by one of their agents. This permission to kill is traced back to the Bible, an imperfect book written by people who are using unverifiable evidence that permission is coming from God. The people who sentence and execute a criminal are murdering them. They may believe they are acting with the authority of the State, but in reality, they are acting under the direction of other people. People who accept these occupations do so with the knowledge that it is part of their duties; this will disqualify them from being born again.

A person has a propensity to kill and is permitted by others with the interpretation of a written text – the Holy Bible and laws – to kill at their discretion. The desire to protect their family and property is rooted in the survival instinct and is triggered by an event – the threat.

An important principle should be looked at to bring this into context. Jesus Christ states it. In Matthew 5:28, "But I say unto you, That whosoever looketh on a woman to lust after her hath committed adultery with her already in his heart." The gist of this passage is that if a person entertains a situation – lawful or not – as a possibility, then that person has sinned.

Other occupations that prevent their members from being born again cause death to other sentient beings. The unwholesome occupations are the manufacture and use of armaments, poisons, slaughterhouse workers and people who raise livestock for food.

Let's look at what some consider the lesser sins: stealing, lying, and adultery. The people who get pleasure from committing these sins will be attracted to messages that support their desires. A common situation is finding money; a coin is on the ground, and the instinct is to pick it up. A saying is taught to children: "Finders, keepers, losers,

weepers." People carry this belief throughout life; some get pleasure from finding money – something for nothing. This action is stealing, a crime in most jurisdictions called theft by finding.

Lying is the most prevalent sin. A report by Christian B. Miller, PhD in *Psychology Today*, has shown that 60% of the respondents didn't lie in the previous 24 hours; if people lied, it was between one and three. Of the 1646 total reported lies, half were told by just 5.3% of the respondents. United States President Donald Trump averaged 20 lies daily during his 2016-2020 presidential term. Miller's report mentions a study of lying in other cultures by Kim Serota; it found that the data skewed towards truth-telling. This finding means that people naturally tend to tell the truth, so when they lie, it is usually done in response to some trigger – for example, they tell a person they liked the gift when they didn't.

The Free Dictionary definition for adultery is the act of consensual sexual intercourse between a married person and a person other than the spouse. Everybody must understand this sin because of its relationship to our basic instinct, the need to propagate life. It is a sin that people will look for an excuse to break. This excuse caused the creation of more liberal denominations of Christian authority with watered-down meaning so it would attract people from a stricter authority. The most famous example is King Henry VIII, who created the Church of England, a reformation in England that was part of the broader Protestant Reformation. Henry wanted to divorce his first wife, Catherine of Aragon, but Pope Clement VII refused to annul their marriage. Henry, through an Act of Parliament, became the head of the Church of England. The new Church of England permitted divorce.

So, what does married mean? Marriage is a universal ceremony performed in nearly all of the world's religions;

also it is performed by atheists. Marriage is a legal bond, an expression of love framed in a society's traditions and expectations. It is seen as a sexual and economic union, the fundamental foundation of a family, which is presumed to be permanent. Although marriage is, in nearly all cultures, a union between a man and a woman, a more inclusive aspect of marriage is warranted. This definition is stripped of the prejudicial beliefs of individuals in a society. Marriage is the union of two consenting people.

Because marriage is universal across cultures and religions, it is necessary to strip away the societal, cultural, and religious traditions and reveal the core of marriage.

The core of a marriage is the Vow. However, the societal misunderstanding is the root of the problem. The newlyweds believe that when they give their Vow, they are making a promise to their loved one – and sometimes God. But, as the Church has recognized divorce, the promise to God has become impotent. This belief has effectively resulted in the Vow being just a promise to the loved one. It has been diminished to become a verbal contract, and as such, if one party breaks the terms of the contract, the contract becomes null and void in the other party's mind. They enter a downward spiral of lies, deceit and dishonour, sometimes culminating in adultery.

However, looking at the Vow differently, we can understand its true meaning. Standing before the marriage celebrant and the witnesses, a person makes their Vows. They are not making a promise to the other person; they are making a promise to themselves. They are making a promise to the deepest part of their mind – the Holy Spirit. They promise that whatever life throws at them, they will not break their sacred Vows. This restriction does not mean that a person should endure an abusive relationship. But, if they

leave and divorce, they are still pledged to their Vows. To hold this Vow elevates the human above the animal instinct. This adherence to the Vow is essential to be born again.

A person who decides to form a relationship with another and makes the relationship exclusive has a different obligation. Although a formal Vow has not been pledged, fidelity to the de facto partner is still an obligation. But upon separation, a single, never-before-married person can seek another suitable partner.

We have examined the ways people develop their karma. A person has a natural propensity to sin and seeks authority that sanctions their belief; its aim is to derive pleasure. This desire shifts the propensity to sin along the continuum away from the goal: to be born again. To be born again, a person must shift their propensity to sin toward the no-sin end of the continuum.

A technique to decrease a person's propensity to sin is to do the opposite action that increases their propensity to sin. Jesus Christ expressed this in Matthew 5:44, where Christ said, "Do not hate but love your enemies." In a day-to-day environment, you can practice this by not killing animals.

On a genetic level, the study of Epigenetics has shown that a genetic trait—the propensity to kill—can be turned up or down by actions. DNA methylation suppresses gene expression; if a person finds an action opposite to the sin, the natural genetic activity will lessen the desire to sin. A way to stop lying is to avoid the situation that will create the need to lie.

The scientific community studying epigenetics knows gene expression suppression can be passed from generation to generation. This discovery has created a phenomenal opportunity for the human race to move toward a more

compassionate and peaceful world, the next step in human evolution.

THE IMMORTAL SOUL AND THE MORTAL SOUL

According to the *Encyclopedia Britannica*, the belief that there is a Soul as part of a human's essence can be traced back to prehistoric times. Over the millennia, philosophers and theologians have reasoned, from their perspective, on the make-up and characteristics of a Soul. This reasoning has created a mosaic of mental pictures from different cultures and beliefs. Now, with the help of scientific discoveries, we can assemble a picture of the Soul from the truths of ancient beliefs and go on to provide a mechanism to explain reincarnation.

According to the Cambridge Dictionary, a Soul is "the spiritual part of a person that some people believe continues to exist in some form after their body has died, or the part of a person that is not physical and experiences deep feelings and emotions." This definition suggests that the Soul is a separate entity from the body and experiences our deep feelings and emotions. Where does the Soul come from if the Soul is separate from the body?

The Christian religion has three theories explaining the origin of the Soul: Pre-existence, Creationism, and Transducianism.

The theory of Preexistence, which has fallen out of favour, states that all Souls existed before Creation and are supposedly stored in the Soul Bank.

The theory of Creationism, which is the official teaching of the Roman Catholic Church, states that God creates a Soul as needed.

The Traducianism theory is a philosophical theory that Souls are created through the natural process of reproduction.

These three theories of the Soul's origin can be divided into two groups. One group is religious naturalism, and the other is religious dogmatism.

We start with Preexistence and Transducianism. We shall merge these theories with known scientific facts to produce a picture of the Immortal Soul and the Mortal Soul.

Let us start with the basic building block of a human – the cell. Each cell has two sets of D.N.A.: the D.N.A. in the mitochondria and the D.N.A. in the cell's nucleus. These sets of D.N.A. allow us to contemplate the divine and individual origins of the Soul. The early Christian theologians St Augustine and Thomas Aquinas spoke about the relationship of the Soul and the body. St Augustine said the Soul was the true person, and Thomas Aquinas adopted the Greek philosopher's belief that the Soul is the motivating principle independent of the body. This perspective is also shared with Eastern religions, the Hindu belief in the eternal Soul – the atman, and the individual self – the jiva-atman.

An essential part of every cell is the mitochondrial D.N.A., the powerhouse that enables the cell to live. Mitochondria are present in a mother's ovum and also attached to a father's sperm. When the cells unite, the father's mitochondria are excluded, and the mother's mitochondrial D.N.A. carries into the new zygote. It is a near certainty the father's mitochondrial D.N.A. is the same as the mother's mitochondrial D.N.A.; everyone's mitochondrial D.N.A. is

the same. It is a known fact that the mitochondrial D.N.A. traces back to a single source - "Mitochondrial Eve".

However, Mitochondrial Eve would have received her mitochondrial D.N.A. from her mother, and therefore, in her mitochondrial lineage, there would have been a mitochondrial Eve for her and so on. As the lineage goes back in time, it also travels back in species' evolutionary development until the bacterium that became mitochondria joined another bacterium in a symbiotic relationship and became the Eukaryotic Cell. Tracing back this evolutionary line of the mitochondrial D.N.A. allows us to theorise that the Immortal Soul we know as Life is a resonance of our mitochondrial D.N.A. with the Absolute Truth. The atman, the Divine Soul, is not an individual's gift from God. It is the universal vibration shared by all living things passed down the evolutionary line, the Immortal Soul that pre-existed before Creation.

Let's focus our attention on the D.N.A. that resides in a cell's nucleus. It is a combination of both parents' D.N.A. joined together at conception. This union is their personality and form. The Epicureans believed the Soul to be matter, but this is not untrue. Each one of us is the same and different at the same time. We all have the same general form: two legs, two arms, two eyes, and a nose, etc. Within these examples of form, there are variations: the length of the legs, the colour of the eyes and hair, and a combination of variations that make each person different. We know that our D.N.A. is responsible for our form, so it is easy to reason that there must be variations in the D.N.A. that make up our general form.

Another important part of us is our personality and mental capacity. Each person has a set of emotions, likes, and dislikes, a propensity to sin and an intensity of sensations

from stimuli. They also can learn, intelligence, memory and more. These are linked to the mind and are governed by a person's genes. This belief is the Traducian concept of the Soul. The D.N.A. in the nucleus is the individual's Mortal Soul that enables reincarnation into the next life, whether it is in heaven, hell, a person, or an animal. This Soul is not permanent or immortal; it is the Mortal Soul.

The religious dogma relies on the narrative of authority, power, and control; God has given you something, and you should be grateful to Him. If we remove this veil, it will uncover a truth that aligns with the other theories. The Roman Catholic Church teaches that the Immortal Soul is created by God and placed in a person on conception. But, it is corrupted by original sin. This belief is not untrue; the pure Immortal Soul is in the body. It is present in the mitochondria in the ovum that has been passed from mother to child and is pure until the ovum is impregnated, forming the nucleus of the cell with the genetic blueprint of the sinful person.

When a person dies, the body ceases to function. The Mortal Soul reincarnates into its next life, which already has its Immortal Soul.

8.

REINCARNATION

There is a lot of writing to support the belief in reincarnation. Predominately, it relies on the testimony of people who recall past lives. However accurate these recollections may be, they haven't explained how a soul moves from one life to the next. A previous chapter on karma discussed how a person's next life is determined by their actions and thoughts in their present life. This discussion is half of the equation; their karma is the qualification for their next life. A helpful metaphor is that a person qualifies from school for entry into a course of study in a college, and the other half of the equation is that they still have to travel to the college to attend. So, if a soul moves from one life to the next, how does it do it?

To answer this question, we would naturally assume that the soul is something that moves. That means it leaves someone and travels to someone or somewhere. This perspective implies that the soul is a separate entity. René Descartes, in 1649, meditated on the subject and claimed the soul connected with the body in the pineal gland. Experiments have been conducted to test the hypothesis that the soul is a separate entity. We know it is not matter. However, a soul could be some type of energy.

In 1905, Einstein published the *Annus Mirabilis Papers*; he introduced the diminishment of mass as a relationship to energy: $E = mc^2$. Two years after Einstein's paper, Duncan MacDougall conducted his famous experiment; the data from this experiment led him to believe

that a soul weighed 21 grams. Later experiments to verify MacDougall's findings failed, and peer reviews of his methods were critical. Our soul as a known type of energy is unlikely. So, if the soul is neither matter nor energy, we still have quantum entanglement to consider and why it is relevant.

Let's look at a brain process at its fundamental element. We will find the neural interaction, where one neuron fires another neuron via its axon to the other's dendrite through the synaptic connection. It is a long-held belief that this connection is a chemical one. The neuron releases a chemical transmitter across the synapse to excite the receptor neuron to an action potential.

However, the chemical action model is not the only method in the brain to excite receptor neurons. The other process is called quantum entanglement, which means two neurons can communicate without a synapse. Recent experiments by Dr Christian Matthias Kerskens et al., *Experimental indications of non-classical brain functions, Journal of Physics Communications (2022)* have added weight to the theory that the brain communicates using quantum entanglement.

It is known that quantum entanglement can operate over a distance, as far as across the universe, instantaneously. An experiment by Dr Jacobo Grinberg-Zylberbaum, a neurophysiologist, was conducted in the early 1990s to demonstrate the phenomenon of brains communicating over a distance. In this experiment, two people meditated to bring their minds into a similar state of consciousness. It is reported they meditated together for twenty minutes. Then, one person went to a separate room. One of the participants was exposed to random light flashes. These flashes had a very high intensity that was designed to shock. The other participant

was wired to an EEG and showed a similar shock response perfectly timed to the first participant's exposure. This phenomenon was observed to occur twenty-five per cent of the time, which is statistically significant.

How does this relate to a soul travelling to a new life? It is done the following way: We have the transmitter—the dying person. We need a receiver. We are looking for a time in the new life when a quantum entanglement between neurons can communicate, and after that, the opportunity is no longer available.

We know that the heart has two sites of nerve cells: the SA node and the AV node. The SA node is preceded by a small group of cells in the primordial heart. A study by Jia B. Z, Qi Y, et al., *A bioelectrical phase transition patterns the first vertebrate heartbeats*, <https://doi.org/10.1038/s41586-023-06561-z>, identifies this group of cells as the 'focus of initiation' that develops into the SA node in the heart.

So, let's start with the SA node and work back. This early development of the heart is the clue to the mechanics of reincarnation. The node consists of ion channels. These channels allow and restrict the flow of ions into the SA node. As more Ca^{2+} ions flow into the cell, it becomes more positive until it reaches a threshold and the node 'fires'. This increase in positivity causes the atrium to contract and force blood into the ventricle. This cycle is controlled by the SA node – the pacemaker.

The pacemaker's rate can change, making the heart beat faster or slower. The autonomic nervous system determines these changes. The sympathetic nervous system is the set of nerve cells that makes the heart run faster. This increase in heart rate is done by sending a signal to the SA node, opening the Ca^{2+} ion channels in the SA node, and letting more Ca^{2+} ions into the cells quicker than when the

heart is beating at its regular rate. Let's tie these observations together.

In the early developmental stages of the heart, Tyser, Miranda et al. reported in their paper that *Calcium handling precedes cardiac differentiation to initiate the first heartbeat in eLife 5:e17113*; they observed that when Ca^{2+} oscillations begin to occur, the initial oscillations are asynchronous; indicating a pre-beat state. A short time later, a state change was observed; the Ca^{2+} oscillations became synchronized, indicating a beat. These observations are of Ca^{2+} build-up and release in the muscle tissue of the newly developing heart. In their report, the experimenters assumed the change in state from asynchronous to synchronous was spontaneous.

The observations show that a heartbeat can begin on day 20 of an embryo's development. The report's conclusion also states that the mechanism that actuates the initial heartbeat is still unknown.

A later study by Jia B. Z, Qi Y, et al., *A bioelectrical phase transition patterns the first vertebrate heartbeats*, <https://doi.org/10.1038/s41586-023-06561-z> captures the transition from the asynchronous to the synchronized stage of the heartbeat. In the initial stages, Ca^{2+} ions transverse the individual cells in a sparse, irregular pattern. This observation indicates the normal transition of ions through the cell walls is random.

At the transition to a heartbeat, there is an abrupt calcium spike in the primordial heart, and the disorganized state becomes a synchronized unit. It starts in what Jia et al. call the focus of initiation, where it was observed that "the initiation of the heartbeat was a step change from sparse and slow single-cell transients to sharp, tissue-scale spikes that remained relatively stable in spatial extent and waveform

over the following hour of development". This small group of cells develops into the SA node of the heart – the pacemaker.

In a primordial heart, the autonomic nervous system has not yet developed and cannot cause the spike in Ca^{2+} ions in the "focus of initiation."

However, the Grinberg-Zylberbaum experiment showed the quantum entanglement of nervous systems in isolated people. Therefore, we may postulate that the dying mind sends a quantum impulse to the locus of initiation and opens the Ca^{2+} ion channels. This impulse causes the Ca^{2+} to spike simultaneously in the affected cells, causing them to synchronize and initiate the first heartbeat.

If a mind synchronizes a heart and considers the theory of evolution, we are faced with the following questions. Where was the mind that started the first heartbeat? Can an organism have a mind without a heart? What evidence is there that an organism like that exists or existed?

Let's consider a mind. According to Smart, J. J. C., "The Mind/Brain Identity Theory", the Stanford Encyclopedia of Philosophy, "The identity theory of mind holds that states and processes of the mind are identical to states and processes of the brain". We are told that the mind is a brain process, and a person's brain is a highly complex organ with some 86 billion neurons. It is doubtful that everyone has the same number of neurons. This difference provokes the question. What is the minimum size and complexity needed to generate a mind? We can look at the medical journal *The Lancet* (21/07/2007), where there is a report of a 44-year-old man who developed postnatal hydrocephalus 6 months after birth. This condition led to severe brain damage, and he had only developed 10% of a normal brain. Neuropsychological testing determined that he

had an IQ of 75. With this reduced brain capacity, he still possessed a mind.

The European view of mind, which originated from René Descartes, saw animals as not having a mind. However, Charles Darwin wrote in *The Expression of Emotions in Man and Animals* that animals possess a mind. We know an animal's brain can be much smaller than a human's and still have a mind. A fundamental process of the mind is to make a decision. Although it is impossible to know what goes on in the mind of an animal, we can look for reactions to stimuli that indicate a decision has been made, which is a fundamental capacity of the mind.

Here, we can introduce the candidate who initiated the first heartbeat. First, the criteria that make a likely candidate must exist before the first heart evolved must be able to multiply minds and exhibit a decision-making process.

According to the fossil record, the first primitive heart appeared in the Cambrian Period about 500 million years ago. A genus does appear in the Ediacaran Period from about 630 million years ago to the start of the Cambrian Period. The candidate is found in the Cnidaria phylum. It has a nerve net, but it doesn't have a heart. An example of the existing genus is the *Hydra*, one of the scientists' most studied organisms.

The *Hydra* demonstrates a primitive decision-making process when it can differentiate between vibrations made by prey and predators. When prey makes their vibrations, the *Hydra* moves toward the source and attempts to catch its victim. When a predator makes vibrations, the *Hydra* retracts into a small sphere.

A critical attribute needed is the multiplication of minds. A single mind starts a single heart. So, each time the

“animal” reproduces, it generates a new mind and starts a new series of reincarnations.

We have seen how science has given us a mechanism to picture reincarnation and determine its origin. But, we still need to choose which life to go to.

This part deals with what happens after you pass the Light. Is the selection of a new heart a random event? No. In the final dream, you are given a choice of potential candidates. The candidate you choose depends on your frame of mind at the time. If you have realized that you are dead and in a panic, you will grab the first opportunity that comes along. If you have led a good life and know what to expect, you can wait and choose a better life. If you have been born again and entered the stream, you will be offered a life in Heaven or as a human, and you will resurrect; you will be able to make the choice.

After their last heartbeat, a person starts the process of death, and the description of this process is in the *Tibetan Book of the Dead*. The early stage of death in the book’s description, up to entering the Light, is supported by research into near-death Experiences. Although many people have reported an out-of-body experience, the *Tibetan Book of the Dead* states that all they see is in their minds. It is part of the “dream”—the last dream while the brain dies.

The activity in the brain during the last dream is the last instance of consciousness generated by the dying person. The dying person will experience a series of lights that appear in pairs: a bright light of one colour and a faint light of another. Each pair is to either a heaven or a rebirth. However, the person’s karma will determine the Light that attracts them. As in most dreams, the person is a passenger who observes the dream as it passes and can experience emotions such as fear. But you can’t wake up; you must keep going.

The people returning from a Near Death Experience have reported seeing a bright White Light. Some of the people reported seeing smoke at the same time. This vision is the Heaven and hell choice. Those who are not Born Again will fear the Bright White Light, and if their mind is filled with intense hatred, their fears and hatred will drive them to hide in the smoke – the path to Hell. But this is not the only choice; many will move on.

According to the Tibetan Book of the Dead, the next vision is a Bright Yellow Light and a Soft Blue Light. If a person's mind has strong feelings of pride, they are attracted to the soft blue Light and are reborn as humans.

The next vision is a Bright Red Light and a Soft Yellow Light. Here is the warning for those who lust after money and possessions. This vision is the place Jesus was talking about when He said a rich man's chances of going to Heaven are the same as a camel passing through the eye of a needle. Remember, Jesus didn't say that the rich man would go to Hell; it was an interpretation by the Christian Church where that belief originated. So, where will they go? They become hungry ghosts.

The next vision is a Bright Green Light and a Soft Red Light. This vision affects minds that are filled with jealousy. The soft red Light leads to the life of a Titan. This vision is a life of permanent war and fighting, a life of being reborn again and again and dying a violent death over and over.

The last vision combines all the bright lights into a Bright Rainbow Light with a Soft Green Light. A mind possessed by delusion is attracted to the soft green Light. This delusion results from karma developed by listening to the voices reinforcing feelings generated from our D.N.A.'s evolutionary inheritance. Most people experience this vision,

leading to rebirth as an animal, a life of living in the brutal elements and the ever-present danger of being prey to vicious predators.

The Dream After Death is a series of Bright and Soft Lights pairs. The Bright Lights lead to a heaven called Pure Lands. The Soft Lights lead to rebirth and the cycle of birth and death. The aim of a recently deceased person should be to choose the Bright White Light of Heaven or at least the Soft Blue Light of the human realm. As soon as a person is absorbed into the soft blue Light, they will see in their dream the image of two people coupled in an intimate embrace. This vision is the image represents a heart that is ready to be synchronized. Is this a random image? No.

In the Grinberg-Zylberbaum experiment, two minds are in a similar state of consciousness. The images produced in the final dream are generated by the person's failing consciousness in their mind. The mind is the result of the brain's configuration due to D.N.A. at birth and changes in genetic expression due to lifelong exposure to its environment.

The D.N.A. in the newly formed heart's locus of initiation is starting to generate consciousness. As the state of consciousness needs to be the same, it stands to reason that the resultant D.N.A. in the dying person matches the D.N.A. in the newly formed heart. So, a person's old Non-Soul is lost, and the person's new Non-Soul is activated through quantum entanglement.

Choosing a heart should not be done hastily. This heart must be avoided if there is a feeling of attraction or aversion to an image. It is better to meld into an image with neither attraction nor aversion – equanimity.

Reincarnation takes time, from hours to days. This time leaves our Non-Soul in a very vulnerable situation, and the Trinity Tests exposed this vulnerability.

After completing the Trinity Tests, Dr J. Robert Oppenheimer quoted the *Gita* and said, “Now I am become Death, the destroyer of worlds.” His sentiments weren’t far from the truth. An atomic bomb is the Destroyer of Non-Souls. How is this possible?

It starts with understanding the very first experiences after a person dies. Several people reported to Kenneth Ring in his study into Near Death Experiences that they felt a sense of peace and elation just after dying. This feeling corresponds with a description in the Tibetan Book of the Dead. The first feeling is an opportunity to choose Nirvana, a choice that will end the life-death cycle. This feeling is so subtle that most people miss it, and they move toward the next stage, the Bright White Light.

In the short amount of time just after death, a person is most vulnerable to losing their Non-Soul. This is when Nirvana is forced upon a person. Nirvana is translated to mean “to snuff out.” It is the time when, in a nuclear blast, a person is vapourised and is not given the opportunity to reincarnate. That person’s Non-Soul is lost. They become extinct.

Non-soul extinction means that going to Heaven does not happen. All future lives are forfeited. Your entire future is stolen from you. Total obliteration of your Non-Soul, you end.

Therefore, eradicating all nuclear devices is the Holy Grail of this religion and the true altruistic purpose of every compassionate person.