

Chapter 1

The Porphyrions and the Quantal Civilisation

The global warming and low level of EMF pollution induces the enzyme heme oxygenase (HO1). HO1 converts heme to bilirubin and biliverdin. This leads to a heme deficiency state and stimulation of ALA synthase the rate limiting enzyme of porphyrin synthesis. The body metabolism gets channelled as a whole to porphyrin synthesis. The deficiency of heme results in cytochrome C oxidase dysfunction and mitochondrial dysfunction. Porphyrin photooxidation generated free radicals induce HIF alpha and glycolysis. This leads onto the accumulation of pyruvate which enters the GABA shunt pathway generating succinyl CoA and glycine, the substrates for porphyrin synthesis.

The porphyrin arrays which can function as a supramolecular organism the self replicatory features. Porphyrin arrays can form templates on which other porphyrin arrays can form. Such self replicatory supramolecular porphyrin arrays can be called as porphyrions. The stress of global warming converts the body into a porphyrion colony or network.

The global warming and low level of EMF pollution related endosymbiotic archaeal growth due to induction of porphyrin synthesis and formation of nanoarchaea on porphyrin templates leads to neanderthalisation of human population as a symbiotic process. The porphyrins can perceive low level of EMF producing prefrontal cortex atrophy and cerebellar hypertrophy. This results in alteration in brain function and structure as well as cognition. Thus stress induced HO1 induction due to global warming, ice age phenomena or low level of EMF pollution leads to neanderthalisation of the human brain, metabolonomics and body.

The porphyrins have got macroscopic wave particle existence. The porphyrins have also magnetic properties because of the iron centre. The porphyrin arrays can exist as quantal wave arrays as part of quantal form functioning as quantal computers capable of information storage and self replication. This could be a form of quantal life. The human consciousness

depends upon three factors: perceptual synchronisation, focused attention and working memory. Gravitational waves could form the basis of consciousness. Similarly, the human unconscious could be structured by antigravity.

Studies on normal conscious individuals, comatose patients and disorders of consciousness like schizophrenia and autism show changes in cerebrospinal fluid porphyrin levels. Porphyrions can modulate conscious perception. Porphyrions can grow in extremes of temperature, space and hypergravity situation.¹⁻³ This led to the plausibility of gravity sensing brain porphyrions mediating consciousness and also consciousness as a feature of gravitational forces. Gravity extends as gravitational waves made up of possible gravitons throughout the universe.⁴ Gravitational waves can form pressure waves which can create gravitational sounds. These thought sounds can undergo soni-luminescence creating photons and electromagnetic radiation the basis of the world of matter. This can lead onto the generation of tetrapyrrole rings from gravitational fields generating porphyrin arrays in-situ. This is exemplified by the religious symbols of lotus of brahma and swastika.

Conscious perception involves three factors - perceptual synchronization, focused attention mediated by the reticular thalamic nucleus and the thalamo-cortico-thalamic reticular reverberatory circuit.⁵ These structures are modulated by gravity as demonstrated by the classical pyramidal syndrome where the tone is more in the anti-gravity groups of muscles. Gravitational attraction by its nature can modulate perceptual binding and focused attention.⁶ Gravitation can also mediate working memory involving a fraction of a second structured in the reticular - thalamo-cortico-thalamic - reticular reverberatory circuit formation. The reticular formation can be considered as a primitive archaeal colony network of hypergravity sensing archaea of possible exobiologic origin.⁷ Gravity can thus function as a thought field permeating the whole universe as gravitational waves made up of possible gravitons which are

massless particles travelling at the speed of light. The gravitational waves form the sub-quantal field from which quarks, fermions, bosons, electrons, neutrons, positrons and photons can pop up as particles from their waveforms embedded in the sea of gravitational waves with possible gravitons of the thought field functioning as the ubiquitous observer. Thus the thought field of gravity and the matter is unified. Thought underlies the world of matter.⁸

Consciousness depends on three parameters - working memory, perceptual synchronization and focused attention.⁵ This theory was put forward by Crick who localized consciousness into the reticular - thalamo-cortico-thalamic - reticular pathway. Gravity would form the basis of consciousness. Perceptual synchronisation and focused attention would depend upon gravitational attraction which are ideal forces to create these two phenomena. This also would create a form of working memory in the flow of nerve impulses in the reticular - thalamo-cortico-thalamic - reticular reverberatory circuit. The brain functions as a quantum computer and we sense the multitudinal quantal possibilities in the world. The dipolar archaeal magnetite in the setting of endogenous digoxin induced membrane sodium potassium ATPase inhibition can create a pumped phonon system mediating quantal perception. When one of the possibilities reaches one graviton criteria it reaches conscious perception. Gravity thus can be considered as a thought field or consciousness field permeating throughout the whole universe. Gravitational waves can form pressure waves which can create gravitational sounds. These thought sounds can undergo soni-luminescence creating photons and electromagnetic radiation the basis of the world of matter. Soni-luminescence can create matter out of gravitational sounds. Thus the thought field can create the matter. Mind and matter can be unified.

Gravity is a vector force that has magnitude and direction at each point of space. Gravity loading is directed towards the centre of the earth. The theory of

gravity says that every object in the universe attracts every other object with a force proportional to its mass. Gravitational force exists throughout the universe and is formed of gravitational waves. The gravitational waves are made up of possible particles called gravitons and travels with the speed of light. Gravity plays an important role in the creation of the universe as described by Stephen Hawking.⁴ Hawking postulated that if the total energy of the universe must always remain zero and it costs energy to create a body the whole universe cannot be created out of nothing. That is why there should be a law like gravity. Because gravity is attractive gravitational energy is negative. One has to do work to separate gravitationally bound systems like earth and moon. This negative energy can balance the positivity energy needed to create matter. On the scale of the entire universe the positive energy of matter can be balanced by negative gravitational energy and so there is no restriction on the creation of the whole universe. Gravity is described by Hawking as a curvature in space-time. Le Sage in his theory of gravity describes it as gravitational waves formed of *ultima munda* corpuscles which impinge on matter and penetrate it.⁶ Matter shields each other against gravity producing an attraction force. Gravitational waves and particles penetrate all matter and interact with the sub-atomic particles. Quantum gravitational waves is possibly the sub-quantal potential of Bohm from which all the particles like electron, neutrons, positrons come out and go as pertubations. The mass of a particle depends upon its interaction with the Higgs field and exchange of Bosons with it. Gravitons are a form of Bosons with reverse spin. They can be considered as extending throughout the universe and are mass less. Gravity and light travel with the same speed as thought. Gravity can form the basis of human thought. Human thought fields according to Bohm underlies the sub-quantal potential from which all particles emanate.⁸

The gravitational waves or thought fields are structured in the brain by the reticular formation porphyrion network. The gravitational waves can thus function as a thought field or sub-quantal field on which the particles like neutrons, electrons, bosons, quarks, fermions can pop in and out from waves to particles. The thought field of gravity functions as the universal observer and brings the particulate world of matter into existence. Gravitational waves can form pressure waves which can create gravitational sounds. These thought sounds can undergo soni-luminescence creating photons and electromagnetic radiation the basis of the world of matter. Thus the thought field of gravity and the matter is unified. Thought underlies the world of matter.⁸

The cerebellum is the site of the unconscious brain. Cerebellum is concerned with automatic acts. Robotic behaviour as seen in autism is localized to cerebellum. The cerebellum is concerned with extrasensory perception, magical acts, poltergeist phenomena and spiritual acts. The cerebellum can be described as the part of the collective unconscious. Cerebellar lesions also manifest with motor phenomenon. Lesions of the cerebellum manifest with axial and appendicular ataxia. This gives a sense of antigravity feeling. Cerebellum is concerned with the tone of the antigravity muscles. The antigravity fields and waves are sensed by the cerebellum. Cerebellar lesions manifest with cognitive dysfunction described as the cerebellar cognitive affective disorder. Cerebellar dysfunction is described in autism and schizophrenia. Studies on normal conscious individuals and disorders of consciousness like schizophrenia and autism show changes in cerebrospinal fluid porphyrin levels. Porphyrions can modulate conscious perception. Porphyrions are extremophiles and can grow in extremes of temperature, space and antigravity situation.¹⁻³ This led to the plausibility of antigravity wave sensing brain porphyrions mediating the functions of the unconscious brain.

Dark matter and dark energy is the repulsive antigravity force that permeates the entire universe opposing gravity. It is responsible for the missing mass of the universe and constitutes 70 percent of the mass of the universe. It is responsible for the expansion of the universe. Antigravity exists as possible antigravity waves. This forms part of quantum vacuum where matter and antimatter particles and gravity and antigravity particles meet and annihilate each other. This gives rise to the phenomenon of zero point energy or vacuum energy which drives the creation of the universe.

Just as gravity forms the conscious mind antigravity forms the unconscious mind pervading the universe as a whole. All forms of the universe are sustained by dark energy which can be called as prana, chi and ki. The dark energy permeates both animate and inanimate objects. When the dark energy recedes from an organ it loses its function. The dark energy is the cause of the function of the body and mind. At death the dark energy leaves the body and mixes with that of the universe. Our growth as a human body is against gravity and is an antigravity phenomenon. Levitation is also an antigravity phenomenon. The antigravity or dark energy or dark matter exists as antigravity waves. This forms the unconscious mind.

The cerebellum is concerned with motor programming and memory and robotic acts which do not reach conscious function. The cerebellum is concerned with cognition. The cerebellum plays a role in unconscious motor acts, extrasensory perception and quantum perception. The prefrontal cortex is concerned with executive memory, logic, reasoning and judgment. Thus the reticular formation forms the bridge between the conscious and unconscious parts of the brain. Reticular formation is a primitive neural network. The dendrites and axons forming the bridges of the neural network can be compared to a network of porphyrins. The brain reticular formation can be compared to a primitive porphyrion colony network inhabiting the CNS from one end to other.

The porphyrons being extremophiles would have evolved in the outer space in hypergravity situations and reached the earth by meteoric impacts producing the seeding of life on earth. The reticular formation and its connections form the basis of gravitational action in the brain.

Porphyrons can grow in hypergravity and antigravity and are extremophiles.^{2,3} Gravity may thus involved in bacterial panspermia and exobiology with porphyrons as the prime example.³ Studies on effects of low gravity in space show drastic effects in human brain. Nerve cells need gravity to grow and function properly. The lack of gravity affects neuronal migration and produces microcephaly. The dendritic tree in the absence of gravity looks like as if it has been stripped off all branches. Gravity structures the brain. Gravity can modulate the pyramidal and extrapyramidal syndrome. Rigidity is more in the muscles acting on gravity. Gravity can modulate cerebellar hypotonia. Gravity can also affect conscious perception. The syndrome of G-LOC is described in fighter pilots exposed to high gravity field chambers. They have features of near-death experience with godly visions, meeting dead relatives, seeing hallucinatory lights and tunnelling effect.

Cortical and cerebellar lesions produce different clinical signs. Cortical lesions lead to spasticity and antigravity effects. Cerebral cortex is the basis of conscious perception. When the cerebral cortex is damaged antigravity effects take over. An antigravity force opposed to gravity in the universe has been described. Cerebellar lesions lead onto hypotonia, ataxia and a levitationary effect which can be considered as antigravity. Gravity structures the brain and can be considered to be a thought field which forms the basis of consciousness and creation of matter. Gravitational waves unite mind and matter and form the substratum of it. Gravity and light travel with the same speed as thought. Gravity can form the basis of human thought. Human thought fields according to Bohm underlies the sub-quantal potential from which all particles emanate.⁸

Thought fields include gravitational waves which form consciousness and anti-gravitational waves which forms the unconscious brain.

The unconscious mind is localized in the cerebellum and brain stem. The cerebellum has got a cognitive function and disorders of cerebellum presents as cerebellar cognitive affective disorder. The cerebellar motor disorder presents as ataxia and has got an antigravity component. The cerebellum modulates the tone of the antigravity muscles. The cerebellum is responsible for learned motor programmes, robotic acts, magical acts, hypnotism, the paranormal, extrasensory perception and is involved in autism and schizophrenia. The cerebellum is the site for antigravity or dark energy localization in the brain. It is the site of the unconscious mind or the collective unconscious. This is in comparison to the cerebral cortex which is the site of conscious perception and localization of gravitational forces. Anatomical, physiological and functional neuroimaging studies suggest that the cerebellum participates in the organization of higher order function. Behavioural changes were present in patients with lesions involving the posterior lobe of the cerebellum and the vermis. These changes were characterized by impairment in executive functions, working memory, spatial cognition, affective behaviour and language deficits. This is called the cerebellar cognitive affective disorders and is characterized by changes in the function of the unconscious brain.⁸

Porphyrons are extremophiles and can grow in extremes of temperature, space and hypergravity and antigravity situation.¹ Actinides have a role in abiogenesis.² This led to the plausibility of antigravity and hypergravity sensing brain porphyrons mediating consciousness and the unconscious brain. The porphyrons in the cerebellum can sense dark energy and dark matter just as it perceives gravity. This led to the possibility of exobiologic porphyrons which are paleospermic in origin contributing to the evolution of life on earth including homo sapien brain.³

The gravitational and anti-gravitational waves or thought fields are structured in the brain by the reticular formation porphyrion network. The anti-gravitational waves can be thought of as the collective unconscious. The gravitational waves can thus function as a thought field or sub-quantal field on which the particles like neutrons, electrons, bosons, quarks, fermions can pop in and out from waves to particles. The thought field of gravity functions as the universal observer and brings the particulate world of matter into existence. Gravitational waves can form pressure waves which can create gravitational sounds. These thought sounds can undergo soni-luminescence creating photons and electromagnetic radiation the basis of the world of matter. Thus the thought field of gravity and the matter is unified. Thought conscious and unconscious underlies the world of matter.⁹

The porphyrions or supramolecular porphyrin arrays can exist as a wave quantal computer in the gravitational field with the graviton acting as logic gate and as the ubiquitous observer. The porphyrin arrays as wave forms exist as quantal superpositions and the graviton chooses one of the superpositions to macroscopic existence. The porphyrin supramolecular organism arises from the sea of gravitational waves which acts as the conscious mind and the graviton acting as the conscious observer.

The global warming results in channelling of metabolism to porphyrin synthesis by induction of HO1 activity. The human body gets converted into a colony of porphyrions which have a wave particle existence. The human body in its porphyrions incarnation especially in its wave form can disappear from existence. The human populations by this mechanism can get converted into a civilisation in the quantal world and live in multiple parallel universes for eternity. The quantal wave form of porphyrions by the mechanism of observation by gravitons of the conscious gravitational fields can come into macroscopic existence. The porphyrins can form a template on which

isoprenoid organism, RNA viroids, DNA viroids and prions can form. They can self organise to form nanoarchaea and later eukaryotes, prokaryotes, multicellular organisms leading upto primates and humans. This forms the basis of the origin of endosymbiotic actinide dependent cholesterol catabolizing archaea in humans. The human civilisation can arise from the nothingness of the quantal foam of gravitational waves mediating consciousness and disappear into nothingness.

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