

Chariot of the Gods? No, Simply Fermionic Condensates of Relativistic Neutrons Explaining the Cambrian Explosion

Pirot F*

Independent Researcher, France

*Corresponding author:

Florent Pirot,
Independent Researcher, France
<https://orcid.org/0000-0003-0823-615X>

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1. Abstract

The formation of life is a complex process for which few theories have allowed to describe precisely the mechanics. Relativistic neutrons offer a pattern that allows to explain the popular theories related to “ancient astronauts” without the need for extravagant hypotheses. A precise pattern is proposed for the evolution from invertebrates to vertebrates. Artificial intelligence has been used to illustrate the process in allegorical ways.

2. Conceptual

The adaptation of life to natural nuclear fission has been shown by Ewald Hejl [1]. This means that natural nuclear fission from magmatism, in relation to the yearly pendular oscillation for instance [2] and in hydrothermal areas, is associated with the double helix form of DNA, which is carved to resist the gamma rays associated to that nuclear fission (see also [3] and [4]), and that life has evolved in relation to these gamma rays. This is why for instance the increase in gamma rays associated with the pendular oscillation (for instance the day of Christmas in Europe) is welcomed usually and why celebrations have been adopted in days that correspond to the passing of that pendular oscillation (for instance why the Befana in Italy is celebrated a bit later than Christmas) – see again [2].

These elements have to be put in the perspective of the “theory of ancient astronauts” according to which, among other things, an alien intervention would explain the peculiarities of life. The landing of extraterrestrials would be the origin of humans. In fact, this theory presents a shape that can be explained more scientifically by Fermionic condensates of relativistic neutrons. This phenomenon’s key contribution to the formation of subcontinents such as United Prime Publications. LLC., clinandmedimages.com

the locations of Italy, Great Britain and India as well as Japan and Korea has been underlined in an article of the author [5]. These Fermionic condensates are explained by the result of a black hole eruption in which stars erupted by the black hole go critical and emit beams of relativistic neutrons (of a speed close to the speed of light) that condensate in the atmosphere and soil of the nearby objects also erupted but that did not go critical because their mass is lighter (planets). These relativistic neutrons undergo Fermionic condensation (see [6]) and fission matter, including heavy non-radioactive atoms also erupted by the black hole, in their path. Black holes produce heavy radioactive atoms such as uranium and thorium massively out of the compression of the matter they absorb. Sometimes a criticality within is possible, started by a very slow neutron that manages to travel within . This starts a black hole eruption. The uranium, thorium... produced is erupted altogether usually with a tiny piece (antigravitons) of that black hole (except when the patch of uranium, thorium... is too small) and the swabs of uranium, thorium... close around that tiny piece, in a thermonuclear explosion, that produces rings for large planets, and leaves a ridge such as Iapetus’ for small satellites where the explosion is less powerful (in intermediate objects it produces a sea of basalt that is the primitive ocean) (Figure 1).

Matter is fissioned on the path of the relativistic neutrons and condensates on the sides out of Bose-Einstein condensation, merging back under pressure into semi-heavy atoms ; the relativistic neutrons then slow down progressively and leave their Fermionic condensation state, scattering out. This reproduces the elements of any primitive organism – being and seems to explain the beliefs in a divine intervention for the functioning of life. Indeed, at impact

area where fission levels are highest there is the area of the brain, which is the most perfectionated, needing the cleanest environment for functioning. The condensates on the sides reproduce the legs and hands, and the scattering at the rear the tail / legs. The anatomical dimension of the Fermionic condensate of relativistic neutrons in the fertile and fissile matter of the beginnings is blatant, from the brain to the increase in the ratio of bones versus flesh at the tips of the arms and legs where relativistic neutrons slow down and fission is less yieldy, with more fissile matter left untouched. This is consistent with two theories: (Figure 2)

- The first would be an adaptive theory where life would have evolved in these subcontinents and “taken their shape”

- The second involves the direct emergence of life from the cleansing of fissile and fertile atoms by the hit of relativistic neutrons and pressurization forming, from the ternary fission products such as protons, and the beta – decay particles of the fission products, light atoms such as hydrogen, and from compression in the depths other atoms such as oxygen and carbon. These atoms are formed also in the initial thermonuclear explosion in which the planet’s primitive ocean is formed. But this could be an interesting approach.

There is a clear pattern with exoskeleton animals (invertebrates) and Bose-Einstein condensation bringing together the acids needed for the DNA thanks to the protons of the ternary fission products in magmatism, in hydrothermal areas, together with Bose-Einstein condensation forming the walls of the cells [7]. For vertebrates, the first theory is attractive because it allows to suggest an evolution from invertebrate to vertebrate status, with Darwinian selection of mutations and adaptation to areas cleared by Fermionic condensates of relativistic neutrons, but this theory is not consistent with the way mutations happen – where high natural radioactivity is expected to play a big role, as opposed to areas cleared by Fermionic condensates of relativistic neutrons. Secondly, it is inconsistent with the Cambrian explosion of life. So there is an opening for a theory that seems to be akin to spontaneous generation, laying bare a problem related to the usual description of spontaneous generation as incompatible with the principles of biology. But there is a way to escape this problem by postulating a form of evolution conform with natural selection and with the effects of Fermionic condensates of relativistic neutrons.

The deformation of a pluricellular invertebrate organism by a beam of relativistic neutrons could have formed the first vertebrate organism after it benefited from the surrounding reduction of natural radioactivity and from the electronegativity resulting from the beta – decay of fission products for its neuronal activity. The reduction of natural radioactivity being particularly strong at impact point, it would have allowed neuronal activity to be at its peak there allowing the development of a brain. On the sides the Bose-Einstein condensation of the fission products would have pushed arms and primitive hands (most likely pectoral fins). On the rear, legs or more likely a caudal fin emerges from the progressive scattering of the decondensating neutrons. The energetic push of the relativistic neutrons fissions uranium, thorium... atoms and allows life to develop more easily, while also pushing the cell walls far away (Figure 3).

Gravitational lensing from a large cosmic event such as the formation of the Hyades is most expected to have produced the beams of relativistic neutrons explaining the process. The formation of the Hyades happened 625 million years ago [8]. A black hole has certainly transited inbetween the Hyades and Earth at the moment of the formation of the Hyades, explaining the gravitational lensing of relativistic neutrons and the subsequent pattern. Several invertebrate bodies could have been hit, allowing for enough vertebrate life to develop progressively. The Precambrian life forms of the Ediacaran period present a physiomy that allows to see the effects of a push, *Charnia* for instance seems to be formed by such a push of relativistic neutrons explaining its very elongated and symmetrical pattern. This is even more visible with *Calyptrina striata*, where it is suggested the long path of relativistic neutrons explains the length of the tube. *Andiva* presents the shape of a body also pushed by relativistic neutrons and with the pre-emergence of arms and pectoral fins visible with its triangular structure. *Bomakellia kelleri* also presents many of the features of a vertebrate, with a head and a tail clearly visible. Likewise for *Cyanorus singularis*, *Ivovicia rugulosa* and the other members of the proposed Proarticulata phylum. In *Gehlingia dibrachida* the tail scattering is clearly visible. In *Keretsa brutoni* the pattern with a head, “arms” and “legs” is particularly visible. During the long period of evolution inbetween the formation of the Hyades and the Cambrian explosion, life adopted progressively the form of vertebrate animals and the structure still present nowadays in humans resulted from that. This is a clear and definitive conclusion from the observation of the Ediacaran life forms altogether with the known facts on relativistic neutrons and their behaviour under Fermionic condensation.



Figure 1: AI illustration of a black hole eruption birthing stars and planets, with a representation of the initial criticality event

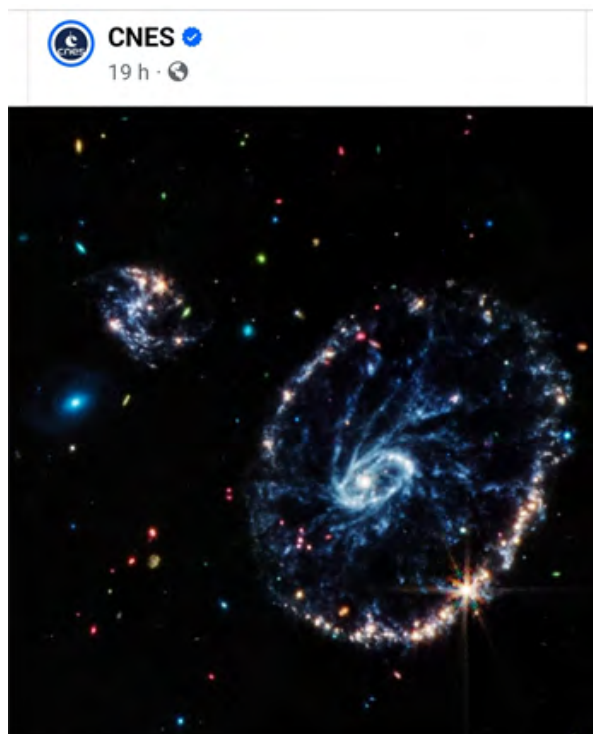


Figure 2: Image posted by the CNES showing the result of a black hole eruption i.e. a ring of new stars

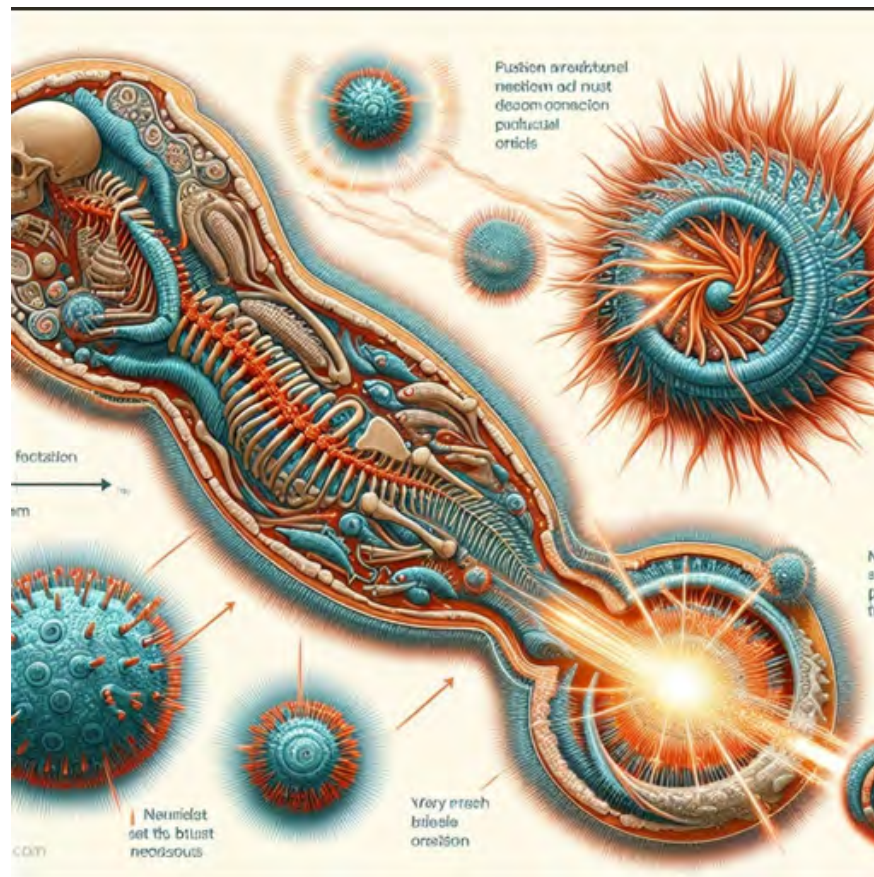


Figure 3: An allegory of the process generated with IA

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