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# Explaining the distinctive Portuguese-Jewish genetic heritage : an interdisciplinary demonstration that the Garden of Eden of the Bible (Atlantis) was the Azores, destroyed by a flow of cosmic fireballs

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### ABSTRACT

Genetics demonstrate a distinctive Jewish-Portuguese heritage, especially in central Portugal, and the explanation can be given through an interdisciplinary analysis, involving geophysics, language, and economics. The text of the Bible (and the parallel existence of the Atlantis concept) can be put into meaning thanks to the strict application of natural justice concepts and of a basic hypothesis on a cattle herding economy that involved high degrees of inequality (caste-like), the victims finding justice in a cosmic fireball event that destroyed the nobility, triggered as well volcanic eruptions, and pushed them out, with a tsunami, as they had climbed on pumice stones. Because of the high natural radioactivity involved, from the fireballs and volcanic fallout, and of salt in the sea, memories were pretty much erased and the event reconstituted only simplistically.

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## Introduction : Genetics

The genetics of Portuguese Jews have been shown to present a distinctive heritage (altogether with signs of mixture with the Portuguese non-Jewish population) whose ancestry is confirmed in a recent study <sup>[1]</sup>, where it is noted “introduction *during the Neolithic*” and impossibility to define “gene flow direction” (i.e. whether Sepharads are the adjunction or came before), the authors suggesting “Iberian origin, after the last glacial maximum” for the haplogroup for which a subclade is found typical of Jewish women in central Portugal.

Even though the genetic diversity in the Jewish subgroup in that area seems mostly related to the naturally high radioactivity, producing over the thousands of year a progressive number of mutations, these important findings echo the strange feeling, when listening to modern Portuguese, of a tongue that, in spite of its Latin roots, has unlike Spanish, French and Italian a tendency to see merging of vowels that surrounded l and n, in what is reminiscent of a custom of throat use in speaking that resonates with Hebrew – the development of nasal diphthongs being as well expected in conjunction with a guttural language such as Hebrew.

## The explanation, from the Bible and rational ex-post geological and astrophysical analysis

Events of spontaneous destruction by natural disasters happen when the local equilibria have been thoroughly disrupted by human action due to the sustained behaviour of a group of people neglecting natural rules and, typically, accumulating extremely rapidly thanks to extractive ways (stealing for instance, slavery, are basic examples).

Many of these events have been described in <sup>[2]</sup>. Earthquakes, volcanic eruptions, cosmic fireball impacts are not the sole ways through which

natural justice is exerted. Nevertheless the case of the first chapter of the Bible is another case for which a cluster of cosmic fireballs, together with an asteroid pulled behind by the antigravitons of the fireballs, is determined to be the explanation.

The “Garden of Eden” happens to be the Azores archipelago ; this fact also confirmed by the related myth of the “Atlantis island” is simply demonstrated by the conjunction of elements detailed below and by the later history of the Hebrews reaching Egypt before their Promised Land (so, of course, through Africa, mainly) and by the very long history of Jews in Portugal.

The observation of craters in the archipelago shows that many of them do not really present all the characteristics of volcanoes as they do not stand out on peaks. The Lagoa de Fogo and the Lagoa de Santiago exhibit the marks of a “U236-type” impact (see <sup>[2]</sup> for more details), likewise Kelimutu in Flores Island. Even though magmatic accumulation, underground, obviously increased the significance of the islands for antigravitons before the disaster<sup>1</sup>, these craters and many others that do not have the U236-shape and do not stand on top of peaks (the U236-shape usually comes out for between 15 to 18% of cosmic fireballs even though many of these scission in two before the final impact, while crossing the atmosphere) were obviously caused by a series (“chapelet”) of fireballs (in a single-time event). In the Ponta das Calhetas crater in Sao Miguel, compression waves from fireball impact melting the upper levels of the soil but not the deeper strata (that have a rocky structure) is particularly obvious.

The brutality of the event was obviously was chased a primitive tribe out of the area. Those who survived the atomic flashes and fires and could access boats obviously left for the East, reaching, certainly, Africa or Portugal.

But the contamination with alpha emitters from both the fireballs and the tephras (where a

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<sup>1</sup> It is quite possible that the custom of making chapelet pearls for Catholic prayer in Ambert in Auvergne comes

as a subconscious reminder of the high frequency of fireball events in the Auvergne area as well..

degree of natural contamination always occurs), together with the contact with the sea and its salt, activated in the brains of all the survivors, as they were navigating on boats (or, possibly, simply, on clusters of pumice stones primitively assembled with ropes ?) the Cl- and alpha-emitting nanoparticulates memory loss channel (see [3]) that seems to have erased pretty much all the memories of the earlier times.

The recollection, obviously, graphical, let out the fireball and its trail, replaced by a fruit and a snake behind. It is the “fruit of knowledge” because the memories are for *after* its “consumption” since everything *before* was, simply, erased by the chemo-physical process discussed above. “You are dust and will remain so” because they are surrounded by the radioactive dust of the tremendous disaster.

South of the Azores a long underwater trench (EAFZ channel in the bathymetric data <sup>2 2</sup>) suggests with high certainty a lateral impact by an asteroid pulled by the antigravitons of the fireballs (an angle of circa 15 degrees for the asteroid coming from the West is suggested). The asteroid is obviously not itself guided by antigravitons in its core unlike fireballs that directly catch with them tiny pieces of the black hole from which they erupted, so asteroids have a slightly more random pattern nevertheless tied to the weapons of natural justice that fireballs are, since antigravitons of the fireballs of course attract the gravitons of the asteroid as they are essentially guided by the gravitons accumulations on the ground (see again [2]). The asteroid came laterally, certainly as the villagers that had survived were already on the sea, maybe on boats, maybe on pumice stone rafts, and the asteroid’s lateral impact obviously created a tremendous wave that pushed them brutally to Africa or Portugal. This explains the description of an “expulsion from the garden of Eden”.

The Pilat sand dunes in southwestern France

are suggested to be simple remains of part of the pumice stone pushed by the waves from the asteroid impact. Radioactivity of the event creating

Bose Einstein condensation [4] necessarily led to natural raft formation from pumice stones (as for the “crossing of the Red Sea” event after the Santorini megaeruption, later).

### Sinners?

The elements listed in [2] correspond with the basic idea of a “divine sanction against sinners” that the Bible presents in Genesis, but the twist of course is that there is now, hence, a simple theoretical framework for a more precise prediction work.

There obviously was a kind of civilization, with buildings. These buildings were certainly, to some degree, heavy. They were built not directly on volcano flanks but their weight accelerated progressively magmatism down under the islands, and the combination of these magma pockets and of the buildings of the civilization in an area otherwise very isolated made these targets for the fireballs.

The fireballs obviously came directly on the buildings and destroyed them, making archeological work very difficult.

One possibility is that the main extractive sin of the civilization was a strong reliance on whale hunting. Construction of buildings with whale skeletons makes for quite heavy structure that nevertheless cannot resist the atomic flash without full meltdown, unlike heavy magmatic rocks (as for the Maya civilization (see [2])). Daily exposition of the whale hunters to the moderate levels of natural radioactivity of the seawater, in a context where the hunting was a quite easy process, could have led, since ejaculation is one way to excrete internal contamination with alpha-emitting nanoparticulates (that, in themselves, stimulate sexuality as excretion way) to quite frequent

<sup>2</sup> <https://www.researchgate.net/figure/Bathymetric-map-of-the-Azores-archipelago-The-right-inset-shows-the-location->

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sexual parties, associating in later memories sexuality with sin. Another possibility relies on a cattle industry instead of whales, with slash-and-burn for pasture preparation. There is a lack of great forests in the Azores. They could have been progressively destroyed by slash-and-burn cattle industries, making needed the use of heavy rocks for building construction, leading to later "divine sanction". Furthermore, cattle industries open the way for a quite hierarchic society, with cattle owning as a criteria for social rank, versus workers in charge of keeping them, especially if cattle had to be imported from the continents, at a high cost obviously for these times, so owning cattle can become equivalent to a kind of nobility. In such a hierarchic society, if heirs of those who brought in the cattle on boats remain the owners of the livestock that comes from the procreation of the first cattle generations, and workers cannot access cattle owning, this creates a socially tense situation that may have led the owner group to build forts to protect themselves against the peasants. Such forts in particular would have been narrow in ground occupation yet tall, towering above to watch for the cattle, and certainly these forts were the prime cause of fireball event, each directly wiped out by an impact.

The cattle and slash-and-burn system would have, also, made fruit trees quite rare, and created, in the memories of later survivors (all from the worker caste) an emotional link with fruit consumption, as symbol of a small victory against the nobility ; nevertheless an additional element could be related to property rights, if the nobility caste owned all the land, and the products of the trees included, it could have been illegal to take fruits from the trees (in a way identical to the prohibition of faggot collection in the forests of medieval England) and, perhaps, was there, in addition, people hired by the nobility to taunt the poor and check whether they duly applied the rules imposed on them, that

would denounce them if they answered to the test by taking what was not their property, because, indeed, as the nobility needed to have the peasants keeping their cattle without having to be watching as well for long period of time, there were needs to find people they could entrust with their property. So the grassroots ("from peasant to peasant") trick of "not following invitations to take fruits on trees" (as way to pass the examination and get a working wage) could have merged, in the memories with the fireball event to give birth to the Biblical scripture.

Lastly, the later description in the Bible of a man (Noah) taking many animals in a boat (the "Ark") and ending up on top of a hill could suggest in an allegorical way the animal trade between the Azores and the continent bringing in the needed cattle (together with the wave-pushing-on-a-mountain concept that could be a resurfacing of the first brutal pushing out of the floating survivors by the wave created by the asteroid). This can be brought together with the fact that the distinctive Portuguese Jewish heritage seems mostly to be found in central Portugal. Certainly the survivors of the initial event, pushed by the wave created by the asteroid's energy ended in the central and northern parts of what is today Portugal, at the bottom of the hills, while more sand was flown up to what is today the Aquitaine area to form the Pilat sand dunes, indicating a strong tsunami power suggesting indeed that they were deposited not at sealevel but higher in the hills perhaps (Montemor-o-Velho suggests "the old place where sea rose" and could be it, with a subdivision called "Vila Nova da Barca" that directly suggests it was the first city created after they left the boats, just where they had come<sup>3</sup>).

**End comments:**

The slash-and-burn cattle industry is the most simple and efficient answer to the question of how lived the inhabitants of the islands. It

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<sup>3</sup> Wikipedia indicates remains from the Neolithic were found in Montemor-o-Velho

explains the extractive nature, that is indirectly confirmed by the remarkable lack of dense forests in the archipelago, and is the sole way to explain, simply, the trope of the woman enticing to take a fruit as “sin” (since this testifies of a kind of mischievousness of the nobility class, that could simply have stayed along the pastures as well to watch the peasants ; together with a heavy nobility class system related to cattle that created a strong social inequality and caste-like system).

In the slash-and-burn hypothesis the extractivism related to rapid environmental devastation for meat purposes together with strong social inequality was sanctioned by the cosmic fireball chapelet. But it is impossible to know with true certainty whether the economy of the Azores relied on whale hunting, slash-and-burn cattle herding or on something else.

### Complementary comments

The first is that I think there is a distant memory of the Azores event in *Hinduism* - over the time the knowledge of the brutal natural disaster travelled, together with the Bible, that obviously was read in other places, Hindus were educated and my belief is that *Samudra Manthan* translates the story, with the tower, the snake concept taken from the Bible, and the "churning of the ocean" concept. In *Samudra Manthan* it is pointed that the garland gift by a nymph is a test of egoism. My proposal makes justice to that.

Second, the tower concept resonates with the Babel tower case, my argument is that some of the refugees from the Azores travelled to the Middle East (it is said in Gn 10 how they spread already widely), what is today's Iraq, and indeed built a tower that was destroyed by another fireball, giving birth to the Thertar lake (remain of a single, huge fireball - compare with Maya case in [2], some crater remains are extremely large as well, and have exactly that droplet shape related to the lateral impact of a ball of burning radioactive metal found also in Thertar) [5]. Later peoples remembered not very well because possibly the scripture was constituted,

maybe, 1000 years after these events, but as big towering buildings in general seemed to attract bad luck there was a kind of merger at the beginning of the Genesis, with the Babel tower concept after the case of the ark being both a new resurfacing of the more ancient Azores event and a depiction of the destruction of *another* tower in what is today Iraq (the Bible mentions already the spreading of the Hebrews in Gn 10 before Gn 11.8 where God spreads them AGAIN around the world). The presence of the snake as rope in *Samudra Manthan* makes it very clear it is about the Azores, together with ocean concept.

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