

## The Huge Geo-catastrophe 65 Million Years Ago

The new English cosmogeological words:

1. **GEO-TRACK**-track one of the huge geological catastrophes.
2. **GEO-EVOLUTION**- geological evolution of the Earth geo-spheres
3. **GEO-CATASTROPHE**- geological catastrophe caused by inner forces of the Earth
4. **GEO-TRANSFER**-rapid movement of outer nucleus masses into asthenosphere
5. **COSMOGEOLOGICAL LAYER** - thin geo-sphere which is between solid and liquid aggregation state.

Only one underground nuclear explosion as the detonator of **EB** geo-transfer will cause catastrophic results for the mankind.

**NUCLEAR COUNTRIES ARE PLAYING DANGEROUS GAME, TO THE FUTURE FATE OF THE EARTH AND MANKIND...**

**MANKIND DOESN'T KNOW ELEMENTARY LAWS OF THE EARTH'S INNER GEO-SPHERES AND GEO-FORCES. TECTONIC FORCES ARE KILLERS FORCES AND HAVE ENDLESS WAR TO THE BIOTA OF THE EARTH .**

Geo-catastrophe at the Cretaceous-tertiary boundary was such unbelievable "hell", that it has to be described in details. According to geo-tracks it was the most terrible geo-catastrophe among similar ones. I'm giving information based on the cosmogeological expertise of geo-tracks and geo-catastrophes.

I don't have any doubt about formation of Chicxulub Crater. Expensive researches are proofs about the origin many. Caribbean sea's floor proves that, impact was huge... but it can not explain how did the reptiles and fishes die into all seas and all oceans.... how could create Caucasus, west part of northern Cordilleras and Andes, all same age mountain chains very far from impact.

The crater was not center of huge K/T geo-catastrophe. The impact was detonator only of huge K/T geo-catastrophe. Impact theory could not explain destroy of huge Tethys ocean, formation of Atlantic Ocean, etc. Clue is **EB** geo-transfer only (Rapid movement outer nucleus masses into asthenosphere). Inner balance of Earth inner geological forces between mantle and outer nucleus was destroyed by this giant impact, and was began **EB** geo-transfer... It has another name, **HUGE GEO-CATASTROPHE (K/T event)** now we can explain everything. Thus it's important discovery.

Although the scientific community's current view is that the K/T boundary was created by a meteorite impact, it is still under debate. The K/T layer has very high amounts of iridium, which is hard to explain by other means than an extraterrestrial origin. This gives us at least two possibilities, namely an isolated major impact or a large meteor shower which would affect the climate in the same way as a single large asteroid. There are a number of anthropomorphic ideas trying to explain dinosaur extinction: Epidemic disease, Acid rains, Giant tsunamis, Other proposed causes are climatic change (especially cooling and drying), change in sea levels, chemical poisoning of ocean waters, changes in atmospheric chemistry, rocks falling out of the sky, cosmic radiation, and global volcanic activity. All versions are true. They were together reason dinosaurs' extinction and additional factors too: Only Modern Cosmogeological Theory can explain everything

Fact is that: One of the scientists groups found K/T event evidences to the Everest. Second group found huge crater under Caribbean Sea. Third group found evidences of giant kilometer high tsunami in the

Andes. Fourth group found evidences Acid rains. Fifth group found change in sea levels. Sixth group found chemical poisoning of ocean waters evidences. Seventh group found That K/T layer has very high amounts of iridium...etc. Usually members of these groups are best scientists of different scientific fields. Usually members of these groups are working separately and they are discussing the evidences during own meetings.

No one theory could connect these evidences still. Only cosmogeological theory can explain everything. I'm very sorry but K/T event was part of our planet's geological evolution and it was particle of universe evolution. I have already proved everything in the my theory.

I'll try explaining everything. 200 years of research and a wealth of data are not contradicted of my arguments. Slowly displacement (drifting during peaceful period reason of oceans appear, expand and contract on a geologic timescale) is supported by cosmogeological theory as well as all main scientific versions about K/T event.

Important news for scientists is **EB** geo-transfer (rapid or slowly eruption [penetration, movement] of outer nucleus masses into asthenosphere) with huge destruction results for lithosphere platforms (During huge geo-catastrophes only). There is slowly drifting or rapid movement of giant continental platforms slowly or rapidly all over the Earth during these events. The slowly drifting is connected to the peaceful periods only and connected to the cooling within crust boundaries and under the crust/asthenosphere boundary.

4.1 Billion years ago in the Solar system was collapsed 5-th planet (Ceres' Titanic mother body), and later are destroyed one of the moons of the Saturn and a moon of Neptune or Uranus. 65 million years ago one of the giant debris of destroyed geo-sphere, huge chunk approximately 10 km in diameter had been captured by the Earth's gravitation and had been "landed" on the north-west part of the ancient Africa-south American (without west Andes) continent. Catastrophe was huge... Formed giant cracks on the ancient Tethys Ocean bad and into the inner and outer margins of ancient Africa-south American continent by huge impact. Almost everything had been destroyed around centre of explosion and all north-west part of the ancient continent rapidly submerged into Tethys Ocean. Only high mountains were not submerged and now they are as the islands and parts of American continents around Caribbean Sea. Explosion of giant meteorite was reason not only shock-shaking all over the Earth, huge impact destroyed balance of giant accumulated pressure forces between inner geo-spheres... Started rapid **EB** geo-transfer (huge geo-catastrophe)..... C and D geo-sphere of mantle are under influence huge geo-forces. Into outer nucleus is huge pressure. Reason is cooling within the **XD** geo-sphere and as a result periodically formation defect of volume into **E** geo-sphere. C and D geo-sphere are under huge pressure of asthenosphere and crust too.

I want to describe most dangerous event which is real reason of global extinction. Thus you can read approximately description of the K/T event. This is intellectual analyze of many researches.

1. K/T **EB** geo-transfer means rapid movement of huge thick continental platforms.
2. K/T **EB** geo-transfer means destruction almost all thin lithosphere platforms of oceans.
3. K/T **EB** geo-transfer means chemical poisoning of water almost all rivers and oceans.
4. K/T **EB** geo-transfer means Giant tsunamis.
5. K/T **EB** geo-transfer means a lot of acid and other chemical rains.
6. K/T **EB** geo-transfer means huge changing between levels seas, oceans and lands.
7. K/T **EB** geo-transfer means huge changing of atmospheric chemistry (chemical poisoning of whole atmosphere by the poison and suffocate gaseous streams)
8. K/T **EB** geo-transfer means global volcanic activity.
9. K/T **EB** geo-transfer means alive boiling almost all species of seas and oceans.

10. **K/T EB** geo-transfer means poisoning and suffocating almost all species on the continents.
11. **K/T EB** geo-transfer means huge putrefaction all over the Earth and into all seas and oceans. (Epidemic disease)
12. **K/T EB** geo-transfer means overridden movements thin lithosphere platforms on the each other (islands) and on the thick continental platforms too (mountain chains). It means separation of small continental platforms (islands) too.
13. **K/T EB** geo-transfer means fossils of ammonites to the Everest.
14. **K/T EB** geo-transfer means huge folded geo-layers of the crust.
15. **K/T EB** geo-transfer means temporary fiery atmosphere all over the Earth with temporary drying rivers.
16. **K/T EB** geo-transfer means temporary huge thick black clouds all over the Earth.
17. **K/T EB** geo-transfer means formation new continental folded structures from destroyed floor tiles of oceans and multi-stage separation of thick continental platforms.
18. **K/T EB** geo-transfer means global inner and outer equilibriums shattering from asteroid impact.
19. Asteroid impact means after explosion, before K/T event rocks were falling out of the sky on the surrounded hemisphere.

...etc.

The first clue is that (some of) the K/T layer was of extraterrestrial origin were obtained in 1980 when Luis Alvarez and his son found the 65 million year old clay layer directly between cretaceous and tertiary limestone layers in Gubbio, Italy. This clay layer had very high amounts of iridium, which is a very rare element in the terrestrial crust but very abundant in meteorites. This suggested that the sediment was a mixture of terrestrial clay and a meteoritic dust cloud surrounding the planet caused by a giant meteorite (asteroid or a comet) which struck down and vaporized somewhere. The size of the impacting body must have been something like 10km across; such a collision on Earth would leave a crater 150-200km across. However, in the beginning of the 80's there had been no report of such a crater.

Later on, other evidence of meteoritic origin of the K/T boundary has been found. The fireball layer contains trace elements in approximately the same proportions as some meteorites. There have also been findings of tektites (micro- and "regular" impact glass) in the lower ejecta layer. The sediments also tell about an unusual flood, or possibly of a tidal wave occurred at the time of the event.

In 1978 Mexico's national oil company began an aerial magnetic survey. Not long after the survey began, a strange circular anomaly named Chicxulub [Chik-shu-lub] was observed near the Yucatan peninsula. Soon after the circular structure was finally confirmed with only little doubt to be a meteor crater, which originally was formed into an area covered by an ocean. The actual size of the crater is quite hard to tell, but it is definitely big enough (170-300km across) to be responsible for the mass extinctions 65 million years ago. Also, it was recognized that the melt rocks and impact breccia found at Chicxulub are of the same age and origin as minerals in the K/T layer everywhere around the world. For example impact glass spherules found in Haiti and Mexico as well as the unmelted granitic ejecta found around North America is chemically similar to the material at the Chicxulub site. The distribution of these shocked ejecta particles and grains also suggests that their origin was in the vicinity of Gulf of Mexico.

Reports from the early 90's suggest that the crater is actually the biggest created on Earth's crust in the last billion years, and one of the 3 over 100km diameter craters ever found on Earth. The others are

Sudbury in Canada (diameter 250km, age 1.85Gyr) and Vredefort in South Africa (300km and 2.02Gyr). In spite of its location, Chicxulub is the best preserved of these three, and possibly the easiest to study.

**THE chemical, mineralogical and isotopic characteristics of deposits at the Cretaceous/Tertiary (K/T) boundary are suggestive of a large impact event, the prime candidate being the Chicxulub crater in Yucatan, Mexico. Spinel-bearing spherules, which may be associated with such impacts, have been reported at several K/T boundary sites worldwide, but their origin is still uncertain. We have examined the spinel-bearing material recovered from K/T boundary deposits at site 577 in the Pacific Ocean and find two distinct populations of particles: spherules with dendritic spinel textures dispersed throughout the grains and irregularly shaped fragments with spinels essentially confined to the rim. The morphology and composition of the particles are characteristic of melted and partially melted meteoritic ablation debris, but their location is difficult to reconcile with an impact on the Yucatan peninsula, some 10,000 km away. We suggest instead that the spinel-bearing particles at site 577 are derived from the impact of a 2-km asteroid in the Pacific Ocean, and that several accretionary events of this type are required to explain the global distribution of spinel-bearing spherules at the K/T boundary.**

**Evidence for a K/T impact event in the Pacific Ocean: E. Robin, L.Froget, C.Jehanno, & R.Rocchia**

Small amount of burrowers had been survived The K/T geo-catastrophe; smaller lizard-like and mice-like species, burrower insects or its eggs. There had been survived a lot of species of fishes into the lakes of the high mountains. Only species of deep soil and into deep lakes of the high mountains were survived mainly. Scientists have own evidences. A lot of insects actually survived the KT extinction event and many of them aren't necessarily burrowers, because their eggs had been survived into thick crust of the huge ancient trees. Numerous lineages of modern birds also survived, particularly in the area around Australia but also elsewhere, e.g. Scaniornis of the North Sea region. Why were survived Scaniornis-like birds? There were died almost all Avian and non avian reptiles by poisoning and suffocating gaseous streams, in the area around Australia but Scaniornis-like birds were survived. We must search clue, in the live ability of this birds. Maybe they were cave-birds at the K/T boundary. Scaniornis is a prehistoric bird genus. The only species, Scaniornis lundgreni, lived in the MP 1-5 (Early Paleocene, perhaps Middle Paleocene: c. 65 - 59 million years ago). After K/T event few hundred years were enough to occupy almost all continents by these birds.

Very many species of fishes into deep lakes of the high mountains were survived, Mice-like zalambdalestes, small lizards (only small burrowers). They did not die by starvation, because a lot of insects actually survived the KT extinction event.

Small amount of burrowers, smaller lizard-like and mice-like species, burrower insects or its eggs had been survived the K/T geo-catastrophe. There are survived a lot of species of fishes into the lakes of the high mountains. A lot of insects actually survived the KT extinction event and many of them aren't necessarily burrowers, because their eggs had been survived into thick crust of the huge ancient trees.

Fight for the Earth was actually between Zalambdalestes (mammals) and lizards (reptiles). Zalambdalestes was winner.... Most early mammals remained small and shrew-like throughout the Mesozoic, but rapidly developed into larger more diverse forms following the Cretaceous-Tertiary extinction event 65mya. Although mammals existed alongside the dinosaurs, mammals only began to dominate in the Cenozoic after the mass extinction of the dinosaurs. During the next 8 million years, the Paleocene period (64-56mya), mammals exploded into the ecological niches left by extinction of the dinosaurs. Small rodent-like mammals still dominated but medium and larger sized marsupial and placental mammals evolved... The reptiles' kingdom was changed by the mammals' kingdom... Continental huge movement on the waves of fiery abyssal asthenosphere ocean, with the cracked, split and destroyed scarred ocean beds tiles caused following results:

1. The Splitting of ocean bad under of the Pacific Ocean was reason overridden tiles to the each other. Especially overridden event was at the ancient rift zone From the Kamchatka to the Indonesia islands and at the coasts of rapid moving American continents. Huge intrusive bodies were formed into the split

parts of the just-forming thick crust tiles. Formed the Andes Mountains, small parts were added to the northern Cordilleras. Part of Pacific Ocean destroyed bed-tiles were overridden on the both American continents. Other parts were submerged into asthenosphere especially under northern and southern America. Slowly process (submerging) still goes on nowadays at the all subduction zones.

2. Parallel of the formation new west costs of Pacific Ocean was followed huge formation process of various islands and peninsulas in the ancient west mid-ocean ridges zones. Water and atmosphere circulation for millions of years is forming excellent islands there. There are new folded land platforms from the Kamchatka to the Indonesia Island. They are created by destroyed tiles of the ancient west mid-ocean ridges zones

3. New folded structures, peninsulas and islands high mountains are formed by simultaneously pressure of all continental platforms, on the ancient Tethys Ocean bed. High of Himalayas increased and new territories were added to it. High of Himalayas was grown up by destroyed tiles of oceans lithosphere platforms during overridden movement. Destroyed ocean lithosphere tiles are overridden on the continental platforms and each other by the event time only.

4. Huge masses of ocean water (flood) and kilometer-high tsunami were washing land almost of all continents by the event time.

5. By colossal masses of oceans water were covered the huge temporary opened, cracked and split areas vast open territories of the asthenosphere's red-hot oceans.

6. Within an embryonic crust zones under all oceans was started colossal process of the huge boiling and evaporation. Huge mass of water, acid and other chemical gaseous admixtures were evaporated and formed new beds (thin lithosphere platforms) of the oceans. The Earth for a long time was covered by the black clouds of fiery dirty water vapor, chemical and of other volcanic suffocating gaseous admixtures. The reason was temporarily opened fiery oceans of the asthenosphere between destroyed and broken oceans beds.

7. Black thick clouds covered all over the Earth for years. These clouds were formed by huge evaporation process water and other chemical admixtures.

8. During few months in the whole atmosphere of our planet was very high temperature. On the embryonic crust tiles-forming zone it was approximately **1,000°C**.

9. Whole green cover (flora) was destroyed by water, water vapor, chemical rains and fire on the land.

10. Global die of living beings were caused by catastrophic temperature, suffocating gasses, fiery water vapor and chemical rains. Almost all avian and non avian reptiles were died by the poisonous and suffocating gasses suffocated as well as other living beings. Very many species of fishes into deep lakes of the high mountains were survived. Mice-like zalambdalestes, small lizards-like reptiles (small burrowers mainly) were survived as well. They did not die by starvation, because a lot of insects (eggs) actually survived the KT extinction event. The specific ability of them to crawl down deep into the ground or underground caves is clue of their survival. Otherwise mammals wouldn't be able to capture the Earth during millions of future years.

11. Almost all water beings, reptiles and fishes were boiled alive into seas and oceans. Only those creatures could survive, which dwelt into big rivers or big and deep lakes in the high mountains.

12. For years Earth atmosphere was heated by warmth of the ocean waters and new folded structures of continental platforms.

13. For several years Earth's atmosphere almost became unfit for life until strengthening of its green cover.

14. The Earth's diameter was increased.

15. Few years were the epoch of heavy rains and cyclones.

16. Tethys Ocean disappeared. In its ancient bed zone young folded structures were formed, from Europe to the Himalayas Mountain ranges. Formed the new platforms and following seas: Mediterranean Sea, Black Sea Caspian Sea... The Atlantic Ocean also was formed.

17. The catastrophe has finished by huge glacier.

The great epoch of dinosaurs and their contemporary creatures were finished by this terrible way. If we define the approximate age of the last geo-catastrophes, we will have the following order:

1. Huge one: ...570, 436, 360, 248, and 65 (million years ago).

2. Small one: ...

**2,400± 50 A.D**

<sup>1</sup> **10,465 B.C.**

<sup>2</sup> **24,450 B.P.**

<sup>3</sup> **34,600± 400 B.P.**

<sup>4</sup> **41,400± 600 B.P.**

<sup>5</sup> **54,000±1,000 B.P.**

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....etc

It can be said that small geo-catastrophe will happen when global magnetic field of the Earth will overcome catastrophic magnetic intensity boundary - 12mT. This data is of course approximate and is taken from scientists' investigations of Antarctic and Greenland ice chunks and other researches. According to the data given by scientists, 22,000-24,500 years ago a strong glacier happened. The geo-catastrophic event occurred 12,500 years ago has almost same scale.

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