

3. How Dinosaur Became Extinct?

(2nd edition. Preliminary 1st edition is in the book 'YOUNG AT 100' released on 7th April, 2007 under Chapter 14-K on page 79, Vol. 1-Segment-2)

1. What the world understands?

FROM NEWSPAPER, YEAR 2001

THE SUDDEN EXIT

Dinosaurs ruled the Earth for about 150 million years and then they died out and mammals took over. Why did they die out? There are many theories. According to one, an enormous asteroid, approximately 8 km wide, hit the earth and the dust it raised blocked out sunlight for nearly three months. Temperatures dropped and plants died and as result, all plant-eating dinosaurs died. Flesh-eating dinosaurs became weak because of the cold and could not hunt and they too perished.

FROM NEWSPAPER, YEAR 2000

THE country's first dinosaurium opened at Hyderabad's Birla Science Centre in July 2000. Its major attraction is a massive dinosaur fossil, 14.5 m long and 4.5 m tall, dating back 165 million years.

According to a report in the China Youth Daily which quotes an unidentified French scientist, dinosaurs were not wiped out by a meteorite as believed but by the large quantities of methane (CH₄) they released into the air by breaking wind constantly.

The methane, said the paper, damaged the ozone layer. This brought about great changes in the vegetation. Consequently there was a food shortage and the dinosaurs starved to death.

FROM NEWSPAPER, DATED 21/09/2012

Did a crashing meteor kick-start the Ice Ages?

A gigantic meteor collided with the Earth about 2.5 million years ago, generating the mother of all tsunamis, hundreds of metres high, possibly plunging the planet into the Ice Ages, an Australian study says.....
.....James Goff, Professor at the University of New South Wales' (UNSW) Australia-Pacific Tsunami Research Centre. Goff led the study.....

2. Author:

There are a number of versions and theories about the existence and the dinosaurs' extinction. But the Author has observed something else. Author has observed that extinction of any specie can't be understood unless we understand its origination. So origination or development of dinosaur from crocodile like specie as per the Author's observation is as under: -

Extinction of the Dinosaurs: In fact, it is the subject of Biology but presently it also falls to subject 'Astronomy because Astronomers and Bio-astrophysicists have claimed that all kinds of Dinosaurs all over the Earth (entire globe) have gone extinct due to the impact/collision of a large asteroid with the Earth. To counter their false claim; Challenger has included extinction of the Dinosaurs to the subject 'Astronomy'. Extinction of the Dinosaurs can be better understood by knowing their evolution and existence.

- **Fundamental of the Universe:** Universe is materialistic.
- **Principle of the evolution of life:** It is struggle against gravity and environment by the organization of the matter called living creation.
 - **Relationship of the life and matter:** Each and every thing in this Universe is related to each and every thing and nothing is separate from anything. (Energy is not separate from the matter. Energy is the form of a matter in its fine/finest form which acts as energy under some specific conditions: Read under the related Challenged subjects of Materialistic Universe).
 - **'Time' is the Resistance factor:** Time exists because of resistance and had there been no resistance; 'Time would not have existed. Resistance/Time is responsible for make and break or for the formation/evolution and vanishing/extinction of anything/life. Had there been no resistance; Universe would not have existed, hence no life. (Explanation is under the book 'YOUNG AT 100').
 - **Had there been no gravity; no life would have ever evolved:** Under perfect zero Gravity in space; egg cannot hatch to bring out life from the egg matter. (When there is no gravity; why be born as there is nothing to struggle with). It is the gravity of the Earth with suitable environmental conditions that has resulted in evolution of life over the Earth and finally bowing before the gravity by the live organized matter is death. (Explanation is under the book 'YOUNG AT 100').
 - **Mode of the life:** Each and every life intends to overrule the Natural forces and also over other kinds of life. To win over; every kind of life has adopted a different mode of its own for existence and to win over. Dinosaurs adopted the mode of life to become bigger and bigger or mighty and mightier.
 - **Extinction factor:** Gravity of the Earth has played its role in making the Dinosaurs extinct besides some environmental factors as stated below.

Explanation: (Process in flash form)

(A) Scientific factors:

Prior to formation of 'amoeba' the first living single-cell in the water, semi-live life would have developed because nothing can develop suddenly from non-living matter to a living -cell. Semi-live life in its microest form would have converted gases to water over the Earth; like conversion of buried matter to fossil-fuel (crude oil) by the living bacteria.

Non-living matter with the semi-live matter (or say non-living matter of different kinds) clubbed together to form an organization called 'amoeba' with the motive/mode to struggle against gravity and environment so that organized non-living matter (acting as organized life) can have its upper hand (or win over) the Natural forces, which keep on disturbing (or curbing) them against their hidden wishes/desires.

To achieve the said goal of formed life a tempo of life started by clubbing more and more living-cells to form different kinds of the living species. Every specie to retain its upper-hand over the other; has chosen its own different mode/skill to develop and to exist.

Life over the land originated from the water. Crocodile like specie emerged to live in the water and also over the Earth.

Some specie, like Dinosaurs have chosen the mode to grow bigger and bigger (or to become mighty and mightier) from the crocodile like specie. Because of the selected mode to develop so, a stage came by the factor of gravity and their mass (weight) that they would not develop further and started feeling the **depression by their sub-conscious mind**. With the result next generations got the retardation in life from their reproduction system instead of going mighty and mightier to weak and further weaker. This all led the big species (Dinosaurs) to go extinct in very short period as compared to the period under, which they had developed or achieved the peak of selected mode of life. Difference between the said two periods (formation and extinction) is so great that extinction would be understood as sudden (like, if construction of a building took years and to demolish it only a day or two is taken). Further, at scattered parts of the Earth, some big species and Dinosaurs would have perished by the reason of change in the environmental conditions by any reason, like hitting of an asteroid.

Man, by killing the elephants and also by making them as slaves for his work, saved them from going extinct, their growth in numbers might have made the vegetation scarce resulting to go extinct in the area in which they had survived and developed.

(B) Practical visualization of development & extinction of Dinosaurs
(See sketches at last page of development to Dinosaurs from creature similar to crocodile).

- During first stage of the development consider a large lake existed billions of years ago surrounded by the vegetation life all around spread over miles and miles. Lake had a number of crocodiles or species like crocodiles) but for easy understanding let it be called crocodile. All the crocodiles in this large lake would not have behaved and lived in the same way. Some always remained at the centre, living over the fish. But a great number of crocodiles must have lived near the bank of the lake. Among those, all would not have come over the earth surface; some always remained in the water. Those who were developed swifter to act and able to sustain their body weight without the up-lift by the water, remained over the bank/beach and were also crawling over the earth. A stage developed, when their number grew and the lake could not sustain them all.

When population of crocodiles in the lake swelled, they found shortage of the food (fish). (Generally no specie eats its own specie, but for **the survival** this rule is by-passed). For the survival, large-developed crocodiles started eating their own specie but distant-relative small or new-born crocodiles.

A second stage developed. Some crocodiles started living over the earth, finding a rare opportunity to go again in the water due to over populated crocodiles or to escape from the big crocodiles.

This provided better opportunity to live with vast available prey over the land and also to find escape from the large crocodiles. Such migrated crocodiles had no fear even from the land flesh-eating animals because fear haunted in the mind (Genes) of all the land animals about the crocodiles, those who had to face them while going to the lake (water) to quench their thirst.

Due to no water buoyancy (up-lift) such crocodiles developed stronger by facing gravity than those who were living in the water and more better developed due to no fear of any other specie of the land to become later a specie called '*dinosaur*' the ruler over the Earth.

By just crawling, they could not catch the prey. So, such 2nd-staged-crocodiles over the land had to hide behind the bushes or tree trunks. They pounced upon the prey swiftly. To have a swift pounce, their hind legs developed long and stronger, so that swift motion at some angle say (30° to 45°) would be possible to catch-hold the prey by their mouth. Since the crocodiles from the origination used to catch the prey by their mouth so, they never attempted to hold or catch the prey with their feet (front-legs). Thus front-legs shrunk or could not develop longer or stronger. Further their number increased and for their survival, they had to move far-off from the lake.

- Now a third-staged-crocodile over the land developed. To get the prey, hiding behind the bush or tree-trunk would not remain a skill for the better and stronger developed crocodiles. Such crocodiles started running to catch the prey and were capable to chase up to few meters.

- After this fourth-staged-crocodiles over the land developed which never hide but were roaming and were capable to run to catch the prey. For them a vast field opened with prey and prey all around. They started eating as much as they can.

- Now a fifth-stage of crocodiles over the land developed called as 'Dinosaur'. By feeding well and running (struggling against gravity), they grew in size and started ruling the Earth.

- After millions of years a saturated size of the dinosaur reached, beyond which they could not develop due to the factor 'gravity' and by losing the running speed race as compared to their prey. Due to the increased size (weight), their running speed slowed down, whereas the prey started running faster. Beside this, they (dinosaurs) developed in great numbers and reduced the prey availability. The tempo of life on which principle, they (dinosaurs) developed took a reverse turn. From developing their body from bigger-and-further bigger; tougher-and-further tougher; faster-and-further faster to produce generations weaker-and- further weaker. (Once this trend developed in generations, no one can uplift. A stage developed, when such creatures could not produce the next generations as per the Nature's laws as stated under the relevant chapter(s) stated in the book 'YOUNG AT 100'. Hence they became extinct).

Conclusion:

The reason of extinction of dinosaur was not an external factor as understood by many but the major and only reason was within the specie. It had attained saturation in growth, development and strength within the framework of gravity, environment and ability which led them to their own extinction. The external factors only caused deaths at scattered locations not a total wipe out over the globe (Earth).

Note: See sketches over the next page.

Different sketches show growth of crocodile (or crocodile like) species to Dinosaur.
Front legs of Dinosaur could not develop bigger because crocodile has the mode to catch and eat by the long mouth and not by its feet (front legs). Hind legs of crocodile developed bigger and more in strength because Dinosaur has to catch the prey in mouth by running with swift move over the Earth and not by hiding in the water.

