

ASTEROID IMPACT!!!

(NO, NOT REALLY)

Ok, let's get this out of the way. **NO!** There was no Asteroid Impact that brought about the end of the Ice Age. A recent NOVA show touted this Impact theory but that doesn't make it so. Maybe there is a more down to Earth explanation for the ending of the Ice Age.

But what about Iridium? Iridium content in asteroids is high. Don't the higher traces of Iridium in Ice and Soil dated to the Ice Age indicate an Impact around 12,000 yrs. ago? And what about the Nano-Diamonds found in that soil? Aren't they formed by asteroid Impact?

Not necessarily. Though rare on the Earth's surface, Iridium also exists in high quantities in the Earth's mantle. Volcanoes produce Iridium with eruptions. Active volcanoes such as Piton de la Fournaise, on the island of Réunion, (Indian Ocean) are still releasing iridium today.

The following are three points of view about Comet or Asteroid Impacts, Iridium and Nano-Diamonds.

Links to the respective sites are provided for easy navigation and study.



<http://en.wikipedia.org/wiki/File:Iridium-2.jpg>

MORE THAN YOU EVER WANTED TO KNOW ABOUT IRIDIUM

(This View shows how Asteroids can be the source of Iridium)

<http://www.answers.com/topic/iridium>

"The K–T boundary of 65 million years ago, marking the temporal border between the Cretaceous and Tertiary periods of geological time, was identified by a thin stratum of iridium-rich clay. A team led by Luis Alvarez proposed in 1980 an extraterrestrial origin for this iridium, attributing it to an asteroid or comet impact. Their theory, known as the Alvarez hypothesis, is now widely accepted to explain the demise of the dinosaurs. A large buried impact crater structure with an estimated age of about 65 million years was later identified under what is now the Yucatán Peninsula (the Chicxulub crater)"

**(This View shows how Volcanos can be the source of Iridium)
The Deccan Traps Volcanism Greenhouse
Dinosaur Extinction Theory
Dewey McLean**

"Dewey M. McLean and others argue that the iridium may have been of volcanic origin instead, as the Earth's core is rich in iridium, and active volcanoes such as Piton de la Fournaise, in the island of Réunion, are still releasing iridium."

"The author is a Professor Emeritus of Geology in the Department of Geological Sciences, Virginia Polytechnic Institute, Blacksburg, VA, 24061. He has the Ph. D. in geology from Stanford University, and all course work for the Ph. D. in biology. His teaching specialties were: Paleontology, Paleobotany, Palynology, Stratigraphic Palynology, Historical Geology, and Earth Systems and Biosphere Evolution. Since 1969, he directed a Cretaceous-Tertiary marine phytoplankton graduate program."

CLICK LINK BELOW

http://filebox.vt.edu/artsci/geology/mclean/Dinosaur_Volcano_Extinction/pages/st

And Now: Nano-Diamonds

Here is a quote from strangehorizons.com:

LUCY IN THE SKY WITH NANODIAMONDS

"Stars burn hydrogen to helium, helium to carbon, carbon to other elements; stars die and explode, blasting those elements outward; as the hot debris expands, carbon atoms adhere to one another to form nanodiamonds; sometimes other elements get trapped in the growing diamond crystals, becoming a telltale clue that will be decoded by astronomers billions of years later."

Click link below to learn more on Nanodiamonds.

<http://strangehorizons.com/2008/20080107/perrin-c.shtml>

Nano-Diamonds have been formed since the BIG BANG. They are formed in the Nebula Clouds of exploding stars, and in space collisions of meteors and asteroids. They can also be formed in volcanic eruptions on Earth.

Nano-Diamonds rain down in their millions upon the Earth every day. Over time these sink and are absorbed into the Earth's mantle, the same way Iridium is absorbed into the Earth. And like Iridium, nano-diamonds can be released by volcanos as well.

The forces associated with a tilting Earth would cause geologic plate boundaries to impact each other in a pronounced fashion. This would generate volcanos which in turn would spew forth Iridium and NanoDiamonds.

Also, if there had been an Ice Age Impact event, there would be evidence of other shocked minerals and impact craters like Chicxulub in Yucatan. These shocked minerals and impact craters aren't found in North America dated to the time of the Ice Age.

There was an attempt in the NOVA show to explain the loss of the Mega-Animals in North America. But the rest of the worlds Mega-Fauna were ignored. Nothing about the uncounted Mammoths and other species in Siberia or other places

There was also an attempt to explain why there is no Impact Crater. It seems this Comet, or Asteroid, broke apart into thousands of pieces yet somehow was able to remain bunched together. This material then impacted the Earth right over the glacial ice pack over North America. The ice pack acted as a sort of "flack jacket" and absorbed the blow of the impact. Therefore, there are no traces of this impact today. The Ice Age ended, and it ended very suddenly. They can't explain it any other way that also supports their acceptance of "The Milankovitch Theory". so this must be what happened.

"The Milankovitch Theory"

<http://www.emporia.edu/earthsci/student/howard2/theory.htm>

(The Milankovitch Theory states that the Earth moves further away from the Sun every 100,000 yrs or so and brings on the Ice Ages.)

Report from the National Academy of Sciences on the cosmic impact theory

<http://www.pnas.org/content/early/2010/02/09/0908191107.abstract?sid=f24229c1-3d73-47fa-8ba8-11371a89ceaa>

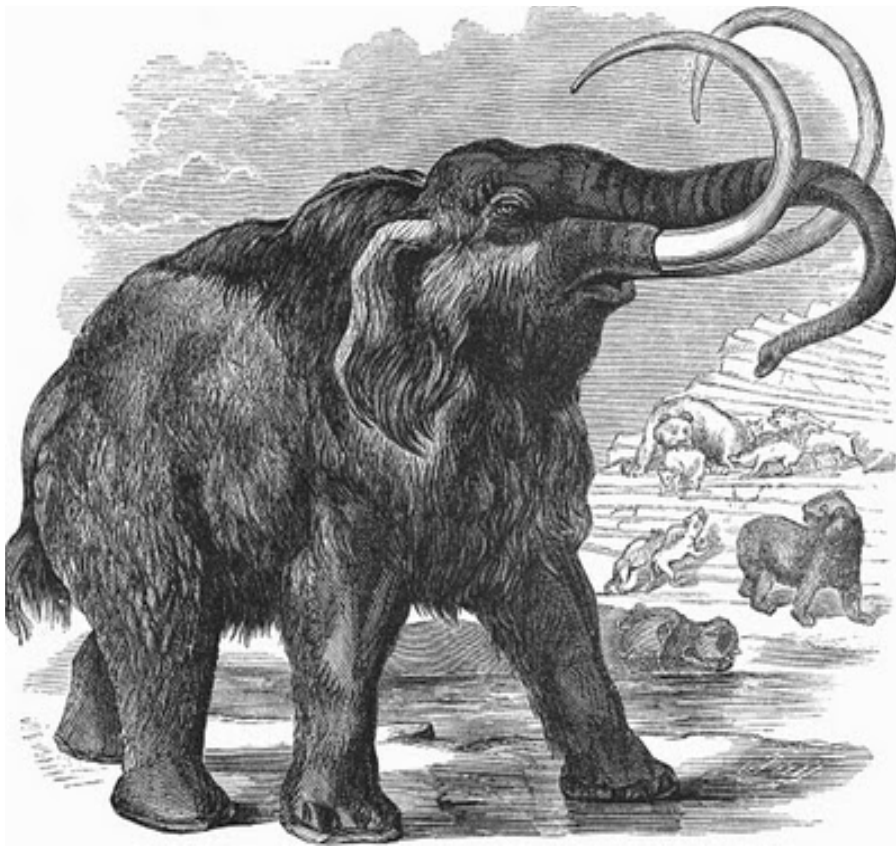
There are some who say my Tilted Earth Theory is "out there". Yet they can't seem to see the stretch required to assimilate the Impact Theory into the end of the Ice Age. The asteroid or comet impact theory seems to be just one more "Big Rock Done It" theory. If you can't solve a problem in a manner that supports your other conclusions, chunk a rock at it. See if that makes it go away. It's worked before, maybe it will work again.

"Big Rock" done It - Or - Big ball "Tilt"!

Take your pick.

NOVA ONLINE- DEATH OF THE MEGA-BEAST

<http://www.pbs.org/wgbh/nova/beta/evolution/end-big-beasts.html>



The Ice Age Mammouth is perhaps the best known of all the extinct Ice Age creatures. We thought it would serve well to exemplify the loss of the Mega-Fauna brought on by the catastrophic end of the Ice Age.

The above Image was created by a National Park Service person while on duty and is therefore in the Public Domain.