

How Science is being DISTORTED

How Religious Fundamentalists are
trying to Distort Science to give
authority to their dogma.

How Science is being DISTORTED

When a Religious Fundamentalist starts quoting science, you know they are not telling the truth because

Using the Scientific Method

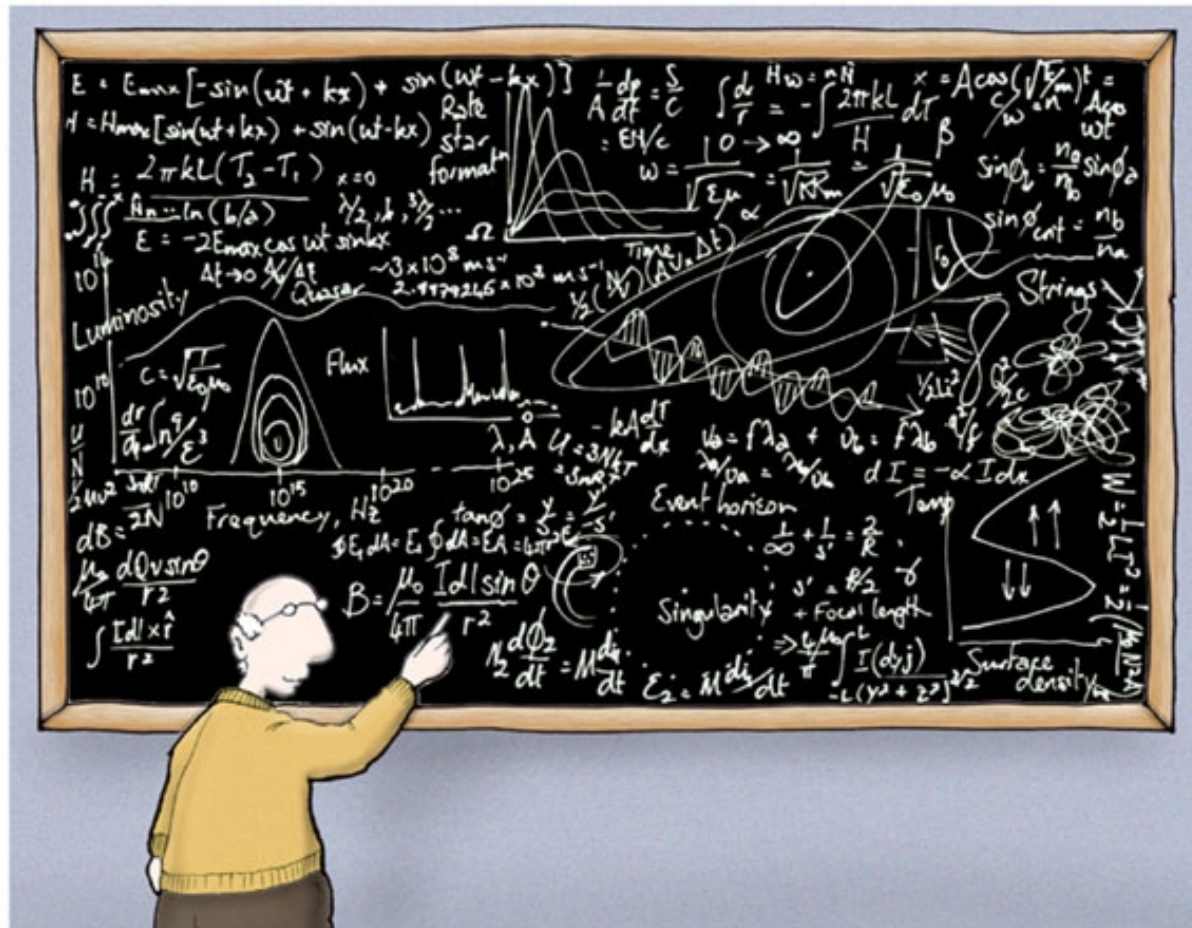


The most common
motive that makes
people become
scientists is
CURIOSITY.

Question
assumptions

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Astronomy 101



Astrophysics made simple

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RASC Position Statement


Position on Science and Evolution

http://ottawa-rasc.ca/science/index.html


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Position on Science and Evolution



Science and Evolution



A Position Statement of the
Royal Astronomical Society of Canada - Ottawa Centre
on
Science & Evolution
Approved by RASC Ottawa Centre Council, April 26, 2007

The RASC Ottawa Centre supports high standards of scientific integrity, academic freedom and the free exchange of ideas. It also respects the scientific method and recognizes that the validity of any scientific model comes only as a result of rational hypotheses, sound experimentation, and findings that can be replicated by others.

The RASC Ottawa Centre, then, is unequivocal in its support of contemporary evolutionary theory that has its roots in the seminal work of Charles Darwin and has been refined by findings accumulated over 140 years.

Some dissenters from this position are proponents of non-scientific explanations of the nature of the universe. These may include "creation science", "creationism", "intelligent design" or other non-scientific "alternatives to evolution". While we respect the dissenters' right to express their views, these views are theirs alone and are in no way endorsed by the RASC Ottawa Centre. It is our collective position that these explanations do not meet the characteristics and rigour of scientific empiricism.

Therefore the science agenda of the RASC Ottawa Centre and its publications will not promote any non-scientific explanations of the nature of the universe.

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Page last modified: April 27, 2007

Done

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Astronomy, Geology & Flying

Odale-Articles - OttawaRasc

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OAFs : Ottawa Astronomy Frien...

Odale-Articles - OttawaRasc


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Odale-Articles

My Aerial Explorations of Terrestrial Meteorite Craters [edit]


by: Charles O'Dale




The scientific study of impact structures began only about 50 years ago. I'm dating myself, but that was about the time my interest in impact craters started. Like any kid, I spent hours looking at the craters on the Moon through my old telescope. Would I ever get a chance to explore a crater? Well since retirement, I have combined my hobbies of astronomy, geology and flying to explore the impact structures in North America from the air and ground. I've found that over the past millions of years the natural geological forces on this planet have "cross sectioned" the craters to ease our study.

The craters that I have explored will be posted in this web site grouped by crater type and size. The science background that I have gleaned from my past profession of semiconductor failure analysis has given me the incentive to also document the analysis performed on these craters. I encourage anyone to please contact me if they note any errors that I may have made in my documentation or if they have something to add.

If you ever find yourself in Ottawa, please come to one of our [monthly meetings](#).



- Introduction
- Possible Craters
- Simple Craters
 - Merewether
 - Barringer
 - Holleford
 - West Hawk
 - Pingualuit **UPDATED**
 - Skeleton Lake
 - Brent
 - Ile Rouleau
 - Wanapitei
- Complex Craters
 - Lac La Moirerie
 - Lac Couture
 - Panther Mountain
 - Presqu'île
 - Clearwater East
 - Mistastin
 - Slate Islands
- Peak Ring Craters
 - Clearwater West
 - Charlevoix
 - Can-Am
 - Manicouagan
 - Sudbury



The "Changing Earth" section of the Dynamic Earth Museum at Science North Sudbury is presenting images of the Manicouagan, Pingualuit (Chubb) and Barringer meteorite craters that I have documented on my expeditions. This is me with a smug look on my face beside the poster.

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Chuck at Pingualuit



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Sudbury & Wanapitei impacts



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Vredfort Impact Structure, Africa



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Documenting Empirical Evidence

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LA LA LA - I'm not LISTENING!!

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The ID
movement
manipulates
and distorts
facts to give
the illusion
that they are
equal to
science
authority!

HAO

-

Charles O'Dale



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The cretin pattern of science.

Select a narrow subset of the evidence that superficially supports their claims and ignore the broader array of evidence that completely undermines them.

These are “untruths”.

Lunar Craters



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Crisis in Crater Count Dating by David F. Coppedge*

**David F. Coppedge works in the Cassini program at the Jet Propulsion Laboratory*

“Without a way to reliably identify secondary craters”

This is an “untruth”.

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The “Science” of Crater Research



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The moon is receding at a rate too fast for an old universe.

An “Untruth”.

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Moon recession explanation:

- Tidal friction with moving continents has changed the rate of the earth's rotation and the moon's recession (energy transfer);
- The moon is receding at about 3.8 cm/year;
- The earth's rotation is slowing by 2 seconds/100,000 years;
- The past 650 million years rate of the earth's rotation has been measured using fossil coral, growth patterns in mollusks & stromatolites and from sediment deposition;
- These empirical measurements, when extrapolated, are consistent with a 4.5 billion year old solar system.

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Lunar moonquakes, lava flows, and gas emissions indicate the moon's youth.

An “Untruth”.

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Evidence explaining lunar moonquakes lava flows and gas emissions:

- Moonquakes from tidal stresses and contraction (highlands gradually sinking);
- Moonquakes provide evidence of a lunar solid core, consistent with it's old age;
- There is no evidence for recent lava flows not associated with meteorite impacts;
- Outgassing is consistent with an old moon. It can take a long time for gasses to work their way to the surface.

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There is not enough moon dust for an old universe.

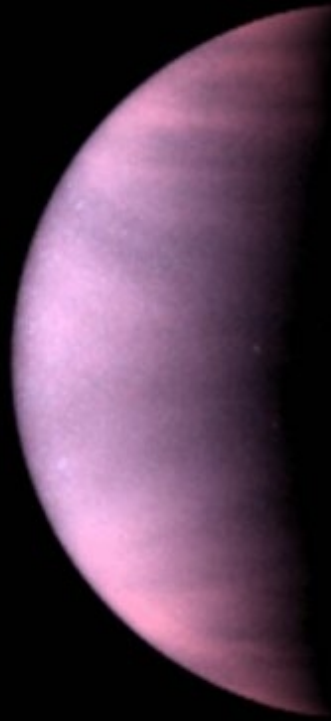
An “Untruth”.

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Lunar Regolith

- Simple physics - dust doesn't "float" down to the lunar surface, it impacts at cosmic velocities;
- The lunar regolith (impact matter deposited over lunar bed rock) is 10s of Metres thick (consistent with a moon billions of years old);
- The actual "dust" influx is about 22,000 to 44,000 tons per year on earth and around 840 tons per year on the moon.

Venus from Hubble



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Venus vs. Uniformitarianism

by David F. Coppedge*

(thinking that refuting uniformism refutes evolution - FALSE)

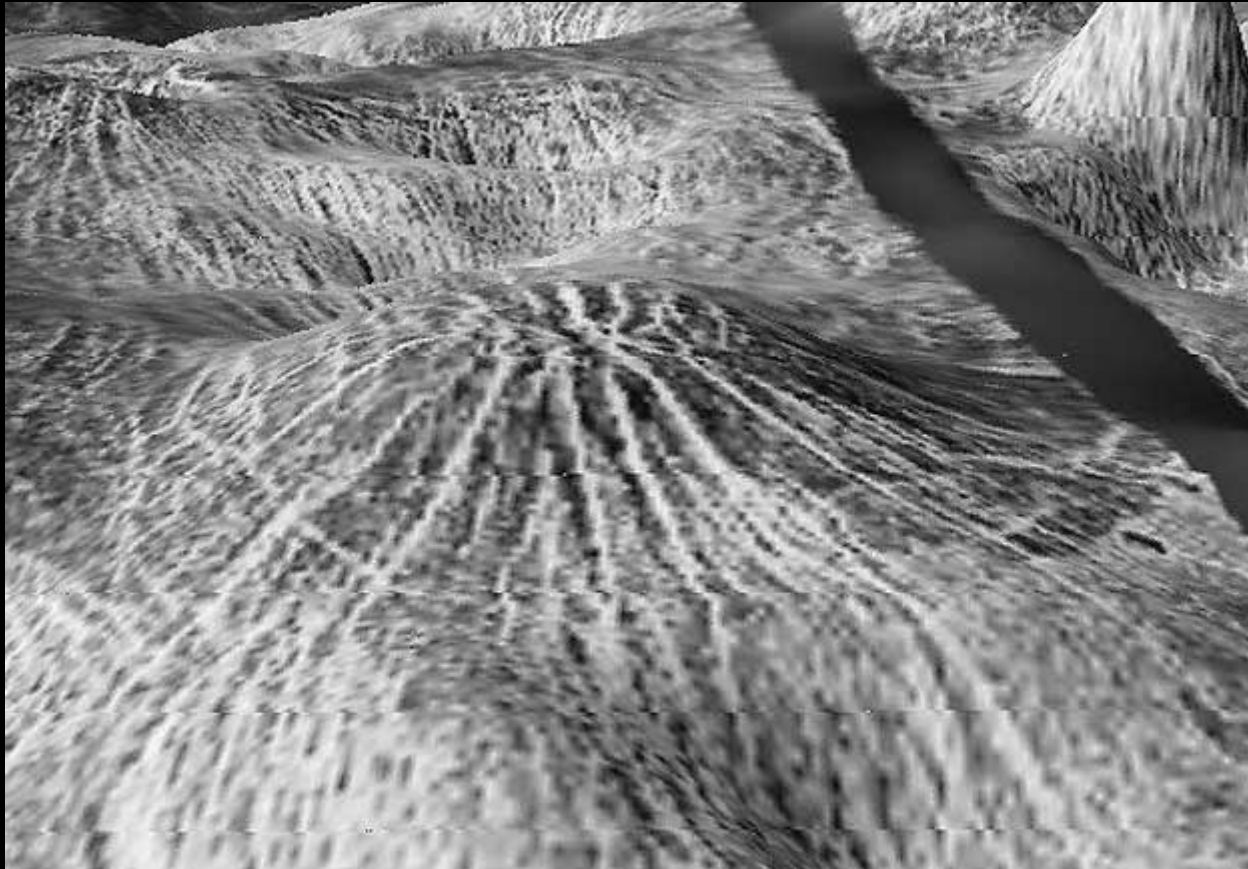
Coppedge works in the Cassini program at the Jet Propulsion Laboratory. (The views expressed are his own.)

“Nobody knows what could have happened to resurface an entire planet.”

This is an “untruth”.

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Venus Surface from Magellan



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The “mysterious” surface of Venus explained:

There are few craters on Venus. This is evidence that the surface is only a few hundred million years old.

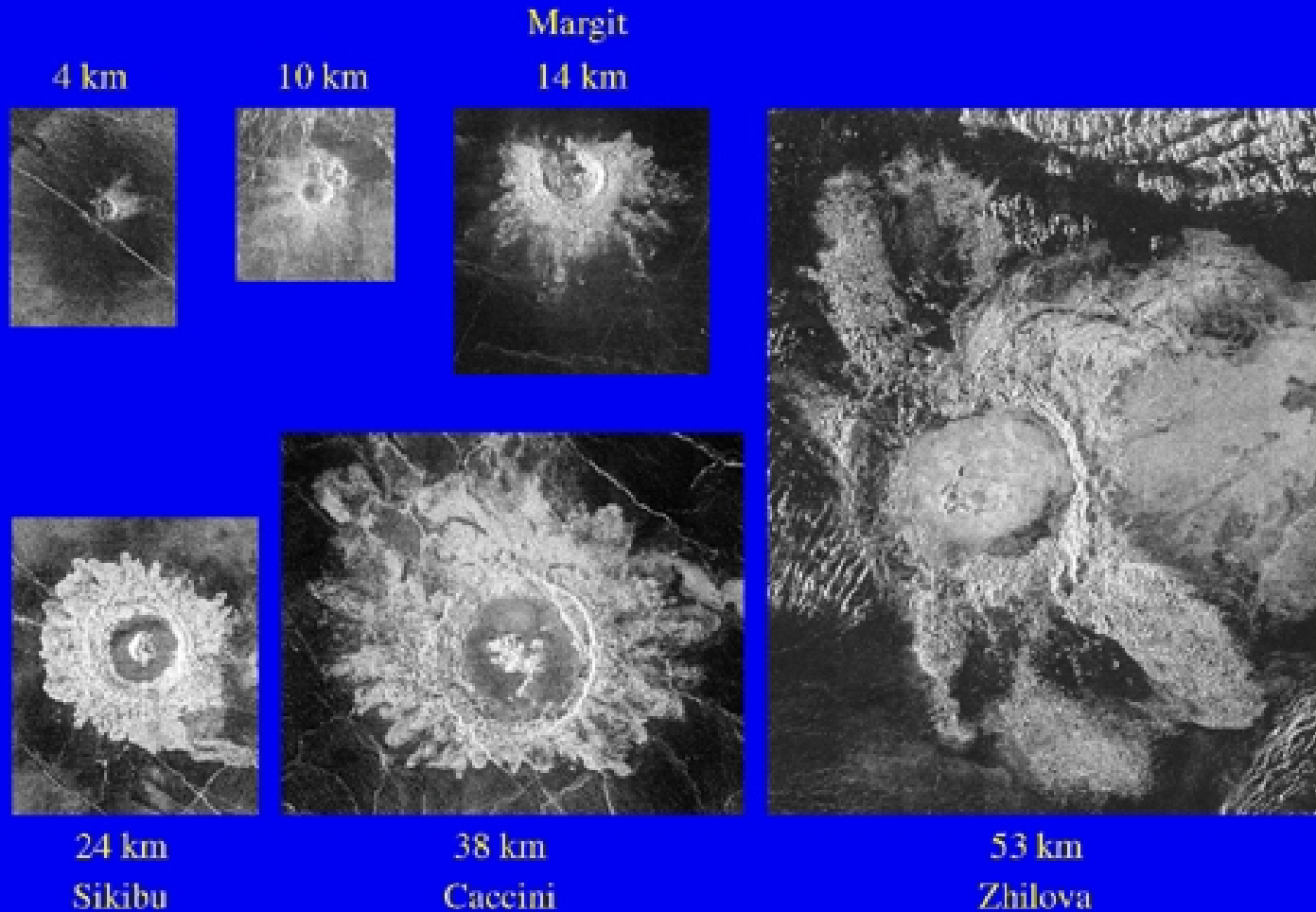
The naturalistic explanation for this is recent geological activity that completely “resurfaced” the planet. Venus shows this evidence in volcano and rift valley activity.

There is no continental drift on Venus that would allow excess heat to escape from the planet’s interior. Thus, this excess heat accumulates and periodically melts the complete surface on Venus.

Venus is unique in this manner.

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400 My craters on Venus



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Three Planets (Mercury, Venus & Uranus) and several moons revolve backwards, refuting the “collapsing nebula” theory of planetary systems’ formation. “Science cannot explain this”.

An “Untruth”

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Planet rotation and axis angles explained:

Throughout the 4.5 Billion year history of the solar system, there have been many major collisions (between the pseudo-planets).

The theory of our moon's creation is based on evidence of a collision between a "Mars" sized planetoid with our planet.

The energy dissipated from collisions like this easily explain the eccentric rotations and axis angles of some planets.

Saturn



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Planetary Quandaries Solved: Saturn Is Young

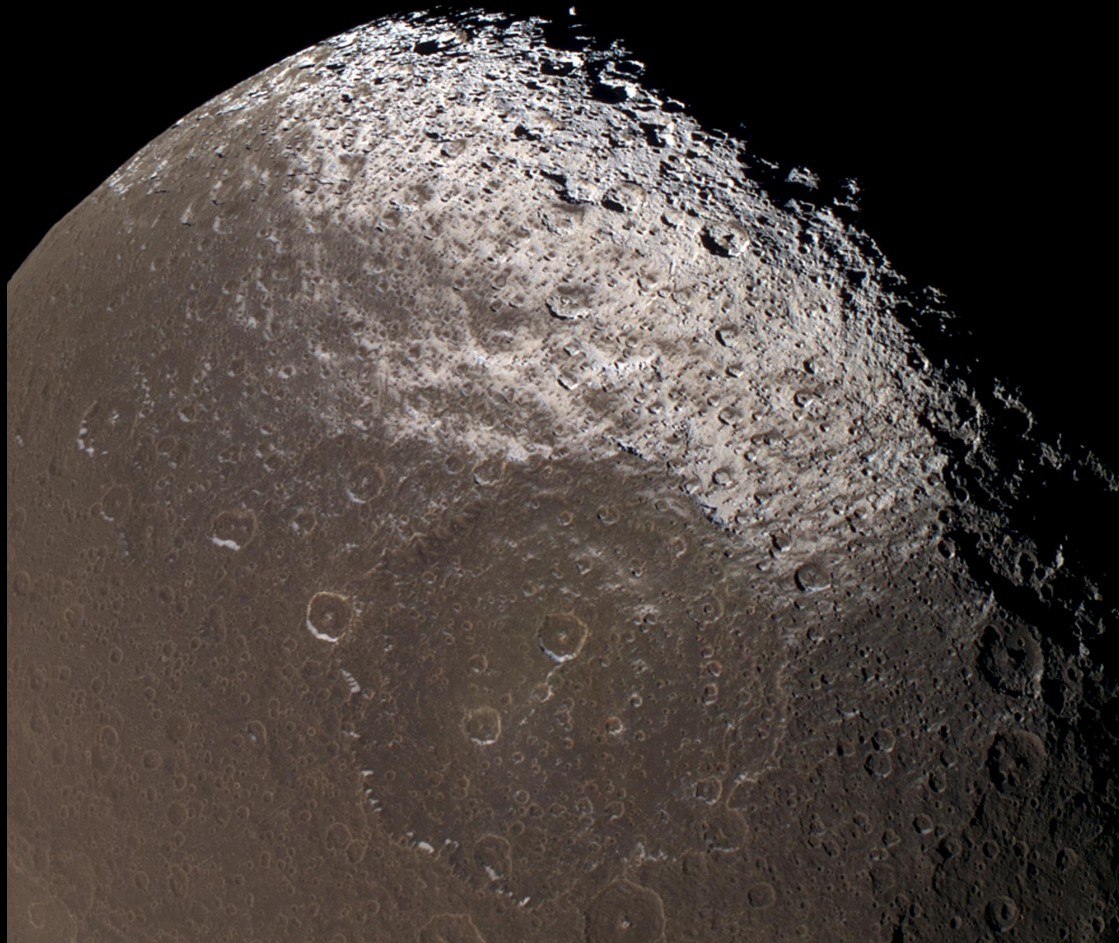
by Brian Thomas, M.S.*

•Mr. Thomas is Science Writer at the Institute for Creation Research

- Crater counting “strawman”.
- Saturn’s moon Enceladus “shows no hint of being 4.5 billion years old.

These are “untruths”.

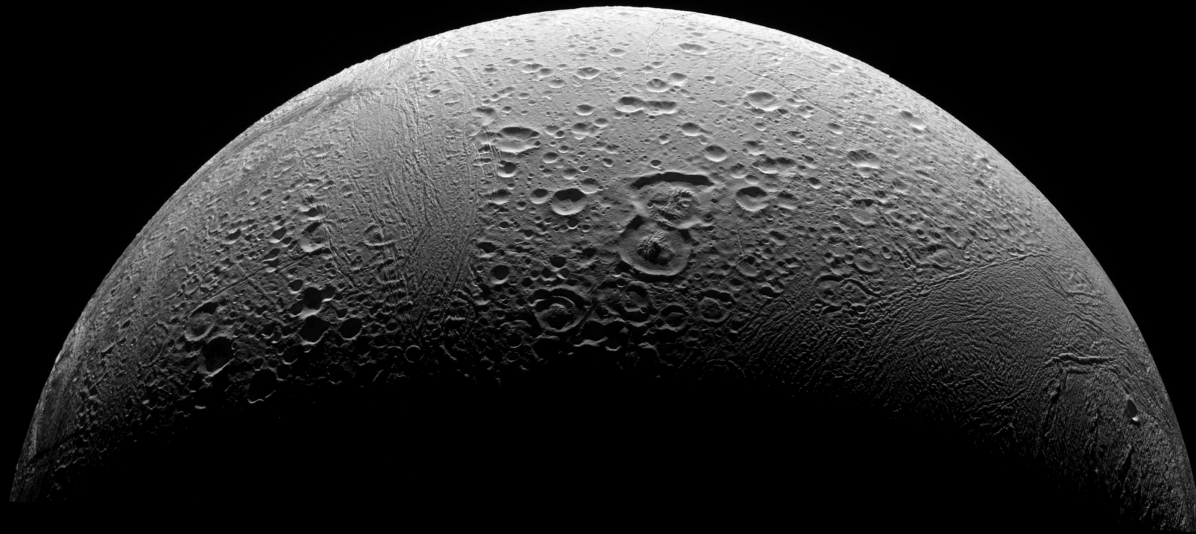
Craters on Iapetus



Iapetus

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“Young” Surface of Enceladus



Enceladus

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“Young” Surface of Enceladus explained (by science)



Cryovolcanism

- Source of E-ring;
- geology + resurfacing.

Comet Hale-Bopp - 1997



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Comet Impact?



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It is a young universe because ...

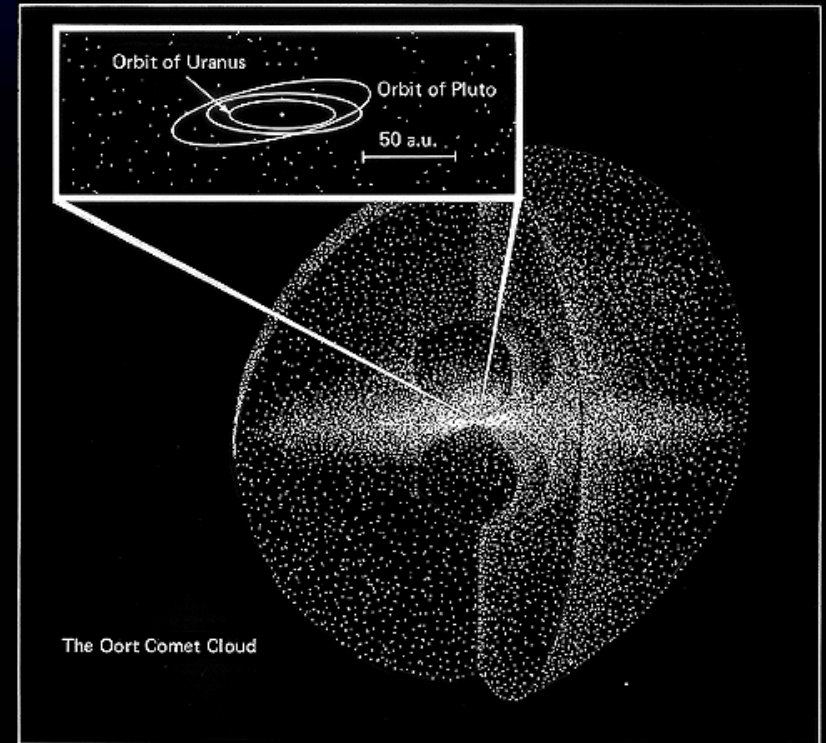
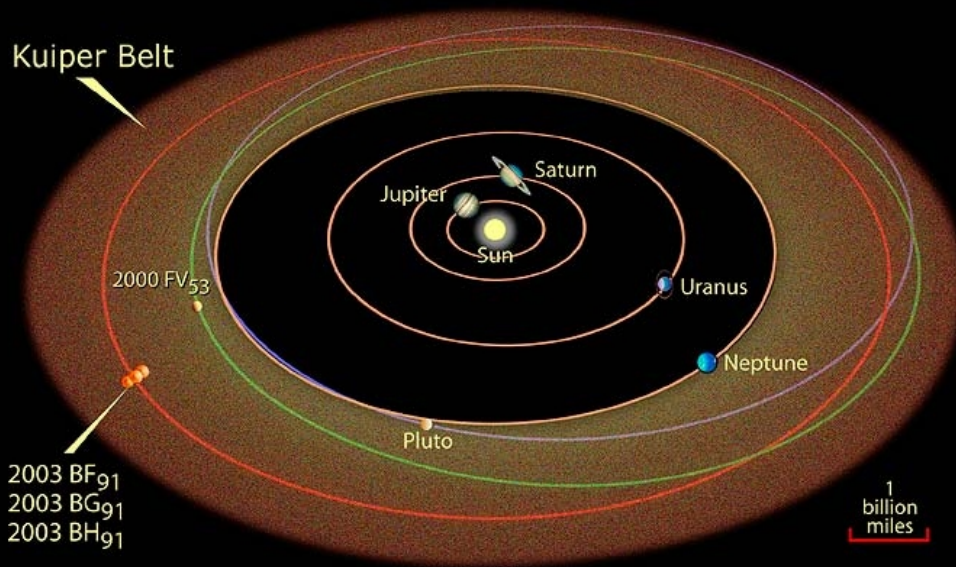
- Comets would not have lasted in an old universe;
- The solar wind would have cleared the inner solar system of microparticles;
- The Poynting-Robertson effect would remove space dust in an old solar system.

These are “untruths” (by omission).

Kuiper Belt & Oort Cloud

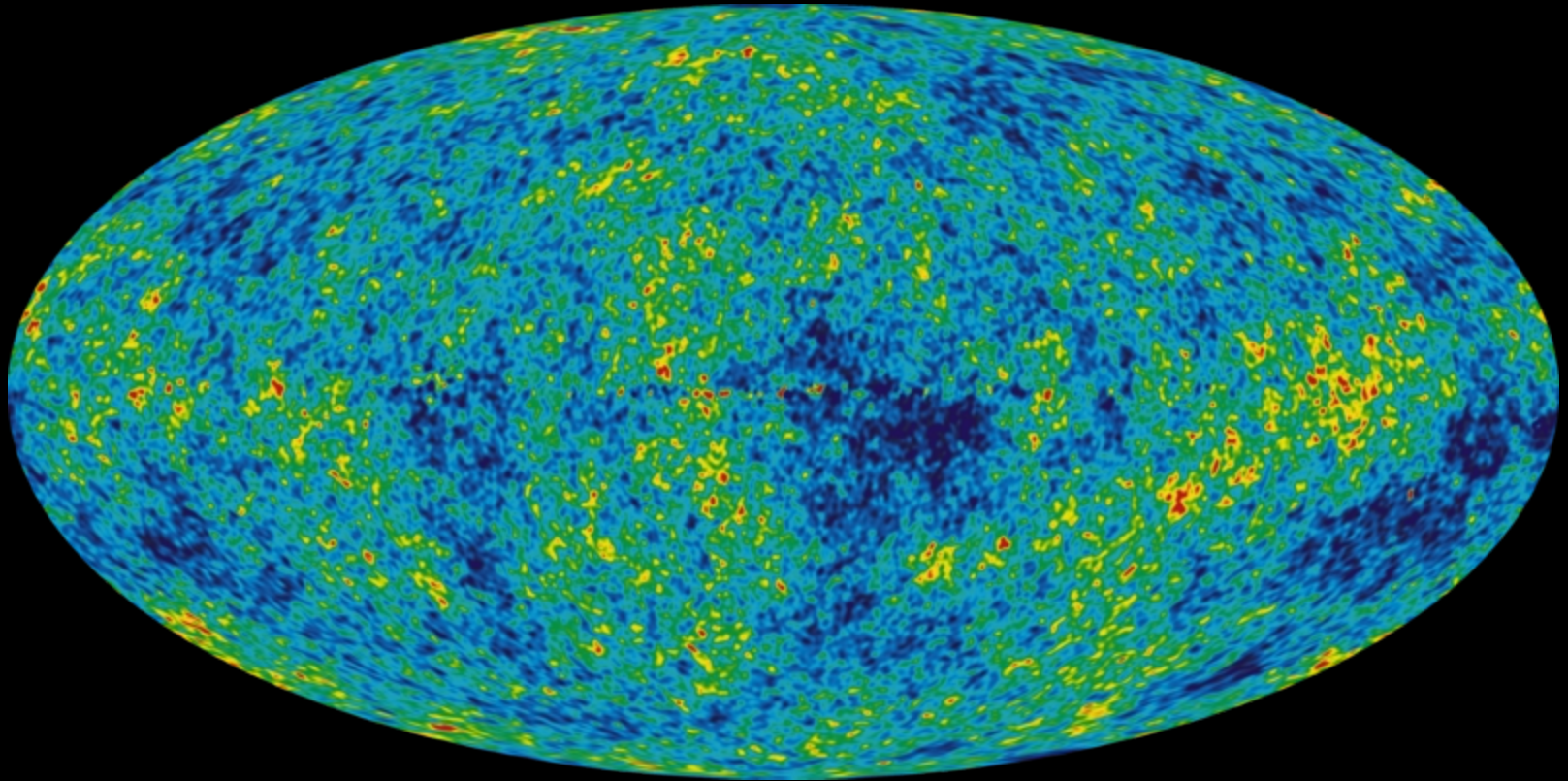
Three Kuiper Belt Objects discovered

Using Hubble Space Telescope's Advanced Camera for Surveys (ACS), scientists have discovered three of the faintest, smallest objects ever detected beyond Neptune. This diagram compares the orbits of the three new Kuiper Belt members — 2003 BF91, 2003 BG91, and 2003 BH91 — with those of the giant planets Jupiter, Saturn, and Neptune. The orbits are drawn to scale. The three new discoveries share similar orbits. Also shown are the orbits of two other Kuiper Belt members: the well-known Pluto and previously discovered 2000 FV53. The planets are not drawn to scale. The circle that is labeled "Sun" is in fact large enough to represent the entire orbit of Earth.



Yeomans

- Big Bang Theory - Cosmic Microwave Background



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The Big Bang Theory is wrong!

The theory of a big bang has been shaken with irresolvable inconsistencies, such as an unexpectedly uneven distribution of matter in the universe and a need for dark matter. Several astronomers think it is no longer a valid theory.

Gitt, 1998

This is pure male bovine ka-ka.

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Evidence supporting Big Bang:

- Einstein's general theory of relativity implies that the universe cannot be static, it either expands or contracts;

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Note that most of these points are not simply observations that fit the theory; the big bang theory predicted them.

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See the pattern here? (1)

Select a narrow subset of the evidence that superficially supports their claims and ignore the broader array of evidence that completely undermines them.

These are “untruths”.

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See the pattern here? (2)

Virtually ALL of their so called “science” is simply trying to find supposed weaknesses in valid scientific theory and display that as proof that “a god did it”

This is pure male bovine ka-ka.

ID-iot's response to “Empirical Evidence”.

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LA LA LA - I'm not LISTENING!!

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