

P-PS07 In Multi-Impact Hypothesis, Mantle-only Planet inevitably collided with Earth, becoming Origin of Moon, Earth's Ocean Floor, and Plate Tectonics.

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P-PS07 Multi-Impact Hypothesis states that Inevitable Collision of Mantle alone formed Moon and Earth's ocean floor and Plate Tectonics.

Impressions of Phantom Planet Sera 2014/01/05 (Sunday) 22:10

"Well, this is my impression after reading your paper."

"What a fearless theory!" "But there is no contradiction in this theory, so I can't deny it." "This may be Truth."

Originally, I felt strange about Asteroid Belt between Mars and Jupiter, but I wondered why there were so many small things gathering in Position and Making a Circle.

It's not gathered, but Remains of one Planet destroyed.

In other words, it is a reversal Idea!

Then who is Culprit who destroyed it?

becomes. That's Jupiter, so Cerra was in an Unlucky Orbit.

Fragments of Serra flew out here and there, becoming Mercury, Pluto, Meteorites, and Comets (Rest being Asteroid Belt). It is Cause of

There have been various theories about Moon, Ocean Floor of Pacific Ocean, Extinction, and Continental Drift, but None of Them have been definitive. can be explained.

"It's so amazing that it will take Time for it to permeate Academic Society." Because More Eminent Scholars are, More Stubborn and Ostentatious they are, like Iron Meteorites.

I think your theory makes more sense than the various theories up until now. Received his e-mail from his best friend Masahiro Kato (Deceased)

In Multi-Impact Hypothesis, a Mantle-only Impactor collided with Earth as a Mantle fragment due to Perturbation of Jupiter, flattening Orbit of Planet at Ceres. Then, Moon, which has an Eccentric Center of Gravity of only Mantle, is ejected, rotates around Common Center of Gravity with Earth, and Front Side always faces Earth A-4. At Maximum Oblate Orbit shown by A-2, Gravitational Pull of Jupiter and Sun exceeded Rupture Strength of CERRA, resulting in a Train Mantle Fragment like Comet Shoemaker. Calculated Velocity and Angle of Inevitable Collision are 12.4km/sec and 36.45°, and Orbital Potential Energy is $60 \times R_e$, which is consistent with Actual Moon. Ejected Earth's Mantle is dense and black on one side, causing Sea and Eccentricity on Front Side of Moon. In this way, it can be said that Multi-Impact Hypothesis can be explained by Abduction, so it can be verified that All Features of Moon can be explained from Hypothesis.

Mr. Wegener's Theory of Continental Drift is a Pioneer of Current Plate Tectonics, but Driving Force of Plates has been unknown until now.

In Multi-Impact Hypothesis, in order to Conceive of an Inevitable Collision Body only for Mantle,

1. Jupiter Collision Event of Comet Shoemaker-Levy-9 (1997),

2. Understand Titius-Bode Law,

3. Know Laws of Physics such as Analytical Power (Perturbation, Potential, etc.),

4. After fully understanding Various Theories in Past,
 Using Original Reasoning and Hypotheses,
 Through creative reasoning = Abduction (solving Inverse Problem by formulating a Hypothesis that can explain all Results of Evolution in a Unified Manner),
 It was necessary to explore Missing Link of Origin.
 Mr. Wegener's Theory of Continental Drift is a pioneer of Current Plate Tectonics, but Driving Force of Plates has been unknown until today, 100 years later. Without experiencing Comet Levi in 1997, Idea of a Train-Mantle Collider Cannot be born, and Inevitability of Mass Extinction of Moon and Species cannot be explained. Only 'Abduction' can prove Origin.

Conventional Hypotheses include α . Thermal Convection Hypothesis, β . Bending Force Theory, $\gamma \dots z$. Plume Theory, etc., was all due to Internal Forces of Earth.

In Multi-Impact Hypothesis, for First Time in World, Plate Driving Force is assumed to be [Combined Force of Earth's Rotation and Eccentric External Force Moment around Common Center of Gravity of Earth and Moon].

As a Result, Stresses, Fractures, and Stresses that occur in Earth cause Evolution of Earth, such as Earthquakes, Faults, Erosion, and Deposition. Without Moon, Earth would not deform.

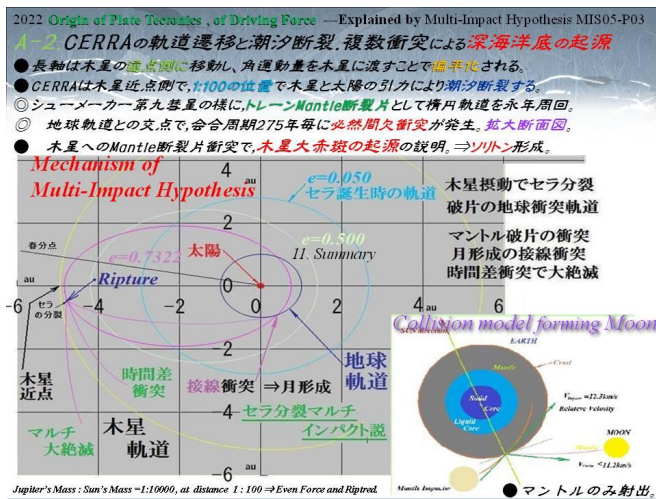
It can explain not only Origin of Moon, but also Origin of Earth's Deep Ocean Floor and Origin of Plate Tectonics (2023-S-IT18), Origin of Jupiter's Great Red Spot (O4-07 2014), Origin of Asteroid Belt and Rock-Aggregate Asteroids (Ryugu, Itokawa, etc.), and Origin of Pluto, which became First Flyby in Solar System can also be explained.

I could assume CERRA Orbit was flattened by Perturbation of Supermassive Planet [Jupiter] accumulated after that, and became a Tidal Rupture.

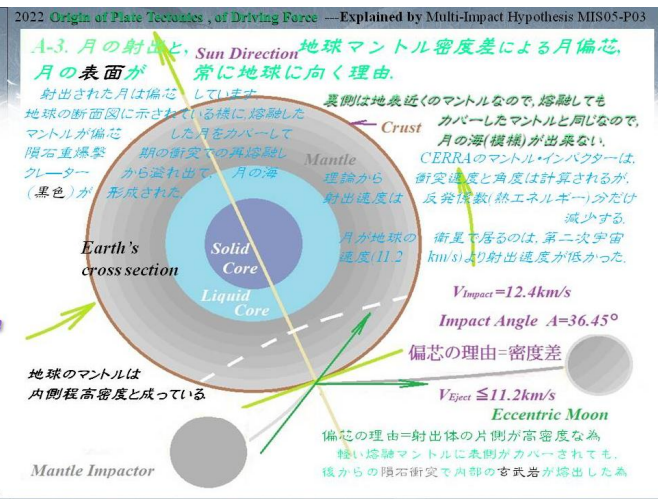
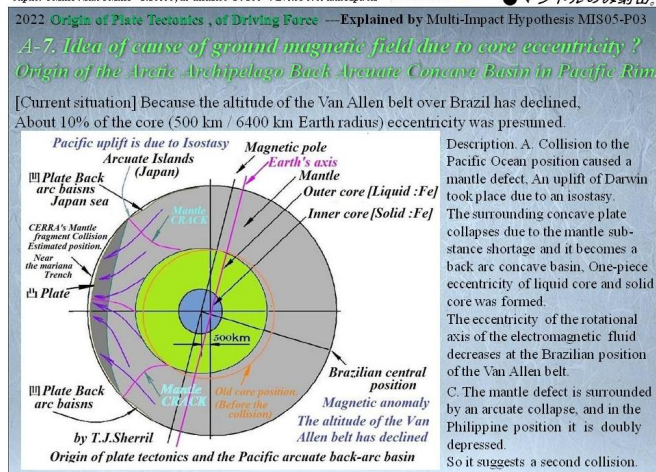
FIG15. Report card for Solar System origin theory By Wood, Kei Kuramoto, Akira Tane.
 Multi-Impact Hypothesis clears all items Most and has Highest Degree of Authenticity.

Seen from space, Origin of Earth is Result of Evolution of Moon, Ocean Floor, and Life.
 It would be futile to explore Present without thinking about their Origins.

Keywords: P-PS07 Multi-Impact Hypothesis states that Inevitable Collision of Mantle alone formed Moon and Earth's ocean floor and PT(A-7)., Giant Impact Hypothesis is a hypothesis that a Mars-sized Impactor crashed into Earth by accident, but it states that Moon was formed with only a mantle in calculations, In Multi-Impact hypothesis, a Mantle-only Impactor collided with Earth as a Mantle fragment due to Perturbation of Jupiter, flattening Orbit of Planet at Ceres A-2, In Multi-Impact Hypothesis, Moon with an eccentric center of gravity of only Mantle is formed, rotates around Common Center of Gravity with Earth, and Front Side always faces Earth A-4, Seen from Space, Origin of Blue Earth is Result of Evolution of Moon, Ocean Floor, and Life Fig16, FIG15. Report card for solar system origin theory By Wood, Kei Kuramoto, Akira Tane. M.I.H clears all items the most and has the highest degree of authenticity.



Jupiter's Mass : Sun's Mass = 1:1000, at distance 1:100 ⇒ Even Force and Ripred.



2022 Origin of Plate Tectonics, of Driving Force — Explained by Multi-Impact Hypothesis MIS05-P03

15. Origin Theory of Solar system **Origin of Moon with Abduction by Evolution.**

Nature is continuous from space to life.

TABLE 3. A "Report Card": The Author's Opinion of How Well Five Models of Lunar Origin Satisfy Seven Constraints. Wood (1986)に 倉本圭氏 加筆 倉本圭氏の図に種子影加筆.

Hypothesis Model	Intact Capture	Coaccretion	Earth Fission	Collisional Ejection	Disintegrative Capture	Multi-Impact Hypothesis by Abduction with Evolution
Lunar Mass, <Mechanism of lunar eccentricity>	B	B	D	I	B	A, <A> eccentricity formation >
Earth-Moon angular momentum	C	F	F	B	B	A, $R_{\text{m}} \approx 60 \times R_{\text{e}}$ cf. $R_{\text{e}} = 6400 \text{ km}$
Volatile element depletion	C	C	B	B	C	A, Collision and ejection, melted
Fe depletion	F	D	A	I	B	A, Impactor is only Mantle.
Oxygen isotopes	B	A	A	B	B	A, Moon Mantle is Earth's one.
(Similarity of mantle trace element patterns)	(C)	(D)	(A)	(C)	(C)	(A, Earth's Mantle has been ejected into Moon)
Magma ocean-Liquid Collision	D	C	A	A	B	None, irrespective of Moon formation
Physical plausibility	D	C	F	I	F	A: Perfection Good
Inevitable Mechanism of Collision	F	F	F	F	F	A, Multi-Impact Hypothesis
Moon always faces to Earth	F	F	F	F	F	A: Eccentric Moon rotates with Earth at common center
Origin of the deep ocean floor	F	F	F	F	F	A, Multi-Impact Hypothesis
Origin of plate boundaries	F	F	F	F	F	A, Opposite crack by mantle impactor
Origin of plate Tectonics, driving force	F	F	F	F	F	A, Minimization of Eccentric Moment of Inertia
Circular Pacific arc islands and back-arc basin	F	F	F	F	F	A, Earth deficiency
Inclination of the Earth's rotation axis	F	F	F	F	F	A, High latitude collision, Formation of Vitis Sea, initiation of Plate Movement
Sudden change in moving direction	F	F	F	F	F	

*For readers unfamiliar with the U.S. educational system: A is the best grade; F (failing) is the worst; I (incomplete) means all assignments have not been completed and a grade cannot yet be awarded.

Inquirer: AKIRA TANIKO
F: Model is limit, impossible.

By Creative Reasoning MIH examines Origin of Ocean, Plate Tectonics, Moon Formation.

左側の5説はMoon Formation Melting, 右端はOrigin of Solar System 仮説, 分化し固体地球へ衝突.