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[JJ] Evening Poster | B (Biogeosciences) | B-CG Complex & General

## [B-CG10]Phanerozoic biodiversity change: Extinction and diversification

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Biotic evolution was the consequence of repeated extinction and following diversification in the past, which was caused by large-scale environmental changes, in particular, by extremely rapid and drastic forcing that changed the environments of the biosphere. Irreversible and episodic changes in material cycling on the planet and in galactic cosmic radiation are nominated as major driving mechanism for the alleged rapid, large-scale environmental perturbations. The biodiversity change in the fossiliferous Phanerozoic record is characterized by 5 major mass extinctions within the long-term trend of diversity increase. Nonetheless, each extinction event has been explained rather in ad hoc manner, without any universal explanation. This session discusses the Phanerozoic biodiversity change under a new light of the recent progress in geology.

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## [BCG10-P03]Enigma of Species Extinction and Mystery of Origin of Deep Ocean Floor, using Abduction by "Multi-Impact Hypothesis" along with Origin of Moon and Plate Tectonics, able to validate simultaneously using Results of one time Evolution

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Keywords:Mystery of species extinction extinction, The mystery of the origin of the earth's deep sea ocean floor,70% of the earth's surface area 5 km deep mystery of crustal detachment, Origin of the moon and plate tectonics, The formation mechanism of the moon eccentric core 2 km, the mystery that the moon rabbit always points to the earth, In creative reasoning, verification is finished if all hypotheses can explain all of multiple results of one-time evolution unifiedly, Multi Impact Hypothesis (CERRA is orbital eccentric due to Jupiter perturbation, intermittent sequential collision of mantle tear fragments ruptured by Jupiter's tidal force)

### 1. Mystery of Species Extinction

In Biological Evolution,several organism Extinctions and adaptive emissions have been confirmed by fossils and others.

At the end of Cretaceous (dinosaur annihilation),Meteorite Collision Theory is effective.

Various extinction causes have been estimated variously, but it was difficult to confirm because it goes back to the past.

Especially in the meteorite collision theory, Grounds for multiple meteorite collisions to Earth were few.

### 2. Mystery of Origin of Earth's Deep Ocean Floor

"Mystery of Altitude Frequency Curve of Earth's Altitude" suggested together with the "Continental Drift Theory",

It is ignored at Same Time because it can not explain Mystery of Driving Force,Nobody has answered it. It becomes magma ocean,it gets cold and hard, it becomes a Single Frequency curve and can not explain

the current state of Dual Frequency curve.

If multiple inevitable collisions can be assumed on the earth, collision will result in mantle defect and can be explained by isostasis. Nobody could inevitably show Mechanism of conflict,

3. Mystery of Origin of Earth's Deep Ocean Floor, 70% of Earth's Surface Area 5 km Depth Mystery of Crustal Detachment.

Actually, 70% of Earth's Surface area is Ocean Floor with a Depth of 5 km.

For mankind to carry out this construction, it takes a lot of time and expense and it is impossible to execute.

Conversely, if you can show the mechanism of inevitable asteroid continuous collision, you can explain and resolve all the mysteries of 1 to 3 items.

4. Origin of the moon and plate tectonics

In Multi Impact Hypothesis <sup>2018 U06-P24</sup> (CERRA is orbital eccentric due to Jupiter perturbation, intermittent sequential collision of mantle tear fragments ruptured by Jupiter's tidal force), CERRA mantle fragments become an Elliptical Orbit in a row, indicating a mechanism that collides time lag at the intersection with Earth Orbit.

At first mantle Collision of moon size, Moon is projected to Orbit of  $60 \cdot R_e$ . ( $R_e$ : 6400 km Earth radius)

A crack will enter the Earth's mantle at the time of Collision, and it becomes Boundary of Plate.

As for Plate Driving Force, Force is the couple where Eccentric Moment of Inertia of Plate is minimized.

When Plates are pushed together, Convex Plate begins to get under Concave Plate.

5. Examination of Large Mammal Species Extinction and Mystery of Origin of Earth's Deep Ocean Bottom using Multi-Impact Hypothesis using Abduction,

If we can verify Multi Impact Hypothesis <sup>2018 U06-P24</sup> with Abduction, we can verify all Mysteries in a unified way. It is an Epoch-Making Verification Method that it is more Conspicuous than a Single Bid.

6. Formation Mechanism of Moon Eccentric Core 2 km, Mystery that Moon rabbit always points to Earth As Earth's Mantle is more dense inside, Eccentric Moon will shine when the Earth's Mantle peels off, the heavier basaltic lava on the surface has become Moon Sea.

It opens around a common center of gravity, which is why Heavy side of Moon (surface) is always facing at Earth.

Origin of Moon, Eccentricity of Moon, Origin of Deep Ocean Bottom, Origin of Plate Tectonics, Driving Force, Origin of Jupiter Great Red Spot, Origin of Asteroid Belt, Origin of Extinction

7. In creative reasoning, verification is finished if all hypotheses can explain all of multiple results of one-time evolution unifiedly.

SCIENCE aims to explore Mysteries. The current situation is too much Analysis and Integration is not done.

It is important to be able to describe Mysteries of all Solar Systems in a unified way with one Origin Hypothesis.