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Origin of oceans

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Körtvélyessy, L.: ORIGIN OF THE OCEANS

Abstract

Every pupil is fascinated by the geographical atlas, which shows the middle oceanic ridges lying mostly perpendicularly to the Equator. About 200 of their lava gaps can be found strictly in a northern-southern direction. How can this alignment come into existence? This paper shows a possible theoretical cause of the lava gaps and their fascinating orientation: Two effects on the lavaflow, which reaches to the surface, align the lava gaps: the Coriolis- and the gyroscope-effect of rotating Earth. At reaching to the surface, the lavaflow is forced by these two effects to divide into a western-eastern direction. Moreover the three main lavaflows from the radioactive core draw (by the Bernoulli-effect) the surface of Earth to a lower level. Therefore we must change our thinking about the origin of the oceans! The basin of the ocean, made by the ridge, originally existed and then Earth cooled down below 100˚C and water filled the basins. “A middle oceanic ridge” did not seek for the middle of the ocean but the ocean seeks for the ridge. Consistently, Venus in a very slow rotation cannot have Coriolis- and gyroscope-effects, or the cold Mars, both do not have ridges but terrible volcanic eruptions in the past. This discovery also shows us why only one ridge exists between two continents.