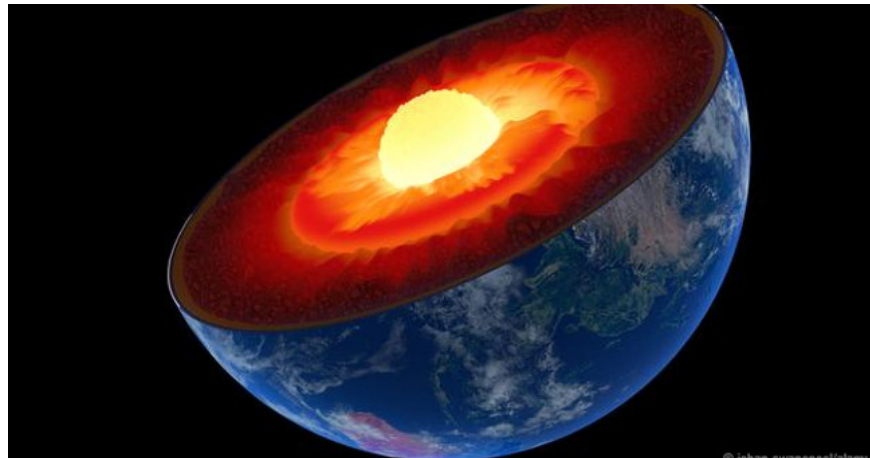


Suddenly discovered life right in the core of the Earth

This finding causes us to change our knowledge about life.

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2,000 discoveries of **Atlantis mountain** hydrothermal vents in the Atlantic Ocean were made by the US National Science Foundation. These spray holes are considered limestone chimneys, which make researchers think of the city of Atlantis as "*Lost City*".



Recently, scientists from the International Ocean Exploration Program (IODP), when studying rock samples taken from the earth's core, accidentally discovered that they reacted to saltwater clearly indicating life.

This is positive proof of where no one still has **a living environment** . At the same time, it makes researchers curious why life can still exist in such a harsh place.

Experts now know that there are bacterial cells and are isolating cells taken from rock samples to conduct experiments to determine if there are bacteria in them.

Professor Gretchen Bernasconi-Green joined the expedition, calling it "**scientific sense**". He explained that: "*The vents are made of calcium or calcium carbon from the precipitated liquid alkali. It is a naturally occurring form of carbon dioxide agglutination.*"

"We want to know how much carbon is stored in the rock like carbonate and latent isolation, especially in artificial CO2 on the seabed or on the land. The serpentinization reaction supports the formation of substances. alkaline in hydrothermal spray holes ".

The place is close to the "Lost City" with tectonic plates drifting to form large ruptures that carry stones from the ground surface.



In Earth's core rock there is **olivine mineral** which turns into serpentine when it meets water at low temperature, producing hydrogen and methane. Both of these gases are the energy source for viral structures without light. Cells can use gas in rocks to carry out metabolic processes. Bacteria can survive in extreme conditions. Liquid alkaline permeates the spray holes, making life exist.

The conversion of olivine into serpentine may also occur on other planets, such as **Mars** . There is obviously methane and hydrogen on it. Some scientists consider it the basis of life on Mars.

The discovery of life in soil samples taken from the Earth's core makes us hopeful of discovering **life on other planets that** seem lifeless and proving that the hypothesis of life needs some of the most conditions. It was wrong. Life is more complex than we thought.

It seems that life can exist in places we don't expect, in an unexpected environment.

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