

Study Guide The Seafloor Answer Key

A protocell is a pre-cell in abiogenesis, and was a contained system consisting of simple biologically relevant molecules like ribozymes, and encapsulated in a simple membrane structure – isolating the entity from the environment and other individuals – thought to consist...

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2020 in science Million Years Beneath the Seafloor Rescued from their cold, cramped and nutrient-poor homes, the bacteria awoke in the lab and grew". The New York Times. - A number of significant scientific events occurred in 2020

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The crew of the Boeing 777-200ER, registered as 9M-MR0, last communicated with air traffic control (ATC) around 38 minutes after takeoff when the flight was over the South China Sea. The aircraft was lost from ATC's secondary surveillance radar screens minutes later but was

tracked by the Malaysian military's primary... 829800a67b Megatsunamis have different features from ordinary tsunamis. Ordinary tsunamis are caused by underwater tectonic activity (movement of the earth's plates) and therefore occur along plate boundaries and as a result of earthquakes and the subsequent rise or fall in the sea floor that displaces a volume of water. Ordinary tsunamis exhibit shallow waves in the deep waters of the open ocean that increase dramatically in height upon approaching land to a maximum run-up height of around 30 metres (100 ft) in the cases of the most powerful earthquakes. By contrast, megatsunamis occur when a large amount of material suddenly falls into water or anywhere near water (such as via... 829800a67b The network comprises 26 independent national/regional organisations in over 55 countries across Europe, the Americas, Africa, Asia, Australia and the Pacific, as well as a coordinating body, Greenpeace International, based in Amsterdam, Netherlands. 829800a67b They should not be confused with sawsharks (order Pristiophoriformes) or the extinct sclerorhynchoids (order Rajiformes) which have a similar appearance, or swordfish

(family Xiphiidae) which have a similar name but a very different appearance.

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Protocell "This A protocell (or protobiont) is a self-organized, endogenously ordered, spherical collection of lipids proposed as a rudimentary precursor to cells during the origin of life. e. power. A central question in evolution is how simple protocells first arose and how their progeny could diversify, thus enabling the accumulation of novel biological emergences over time (i. biological evolution). The study of fuel cells suggest that an important factor in protocell development was that the Earth provides electrical energy at the seafloor. Although a functional protocell has not yet been achieved in a laboratory setting, the goal to understand the process appears well within reach

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Comparison of the DNA genetic sequences of... 829800a67b

Greenpeace It uses direct action, advocacy, research, and ecotage to achieve its goals. Greenpeace states its goal is

to "ensure the ability of the Earth to nurture life in all its diversity" and focuses its campaigning on worldwide issues such as climate change, deforestation, overfishing, commercial whaling, genetic engineering, anti-war and anti-nuclear issues. ship was used during the organization's 2008–11 campaign to disrupt trawling in the North Sea by placing large boulders on the seafloor and then providing Greenpeace is an independent global campaigning network, founded in Canada in 1971 by a group of environmental activists 829800a67b

The global network does not accept funding from governments, corporations...
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Flood geology by seafloor spreading rates and the flushing of seawater through hydrothermal vents which changes its Mg/Ca ratio. In the early 19th century, diluvial geologists hypothesized that specific surface features provided evidence of a worldwide flood which had followed earlier geological eras; after further investigation they agreed that these features resulted from local floods or from glaciers. Phil Senter's 2011

article, "The Defeat Flood geology (also creation geology or diluvial geology) is a pseudoscientific attempt to interpret and reconcile geological features of the Earth in accordance with a literal belief in the Genesis flood narrative, the flood myth in the Hebrew Bible. In the 20th century, young-Earth creationists revived flood geology as an overarching concept in their opposition to evolution, assuming a recent six-day Creation and cataclysmic geological changes during the biblical flood, and incorporating creationist explanations of

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More narrow definitions may be restricted to Caridea, to smaller species of either of the aforementioned groups, or only the marine species. Under a broader definition, shrimp may be synonymous with prawn, covering stalk-eyed swimming crustaceans with long, narrow muscular tails (abdomens), long whiskers (antennae), and slender, biramous legs. They swim forward by paddling the swimmerets on the underside of their abdomens, although their... 829800a67b

Evidence of common descent This forms an

important part of the evidence on which evolutionary theory rests, demonstrates that evolution does occur, and illustrates the processes that created Earth's biodiversity. The succession of fossils in Evidence of common descent of living organisms has been discovered by scientists researching in a variety of disciplines over many decades, demonstrating that all life on Earth comes from a single ancestor. studies conducted utilize seafloor sediments that can provide a significant amount of data concerning planktonic microfossils. It supports the modern evolutionary synthesis—the current scientific theory that explains how and why life changes over time. Evolutionary biologists document evidence of common descent, all the way back to the last universal common ancestor, by developing testable predictions, testing hypotheses, and constructing theories that illustrate and describe its causes 829800a67b

Sawfishes are relatively slow breeders and the females... 829800a67b

Google Earth Google Earth is able to show various kinds of images overlaid on the

surface of the Earth and is also a Web Map Service client. Archived from the original on August 3, 2017. "Google Lat Long:

See the seafloor like never before on World Oceans Google Earth is a web and computer program created by Google that renders a 3D representation of Earth based primarily on satellite imagery. Users may use the program to add their own data using Keyhole Markup Language and upload them through various sources, such as forums or blogs. In 2019. Retrieved August 25, 2010. The program can also be downloaded on a smartphone or tablet, using a touch screen or stylus to navigate. Users can explore the globe by entering addresses and coordinates, or by using a keyboard or mouse. January 18, 2009. The program maps the Earth by superimposing satellite images, aerial photography, and GIS data onto a 3D globe, allowing users to see cities and landscapes from various angles 829800a67b

Malaysia Airlines Flight 370 The cause of its disappearance has not been determined.

It is widely regarded as the greatest mystery in aviation history, and remains the single deadliest case of aircraft disappearance. details of the next phase

of the search were announced; officials have called this phase the "underwater search"; despite the previous seafloor sonar survey Malaysia Airlines Flight 370 (MH370/MAS370) was an international passenger flight operated by Malaysia Airlines that disappeared from radar on 8 March 2014, while flying from Kuala Lumpur International Airport in Malaysia to its planned destination, Beijing Capital International Airport in China 829800a67b

Sawfish Johns Hopkins University Press. They are found worldwide in tropical and subtropical regions in coastal marine and brackish estuarine waters, as well as freshwater rivers and lakes. Archaeology, language, and the African Sawfish, also known as carpenter sharks, are a family of very large rays characterized by a long, narrow, flattened rostrum, or nose extension, lined with sharp transverse teeth, arranged in a way that resembles a saw. ISBN 978-1-4214-0223-9. All species are critically endangered. They are among the largest fish, with some species reaching lengths of about 7–7.6 m (23–25 ft). Blench, Roger (2006). Fishes: The Animal Answer Guide 829800a67b

Megatsunami (0.3-cubic-kilometre (0.58 cu mi) section of the volcano collapsed onto the seafloor north of the island; the collapse was similar in size to the 2.55 cu mi) A megatsunami is an incredibly large wave created by a substantial and sudden displacement of material into a body of water 829800a67b

Shrimp : shrimp (US) or shrimps (UK)) is a crustacean with an elongated body and a primarily swimming mode of locomotion – typically Decapods belonging to the Caridea or Dendrobranchiata, although some crustaceans outside of this order are also referred to as "shrimp". be found feeding near the seafloor on most coasts and estuaries, as well as in rivers and lakes. Any small crustacean may also be referred to as "shrimp", regardless of resemblance. They play important roles in the food chain and are an A shrimp (pl 829800a67b

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