

The layers of the ocean!!!

The layers of the ocean is what makes are ocean. There are multiple layers in our ocean some layer are see through some aren't

The layers:

- Epipelagic zone (sunlight zone)
- Mesopelagic zone (Twilight zone)
- Bathypelagic zone (Midnight zone)
- Abyssopelagic zone (abys)

- Hadalpelagic zone (the trenches).

Epipelagic zone (sunlight zone)

zone can go as low as 656 feet deep.

This zone is known to be able to hold plenty of heat and you can see the sunlight.



Mesopelagic zone (Twilight zone)

This zone can range between 656 feet and 3,281 feet deep. This zone is called the Twilight zone. This zone is home of some of the weirdest sea creatures such as the swordfish and the wolf eel. You can get sunlight in this zone but it will be very faint.



Bathypelagic zone (Midnight zone)

This zone is called the twilight or the dark zone as it is extremely dark. This layer is found 3,281 feet to 12,124 feet deep. If there is any light it is from the sea creatures. The water pressure in this zone is 5,858lbs that is for every square inch. There is a huge number of sea creature found in this layer. Some whale species such as the sperm whale like hunting for food in this layer.

Abyssopelagic zone (abys)

This zone is called abys. It ranges from 13,124 feet and 19,868 feet. This layer name origin from the greek language and it loosely translates no bottom,

because the water pressure is so high animals like squids and sea stars can survive in this environment. Over 75% of the oceans floor can be found in this layer.

Hadalpelagic zone (the trenches)

This layer is called the trenches. It ranges from 19,686 feet to 36,100 feet deep.

There are not many sea creatures on this level but there is one that is and that is starfish. This is the deepest part of the ocean.

EXTRA FACTS!!!

The oceans cover over 70% of the earth's surface. Less than 5% of the earth's oceans have been explored. The world's longest

mountain chain is underwater. There are more world artefacts than in museums. Over 70% of the earth's oxygen is produced in the oceans.

It's possible to find rivers and lakes in the ocean. Around 50% of the US lies under the ocean. The Pacific Ocean has over 25,000 islands in it.