

Ocean Zones: *Life in the Deep*

Instructions: Fill in the chart for each zone with **at least three** factors. Once past the epipelagic zone, many of the factors will be repeated.

Zone	ABIOTIC Factors	BIOTIC Factors
Epipelagic		
Mesopelagic		
Bathypelagic		
Abyssopelagic		
Hadalpelagic		

1. What is the main difference between the epipelagic zone and the rest of the zones?
2. In what ways does this major difference make life easier in the epipelagic zone?

Instructions: Use your own knowledge about the oceans to add species for the epipelagic zone. **For example**, jellyfish, tuna, whales. For the other zones, use the deep sea species cards. e oceans to add species from the epipelagic zone. For the other zones, use the deep sea species cards. Although many of the species live in multiple zones, do not use them more than once. You may also include species not on the cards.

Zone	List species that live here	Special characteristics that allow them to survive in this zone
Epipelagic Depth:	1. 2. 3.	
Mesopelagic Depth:	1. 2. 3. 4.	
Bathypelagic Depth:	1. 2. 3.	
Abyssopelagic Depth:	1. 2. 3.	
Hadalpelagic Depth:	1. 2.	

1. Explain which of the zones has the lowest biodiversity and why.
2. Why do species typically inhabit one or two differences zones, but not more than that?