

Name: _____ Period: _____ Date: _____

Ms. Randall Marine Science
Marine Environments Note packet

I. Major Marine Life Zones

A. **Supratidal zone-** an area of the _____ that gets a fine
_____ from the crashing waves.

- Contains _____.

B. **Intertidal zone-** _____.

- This is where _____.
- The long line of seaweed called the _____.

C. **Subtidal zone-** the area _____ the intertidal zone.

- This zone includes the _____.
- _____ live in the area.

D. **Neritic zone-** lies _____, the shallow part
of the seafloor that surrounds the continents.

- This is the main area for _____.

E. **Oceanic zone-** extends beyond the _____ and includes most of the
_____.

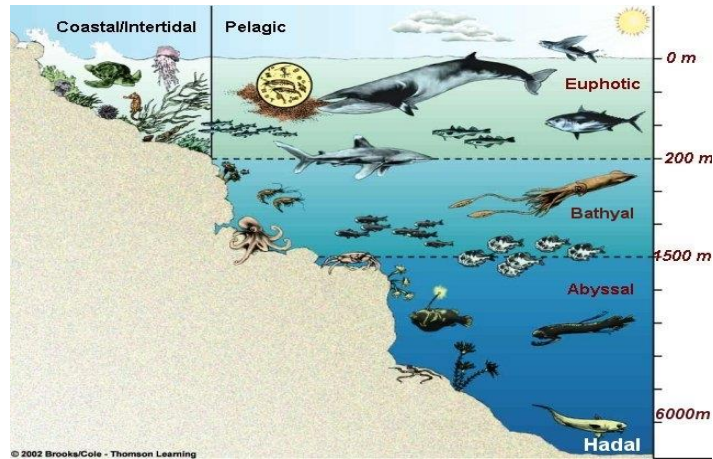
F. **Pelagic Zone-** *Neritic and Oceanic Zones combined*

- **Photic zone-** _____
- **Aphotic zone-** _____

G. **Benthic zone-** includes the _____, from the intertidal zone
to the ocean basin.

- Organisms living here _____ on
the ocean floor.

Summary: Marine Life Zones



II. Other Marine Environments

A. The Estuary

- _____
- Where the freshwater and the salt water meet and mix is called an _____
- The mixture of water that is a combination of salt and freshwater is called _____ water.
- Estuaries are _____ areas....many organisms lay their eggs there.
- Water is calm because they are protected by _____.

B. The Salt Marsh

- _____
- Controlled by tides
- Have _____ rich waters
- Are considered the _____ of the estuary.

C. Mud Flats

- Has dark _____ sand.
- No grasses.
- Little or no _____ in the sand.
- Considered the _____ of the estuary.
- Mud Flats are caused by _____ turning the wastes in the sand into a dark mud.
- Decomposers cause decaying organisms to produce _____.

D. A Mangrove Swamp

- Found in _____ areas.
- _____ are covered by mangrove trees.
- Mangrove swamps protect the shore from _____.
- Mangrove swamps act like _____ and high waters.

E. Coral Reefs

- Has the _____ of all the marine environments.
- Found in _____ zones.
- Reefs are built from the sea floor by coral _____.
- Reefs will grow up to the surface, but _____.
- Australia's _____ is the world's largest natural made structure (2000km), and contains over 1500 species of fish.