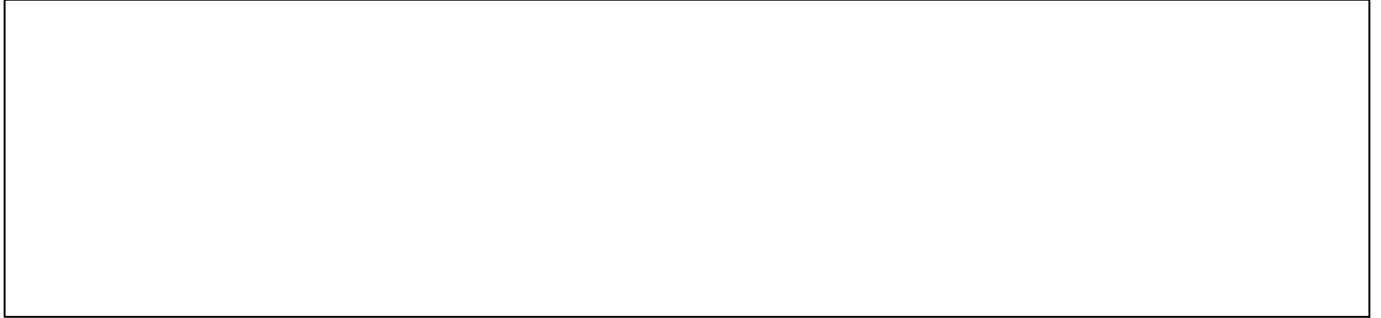


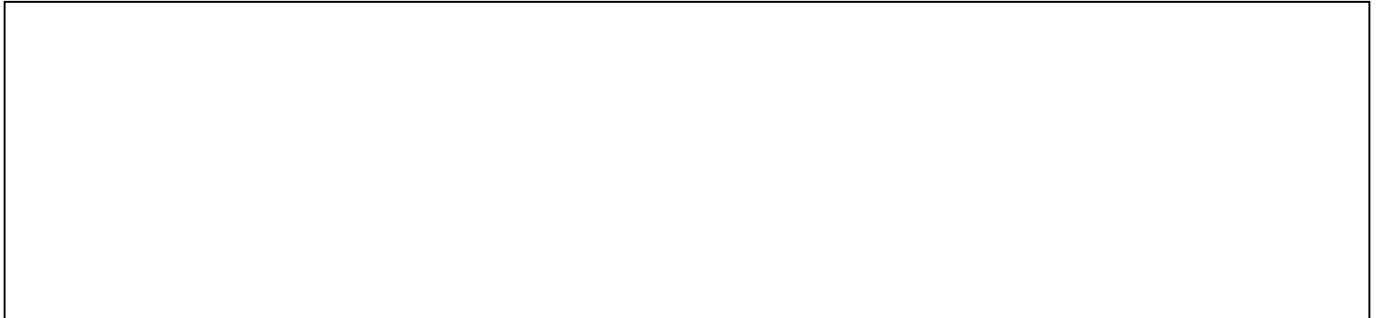
CHAPTER 8: AQUATIC BIODIVERSITY

8-1 What is the General Nature of Aquatic Systems?

- Most of the Earth is Covered With Water



- Most Aquatic Species Live in Top, Middle, or Bottom Layers Duh



8-2 Why Are Marine Aquatic Systems Important?

- Oceans Provide Vital Ecological and Economic Services

- Estuaries and Coastal Wetlands

- Rocky and Sandy Shores

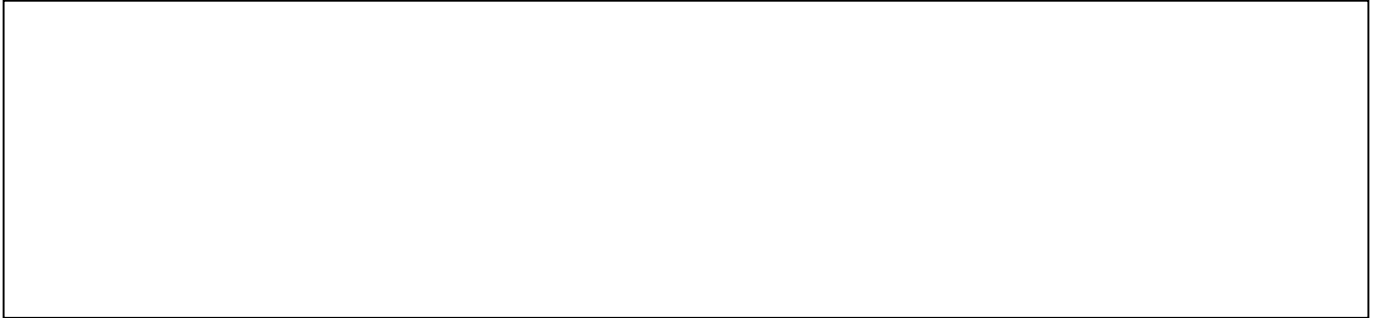
- Coral Reefs – Centers of Biodiversity

- Open Sea and the Ocean Floor

Diagrams:

8-3 How Have Human Activities Affected Marine Ecosystems?

● Disrupting and Degrading Marine Ecosystems



Diagrams:

● The Chesapeake Bay



8-4 Why Are Freshwater Ecosystems Important?

- Standing vs. Flowing





Diagram:

- Nutrients



Diagram:

- Freshwater Streams and Rivers – Mountains to Oceans



● Case Study: New Orleans (Dams, Deltas, Wetlands, Hurricanes)

● Freshwater – Inland Wetlands

8-5 How Have Human Activities Affected Freshwater Ecosystems?

- Disrupting and Degrading

