

## Estuaries / Marine Plants Review

1. What is an estuary?
  
2. What are 2 factors that affect the shape of an estuary?
  
3. How productive are estuaries?
  
4. Lines of equal
  - a. Temperature
  - b. Salinity
  
5. Organisms that can withstand large fluctuations in salinity are called \_\_\_\_\_
  
6. Organisms that can withstand only small fluctuations in salinity are called \_\_\_\_\_
  
7. What is
  - a. Osmoconformer
  
  - b. Osmoregulator
  
8. Where are the most coarse sediments deposited in an estuary?
  
9. Which algae can grow in low light conditions?
  
10. What is (AND be able to identify)
  - a. *Chondrus crispus*
  
  - b. *Ulva*
  
  - c. *Laminaria*

d. Cyanobacteria (Blue-green)

e. *Sargassum*

f. *Ascophyllum*

11. What are the parts of an algae? What is the function of each?

12. Animal life depends on algae for what two things?

13. Which group of algae has the largest thallus?

14. Compare vascular and non-vascular plants. Give examples of each

15. What is a pneumatocyst? What does it do for algae?

16. Name 5 products algae are used in.

17. What is the zonation on a salt marsh? (be able to list the plants that make up the zones)

18. What are 3 ways humans negatively affect estuaries?