

Anacharis Lab

Purpose:

To observe plant cells under the microscope

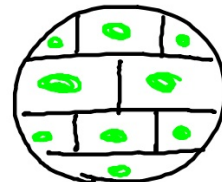
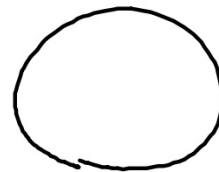
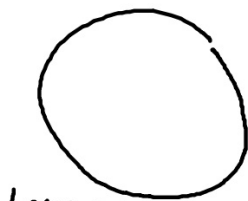
To look at the effect of salinity on plant cells

Materials & Procedure:

Data

Reg H_2O

Salt H_2O



Low or
medium

High

Low or
medium

High

* Draw anacharis in regular water under low/medium and high power

* Draw anacharis in salt water under low/medium and high power

1.

	A Regular H ₂ O	B Salt H ₂ O
Type of transport		
Location of high conc. of water		
Location of low conc. of water		
Direction of water movement		
Direction salt <u>wanted</u> to move		
State the leaf was trying to reach		

Conclusion

2. Explain why the plant cells looked different in regular water vs. salt water. Use the following terms: elastic, **rigid**, wall, **membrane**, vacuole, **expand**, shrink, **chloroplast**, spread out, **clustered**
3. How does this apply to the large intestine or the kidney?

