

Name: \_\_\_\_\_

Period: \_\_\_\_ Date: \_\_\_\_\_

## Seaweed Adaptations: Brown Algae

1. What environments are macroalgae limited to?
2. What specific conditions do these algae need to be able to adapt to?
3. Sea Lettuce lives in the intertidal zone. What happens to it during high and low tide?
4. What adaptation does the *salt sac* (red alga) have to keep it from drying out?
5. What adaptations have algal species evolved to combat grazing by invertebrates?
6. What does the intricate branching pattern of many red algae increase?
7. What arrangement involving *Smithora* do biologists believe to be “mutually beneficial”?