**Fish 310, Spring 2014**

Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Alki Beach: Invertebrate Species Identification

We will be observing and identifying the diverse fauna of the Alki Beach intertidal zone. Please use care when observing and touching the invertebrates that you find. **Avoid lifting up rocks since you may crush animals when you put them back down**. Make sure you take the time to look in crevices and other hard-to-see places because you may find the coolest inverts there!

1. Identify (to the species level) 3 representatives from each of the following phyla: Mollusca, Gastropoda, Echinodermata, Cnidaria. Sketch 1 of these representatives for each phylum.
2. What kind of stressors do you think these animals experience? Describe the adaptations that allow them to cope with these stressors.
3. What is the coolest thing you saw today?
4. Name one new thing you learned about the intertidal zone and its fauna through your careful observations.
5. List all the invertebrates that you found today (genus, species, and common name). The group with the most identifications wins a prize!