

**Biology 452 Field Trip
Alki Beach, May 27, 2009**

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Algae & eel grass where lots of the fish were hiding.



Hard at work right away!



This fish is a tubesnout, which is related to sticklebacks.



Can you tell apart the prickleback & gunnel?



Northern Clingfish



Can you find the 3 sculpins & the 1 poacher (tiny!) in this image?



View from the beach! Low tide was approx. -3.5 at 1:45PM



Alki Beach Field Trip Species List (as seen & heard by Biol. 452 class) May 27, 2009

Class Actinopterygii (species ID are Karen's best guesses, but families & orders are correct.)

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| Order Gasterosteiformes, Family Gasterosteidae Read about this fish here: | Tubesnout (ave size: 3-6") http://www.pnwscuba.com/critterwatchers/pnwmarinelife2005.htm#200508 |
| Order Scorpaeniformes, Family Cottidae | Tidepool Sculpin (ave. size: 3.5") Snubnose Sculpin (ave. size: 2-3") |
| Order Perciformes, Family Ammodytidae Read about this fish here: | Pacific Sand Lance (max. size: 10.5") http://www.ecy.wa.gov/programs/sea/pugetsound/species/sandlance.html |
| Order Perciformes, Family Pholidae | Crescent Gunnel (max. size: 10") |
| Order Perciformes, Family Stichaeidae | Slender Cockscomb (ave. size: 2.5-4") High Cockscomb (ave size: 3-5") |
| Order Perciformes, Family Agonidae (poachers) | Smooth Alligator Fish (max size: 6") |
| Order Perciformes, Family Gobiesocidae | Northern Clingfish (ave size: 2-4.5") |
| Order Perciformes, Family Pleuronectidae | English Sole (ave. size: 10-18") and/or? C-O Sole (ave. size: 6-12") |
| Class Aves | |
| Order Ciconiiformes | Great Blue Heron |
| Order Anseriformes Read about these "sea ducks" here: | Harlequin Duck http://www.birdweb.org/birdweb/bird_details.aspx?id=83 |
| Order Charadriiformes | Glaucous-winged Gull Glaucous-winged - Western Gull Hybrid? Pigeon Guillemot |
| Order Passeriformes | American Crow |