

Biol. 452 Field Trip
Nisqually NWR & Nisqually Reach Nature Center at Luhr Beach, Aug. 6, 2011
Nisqually Reach Tides: Low: 0.3ft at 5:43AM & High: 10.7 ft at 12:22PM

Patricia (Grad TA), Nicole, Joel, Ruby, Spencer (peer TA), Khoa



Sarah (peer TA), Angela, Stephanie & Jen

American Bittern! (Thanks to Joel!)



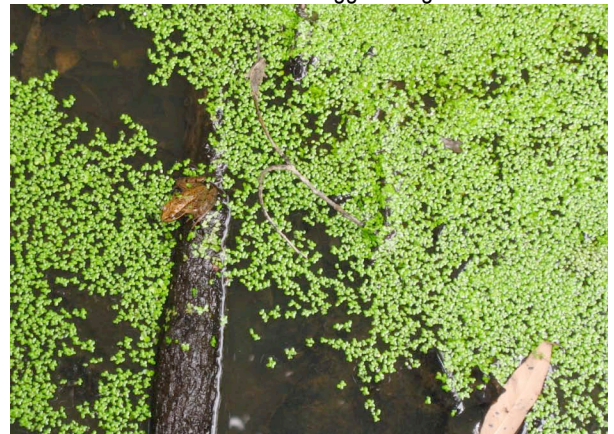
Mule Deer!



Northern Red-legged Frog! (Thanks to Joel!)



Northern Red-legged Frog!



Wildlife Observed at Nisqually NWR & Luhr Beach, Aug. 6, 2011

Class Actinopterygii (* fish seen in aquaria at Nisqually Reach Nature Center)	
Order Cypriniformes	Unknown minnows
Order Gasterosteiformes	Three-spine Stickleback
Order Batrachoidiformes	* Northern Midshipman (Toadfish)
Order Scopaeniformes	* Sculpin
Order Perciformes	* Crescent Gunnel
Class Amphibia (Lissamphibia)	
Order Anura Listen to Red-legged Frog calls: http://www.californiaherps.com/frogs/pages/r.aurora.sounds.html	Northern Red-legged Frog American Bullfrog Pacific Chorus Frog
Class Mammalia	
Order Soricomorpha	Townsend's Mole (mounds only)
Order Rodentia	Vole ("trails" only)
Order Carnivora	Coyote (scat only) Northern Raccoon (tracks only) River Otter (scat only)
Order Artiodactyla	Black-tailed/Mule Deer (+ fawn)
Class Aves	
Order Gaviiformes	Common Loon
Order Pelecaniformes	Double-crested Cormorant
Order Anseriformes Learn about Cinnamon Teal: http://www.birdweb.org/birdweb/bird_details.aspx?id=70	Canada Geese Mallard Wood Duck (+ nest boxes) Cinnamon Teal Hooded Merganser
Order Ciconiiformes Learn about the decline in Amer. Bitterns: http://www.birdweb.org/birdweb/bird_details.aspx?id=40	Great-blue Heron American Bittern
Order Charadriiformes Not sure which sandpipers we saw (perhaps both), so take a look & listed for yourself: Western: http://www.birdweb.org/birdweb/bird_details.aspx?id=168 Least: http://www.birdweb.org/birdweb/bird_details.aspx?id=169 Learn about Caspian Terns: http://www.birdweb.org/birdweb/bird_details.aspx?id=213	Least Sandpiper? Western Sandpiper? Killdeer Glaucous-winged Gull Ring-billed Gull Caspian Tern
Order Falconiiformes	Red-tailed Hawk (Along I-5) Osprey (+ nests near I-5) Bald Eagle
Order Apodiiformes	Rufous Hummingbird
Order Coraciiformes	Belted Kingfisher
Order Piciformes	Downy Woodpecker
Order Passeriformes Read about Common Ravens: http://www.birdweb.org/birdweb/bird_details.aspx?id=318 Listen to Willow Flycatchers: http://www.birdweb.org/birdweb/bird_details.aspx?id=283 Listen to Western Wood-pewees: http://www.birdweb.org/birdweb/bird_details.aspx?id=282 Learn about Orange-crowned Warblers: http://www.birdweb.org/birdweb/bird_details.aspx?id=169	Barn Swallow (+ nests) Cliff Swallow (+ nests) Tree Swallow Purple Martin (+ nest boxes) American Crow Common Raven Brown-headed Cowbird Black-capped Chickadee (heard) Marsh Wren (heard) Winter Wren Cedar Waxwing American Robin Willow Flycatcher Western Wood-pewee (a flycatcher) Orange-crowned Warbler Common Yellowthroat Song Sparrow Savannah Sparrow American Goldfinch House Finch