A Guide to Identification of Stillwater-Breeding Amphibians in lowland Clark, Cowlitz and Wahkiakum Counties, Washington State

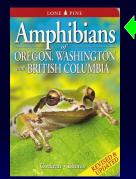
MARC HAYES WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

Regional Amphibian Guides

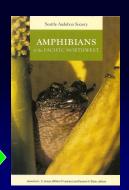
Corkran & Thoms. 2006.

Amphibians of Oregon, Washington

and British Columbia. Lone Pine Press.



Jones, Leonard & Olson (editors). 2005. Amphibians of the PNW. Seattle Audubon Society.



Amphibian Groupings

Are based on their reproduction in each of:



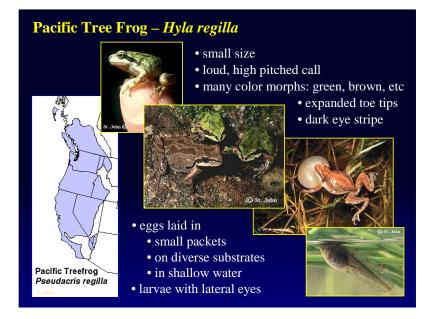
Stillwater Breeding Amphibians



- eggs laid in exposed locations
- pigmented eggs
- aquatic larval stage
- no parental care
- 4 salamander species and
- 11 frog and toad species (2 exotic)







Northern Red-legged Frog – Rana aurora



- eggs laid
- on vegetation brace
- in grapefruit-sized mass
- submerged or at water surface
- larvae
- grow to a large size (90-110 mm)
 have dorsal eyes



 green present ears large

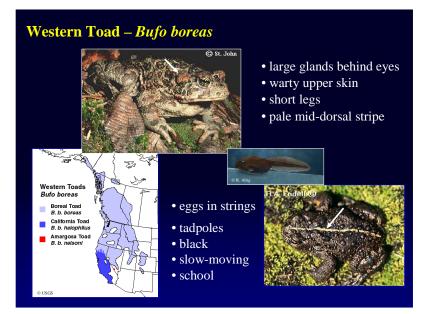
large body size

• alarm chirp no dorsolateral folds

• if spotted, irregular

• reduced webbing

• red or pink wash beneath



American Bullfrog – Lithobates (Rana) catesbeianus



• egg mass • a surface film with tiny eggs • draped over/around aquatic vegetation





