

UPPER COLUMBIA SALMON RECOVERY BOARD



2014 LIFE HISTORY WORKSHOP

APRIL 16th - WENATCHEE, WA

PANELIST QUESTIONS

Morning Panel: Life History Patterns and Habitat Use in the Upper Columbia

Spring Chinook by subbasin followed by steelhead by subbasin, addressing each life stage and key question using maps, data, reports, and discussion.

Focus:

- Spring Chinook and Steelhead
- Adult Migration/Holding
- Spawning
- Fry
- Summer Parr
- Winter Juvenile
- Emigrant

Key Questions (subbasin specific):

- What is the timing of this life stage?
- What is the age-structure of this life stage (spawners and emigrants)?
- What are the known areas of occupancy and use? How much do fish move during this life stage?
- What are the habitat characteristics of these areas?
- What environmental factors most influence behavior and survival?
- What do we know about survival, growth, and carrying capacity of this life stage?

Afternoon Panel: Application of Life History and Habitat Use Information

Focus:

- Project planning and design, and permitting

Key Questions

- Have you incorporated life history requirements/habitat preferences into your projects? OR how should life history requirements/habitat preferences be incorporated into projects?
- Are there any examples you know of where fish life history and habitat preferences were a guiding factor for the project or program (inside or outside the Upper Columbia region)?
- What type of information on life history/habitat use has been or should be used?
- Are there specific life history requirements that need to be considered in projects? Why or why not?
- How is life history and habitat preferences considered in the permitting process?
- How are work windows and permit requirements linked to life history and habitat preferences?