FOCUS

Russian River Salmonids

Overview/Life History/Current Status

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Northern Region
Department of Fish and Game









Scope.....

- Focus on Salmonids
- Species Overview
- Life Histories
- Timing

Many Potential Impacts

- Water Diversion
- Dams/Bridges other Barriers
- Erosion/Sedimentation
- Channel Excavation
- Poaching
- Loss of Riparian Habitat
- Pollution



CDFG is Invested.....

- Habitat Restoration
- Fish Hatcheries
- Enforcement
- Research
- Education
- Trustee Agency



Context.....



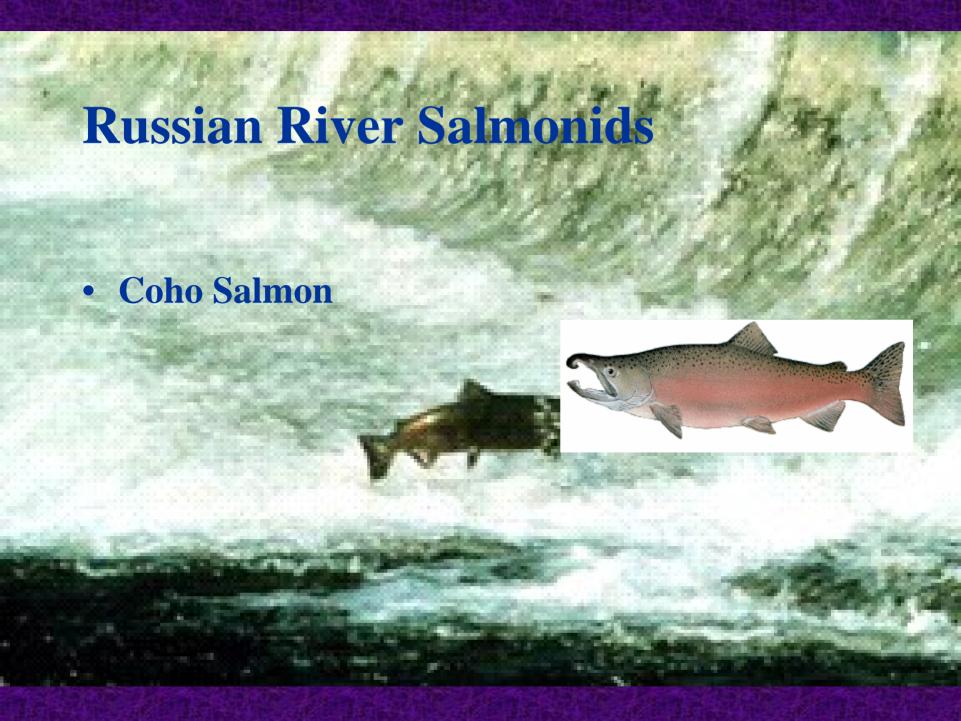
















Salmonid Life History

- Adult Migration
- Spawning
- Egg Incubation
- Emergence/Fry
- Juvenile Rearing
- Out-migration (smolt)

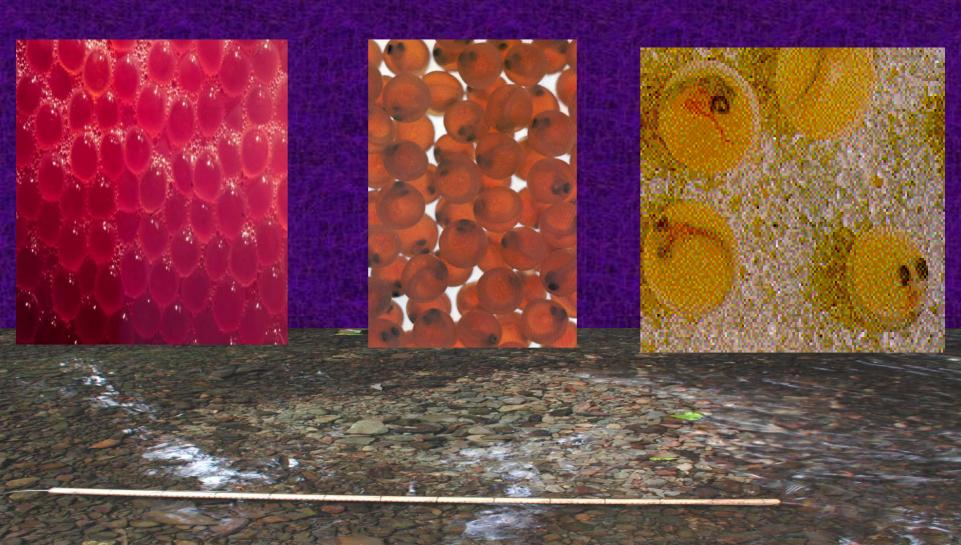


Adult Migration

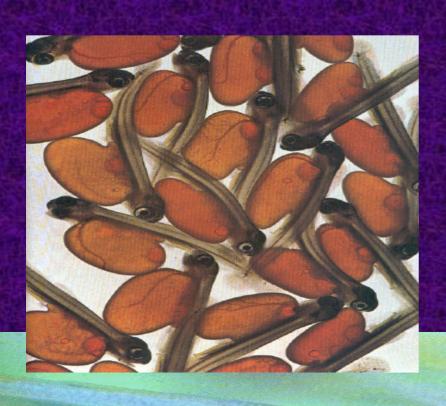


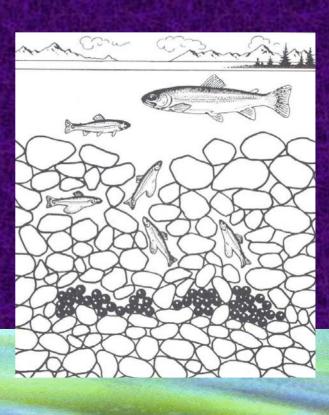
Spawning

Egg Incubation



Emergence/Fry







Out-migration



Timing.....

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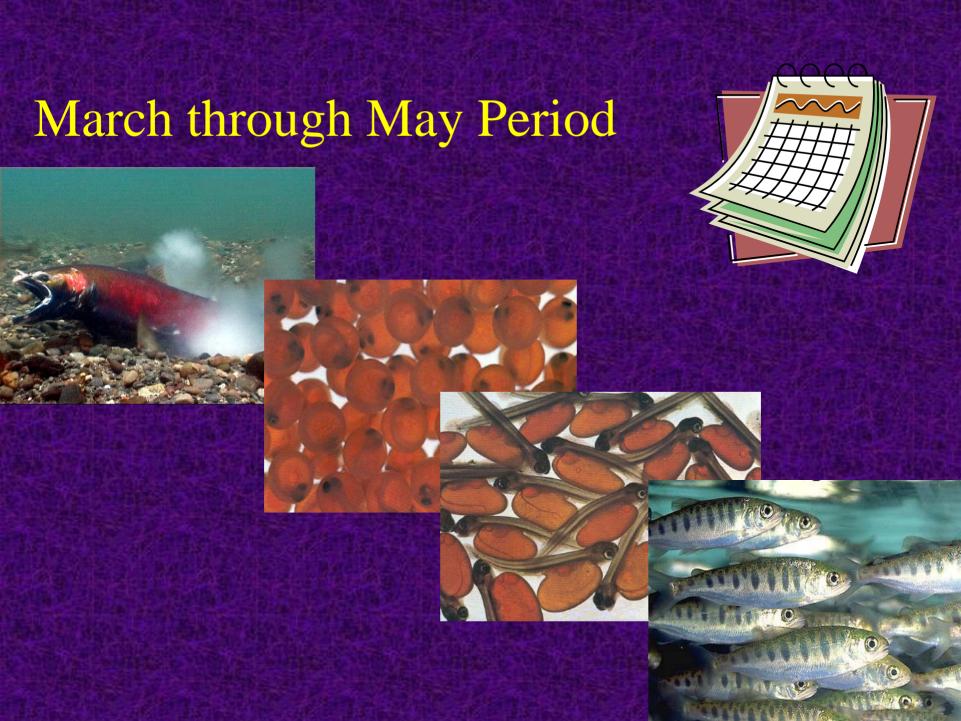


Chinook, Coho, Steelhead Life History Stages and Timing California Coastal Watersheds

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Adult Migration												
Spawning												
Egg Incubation												
Emergence/ Fry												
Out- Migration												
Juvenile Rearing												

Potential Risks....

- Adult Migration
- Spawning
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- Juvenile Rearing
- Out-migration (smolt)



Potential Risks....

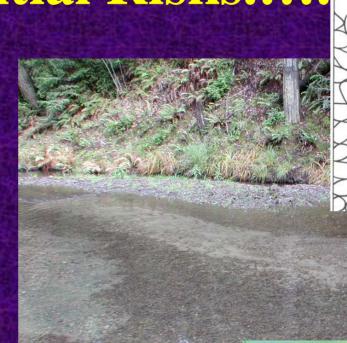
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- Spawning
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- Emergence/Fry
- Juvenile Rearing

Out-migrat

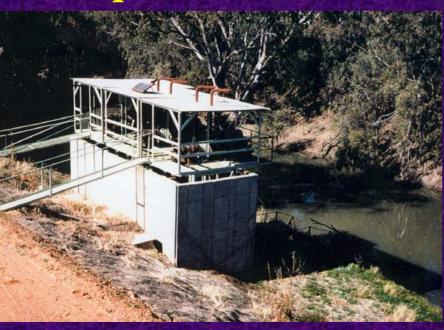






Minimize Risk.....

- Understand Life History Patterns
- Avoid or minimize impacts during critical periods





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Summary.....

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