

Native Fisheries Restoration

20% Fee Demo Project to
Improve Native Fisheries

Project Outline

- Initiated in spring of 2007 will continue to 2011. Hopefully!
- \$150,000 per year (\$750,000 total)
- Most projects are multiple year
- Target native fish restoration or enhancement, non-native removal, restore degraded habitat

Current Projects

- Pictured Rocks National Lakeshore, MI, Lake Superior
- Santa Monica Mountains Recreation Area, CA
- Point Reyes National Seashore, CA
- North Cascades National Park, WA
- Big South Fork National River, TN
- Dinosaur National Monument, CO
- Capitol Reef National Park, UT

Pictured Rocks: restore and investigate coaster brook trout population in Sevenmile creek

- To better understand coaster brook trout behavior and life history
- Population survey
- Non-native salmonid removal
- PIT tag brook trout
- Graduate student





Sevenmile Creek at Pictured Rocks National Lakeshore. One the streams where control of non-native steelhead and salmon is being undertaken to allow for expansion of the coaster brook trout population.

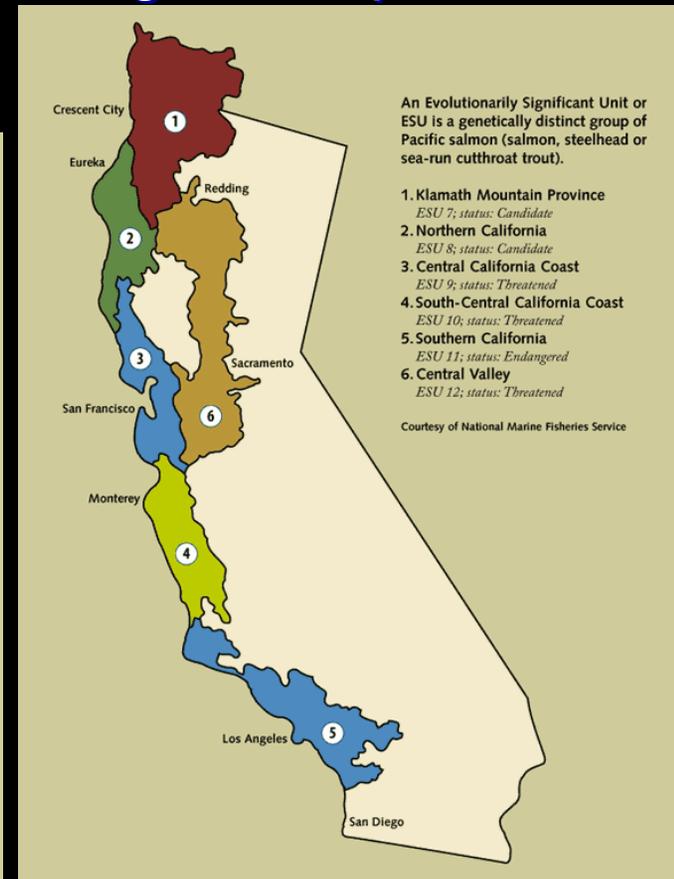
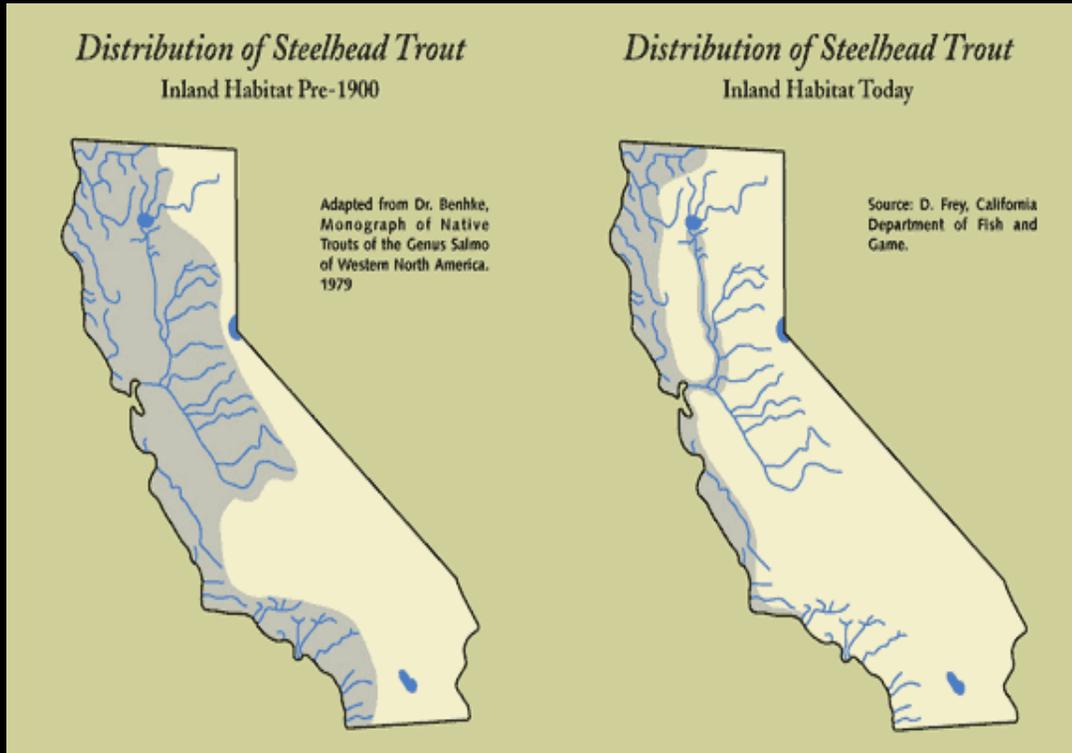
Santa Monica Mountains: invasive plant removal from riparian areas

- Invasive plant species in steelhead watersheds
- 3 year removal protocol



Santa Monica Mountains

- Project part of California steelhead management plan

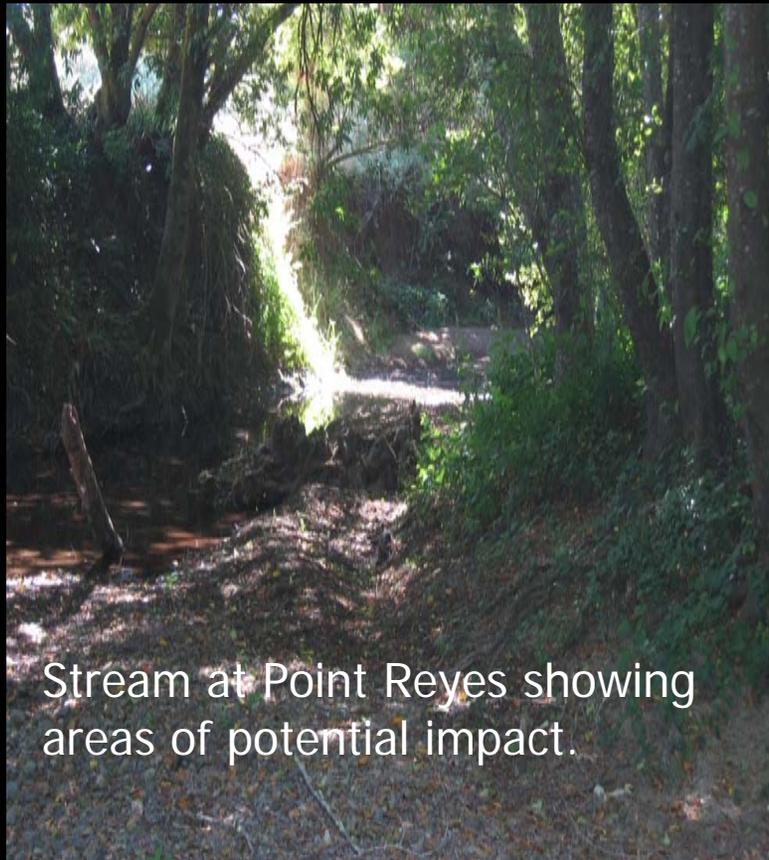


Point Reyes: Cape Ivy removal from Lagunitas and Glenbrook creeks

- Coho habitat



- Cape ivy introduction
- 3 year removal protocol
- Removal improves bank stabilization, YOY coho habitat, and stream shading



North Cascades: non-native removal from high mountain lakes

- Historically fishless lakes



- Rainbow trout removal in conjunction with high mountain lake study (long toed salamander)
- 3 year project
- Improve fishery and reduce impact



Big South Fork: habitat rehabilitation for native mussel

- Historic river crossing
- Maintain crossing and minimize impact
- 2 year project
- Innovative technique using slab rock and tri-block



DINO: native fish species spawning habitat

- Native fish spawning grounds, Green river
- Tamarisk invasion and removal



Photo by James E. Johnson

Colorado pikeminnow can grow to nearly 6 feet long and are one of the largest minnows in the world.

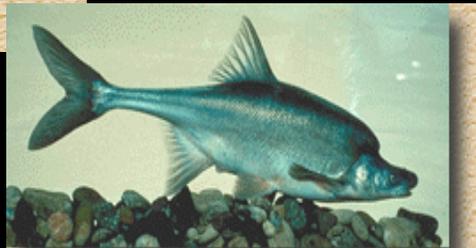


Photo by John Rinne

Humpback chub can survive more than 30 years in the wild.



- 2 year project
- Ongoing research



Diorhabda elongata

Capitol Reef: roundtail chub transplant

- Roundtail chub
- Fish relocation: Escalante to Fremont



- Isolated area of the stream
- Complications with future water use projects

