

JENNIFER BULL
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1625 S. Main Street
Yreka, CA 96097

(530) 842-0805 Work

EDUCATION

University of California, Davis
Bachelor of Science, Biological Sciences - June 1986
California State University, Sacramento
Graduate courses in fisheries, wildlife and biology (36 units)

EMPLOYMENT HISTORY

Senior Environmental Scientist (Supervisory)

May 2016-present

California Department of Fish and Wildlife
Northern Region, Fisheries Program

Supervise Yreka Fisheries staff involved in research and monitoring, grant and fish screen programs. Review grant proposals for restoration in Siskiyou County. Coordinate with other State and Federal agencies regarding fishery issues, permitting, Klamath Dam removal, and safe harbor and lake and streambed alteration agreements.

Environmental Scientist

September 2011-present

California Department of Fish and Wildlife
Northern Region, Fisheries Program, Siskiyou County Unit ES

Perform the duties of unit Siskiyou County ES conducting assessments to determine the status of existing fisheries and develop management strategies to maintain and enhance fisheries. This includes fish and amphibian surveys, management plan development, restoration project development, fish rescue and relocation, water quality monitoring, fishing regulation changes, fish stocking allotments and prestocking evaluations. Develop and implement aquatic biodiversity management plans to mitigate the effects of trout stocking on lakes with sensitive species. Write MOUs for CESA and fully protected species. Provide fisheries input for CEQA and CESA projects, incidental take permits, scientific collecting permits, water rights applications and restoration projects. Contract manager for Scott and Shasta rivers flow study development. Assist with investigations of CESA take cases. Outreach to schools, fishing and outdoor organizations. CDFW representative on the Klamath Sucker Recovery Implementation Team and advisory committee member for the Scott River Water Trust. Attend meetings including Scott River Watershed Council, Klamath Basin Monitoring Program, CA Aquatic Bioassessment Workgroup, and the Siskiyou County Fish and Game Commission. Respond to public concerns and inquiries. Lead person for seasonal staff. Work with State and Federal agencies, tribes, conservation groups and landowners for restoration opportunities and other issues. Currently the acting Yreka Fisheries Senior ES (Supervisor).

Environmental Scientist

November 1999-August 2011

California Department of Fish and Game
Northern Region, Habitat Conservation, Interior Timberland Planning

Participated with an interagency team reviewing timber harvesting plans to ensure compliance with CEQA, CESA, Fish and Game Code, and the Forest Practice Rules. Attended preharvest inspections, consulted on Federal, State, and Board of Forestry special status species, and proposed mitigation to protect terrestrial, aquatic, and botanical resources. Coordinated with other agencies including CalFire, USGS, and NCRWQCB. Member of the Battle Creek Task Force. Reviewed and wrote lake and streambed alteration agreements for timberland owners. Conducted monitoring for implementation and effectiveness of recommendations made in THPs and LSAAs, including water temperature and relative humidity monitoring. Assisted other DFG staff to develop landscape scale management plans and planning recommendations for fish and wildlife resources. Prepared documents including PHI reports, CESA consultations, and consistency determinations for HCPs.

Conducted CESA consultations for Siskiyou Mountains salamanders, Scott Bar salamanders and coho salmon. Developed a delisting petition for Siskiyou Mountains salamander and subsequent status review and environmental document. Attended meetings and presented petition information to the Fish and Game Commission. Worked with ArcMap analyzing spatial data for THP review. Conducted field monitoring including electrofishing, streamflow measurements, temperature monitoring, and surveys for several State-listed salamanders and other amphibians. Participated in work groups as appropriate. SEMS/NIMS/ICS training.

Associate Biologist (M/F)

August 1996-October 1999

California Department of Fish and Game

San Joaquin Valley and Southern Sierra Region, Anadromous Project

Conducted surveys for anadromous fish in the Merced River including fall-run Chinook escapement surveys including live and redd counts and outmigrating juveniles using rotary-screw traps, seines, and snorkel surveys. Supervised coded-wire tagging (CWT) and other marking at Merced River Hatchery. Conducted survival studies on the Merced River using CWT'd Chinook smolts. Monitored streamflow, DO, turbidity and temperature. Conducted age and growth analyses of Chinook salmon and steelhead scales. Analyzed data and prepare annual Sport Fish Restoration Act reports. Coordinated fish allocations at MRH with various state and federal agencies, irrigation districts, and consultants. Worked with local water districts scheduling streamflows and landowners regarding habitat restoration projects. HAZWOPER trained. Participated in stakeholder groups. Lead person for permanent and seasonal staff. Prepared grant proposals, wrote and managed contracts. Performed acting Senior Biologist duties for the Anadromous Project for six months.

Biologist (M/F)

March 1991-July 1996

California Department of Fish and Game

Bay-Delta and Special Water Projects Division, Delta Fish Facilities Studies

Real Time Monitoring-As Data Review Team member, prepared the daily summary of data for Internet posting. Scheduled boats and boat operators. Boat operator as needed.

Fish Facilities Unit- Prepared study designs, collected, analyzed, and interpreted data to evaluate the impact of proposed and existing facilities on fish species composition in the Sacramento-San Joaquin Delta. Sampling methods used included hydroacoustics, gill nets (drift and set), electrofishing (boat and backpack), midwater, Kodiak, and otter trawls, tow nets, push nets, hoop nets, seines, and hook and line. Conducted experimental predator removal in Clifton Court Forebay (CCF), conducted periodic mark/recapture population estimates of striped bass and Petersen disc tagging of striped bass. Analyzed catch-per-unit-

effort data to evaluate effectiveness of removal program. Conducted predation loss experiments in CCF using marked juvenile Chinook salmon and striped bass. Used sonic and radio tags to track Chinook salmon movement in response to various structures. Operated small to midsize boats. Prepared scientific reports describing research plans, results, and recommendations. Lead for permanent and seasonal employees. Safety Committee member responsible for field and boat safety.

Graduate Student Assistant

April 1989-February 1991

CA Department of Fish and Game

Bay-Delta and Special Water Projects Division, Delta Fish Facilities Studies

Research included the design and implementation of an experimental hydroacoustic study on target strengths of Chinook salmon and striped bass. Experience in handling and trucking live fish. Analyzed field data. Lead for scientific and seasonal aids. Assisted Wild Trout Program with electrofishing surveys.

Fish and Wildlife Seasonal Aid

April 1988-December 1988

California Department of Fish and Game

Bay-Delta and Special Water Projects Division, Delta Fish Facilities Studies

Collected fish data using various techniques including hydroacoustics, midwater and otter trawls, gill nets, and seines. Operated boats used in sampling, conducted boat maintenance, and utilized shop equipment for construction and repairs. Analyzed stomach contents in a laboratory.

AFFILIATIONS/TRAINING

- AFS
- ArcView 9
- ATV operation and safety
- Backcountry Horsemen of California
- Communicating with Difficult People
- Ecology and Management of Headwater Streams
- EEO counselor and training
- Fluvial geomorphology
- Intro to Grant Proposal Writing
- Listening Skills
- Media Relations
- Natural Resources Communication Workshop
- Public Relations
- SIMS/NEMS/ICS/HAZWOPER
- Stepping Up to Supervision
- Time Management