

Jessica Fay Wheeler
Wildlife Ecologist
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EDUCATION

B.S. Biology, with a Marine Emphasis, 1990. Humboldt State University, Arcata, CA.

EMPLOYMENT HISTORY

2002-Present	Wildlife Ecologist , Dawn Reis Ecological Studies
2011-Present	Field Ecologist , WIFSS, UC Davis
2011-Present	Field Ecologist , EMC Planning Group LLC
2008-2010	Field Biologist , Don Alley & Associates
1999-2004	Assistant Field Biologist , Monterey Peninsula Water Management District
1994-2003	Naturalist, Instructor , Monterey Bay Kayaks
1997-1999	Naturalist , Great Adventure Tours

REPRESENTATIVE EXPERIENCE

2002-Present **Dawn Reis Ecological Studies, Watsonville, CA**

- Conducted pre-construction wildlife surveys for nesting birds, potential bat roost, California Red-legged Frogs (CRLF), and non-native bullfrogs;
- Monitored construction activities to find and remove wildlife out of harm's way;
- Focused day time and night time surveys for CRLF included adults, sub-adults and tadpole captures and relocations;
- Conducted CRLF rescues and relocations of captured frogs from focused surveys, project related dewatering, and from construction monitoring. All surveys for the California red-legged frog (CRLF) and the California tiger salamander (CTS) were conducted in accordance with the Avoidance and Minimization Measures detailed in the U.S. Fish and Wildlife Service (USFWS) Biological Opinion (File No. 233030S)(8-8-13-F-24R).

REPRESENTATIVE EXPERIENCE

2002-Present **Dawn Reis Ecological Studies, Watsonville, CA**

- Site supervisor and wildlife ecologist for the San Clemente Dam Removal and Carmel River Reroute
- Site supervisor for the Carmel Operations Project, Carmel River CA.
- Conducted pre-construction wildlife surveys for nesting birds, potential bat roost, California Red-legged Frogs (CRLF), and non-native bullfrogs;
- Monitored construction activities to find and remove wildlife out of harm's way;
- Focused day time and night time surveys for CRLF included adults, sub-adults and tadpole captures and relocations;

- Conducted CRLF rescues and relocations of captured frogs from focused surveys, project related dewatering, and from construction monitoring. All surveys for the California red-legged frog (CRLF) and the California tiger salamander (CTS) were conducted in accordance with the Avoidance and Minimization Measures detailed in the U.S. Fish and Wildlife Service (USFWS) Biological Opinion (File No. 233030S)(8-8-13-F-24R).
- GIS mapping
- Graphic design

2011

Western Institute for Food Safety Research, UC Davis, Davis, CA

- Site coordinator for land managers and land owners,
- Researched and implemented field study techniques and captured amphibians and reptiles within agricultural fields producing leafy greens. Sampled water and animals for O157:H7 and Salmonella. And submitted samples to UC Davis for analysis.

2011

EMC Planning Group LLC

- Wildlife monitor for nesting bird disturbance during construction.

2008-2010

Don Alley & Associates, Santa Cruz, CA

- Assisted in annual censuses of juvenile steelhead and Coho salmon in Santa Cruz and San Luis Obispo County streams;
- Steelhead Monitoring Studies; seining coastal lagoons
- Censused California red-legged frogs, foothill yellow-legged frogs, western pond turtles, California giant salamanders, coast range and rough skinned newts, tidewater gobies, pacific lamprey.

1999-2004

Monterey Peninsula Water Management District, Monterey, CA

- Field Biologist for riparian restoration and monitoring for the Carmel River System and Lagoon, ground water pumping, water table draw down and the effects on the surrounding vegetation.
- GIS mapping for the data concerning current and historical CA Red-legged frog sightings for the Habitat Management Plan data in Carmel Valley.

1994-2003

Monterey Bay Kayaks, Monterey, CA

- Naturalist kayak guide and educator on Monterey Bay and Elkhorn Slough, Sea Kayak instructor, Retail sales associate.

1997-1999

Great Adventure Tours, CA

- Conducted educational hikes and kayak tours for school groups in the Monterey Bay Area with an emphasis human relationships to the natural environment and natural history.

PROFESSIONAL DEVELOPMENT

- 2007 California Tiger Salamander Workshop & Certification, the Elkhorn Slough Coastal Training Program, Watsonville, CA
- 2004 Western Pond Turtle Workshop: David Cook produced by the Wildlife Society, Western Section, Sonoma State, CA
- 2003 Sudden Oak Death Workshop, Santa Cruz County Resource Conservation District
- 2001 GIS I, Water Use and Consequence for Steelhead in the Lower Carmel River & GIS II, Habitat Modeling Techniques for Giant Kelp. Marine Advanced Technology Education Center, Monterey Peninsula College, Monterey, CA.
- 2001 Photoshop I & II. Monterey Peninsula College, Monterey, CA.
- 1999 Watershed Systems Restoration. California State University at Monterey Bay, Marina, CA.
- 1999 Bio-technical Erosion Control Workshop, Santa Cruz County Resource Conservation District.
- 1991 Undersea Photography. Brooks Institute of Photography, Santa Barbara, CA.