

VICTORIA K. POULTON, *Research Biologist / Project Manager*



EDUCATION

M.S.	University of Wyoming, Laramie, Wyoming	2001	<i>Zoology, Minor: Statistics</i>
B.S.	Humboldt State University, Arcata, California	1997	<i>Environmental Biology, Minors: Zoology, Studio Art</i>

PROFESSIONAL EXPERIENCE

2004-Present	<i>Research Biologist</i> , Western EcoSystems Technology, Inc., Cheyenne, Wyoming
2001-2004	<i>Research Assistant</i> , South Slough National Estuarine Research Reserve
1999-2001	<i>Teaching Assistant</i> , University of Wyoming Department of Zoology & Physiology, Laramie, Wyoming
1998	<i>Marine Mammal Observer</i> , Oregon Department of Fish & Wildlife
1998	<i>Teaching Assistant</i> , Oregon Institute of Marine Biology, University of Oregon, Eugene, Oregon
1998	<i>Volunteer</i> , Hawaiian Islands NWR at Tern Island, USFWS.
1997	<i>Intern</i> , Hopper Mountain NWR Complex, USFWS.

PROFESSIONAL SUMMARY

Victoria Poulton has over 10 years of private and academic experience in research and monitoring. Victoria joined WEST in 2004 and has since participated in a variety of natural resources studies and surveys for public and private clients. She was also the WEST GIS specialist from 2004 to 2007. As a Project Manager at WEST, Victoria has prepared proposals and budgets, trained staff, conducted field work, and written and edited reports for pre- and post-construction wildlife studies at multiple wind-energy facilities. In addition, she has participated in field surveys along natural gas pipelines, delineated wetlands and monitored wetland mitigation sites, performed site-screening surveys for wind power, coral-bed methane drilling, and Wyoming Department of Transportation projects, prepared or assisted with preparation of NEPA documents, and conducted terrestrial, aerial, wetland, and aquatic wildlife surveys. Victoria also has experience researching the ecology of coastal and estuarine systems, with an emphasis on benthic ecology, physiological ecology of diving ducks, and ecology of seagrasses.

Project Management: Victoria is the Project Manager for a number of pre- and post-construction monitoring projects and wind-energy facilities in the western U.S. As a Project Manager, Victoria designs studies, hires and trains technicians, and coordinates with clients to ensure that wildlife, vegetation, and sensitive species resource surveys and review are completed on time, in budget, and meet the needs of clients and resource agencies.

NEPA: Victoria has prepared or assisted with the preparation of Environmental Assessments and Biological Evaluations for land development projects, wind-energy facilities, the USDA Conservation Reserve Program (CRP) and Wyoming Department of Transportation road projects. She assisted with mapping, field surveys, and writing portions of the Environmental Impact Statements for the Halligan Seaman Water Management Project, a large-scale water supply project for the Cities of Fort Collins and Greeley; the Westside Irrigation District, involving a land transfer from the Bureau for Land Management to the Westside Irrigation District, and wind-energy facilities in California, Oregon, Washington, and Michigan.

Wildlife and Environmental Studies: Victoria has extensive field experience in a variety of habitats conducting general wildlife observations and census studies for wind energy developments, natural gas pipelines, and highway corridor projects. Much of her experience involves birds, including year-round bird use observations, breeding bird surveys, mist-netting, seabird banding and productivity monitoring, duck time-activity budget observations, grouse lek surveys and capture for radio-tagging, aerial surveys for grouse, golden eagle, and raptor nests, and sensitive species presence/absence surveys. She also has conducted fish seining, benthic invertebrate sampling, and vegetation sampling.

ADDITIONAL EXPERIENCE

Research Assistant, South Slough National Estuarine Research Reserve – 2001-2004: Assist in design and implementation of a multi-agency, grant-supported project investigating effects of oyster culture on eelgrass beds and associated faunal communities. Specific duties include: attending and commenting on study design committee meetings; preparing for and conducting field work (often under inclement conditions); preserving. Sorting, and identifying benthic samples; data analysis and database management; design and presentation of posters and talks at academic meetings; writing annual and final grant reports; compilation and creation of graphics for major site description document.

Teaching Assistant, Department of Zoology and Physiology, University of Wyoming – 1999, 2000-2001: Taught basic concepts in biology, led laboratory activities, designed and graded quizzes, administered exams, aided students in design and execution of (for many) their first scientific research project, graded final presentations and papers.

Marine Mammal Observer for Oregon Department of Fish & Wildlife – 1998: Observed pinniped activities, particularly predation; identified pinnipeds and salmonids; collected scat to learn more about the impact of pinniped predation on threatened salmon populations.

Teaching Assistant at Oregon Institute of Marine Biology – 1998: Duties included helping instructors with logistical aspects of classes and field biology such as orienting students, driving vans, arranging paperwork and equipment; benefits included the opportunity to audit classes covering a broad range of study; wetland restoration, toxic tides, biology of rocky intertidal, scientific illustration, marine birds and mammals.

Volunteer for Hawaiian Islands NWR at Tern Island, U.S. Fish & Wildlife Service - 1998: Duties included data collection on long-term monitoring plots; counting, banding, and measuring breeding seabirds, data entry, field station maintenance, boating to other islands in atoll.

Internship at Hopper Mountain NWR Complex, U.S. Fish & Wildlife Service – 1997: Duties included coordinating the MAPS (Monitoring Avian Productivity and Survivorship) program at HMNWR, tracking condors as part of the California Condor Recovery Project, refuge maintenance such as vegetation control and construction, report writing, various office-related activities; wrote the 1997 annual report and 5-year summary for HMNWR MAPS effort.

ADDITIONAL SKILLS AND TRAINING

Completed Basic Wetland Delineation Training
Completed Survey Techniques Workshop for desert tortoise
Intermediate knowledge of Spanish

SELECTED PUBLICATIONS

- Poulton, V. K.,** J. R. Lovvorn, J. Y. Takekawa. 2004. Spatial and overwinter changes in clam populations of San Pablo Bay, a semiarid estuary with highly variable freshwater inflow. *Estuarine, Coastal, and Shelf Science* 59(3):459-473.
- Poulton, V. K.,** J. R. Lovvorn, J. Y. Takekawa. 2002. Clam density and scaup feeding behavior in San Pablo Bay, California. *The Condor* 104:518-527.