

Jeri K. Krueger
4701 North Torrey Pines Drive
Las Vegas, Nevada 89130
702-515-5230 (w)

Work Experience

Oct 2002 - present

Habitat Conservation Planning Coordinator – Nevada Fish and Wildlife Office, Las Vegas, NV. I coordinate habitat conservation planning with local governments in southern Nevada for projects on non-Federal land that may affect species protected under the Endangered Species Act and other rare and sensitive species. I conduct section 7 consultations with Federal agencies, and review and provide comments on environmental documents required under the National Environmental Protection Act for Federal projects that may affect Fish and Wildlife Service trust resources, such as ESA protected species and migratory birds protected under the Migratory Bird Treaty Act. Federal actions completed or under review include projects with water development components, such as the Alamo Land Sale and the Lincoln County Land Act Groundwater Development projects. I conduct analyses of the potential effects of water development projects on the southwestern willow flycatcher, Yuma clapper rail, yellow-billed cuckoo, and migratory birds as part of the consultation and review process. As part of the Alamo Land Sale consultation, I coordinated with the staff hydrologist to produce a model depicting potential effects to surface and ground water associated with the White River flow system and springs in the Pahrnagat Valley. I assisted in the development of a regional Mesquite Woodland Conservation Management Strategy for Clark County, Nevada.

June 1999 – Oct 2002

Wildlife Biologist – Nevada Fish and Wildlife Office, Las Vegas, NV. I conducted section 7 consultations with Federal agencies, and reviewed and provided comments on environmental documents required under the National Environmental Protection Act as described above. Federal actions I reviewed included projects with water development components, such as the Mesquite Land Act and Lincoln County Land Act land sales by the Bureau of Land Management. Designation of critical habitat for the southwestern willow flycatcher in Nevada was based on recommendations I provided on the habitat requirements for this species. I participated in the development and implementation of an ecological assessment of the Meadow Valley Wash riparian corridor in Lincoln County, Nevada, which required knowledge of the habitat requirements of riparian-restricted listed and sensitive species, including the southwestern willow flycatcher, yellow-billed cuckoo, and other rare migratory birds. I collected data on presence and breeding status of birds in southern Nevada for the Nevada Breeding Bird Atlas. I participated in the development of the Nevada Bird Conservation Plan for the national Partners In Flight program. I assisted in the identification of Important

Bird Areas in southern Nevada for the Audubon Society's national Important Bird Area program.

Jan 1995 – June 1999 **Wildlife Biologist – Bureau of Land Management, Las Vegas, NV.**
 I designed and implemented a research study of mesquite woodlands in southern Nevada and their use by phainopeplas and other avian species. I determined the relative condition of mesquite stands on BLM land in southern Nevada, and identified the factors that influence stand health, such as depth to ground water. I installed water monitoring wells at study sites, determined static water levels, and collected and analyzed soil samples for nutrient content. I collected data from historical water well records in Pahrump Valley to determine trends in groundwater level for urban areas adjacent to mesquite woodlands. I collected data on woodland structural characteristics at the tree and stand level to compare relative differences in habitat factors important to breeding phainopeplas among study sites. I consulted with the Fish and Wildlife Service on projects that may affect species protected by the Endangered Species Act, including southwestern willow flycatcher. I conducted southwestern willow flycatcher surveys to determine effects of projects on the flycatcher. I developed a Habitat Management Plan for mesquite woodlands on lands administered by the Bureau of Land Management.

Jan 1994 – May 1994 **Biological Science Technician – U.S. National Biological Survey, National Ecology Research Center, Ft. Collins, CO.** I conducted desert tortoise surveys, collected data on plant composition and abundance and desert tortoise abundance, and assisted in analysis of effects of livestock grazing on desert tortoise populations in the eastern Mojave Desert.

May 1992 – Jan 1993 **Biological Technician – Department of Fishery and Wildlife Biology, Colorado State University, Ft. Collins, CO.** I conducted avian surveys and assisted in analysis of effects of pesticide spray programs on avian populations at the Little Missouri National Grasslands in western North Dakota.

Education M.S., Biological Science, University of Nevada, Las Vegas, NV
 B.S., Wildlife Biology, Colorado State University, Ft. Collins, CO

Skills Bird and bird song identification; word processing, spreadsheet, and database applications; ARCGIS;

Professional Affiliations Society for Conservation Biology
 Great Basin Bird Observatory
 Western Field Ornithologists

Publications Krueger, J. 1998. Use of mesquite woodlands in southern Nevada as breeding habitat for phainopepla (*Phainopepla nitens*). Great Basin Birds 1:59-60.

Habitat Management Plans Krueger, J. 1999. Southern Nevada Mesquite Woodland Habitat Management Plan. Prepared for the Bureau of Land Management, Las Vegas, Nevada.

Crampton, L., J. Krueger, and D. Murphy. 2006. Conservation Management Strategy for mesquite and acacia woodlands in Clark County, Nevada. Prepared for the Bureau of Land Management, Las Vegas, Nevada.

