



Janelle E. Harden, B.U.S.

Biologist / Environmental Planner / NEPA Practitioner

Education and Training

- ◆ Biological Assessment Workshop; USFWS/SWESA; Albuquerque, NM, 2006
- ◆ NEPA for Tribal Authorities; Denver, Colorado. 2005
- ◆ Comprehensive NEPA; San Diego, California. 2004
- ◆ NEPA Training Conference, Portland, Oregon. 2004
- ◆ Environmental Collaboration and Conflict Management; Albuquerque, NM. 2003
- ◆ Bachelor of University Studies, summa cum laude, emphasis in Ornithology and Ecology, University of New Mexico. 2003
- ◆ Wildlife Diseases and the Wildlife Rehabilitator; Denver, Colorado. 1999
- ◆ Advanced Skills Seminar, Fluid Therapy, International Wildlife Rehabilitation Council. 1998

Permits and Certifications

- ◆ NEPA in Indian Country, International Institute for Indigenous Resource Management (2005)
- ◆ Special Purpose Possession (Live), U.S. Fish and Wildlife Service, Migratory Bird Office (1992 – present)
- ◆ Scientific / Educational Purpose Authorization Permit (SEPAP), N.M. Department of Game and Fish (1992 – present)
- ◆ Special Purpose Permit - Rehabilitation, U.S. Fish and Wildlife Service, Region 2 Migratory Bird Office (1988 – present)
- ◆ Rehabilitation Permit, N.M. Department of Game and Fish (1988 – present)
- ◆ Wildlife Rehabilitation Certification, International Wildlife Rehabilitation Council (1989)

Professional Affiliations and Committees

- ◆ International Wildlife Rehabilitation Council
- ◆ Native American Fish and Wildlife Society, SW Region
- ◆ National Association of Environmental Professionals;
Vice President of Rio Grande Chapter NAEP, Albuquerque, NM
- ◆ New Mexico Ornithological Society
- ◆ New Mexico Riparian Council
- ◆ Ornithological Societies of North America
- ◆ Wildlife Rescue, Inc., of New Mexico
- ◆ Xeriscape Council of New Mexico

Contributor/Participant

- ◆ Utton Center Bosque Workshops [C. Crawford and S. Grogan]. 2004, 2005.
- ◆ Critical Mass: Solutions for reconnecting wildlife and habitats across highways. *Workshop*. June 24-25, 2003.

...continued



General Expertise

Janelle Harden is a biologist and ecologist with almost 20 years of experience as an avian wildlife rehabilitator; she has had a variety of related papers published in scientific journals. To that background she earned a bachelor's degree in an individually designed program at the University of New Mexico in ornithology, ecology, and environmental studies.

A Biologist and NEPA practitioner, Harden contributed fieldwork, technical writing, and environmental planning for a variety of projects at SWCA Environmental Consultants in Albuquerque, NM (2002 – 2006). She was responsible for the Administrative Record on multiple on-going NEPA projects and continues as a sub-contractor with SWCA.

Harden was a technical contributor to the Wildlife International website. Her editing and graphic-design skills were utilized by environmental organizations such as the New Mexico Riparian Council, the Environmental Education Association of New Mexico, the International Wildlife Rehabilitation Council, the New Mexico Xeriscape Council, and the Museum of Southwestern Biology (University of New Mexico). She has designed and produced the New Mexico Wildlife for the New Mexico Department of Game and Fish since it became a quarterly tabloid in 1997.

For Wildlife Rescue, Inc. of New Mexico, in 1996 Harden became the permit liaison with both federal and state permitting agencies, managing more than 60 special-use permits and filing annual reports and permit renewals. She personally holds special-use permits with the U.S. Fish and Wildlife Service and the New Mexico Department of Game and Fish for both rehabilitation and education activities. She has extensive knowledge of the regulatory aspects of wildlife management such as the Migratory Bird Treaty Act, the Endangered Species Act, and both federal (50 CFR) and state (Section 17) wildlife regulations.

Harden has been working since early 2002 to facilitate changes in U.S. Fish and Wildlife Service regulations concerning Native American use of birds for ceremonial purposes. She is the appointed liaison between the International Wildlife Rehabilitation Council and a special subcommittee formed by the Service to address the issue. She was an invited speaker on this subject at the 2004 Native American Fish and Wildlife Society Southwest conference in Durango, Colorado.

Professional Experience

Co-Founder, President

SPECIEZnm, Inc. (2006–present)

The SPECIEZnm project began in January of 2006; the New Mexico Public Regulation Commission approved and filed the SPECIEZnm Articles of Incorporation effective April 25, 2006. This web-based data service for New Mexico environmental professionals was launched in July of 2006 at SPECIEZnm.org.

Biologist, Environmental Planner, NEPA Practitioner

SWCA Environmental Consultants; Albuquerque, New Mexico (2002–2006)

Environmental Planner, researcher, and author on a variety of environmental documents, including biological assessments, biological evaluations, and technical reports. Managed the Administrative Record on several EIS/EA projects. Gathered research and literature for many SWCA projects, and performed or assisted with field surveys on some projects.

Data Collection, Bosque Ecosystem Monitoring Program, University of New Mexico (2001–2002)

Bi-monthly collection of temperature data at nine sites throughout the Middle Rio Grande.

Conference Coordinator, "Challenge '98" for New Mexico Riparian Council (April 1998). Facilities procurement, registration, speaker liaison, and all other aspects of conference planning and presentation.

Sole Proprietor, The Studio; Albuquerque, New Mexico (1978–present)

Owner and manager of a graphic art and typography studio specializing in publication work for wildlife and ecological organizations and agencies.

...continued



Janelle Harden participated in the following while employed at SWCA Environmental Consultants, 2002-2006:

Selected Projects

- ◆ Buckman Water Diversion Environmental Impact Statement; Santa Fe County, New Mexico (2002-2003)
- ◆ Buckman Wells Nest Survey; Santa Fe County, New Mexico (2003)
- ◆ City of Alamogordo Regional Water Supply Project EIS; Otero County, New Mexico (2004-2006)
- ◆ Middle Rio Grande Endangered Species Act Collaborative Program Programmatic Environmental Impact Statement; Bernalillo County, New Mexico (2003-present)
- ◆ Middle Rio Grande Habitat Restoration; Multiple counties in New Mexico (2005)
- ◆ National Hispanic Cultural Center Botanical Resource Report; Bernalillo County, New Mexico (2003)
- ◆ NEPA Compliance Associated with the Redesignation of Critical Habitat for the Endangered Southwestern Willow Flycatcher; Multiple States (2005)
- ◆ Programmatic Biological Assessment for Maintenance of Storm Water Facilities in the Middle Rio Grande; Sandoval and Bernalillo Counties, New Mexico (2004)
- ◆ Sagebrush Breeding Bird Survey; San Juan County, New Mexico (2003)
- ◆ Upper Rio Grande Water Operations Review and Environmental Impact Statement; Alamosa, Colorado, to Fort Quitman, Texas (2002-2005):
- ◆ U.S. 70 Design Build Environmental Coordination, Riverside to Ruidoso; Lincoln County, New Mexico (2004)
- ◆ Volunteer Storm Water Pollution Prevention Plan Workshop; Bernalillo County, New Mexico (2005)

Selected Tasks and Responsibilities

- ◆ Administrative records creation and maintenance
- ◆ Agency and public comment resolution on NEPA projects
- ◆ Bird species presence and nesting activity in 400 acres of rangeland
- ◆ Data entry and analyses
- ◆ Ecologist
- ◆ Environmental Planner
- ◆ Environmental Scientist
- ◆ Field surveys and biological status reports
- ◆ Migratory bird effects analysis
- ◆ Noxious weed summaries and management plans
- ◆ Project Manager
- ◆ Public meetings, scoping reports, and comment resolution
- ◆ Raptor surveys
- ◆ Research, writing, and technical assistance for Biological Assessments (BA), Biological Evaluations (BE), Environmental Assessments (EA), Environmental Impact Statements (EIS), and technical reports.
- ◆ Survey of traffic usage

Technical Contributor

- 2006 Environmental Impact Statement and Technical Report. Upper Rio Grande Water Operations (URGWOPS) review and EIS. SWCA Natural Resources Report. Albuquerque.
- 2005 Scoping Report; Alamogordo Regional Water Supply Environmental Impact Statement. City of Alamogordo.
- Administrative Draft Programmatic Environmental Impact Statement, Middle Rio Grande Endangered Species Act Collaborative Program. Bureau of Reclamation, Albuquerque Area Office.

...continued



(2005 Technical Contributions, continued)

Carlsbad Caverns Road and Parking Lot Rehabilitation Environmental Assessment (EA). Otero County, New Mexico. DHM Design Corporation.

Carlsbad Caverns Sewer Rehabilitation Environmental Assessment (EA). Otero County, New Mexico. DHM Design Corporation.

- 2004 Scoping Report; Middle Rio Grande Endangered Species Act Collaborative Program Programmatic Environmental Impact Statement (PEIS). Bureau of Reclamation, Albuquerque Area Office.
- Administrative Draft Programmatic Environmental Impact Statement, Middle Rio Grande Endangered Species Act Collaborative Program. Bureau of Reclamation, Albuquerque Area Office.
- Canadian River Arkansas River Shiner (*Notropis girardi*) Annotated Bibliography. New Mexico Interstate Stream Commission. SWCA Natural Resources Report. Albuquerque.
- September 2004 Update and Status Survey of the Jardines del Bosque Research Project with Recommendations for Phase III of the Master Plan. National Hispanic Cultural Center of New Mexico. SWCA Natural Resources Report, Albuquerque.
- 2003 Technical Report, Biological Assessment, and Biological Evaluation. Buckman Water Diversion, Espanola Ranger District, Santa Fe National Forest. SWCA Natural Resources Report. Albuquerque.
- Migratory Bird Effects Analysis. Buckman Water Diversion. Espanola Ranger District, Santa Fe National Forest.
- Noxious Weed Management Plan. U.S. 70 Design-Build Project. New Mexico State Highway and Transportation Department. SWCA Natural Resources Report, Albuquerque.
- Area Assessment and Biological Evaluation. Buckman Water Diversion.
- 2002 Environmental Assessment for the Temporary Conveyance Channel to Elephant Butte Reservoir. Bureau of Reclamation. SWCA Natural Resources Report. Albuquerque.
- Categorical Exclusion: Disposal sites for fill material. New Mexico State Highway and Transportation Department. U.S. 70 Design/Build Project.

Selected Publications and Reports

- 2006 Harden, J.E., R.W. Dickerman, and E.P. Elliston. 2005. Collection, Use, and Value of Wildlife Rehabilitation Data. *Jrnl. Wildlife Rehab.* Vol. 28, No. 1.
- Harden, J.E. and J. Ubelaker. 2006. Investigation of a winter die-off of northern flickers (*Colaptes auratus*) in New Mexico. MS in preparation for submission to *Jrnl. Wildlife Diseases*.
- 2005 Harden, J.E. and R. W. Dickerman. 2005. Sex-biased mortality in Great-horned owls. MS in review/revision for the *Jrnl. Raptor Research*.
- 2003 Harden, J.E. 2003. Native American Use of Bird Species for Ceremonial Purposes: Can Wildlife Rehabilitators Address the Need? *Jrnl. Wildlife Rehab.* Vol. 26, No. 2:15-23.
- 2002 Harden, J.E. 2002. An Overview of Anthropogenic Causes of Avian Mortality. *Jrnl. Wildlife Rehab.* 25(1):4-11.
- “Native American Use of Bird Species for Ceremonial Purposes: Can Wildlife Rehabilitators Legally Meet the Need?” Special Research Project. Department of Anthropology, University of New Mexico, Albuquerque; U.S. Fish and Wildlife Service, Region 2 Permit Office, Albuquerque; New Mexico Department of Game and Fish, Santa Fe.

...continued



(Selected Publications and Reports, continued)

- 2002 “Cottonwood Creek, Colorado: Assessment and Management Plan.” Special Research Project. Department of Community and Regional Planning, University of New Mexico, Albuquerque.
- 2001 “Aspen Regeneration at Mt. Taylor, New Mexico.” Special Research Project. Department of Biology, University of New Mexico, Albuquerque; Cibola National Forest, Grants.
- 1999 Using the Scientific Method to Determine Mortality Events. *In* Proceedings of the 22nd Annual Conference, edited by Mary D. Reynolds, pp. 39-45. International Wildlife Rehabilitation Council.
(with E. P. Elliston). Eureka! I’ve Found It! How and where to find data and other resources. *In* Proceedings of the 22nd Annual Conference, edited by Mary D. Reynolds, pp. 145-150. International Wildlife Rehabilitation Council.
- 1996 Trichomoniasis in Raptors, Pigeons and Doves. *Jrnl. Wildlife Rehab.* 19(1):8–17.

Selected Graphic Design and Production

- 2004 Roadside Archaeology and History in New Mexico. New Mexico Department of Transportation (NMDOT). May 2004.
- 2003 Mid-winter Botanical Survey of the Jardines del Bosque Project. National Hispanic Cultural Center, Albuquerque, NM. March 2003.
- 2000 Threatened and Endangered Species of New Mexico: Biennial Review and Recommendations. New Mexico Department of Game and Fish, Conservation Services Division, Santa Fe, NM. Sept. 2000.
- 1999 Threatened and Endangered Fishes of New Mexico. Technical Report No. 1. New Mexico Department of Game and Fish, Conservation Services Division, Santa Fe, NM.
Distribution, Status, and Conservation of the Pecos Pupfish, *Cyprinodon pecosensis*.
Technical Report No. 2. New Mexico Department of Game and Fish, Conservation Services Division. Santa Fe, NM.

Selected Presentations

- 2004 “*Native American use of feathers for ceremonial purposes: can wildlife rehabilitators address the need?*” A status report on the project; presented at the Native American Fish and Wildlife Society (Southwest Region) Annual Conference, Durango, Colorado August 2004.
- 2003 “*A Primer on Threatened, Endangered, and Special Status Species.*” Workshop presented at the International Wildlife Rehabilitation Council Annual Conference, Oak Brook, Illinois.
“*Native American use of feathers for ceremonial purposes: can wildlife rehabilitators address the need?*” Paper presented at the International Wildlife Rehabilitation Council Annual Conference, Oak Brook, Illinois.
“*The value of rehabilitation data to the scientific community.*” Paper presented at the International Wildlife Rehabilitation Council Annual Conference, Oak Brook, Illinois.
- 2000 “*Incident report and preliminary findings on Colaptes auratus (northern flicker) 1997 mortality event in New Mexico.*” Paper presented at the International Wildlife Rehabilitation Council Annual Conference, Montreal, Canada.
“*Wildlife Rehabilitation for Dummies.*” Workshop presented at the International Wildlife Rehabilitation Council Annual Conference, Montreal, Canada.