

Lori A. Willimont Duncan

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PROFESSIONAL EXPERIENCE

Duncan & Duncan Wetland and Endangered Species Training and Consulting, Inc. (D&D WEST), Charleston, SC

Co-Owner / Wildlife Biologist / Endangered Species Instructor, May 2002 – present

D&D WEST is Woman-owned and certified as a Disadvantaged Business Enterprise (DBE) with the SCDOT and certified as a Small Business Enterprise (SBE) with Charleston County, SC

- Conducts surveys for Federal and State listed species, and candidate species.
- Project Manager and biologist for projects involving Federally listed species and/or designated critical habitat (e.g., Biological Assessment preparation).
 - Acts as liaison for the applicant in Interagency Consultation with USFWS/NOAA.
- Conducts fauna surveys on conservation properties and mitigation sites.
- Experience handling red-cockaded woodpeckers and other bird species.
- Experience conducting acoustic and netting surveys for bat species.
 - Conducted a habitat assessment for the Northern long-eared bat (NLEB) on a linear project in Spartanburg County, SC
 - Assisted with a survey for the Indiana bat on a 1,600' linear project in Cherokee, NC
 - Assisted with bat surveys with the SCDNR (target species, NLEB)
 - Conducted an acoustic survey for the Federally threatened NLEB on a 100-acre site in Spartanburg County, SC
 - Assisted with a survey for bats (target species, Northern yellow bat) at Palmetto Bluff Conservancy, Beaufort County, SC
 - Participated in the Eastern Bat Survey Techniques Workshop by Bat Conservation Management
 - Participated in the Acoustic Techniques and Analysis Course by Titley Scientific
- Completed a week-long training course on survey methodology and conservation of the gopher tortoise, Ashton Biological Preserve (Ray and Pat Ashton).
- Project Manager for projects involving the bald eagle under the Bald and Golden Eagle Protection Act.
- Lead instructor for all D&D WEST Endangered Species courses (regulations and species identification).
- Sample projects:
 - SCDOT Highway 701 Widening, Horry County, SC (ongoing). Lori will be responsible for the endangered species survey, biological assessment (BA), NEPA documentation, and USACE permit application for the highway widening.
 - SCDOT Highway 17 Widening, Beaufort and Colleton Counties, SC. An on-site endangered and threatened species survey was conducted along the 22-mile, 400-foot right-of-way. Lori was the lead biologist for the endangered species survey, biological assessment, and informal consultation with the USFWS.
 - Charleston County Transportation Development, Isle of Palms, SC. Conducted an endangered species survey, completed the associated BA, completed and received a USACE permit for wetland fill for intersection improvements at the Isle of Palms Connector.
 - Bird survey (ongoing) on a mitigation property with a comparison of a control property, Dorchester County, SC. Method used is a modified rolling breeding bird survey.
 - Assisted a private landowner with potential impacts to a nesting pair of bald eagles from subdivision construction. Project received a bald eagle incidental take permit by the USFWS and monitoring was conducted.
 - Conducted on-site endangered and threatened species survey and associated biological assessment for a 1,000+ acre site near Ridgeville, Dorchester County, SC

Wood Environment & Infrastructure Solutions, Inc.

Columbia, SC

Senior Scientist, June 2005 – present

- Conducts surveys for Federal and State listed species, candidate species.
- Project Manager and biologist for projects involving Federally listed species and/or designated critical habitat (e.g., Biological Assessment preparation).
- Project Manager and biologist for projects involving migratory birds.
- Project Manager for projects involving the bald eagle under the Bald and Golden Eagle Protection Act.
- Sample projects:
 - VC Summer Nuclear Station and Santee Cooper Transmission Lines, 200 miles beginning in Lancaster County and ending in Hampton County, SC. Lori led a team of two biologists on this project and was responsible for the (1) endangered species survey and biological assessment for interagency consultation for USFWS; (2) coordination under the Bald and Golden Eagle Protection Act, and (3) assisted with NEPA documentation.
 - Assisted with a habitat assessment and biological assessment for an endangered bird on an 800-mile pipeline project in southwest Texas.

U.S. Fish and Wildlife Service - Ecological Services, Charleston, SC

Fish and Wildlife Biologist - Endangered Species Specialist, Wetland Biologist, May 1990 - May 2002

- Conducted numerous wetland delineations and wetland reports under MOA with the USACE.
- Reviewed and provided comments on wetland fill permits for potential impacts on federal trust resources.
- Served on the Interagency Team to field test the proposed revisions to the 1989 Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
- Reviewed project proposals for potential impacts to Federally listed species and designated critical habitat in SC.
- Completed and/or reviewed thousands of biological opinions and informal consultations on Federally listed species and designated critical habitat.
- Completed and/or reviewed proposed habitat conservation plans (HCPs), related NEPA documents, and reports prepared by HCP applicants.
- Assisted with the development and implementation of the SC Red-cockaded Woodpecker Safe Harbor program.
- Assisted in development of partnerships with private landowners and the USFWS on projects involving Federally protected species.
- Participated in public outreach efforts involving Federally protected species.
- Assisted with USFWS Ecological Services Basic Training - Endangered Species Section.
- Instructed several sessions of Interagency Consultation training at the USFWS National Conservation Training Center – attendees included Federal and State government personnel (e.g., USFWS, NOAA), private consultants and educators.
- Instructed several ESA Workshops for various Federal, State, and private organizations.
- Attended the Oiled Wildlife Rehabilitation workshop presented by Tri-State Oil Spill Response Team.
- Assisted on Oiled Wildlife Rehabilitation response in Georgetown, SC.

Mississippi State University - Department of Biological Sciences, Starkville, MS

Graduate Teaching Assistant/Research Biologist, January 1988 - May 1990

- Responsible for instruction of various Zoology and Botany laboratories for undergraduate and graduate courses.
- Substitute lecturer for Principles of Zoology.
- Conducted scientific research on *Ecology of the West Indian Woodpecker during the Breeding Season on Abaco, Bahamas*. Obtained funding and conducted two field seasons of research, analyzed data, and published results.

Dr. Rosemarie Gnam, Bird Department, American Museum of Natural History, New York, NY
Ornithological Research Assistant, May 1987 - September 1987; May 1986 - September 1986

- Assisted with a behavioral study of the endangered Bahama Parrot on Abaco, Bahamas.
- Responsible for collecting field data on parrot nests, nesting and feeding behaviors, and vegetation surveys.

Dr. David Anderson, Biology Department, University of California-Davis
Ornithological Research Assistant, January 1987 - April 1987

- Assisted on a study of the breeding biology/foraging ecology of three seabird species in the Galapagos Islands.
- Responsible for radio-telemetry tracking; capturing and banding birds; censusing nesting colonies; sampling ocean water to monitor El Niño impacts.

Hawk Mountain Sanctuary, Kempton, PA
Ornithological Research Assistant, August 1985 - November 1985

- Conducted an independent research project on the migration of ruby-throated hummingbirds at Hawk Mountain Sanctuary and published the results.
- Conducted surveys for migrating raptors.
- Presented lectures to the public about raptors, history/geology of the sanctuary, and general conservation topics.

Dr. David Manuwal, University of Washington
Research Biologist, April 1985 - August 1985

- Participated in *Old Growth Forest Bird, Mammal, Reptile, and Amphibian Survey* funded by the USFS.
- Censused forest birds by sight/sound, located nests, recorded behavioral observations of nesting birds, collected and identified small mammals using snap traps.

Various Organizations and Individuals in Australia (Australian Institute of Marine Science; Forestry Commission; Ross Goldingay, University of Wollongong; Barren Grounds Bird Observatory; Dr. Gerald Borgia, University of Maryland).
Research Assistant, September 1984 - February 1985

- Assisted on several research projects: Crown of Thorns starfish and tunicate larvae using scuba gear; survey for the Yellow-bellied Glider (a marsupial species); survey for the endangered Ground Parrot; survey for the Satin Bowerbird. Censused forest birds by sight and sound. Captured and identified bats using harp traps.

Point Reyes Bird Observatory, Stinson Beach, CA
Ornithological Research Biologist, March 1984 - August 1984

- Assisted on long-term study of the breeding biology of a sub-alpine bird community in the high-Sierra's and a coastal scrub bird community near Point Reyes using spot-mapping techniques and color-banding.

EDUCATION

Mississippi State University, Starkville, MS, January 1988 - May 1990

Lewis and Clark College, Portland, OR, June 1983 - *BS degree in Biology.*