

## JENNIFER G. WILLSEY, B.S.

### Areas of Specialization:

Flora and fauna of southeastern United States, delineation of wetlands pursuant to Chapter 62-340 Florida Administrative Code and the *Corps of Engineers Wetland Delineation Manual* (1987), threatened and/or endangered (T&E) surveys, ecological constraints reviews, environmental permitting, and wetland assessments.

### Experience:

Associate Scientist II, Breedlove, Dennis & Associates, Inc., Winter Park, Florida. 2003 to present.

- Conducted field surveys for federally and state listed protected wildlife species.
- Evaluated, delineated, and monitored wetland systems.
- Planned, prepared for, and executed the relocation of gopher tortoises (*Gopherus polyphemus*).
- Conducted ecological site assessments including the evaluation and interpretation of soil classifications, vegetative community classifications, and habitat quality.
- Provided environmental consulting services including environmental resource permitting, ecological site evaluations and mitigation monitoring, the delineation, evaluation, restoration and monitoring of wetland systems, and T&E species surveys and relocation.

Ecologist, Ivey Harris & Walls, Inc., Winter Park, Florida. Winter Park, Florida. 2003.

- Conducted field surveys for federally and state listed protected wildlife species.
- Evaluated, delineated, and monitored wetland systems.
- Planned, prepared for, and executed the relocation of gopher tortoises.
- Conducted ecological site assessments including the evaluation and interpretation of soil classifications, vegetative community classifications, and habitat quality.
- Provided environmental consulting services including environmental resource permitting, ecological site evaluations and mitigation monitoring, the delineation, evaluation, restoration and monitoring of wetland systems, and T&E species surveys and relocation.

Student Intern with Environmental Research and Development Team, Tennessee Valley Authority. Muscle Shoals, Alabama. 2000 to 2002.

- Utilized and calibrated laboratory data collection and analysis including carbon analyzers, sondes, and *in situ* instrumentation.
- Implemented, organized, collected data and analyzed various wetlands-based projects, CO<sub>2</sub> sequestration studies, and greenhouse duties involving phytoremediation studies.
- Other responsibilities included Geographic Information System (GIS) processes such as digitizing, ArcView® manipulation, and aerial photograph interpretation.

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Assistant to Government Documents Librarian/Archivist, Collier Library, Florence, Alabama. 1996 to 2000.

- Processed shipments from government documents distributor.
- Assisted patrons in research and locating materials.
- Filed and processed microfiche.

Student Intern, Summit, Inc., Environmental and Geological Consulting, Tuscumbia, Alabama. 1999.

- Assisted in field research and sampling for environmental impact assessments.
- Participated in wetlands assessment/delineation.
- Conducted water sampling and testing.

**Education:**

B.S. University of North Alabama, 2002. Environmental Biology.

**Training:**

- Florida Statewide Method Wetland Delineation Training Program
- Hydric Soils Workshop
- Southwest Florida Water Management District and United States Department of Agriculture Natural Resources Conservation Service Methods for Identifying Soils and Determining Seasonal High Ground Water Table Depth.

**Certifications:**

Qualified Stormwater Management Inspector No. 5544, October 16, 2003

**Associations:**

The Association of Southeastern Biologists