

KATIE L. WOODSIDE

M.S. Student
Environmental Forestry and Biology,
State University of New York –
Environmental Science and Forestry
(315) 470-4819

142 Redfield Pl.
Syracuse, NY 13210
klwoodsi@syr.edu
katie.woodside@gmail.com

EDUCATION

M.S. Environmental Forestry and Biology, State University of New York- Environmental Science and Forestry (SUNY-ESF), degree expected December 2008.

B.S., Wildlife, Fish, and Conservation Biology, University of California, Davis, March 2003.
Studio Art minor, University of California, Davis, March 2003.

TEACHING EXPERIENCE

Teaching Assistant, SUNY-ESF, 01/07 – 07/07.

- Assist in teaching Animal Behavior to undergraduate students.
- Lead discussion section, make and grade exams.

WORK EXPERIENCE

Graduate Assistant, Thousand Islands Biological Station, Department of Environmental Forestry and Biology, SUNY-ESF, 08/06 – current.

Fieldwork conducted on the St. Lawrence River, NY.

- Perform beach seining for identification and enumeration of juvenile and larval fish.
- Conduct trapnet (oneida and hoop) surveys for spawning muskellunge.
- Identification of larval and juvenile fish.
- Conduct surveys of submergent and emergent vegetation in embayments using a quadrat method.
- Sample YOY Northern pike using emigration traps.
- Assist other graduate students with graduate research projects via boat electrofishing, gill net sampling, etc.

Dr. John Farrell, Director of the Thousand Islands Biological Station (TIBS), SUNY-ESF.

Staff Research Associate, Aquatic Ecosystems Analysis Laboratory (AEAL), John Muir Institute of the Environment, UC Davis, 1/04 – 07/06.

Fieldwork conducted in the California Central Valley, Delta, and Fall River, CA.

- Assisted in statistical analysis and report writing of bioassessment projects.
- Collected aquatic invertebrates using Hester-dendy Disks and D-frame dipnets as contracted through the Central Valley Regional Water Quality Board of California.
- Collected aquatic invertebrates in aquatic macrophytes. Collected aquatic invertebrates using a ponar grab sampler. Assisted in channel cross section surveys.
- Identified and enumerated invertebrates to California state bioassessment standards.
- Managed invertebrate database for the bioassessment project at AEAL using modified Access program (Cal EDAS) and Excel. Conducted quality control of data entry and data output.
- Performed discharge measurements and collected water samples for pesticide and toxicity analysis. Acidified metals samples for further processing.
- Assisted in supervision and training of undergraduates and seasonal employees.

Dr. Michael Johnson, Director of the Aquatic Ecosystems Analysis Laboratory, UC Davis.

Post Graduate Researcher (Field Technician), Department of Water Resources (DWR), Environmental Science Division, Sacramento, CA (Employed through UC Davis), 1/03 - 06/03.

Fish research conducted primarily in the Yolo-Bypass and Sacramento floodplain.

- Performed screw trap sampling, fyke net sampling, beach seining, and lower trophic sampling.
- Conducted basic water quality measurements, used secchi disk for turbidity measurements.
- Identified, enumerated, and measured fish.
- Maintained traps, field gear, and databases.
- Assisted DWR scientists with beach seining and gill net sampling in the Delta.
- Assisted DWR scientists with water sampling and setup of productivity experiments.

Bill Harrell, Environmental Scientist, Department of Water Resources, Sacramento, CA.

Student Research Assistant, Wildlife, Fish, and Conservation Biology Department, UC Davis, 6/01 - 9/01.

Stream ecology fieldwork conducted in the Navarro watershed in California.

- Performed snorkeling, backpack electrofishing, and beach seining surveys for fish.
- Collected physical parameter and water chemistry data.
- Performed dissection of fish stomachs.
- Identified and enumerated invertebrates to the Family level.

Joaquin Feliciano, previous Ph.D. candidate Ecology Program, UC Davis.

Dr. Peter Moyle, Wildlife, Fish, and Conservation Biology, UC Davis.

Student Research Assistant, Environmental Science and Policy Department, UC Davis, 6/00 - 9/00.

Stream ecology fieldwork conducted in impacted, nonimpacted, and restored streams surrounding Lake Tahoe.

- Sampled for macroinvertebrates and periphyton.
- Collected physical parameter data of streams, which included densiometer readings, stream gradient measurements, and discharge measurements.
- Sorted macroinvertebrates and entered habitat data.

Dr. Dorrie Panayotou, previous Ph.D. candidate for the Ecology Program, UC Davis.

POSTERS

Woodside, K; Hayford, B; Rowan, J. and M. Johnson. Comparison of Stream Rankings When Using Impact Specific HBIs vs California HBIs in Central Valley Streams. Presented at the 2005 Annual California Aquatic Bioassessment Workgroup.

REFERENCES

Available upon request.