

Sarah A. Boyden

Project Scientist



Capabilities

Ecological Studies:

- Raptor surveys
- Avian radar surveys and data analysis
- Avian impact assessments
- Small mammal trapping and habitat observations
- Plant community mapping
- Wildlife radio telemetry surveys
- Habitat assessment and reconnaissance
- Water quality surveys
- Bat echolocation and mist netting surveys
- Bat call analysis
- Avian acoustic survey
- Carnivore trapping and telemetry
- Riparian corridor enhancement
- Electrofishing and trammel net survey
- Mark recapture survey
- Culvert assessment of aquatic organism passage

Natural Resource Evaluations:

- Endangered and Threatened Plant and Animal Species
- Rare Plants and Natural Communities
- Unusual Natural Areas
- Critical or Significant Wildlife Habitats
- Aquatic invertebrate surveys and taxonomy
- Silviculture and forest vegetation surveys
- Rosegen III
- Hankin and Reeves survey

Education and Training

- B.A., Biology, 2002, University of Maine at Farmington, Farmington, Maine.
- A.A., Resource Management, 2000, Sterling College, Craftsbury Common, Vermont.

Certifications

- Red Card Certification (Wildland Firefighter, National and Maine State)
- OSHA 40-Hour Hazardous Waste Operations and Emergency Response

Affiliations

- The Wildlife Society

Sarah Boyden is a Project Scientist at Woodlot responsible for assisting in a wide range of natural resource evaluations, including wildlife population surveys, avian impact evaluations, and habitat studies.

Ms. Boyden has most recently been involved in organizing and conducting several large avian and bat study projects associated with wind power and transmission projects. She has also conducted avian radar surveys and has assisted with extensive data compilation and analysis. She is currently coordinating and conducting similar avian study projects throughout the eastern United States. Her prior experience has included extensive field studies of Canada lynx in northern forests, work on Atlantic salmon restoration, and fish population surveys in the Colorado, San Juan, and Green Rivers in New Mexico and Utah.

Experience

Stantec Consulting. Topsham, ME. 2007-present. Project Scientist.

Woodlot Alternatives, Inc. 2005-2007. Project Scientist.

State of Maine, Department of Inland Fish and Wildlife. Bangor, Maine. 2003-2005. Contract Technician.

US Forest Service, Green Mountain & Finger Lakes NF's. Rochester, Vermont. 2004. Biological Science Technician (Fisheries).

Utah Division of Wildlife Resources. Moab, Utah. 2003. Biological Technician.

Sugarbush Ski Resort. Warren, Vermont. 2002-2003. Ski Patroller.

Schooner Victory Chimes. Rockland, Maine. 1997,2001-2002. Deck Crew.

Sugarloaf/USA Ski Resort. Carrabassett Valley, Maine. 1996-1997, 2000-2001. Snowmaker/Volunteer Ski Patroller.

Maine Conservation Corps. Augusta, Maine. 1995-1998, 2000. Team Leader.

Olympic National Park. Forks, Washington. 1999. Backcountry Ranger.

California Conservation Corps. Klamath, California. 1996. Trail Crew Member.

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