

STEVEN J. YOUNG RESUME

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Education

Bachelor of Science Degree, Business Management, Magna Cum Laude, University of Maine at Fort Kent, Fall 2006
Bachelor of Science Degree, Wildlife Management, University of Maine at Orono, May 1978
High School Diploma, Madawaska High School, Madawaska, Maine, 1973
Eagle Scout, Troop 190, Madawaska, Maine, 1970

Certifications and Awards

Certified Wildlife Biologist, The Wildlife Society (lifetime certification)
USDA NRCS Technical Service Provider (TSP) for Wildlife, and Wildlife Conservation Activity Plans (CAP)
Recipient - Synergy Award by the Natural Science Research Council of Canada (NSERC) for cooperative "Research on Forest Management Practices and the Maintenance of Critical Wildlife Habitat and Biodiversity", 1998
Honorary Research Associate, University of New Brunswick, 2 terms, 1997-2001, and 2002-2005
Winner of Scenic and Best-in-Show in the Photography Contest at the first annual international Wildlife Society conference, Albuquerque, New Mexico, 1985
State of Maine Grade V Biological, and Grade I Physical/Chemical (Industrial) Wastewater Operator Licenses
New England Water Environmental Association Grade IV Collections Systems Operator License.
Grant recipient from the Maine Outdoor Heritage Fund, and the National Science Foundation (NSF) Experimental Program to Develop Competitive Research (EPSCoR) Forest Biofuel Research Initiative (FBRI) for the St. John Valley Community Forest Project in 2007 and 2008

Capabilities

Experience in all aspects of project management, and in strategic forest habitat management
Spatial forest habitat modeling skills and capacities
Professional photography, darkroom, and digital-imaging skills and experience
Proficiency in various computer applications including Adobe Photoshop, In Design, and Dreamweaver, Microsoft Word, Excel, Access, and PowerPoint, and Remsoft Spatial Woodstock (GIS-based modelling platform)

Publications

- Morrison, S, Forbes, GJ, and Young, SJ. 2002. Browse occurrence, biomass, and use by White-tailed deer in a northern New Brunswick deer yard. *Canadian Journal of Forest Research* 32: 1518-1524.
- Morrison, S, Forbes, GJ, Young, SJ and Lusk, S. 2002. Within-yard habitat use by white-tailed deer at varying winter severity. *Forest Ecology and Management* 172: 173-82.
- Ballard, W., Whitlaw, H., S. Young, R. Jenkins, and G. Forbes. 1999. Predation and survival of White-tailed Deer fawns in north central New Brunswick. *Journal of Wildlife Management*. 63:574-579.
- Ballard, W. B., H. A. Whitlaw, D. L. Sabine, R. A. Jenkins, S. J. Young and G. F. Forbes. 1998. White-tailed Deer, *Odocoileus virginianus*, capture techniques in yarding and non-yarding populations in New Brunswick. *Canadian Field-Naturalist* 112(2): 254-61.
- Whitlaw, H., W. Ballard, D. Sabine, S. Young, R. Jenkins, and G. Forbes. 1998. Survival and cause-specific mortality rates of adult White-tailed Deer in New Brunswick. *Journal of Wildlife Management*. 62(4):1335-41.

Current Professional Offerings

Proprietor of One World Artisans business in Frenchville, Maine from July 2005 to present, offering photography, wildlife & forest modeling and management, environmental, and graphic design & printing services. Customers and partners for wildlife services include the Maine Department of Inland Fisheries and Wildlife, the Maine Department of Conservation, the USDA NRCS, the U.S. Fish & Wildlife Service.

Town of Frenchville Wastewater Treatment Plant Operator since January, 2007, responsible for treatment plant operation, laboratory analysis, and reporting to government agencies (part-time position).

Offering complete photography and printing services concurrently with other professional services since 1982, including HABS HAER compliant view camera photography, Adjunct Professor of Photography in Summer Session, 2003, and of "Wildlife Conservation and Management", Fall Semester, 2002 at the University of Maine at Fort Kent.

Executive Director of Upper St. John River Organization (www.upperstjohnriver.org) since 2009, with goals to promote sustainable management of natural resources, natural science education, and sustainable business development.

Past Professional Experience

Fraser Papers Inc., Wildlife Biologist (Woodlands Department), Edmundston, New Brunswick, and Ashland & Madawaska, Maine, responsible for wildlife on 2.3 million acres of land managed in New Brunswick and Maine June 1993 to December, 2004. Following is a summary of major responsibilities and accomplishments.

Designated and managed 140,000 acres of Habitat Management Areas (HMA) in Maine and New Brunswick, Canada.

Developed and managed wildlife R&D projects on biodiversity, deer mortality and habitat selection, habitat requirements of year-round resident birds, and function of vernal pools, sponsoring numerous successful Masters and Doctorate wildlife research projects in the process.

Developed a habitat management system, nominated for the Governor's award by the Maine Department of Inland Fisheries and Wildlife, and completed GIS-based forest habitat models and plans for approximately 150,000 acres of designated HMAs.

Managed a \$100K annual R&D budget within budget for twelve consecutive years, attaining over \$3 in partnership and grant sponsorship per \$1 invested.

Conducted systematic GIS-based winter habitat use monitoring of HMAs with helicopter from 1996-2004.

Designated ecological reserves and established protection of nest sites of herons and birds-of-prey.

Established partnerships with public, aboriginal, and government groups for conservation and restoration of Atlantic Salmon, including smolt research, salmon rearing and stocking, and habitat inventory.

Managed a lake sport fishery with conservation angling regulations based on annual fishery surveys, named as #9 top Brook Trout fishing destinations in Canada by Outdoor Canada magazine in 1999.

Hosted an annual Youth Fishing Derby in Plaster Rock, New Brunswick from 1996 – 2003 to promote fishery conservation, recognized with a Community Award by the Province of New Brunswick.

Member of the Maine Forest Biodiversity Project Working Committee in development of Biodiversity in the Forests of Maine, Guidelines for Land Management, University of Maine Cooperative Extension Publication #7147.

Fraser Papers Inc. - Environmental Scientist (pulp and paper mills), April 1984 to May 1993. Responsible during various periods for ambient air quality monitoring, water quality monitoring, environmental quality assurance (QA), and landfill environmental monitoring for Fraser Papers' pulp and paper facilities in New Brunswick and Maine. Operated the U.S.G.S. river-monitoring station on the St. John River in Hamlin Maine.

Washington Department of Fisheries - Scientific Technical II, Montesano, Washington, contract, May to September 1983. Sampled Chinook and Coho Salmon caught by sport and commercial fishermen at Westport, Washington. Collected eyeball fluid from salmon for subsequent genetic stock analysis through electrophoresis (DNA testing), and collected other biological information and determined angler catch per unit effort.

National Marine Fishery Service - Fishery Biologist, N.O.A.A. Bering Sea and Gulf of Alaska, contracts, May to August 1982, and January to March 1983. Foreign fisheries observer (for the U.S.) on Japanese long-liner commercial fishing vessels in the Bering Sea, and the Gulf of Alaska. Estimated daily catch by species, collected biological samples and data from selected fish species, and conducted marine mammal and seabird watches.

Canadian Wildlife Service - Seabird Research Technician, Bedford Institute of Oceanography, Dartmouth, Nova Scotia. Contract, May to September 1981. Member of a two-person team studying Common Eider Ducks on islands in coastal Labrador. Surveys islands along a stretch of about 130 miles with a 13.5 foot Zodiac inflatable boat equipped with a small outboard motor, and tented during the study. Determined the Common Eider breeding population and delineated nests sites of Eiders and other birds in mid-coastal Labrador.

MacLaren Plansearch - Wildlife Biologist, Dartmouth, Nova Scotia / St. John's Newfoundland, March 1980 to April 1981. Responsible for components of several projects for this consulting firm (which went out of business in 1981) including shipboard and aerial seabird and whale surveys on the North Atlantic off Newfoundland, waterfowl brood and breeding pair surveys on marshes in New Brunswick, Nova Scotia and Prince Edward Island, Canada, and identification and tallying of invertebrates from ocean benthic samples.

Canadian Wildlife Service - Wildlife Technician, Sackville, New Brunswick. Contract, June to December 1979. Performed a variety of duties including bait trapping and banding of ducks, capture and banding of ducks from airboat, capture and radio telemetry monitoring of Lynx, capture and tagging of Muskrat, autopsies of Snowshoe Hare and small mammals, preparation of small mammal study skins, identification of hunter returned waterfowl wings, and analysis of data from waterfowl band returns.

U. S. Young Adult Conservation Corps - Fish & Wildlife Project Leader, Indian Island, Old Town, Maine. January to June 1979. Responsible for wildlife inventory, vegetative studies and habitat evaluation on Penobscot Indian Nation islands on the Penobscot River. Formulated crew projects and supervised field staff.

Maine Department of Inland Fisheries and Wildlife - Wildlife Technician, Wildlife Division, Orono, Maine. Term position, September to October 1978. Gathered biological data from hunter-shot White-tailed deer and Black Bear.

Canadian Wildlife Service, Sackville - Waterfowl Technician, New Brunswick. Term position, June to September 1978. Captured and banded waterfowl in the Amherst, Nova Scotia area through bait-trapping in marshes, and netting from airboat.

U. S. D. A. Wildlife Division - Wildlife Assistant, University of Maine, Orono, Maine. Part-time job during university, 1977 and 1978. Assisted the U.S.D.A. Wildlife Biologist and graduate school students. Fed, observed, and noted behavior of captive White-tailed Deer and Moose, and tabulated data on songbirds.

Maine Department of Inland Fisheries and Wildlife - Fisheries Aide, Ashland, Maine. Summer term position, June to September 1977. Conducted angler surveys on Long Lake in Madawaska, Maine. Gathered biological information on fish caught, determined catch per unit effort, and promoted fishery conservation.

Maine Department of Inland Fisheries and Wildlife, Fisheries Aide, Ashland, Maine, summer term position, June to September 1976. Performed a variety of tasks including lake and pond surveys to gather biological, physical, and water chemistry data, electro-fishing, angler surveys (creel census), fish-scale reading, statistical analysis of fishery data, and deer yard inventories.

U.S. Social Security Administration - SSI Program Interviewer, Presque-Isle, Maine. Summer term position, June to September 1974. Interviewed elderly, blind, and disabled people in the Upper St. John River to determine their eligibility to receive Supplemental Security Income (SSI) from the Social Security Administration. All interviews were conducted face-to-face at the client's home.

References are available upon request.