

## LISA FULTON

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### EDUCATION

**Halliburton Training Center, Houston, TX:**

*Drilling Fluids Engineer (Diploma)*  
*Drilling and Workover/Completion (Diploma)*  
*IADC Well Control (Subsea/Supervisory)*

**Sir Sanford Fleming College, Lindsay, ON:**

*Geological Technician*

**Sir Sanford Fleming College, Lindsay, ON**

*Resources Drilling and Blasting Technician*

**Dalhousie University, Halifax, NS**

Completed first year B. Comm. studies

### CERTIFICATION

Nová Scotia Watercourse Alteration Certification  
Completion Fluids (Salt Brine Chemistry)  
Well Control (managing formation gas pressure)  
RIGPASS – IADC  
H2S Alive  
Transportation of Dangerous Goods  
Petroleum Safety Training (PST)  
Construction Safety Training (CST)  
PEC/Premier (Offshore petroleum industry)  
Sub sea Well Control (underwater formation gas pressure)  
First Aid/CPR  
WHMIS  
Advanced Defensive Driving  
Valid Class 3 License (air brake endorsement)

### WORK EXPERIENCE

**Fulton Energy Research, President**

**Responsibilities:** Prepare Environmental Assessment / Project Registration for wind farm development projects. Conduct research and prepare text and documentation for environmental submissions

Commission and coordinate environmental studies including: bird surveys, terrestrial and aquatic vegetation surveys, terrestrial and aquatic biological studies, Mi'kmaq Ecological Knowledge (MEK) studies and site archaeological studies.

Conduct interviews with Provincial and Municipal authorities, Environmental Regulators, stakeholder groups and individual land owners. Canvass landowners and provide

information regarding land lease agreements on behalf of proponent. Prepare Scoping Study to address local and regional issues regarding wind farm developments.

Conduct field investigations to identify wind farm sites and layout requirements. Assist engineering design team in site documentation, mapping, land leases, access roads and water crossings.

***Halliburton Canada, Calgary, Alberta***

***Responsibilities:*** Analyze drilling fluids and recommend mud additives for optimization for drilling exploration wells.

Consult with drilling foreman, rig crew and service hands to maximize drilling efficiency and productivity.

Supervise drilling fluid operations for most water-based and oil-based fluid systems.

***Manderson Well Drilling, Miscouche, PEI, Driller***

***Responsibilities:*** Assisted in drilling, development and production of residential water wells. Responsible for daily paperwork, permits, as well as company bookkeeping and payroll.

Driller/controller responsible for drilling operations using a truck-mounted geotechnical drill rig for soil sampling, sub-surface stability, and environmental sampling.

Other duties included welding/cutting metal casing, safe operation of truck-mounted crane, operation and maintenance of company vehicle (16 speed, 3 axel crane truck with 8000L liquid capacity, mud-hopper, welding equipment, other tools, and well casing).

***Municipality of Colchester, Truro, NS, Maintenance Worker***

***Responsibilities:*** Inspection of sewer lines and manhole integrity and performed general municipal maintenance, landscaping and road repair work.

**John Kearney, Ph.D.**  
**Avian Specialist**

The bird studies for the project are being performed by John Kearney, Ph.D. Dr. Kearney is a Social Anthropologist with an interdisciplinary Masters in Environmental Studies from Dalhousie University. This program provided specializations in ecology, environmental law, and environmental impact assessment.

Dr. Kearney has been an avid bird observer for 45 years and his field skills include the identification of the birds of Nova Scotia by sight and song. He has participated in bird banding studies, and through this has observed most of the birds of Eastern North America in hand.

Dr. Kearney participated in surveys such as Maritime Breeding Bird Atlas, Breeding Bird Surveys, and the Maritime Shorebird Survey. He also worked at the Cornell Laboratory of Ornithology in Ithaca, New York.

In preparation for conducting bird surveys for the Glen Dhu Project, Dr. Kearney undertook extensive consultations with the Canadian Wildlife Service and Regional Biologists of the Nova Scotia Department of Natural Resources on the required survey protocols and issues and species of concern to these agencies

**Robert P. Bancroft**  
**Biologist/Ecologist**

Robert P. Bancroft is the project biologist/ecologist for the Glen Dhu Project, Registration and Environmental Assessment. Mr. Bancroft has extensive knowledge in the aquatic and terrestrial biology of Nova Scotia. He has worked as the Regional Biologist for the Nova Scotia Department of Lands and Forests (now the Department of Natural Resources) in the immediate area of the Glen Dhu Project. This experience provides specific insight into the ecology of the project area and the issues and sensitivities faced by the species in the Cape George Region. As well, he has studied wintering activity, breeding habitat, and population of mainland moose in Nova Scotia since the 1970's.

Mr. Bancroft has also served on projects with the Canadian Wildlife Service, Agriculture Canada Research Station, the Canadian Institute of Forestry, Department of Fisheries and Oceans, Scott Maritimes, Stora-Enso Forest Industries, Acadia University and St Francis Xavier University.

Mr. Bancroft is presently retired but remains active in forestry and wildlife consulting as a freelance writer for many regional and national articles. He is a well-known and respected biologist throughout Nova Scotia and provides his extensive knowledge of the Glen Dhu ecosystem to this project.

Shawn has twelve years of experience in a variety of municipal, private, commercial, urban land development, and transportation projects. His responsibilities have included design, detail engineering drawing preparation, construction inspection, construction surveying, project estimating, quantity take-offs and assisted and prepared storm water management reports for small commercial sites. Shawn has a strong knowledge of AutoCAD Civil 3D, AutoCAD Landdesktop, and AutoCAD 2007.

## EDUCATION

Civil Engineering Technology Diploma, University  
College of Cape Breton, Cape Breton, NS, 1995

## REGISTRATIONS

Certified Engineering Technologist #3183, Society of  
Certified Engineering Technicians and Technologists of  
Nova Scotia

## PROJECT EXPERIENCE

### Retail / Commercial

Esso Canadian Standards, Esso Service Stations across  
Canada\* (Lead Project Technologist)

*Responsibilities included the design and preparation of the onsite servicing and grading plans, on-site storm sewer modeling using Heasteed Pond Pack and Storm Cad software, and prepare detailed storm water management reports. Other responsibilities included project time estimating for new and current project sites; assisted the project manager in the daily administration duties relating to the project.*

### Roadways

Abenaki Road/Truro Heights Road Storm Sewer and  
Sidewalk, Truro, NS\* (Lead Project Technologist)

*Responsibilities included design assistance, detail engineering drawings preparation for the associated sidewalk and storm sewer installation, assisted with the storm water management report and associated storm sewer sizing calculations.*

Marshall Road Extension, Middleton, NS\* (Lead Project  
Technologist)

*Responsibilities included design assistance, roadway design modeling using Autodesk Landdesktop design software for the preparation of detailed engineering drawings for the construction of the proposed road extension and associated underground services.*

Park Road Extension, East Hants, NS\* (Lead Project  
Technologist)

*Responsibilities included design assistance, roadway design and modeling using AutoCAD Landdesktop design software for the preparation of the detailed engineering drawings for the construction of the proposed road extension and associated underground services.*

Road Rehabilitation (Morgan & McLaughlin Ave.),  
Moncton, NB\* (Project Technologist)

*Responsibilities included field surveying assistance, design assistance, and prepared the detailed engineering drawings for the road reconstruction, road widening, storm sewer reconfiguration, grading, curb/gutter replacement, and pavement marking plans.*

### Urban Land

Caldwell Glen Residential/Commercial Development,  
Dartmouth, NS (Project Technologist)

*Responsibilities included design assistance. Prepared detailed engineering drawings for the construction of the proposed road network, and associated underground municipal infrastructure. also prepared lot grading plans, road design, and cut/fill quantity modeling*

\* denotes projects completed with other firms

# Shawn C Skinner CET

## Senior Civil Technologist

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### Truro Power Center, Truro, NS\* (Lead Project Technologist)

*Responsibilities included design assistance, roadway design and cut/fill quantities modeling using Autodesk Landesktop design software for the preparation of the tender and construction drawing packages, assisted in the storm water management calculations, prepared lot grading plans, and prepared quantity take-off for tender documents.*

### Rivendale Subdivision Phases 4,5, and 6, Fall River, NS\* (Lead Project Technologist)

*Responsibilities included design assistance, road design modeling using Autodesk Landesktop design software for the preparation of detail engineering drawings for the associated road network, prepared preliminary lot layouts, assisted with the storm water management report and associated calculations.*

### Urban Road Design

#### Dartmouth Crossing, Dartmouth, NS (Lead Project Technologist)

*Lead project technologist for the Dartmouth Crossing Development, a large commercial, business, and residential development encompassing approximately 500 acres, located in Dartmouth, NS Responsibilities included design assistance, roadway design and modeling using AutoCAD Civil 3D design software, drawing co-ordination and preparation of the preliminary, tender, and construction engineering drawing packages of the municipal roads and underground services. Other responsibilities included design assistance and drawing preparation of the detailed servicing and grading plans for the various commercial and business lots within this development.*

### Wastewater

#### East Main Street Sanitary and Storm Replacement, Middleton, NS\* (Project Technologist)

*Responsibilities included field surveying, design assistance, detail engineering drawings preparation for the associated sanitary and storm sewer installation.*

### North Dartmouth Trunk Sanitary Sewer, Dartmouth, NS\* (Lead Project Technologist)

*Responsibilities included design, reinstatement/landscaping plans and the preparation of the preliminary, tender, and construction engineering drawing packages for the extension of an 800m section of a 900mm diameter gravity sewer.*

### Halifax Port Authority Pumping Stations, Halifax, NS\* (Lead Project Technologist)

*Responsibilities included compiling existing field information and drawing preparation for the installation and commissioning of 1.5 pumping stations for two port authority properties.*

### Water

#### Shelburne Youth Detention Centre - Watermain Replacement, Shelburne, NS\* (Project Inspector, liaison)

*Responsibilities included on-site construction inspection, gathered record information, and project liaison.*

#### Creighton Park Water Transmission Main, Dartmouth, NS\* (Project Technologist)

*Responsibilities included design assistance, detail engineering drawing preparation for the construction of approximately 1 km of watermain.*

\* denotes projects completed with other firms

Tom has 40 years of experience in aquatic and terrestrial environmental studies, environment impact assessments, economic feasibility studies, socio-economic impact analysis and business management.

Fields of Expertise include office and project management of operations specializing in Environmental Studies and Monitoring, Environmental Impact Studies (EIS) and Socio-economic Impact Studies (SEIS), Comprehensive Study Reports (CSR) and experience in conducting large multi-disciplined environmental assessment projects in various regions of Canada and abroad.

Tom has completed additional training and is certified in Public Participation Awareness, Transportation of Dangerous Goods, Risk Based Corrective Action (RBCA), Asbestos Control in Buildings and Industry, Hazardous and Waste Site Management, and WHMIS.

## EDUCATION

Bachelor of Arts, Economics and Geography, University of Western Ontario, London, Ontario, 1967

## PROJECT EXPERIENCE

### **Aquatic Ecology**

#### **Aquatic Studies at Lake Manzala, Egypt\***

*Field management of aquatic studies associated with a large engineered wetland for lake Manzala, Egypt on behalf of the United Nations Development Program (UNDP).*

### **Environmental Impact Assessments**

#### **Point Lepreau Nuclear Generating Station\***

*Management of field programs for the EIA for the Point Lepreau Nuclear Generating Station for New Brunswick Electric Power Commission.*

#### **Protection of Fisheries Resources in Lake Manzala, Egypt\***

*Environmental Impact Assessment and Socio-economic Impact Evaluation of engineered wetlands for the Protection of Fisheries Resources in Lake Manzala, Egypt on behalf of the United Nations Development Program (UNDP).*

#### **Twinning of Highway 102, Beaverbank to Ellershouse\* (Project Manager)**

*Completed an environmental impact assessment for twinning of Highway 102, Beaverbank to Ellershouse, included project management and socio-economic impact analysis.*

#### **Eight Port Development Projects, Philippines\***

*Conducted socio-economic impact analysis and report for an Environmental Impact Assessment of Eight Port Development Projects, Philippines on behalf of the World Bank.*

#### **Deep Panuke Offshore Production Platform\* (Environmental Advisor)**

*Responsible for the development of terms of reference, scopes of work and contracting for environmental studies. Responsible for review and approval of study documents by the Company's Regulatory Authority (Lloyds);  
Provided input and environmental documentation to the regulatory team to support the regulatory permitting process; Participated in meetings regarding the pipeline right-of-way, and potential crossings. Responsible for environmental studies including: meteorological and oceanographic statistical analyses of the production site, analysis of extreme bottom currents and temperatures at selected intervals along the pipeline route, fishing intensity studies over the projected pipeline route; evaluation of alternative methods for the near shore pipeline installation, and  
Developed the environmental management plan for pipeline installation.*

\* denotes projects completed with other firms

### **Environmental Risk Assessments**

#### **Risk Assessment of Metal in Groundwater, Stephenville Airport, NL\***

*Ecological Risk Assessment of metals in groundwater at ten selected sites at Stephenville Airport, NL on behalf of PWGSC and Transport Canada (under review).*

#### **Quantitative Risk Assessments\***

*Quantitative Risk Assessments – Burnt Ash Pile, CFB Greenwood; Former Gladstone Street Stores, CFB Halifax, Selected Sites within CFB Halifax Dockyard.*

#### **Risk Assessment of Shipwrecks and Munitions\***

*Risk Assessment of shipwrecks and munitions disposal areas within the DND operations areas of East Coast of Canada on behalf of Formation Environment, CFB Halifax.*

### **Environmental Site Assessments Phase I, II, III Environmental Site Assessments\***

*Tom has completed numerous Environmental Site Assessments, including the following:*

*Phases I and II, Environmental Site Assessments of 29 properties in Quebec and Atlantic Canada on behalf of a US-based multinational client.*

*Phase I, II and III assessment of PCB, asbestos and hazardous materials at the former DEW line facilities on Resolution Island, NWT.*

*Phase I Environmental Site Assessment of Agriculture Canada research facilities in Charlottetown, PEI.*

*Phase I, II, and III assessments of properties for a variety of real estate clients including Waterfront Development Corporation, CN Real Estate, the Royal Bank and City of Dartmouth.*

*Phase II assessments of contaminated soil in Nova Scotia, New Brunswick and Newfoundland and Labrador.*

### **Environmental Site Remediation**

#### **PCB Remediation, CN Real Estate\***

*Site remediation of a large quantity of PCB and metal contaminated soil on behalf of CN Real Estate, Halifax.*

#### **Remediation of Former Manufacturing Facility, North Sydney\***

*Hazardous waste materials management and site remediation of a former manufacturing facility in North Sydney.*

#### **Power Station Facilities, Schefferville\***

*Site remediation of Power Station Facilities in Schefferville, PQ and Labrador on behalf of the Iron Ore Company of Canada.*

#### **Remedial Action Plans for Commercial Properties\***

*Phased assessments, development of Remedial Action Plans and site remediation for a number of large commercial properties in Atlantic Canada. The implementation of Remedial Action Plans resulted in facilitating property transactions and the lifting of regulatory constraints on properties.*

### **Water Quality Assessment**

#### **Aquatic and Water Quality Studies\***

*Tom has completed numerous aquatic and water quality studies, including the following:*

*Management of environmental programs in support of offshore oil exploration including: ice management, wave measurements, oceanographic and weather monitoring projects for Mobil Oil, Shell Oil, Esso, Aquitaine, and Petro-Canada in the Davis Strait, Labrador Sea, Grand Banks and Scotian Shelf.*

*Coordination, mobilization and field management of offshore environmental impact assessments and oceanographic studies in support of offshore oil exploration programs.*

*Supervision and shipboard management for numerous near shore and offshore environmental surveys throughout Atlantic Canada and the Great Lakes.*

*Responsible for the deployment and recovery of instrument moorings for oceanographic data collection programs in numerous coastal locations in Atlantic Canada.*

\* denotes projects completed with other firms



# CHRISTOPHER SEAN BLANEY

## BOTANIST

### SUMMARY OF QUALIFICATIONS

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- Exceptional knowledge of taxonomy, identification and ecology of vascular plant species and communities of northeastern North America
- Extensive experience in collecting and interpreting ecological data and writing scientific papers and reports
- Ability to fundraise for, design and execute large projects, working well independently or as part of a team
- Competency in relevant computer and technological applications in the office and in the field
- Knowledge and interest in all major areas of natural history, with extensive knowledge of birds
- Ability to work comfortably in remote areas and rugged landscapes

### EDUCATION AND AWARDS

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1997-1999                      University of Toronto

*M.Sc. Botany*

- Thesis: *Comparative seed ecology of native and exotic old field plants*
- NSERC Postgraduate Scholarship 1997-1998

1990-1994                      University of Guelph

*B.Sc. Hons. Biology, Minor in Botany*

- Graduated with Distinction 1994
- University of Guelph Dean's Honours List 1991-1994
- University of Guelph Entrance Scholarship 1990

### PROFESSIONAL EXPERIENCE

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July 1999 – present                      Atlantic Canada Conservation Data Centre  
*Botanist*

- Coordinated and databased provincial level status ranking of vascular plants for NB, NS and PE
- Maintained database of rare species locations for NB, NS and PE
- Developed and executed vascular plant surveys for provincial and federal government agencies, industry, conservation organizations and the AC CDC, discovering hundreds of new rare plant records (including 30+ new provincial records), and supervising up to three other botanists in the field
- Answered botanical data requests from academia, government, industry, conservation organizations and the general public

PROFESSIONAL EXPERIENCE (CONTINUED)

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May 2001 – present

Committee on the Status of Endangered Wildlife in Canada (COSEWIC)

*Member, Vascular Plant Species Specialist Group*

- Reviewed status reports, recommending legal status designations under the Species at Risk Act and suggesting changes to reports
- Recommended new species for COSEWIC assessment
- Participated in meetings with other national experts to finalize status recommendations

January 1997 – May 1999

University of Toronto at Mississauga

*M.Sc. Student. Supervisor: Dr. Peter M. Kotanen*

- Designed, executed and analyzed three large field experiments on soil surface seed predation and soil seed bank mortality in native and exotic plants, supervising up to three field assistants
- Completed thesis and presented results at academic meetings and in four refereed publications
- Conducted intensive biological inventory of Joker's Hill Field Station, York Regional Municipality, Ontario
- Conducted floristic inventory and assisted with experiments on impacts of goose grazing on arctic salt marshes, Akimiski Island, Nunavut
- Developed seed collection of 500+ southern Ontario wild plants and propagated 100+ species from seed

September 1997 – December 1999

University of Toronto at Mississauga

*Teaching Assistant*

- Assisted with lab development and teaching for senior level courses in Plant Ecology, Wildflowers of Southern Ontario, Plant Developmental Biology and Ontario Ecosystems
- Marked assignments and provided assistance to students

June 1994 – October 1996

Vivian Brownell, private biological consultant

*Ecological Consultant*

- Conducted biological inventories and evaluations of over 70 natural areas for Ontario Ministry of Natural Resources, Lower Trent Conservation Authority and Regional Municipality of Ottawa - Carleton
- Assisted in writing reports outlining natural features and management recommendations for natural areas surveyed
- Assisted with preparation of Significant Wildlife Habitat manual for Ontario Ministry of Natural Resources

PROFESSIONAL EXPERIENCE (CONTINUED)

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June to September, 1989 – 1996

Algonquin Provincial Park, ON

*Park Naturalist*

- Conducted interpretive walks on varied natural history themes for park visitors
- Presented natural history talks for audiences of up to 500 people
- Recorded data on plant and animal distribution for park records
- Organized and maintained park herbarium

April to June, 1992

Algonquin Provincial Park, ON

*Museum Exhibit Technician*

- Assisted with collection of materials and construction of dioramas in new visitor centre
- Advised on plant species appropriate for foreground of dioramas

January to April, 1995; Sept. to December, 1996

Presqu'ile Prov. Park, ON

*Vascular Plant Checklist and Waterfowl Survey Technician*

- Researched and produced a checklist of the vascular plants of Presqu'ile for publication
- Assisted with writing preliminary documents for park master plan consultation process
- Conducted surveys of waterfowl and shorebird numbers

May to June, 1993

Ontario Ministry of Natural Resources, Aurora

*Field Biologist*

- Surveyed vascular plant, bird, mammal, reptile and amphibian species in Areas of Natural and Scientific Interest along the Niagara Escarpment, from the Niagara area to the Bruce Peninsula
- Mapped significant biological features on aerial photographs
- Compiled relevant maps from OMNR collections

REFEREED PUBLICATIONS

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OLDHAM, M.J., C. GOODWIN, C.S. BLANEY. (in press). Bur Buttercup (*Ranunculus testiculatus*) new to eastern Canada. *Canadian Field-Naturalist*.

BLANEY, C.S. & P.M. KOTANEN. 2002. Persistence in the seed bank: The effects of fungi and invertebrates on seeds of native and exotic plants. *Ecoscience*. 9: 509-517.

BLANEY, C.S. & P.M. KOTANEN. 2001. Post-dispersal losses to seed predators: an experimental comparison of native and exotic old field plants. *Canadian Journal of Botany*. 79: 284-292.

#### REFEREED PUBLICATIONS (CONTINUED)

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BLANEY, C.S. & P.M. KOTANEN. 2001. Effects of fungal pathogens on seeds of native and exotic plants: a test using congeneric pairs. *Journal of Applied Ecology*. 38: 1104-1113.

BLANEY, C.S. & P.M. KOTANEN. 2001. The Vascular Flora of Akimiski Island, Nunavut Territory, Canada. *Canadian Field-Naturalist*. 115: 88-98.

BLANEY, C.S., M.J. OLDHAM & A.A. REZNICEK. 1997. Hyssop-leaved Loosestrife, *Lythrum hyssopifolia* L. (*Lythraceae*), New to Canada. *Canadian Field-Naturalist*. 111: 664-665.

BROWNELL, V.R., C.S. BLANEY & P.M. CATLING. 1996. Recent discoveries of southern vascular plants at their northern limits in the granite barrens area of Lennox and Addington County, Ontario. *Canadian Field-Naturalist*. 110: 255-259.

BROWNELL, V.R., P.M. CATLING, M.J. OLDHAM & C.S. BLANEY. 1995. New distributional records in relation to phytogeography and floristic diversity of the eastern Lake Ontario region. *Michigan Botanist*. 33: 53-65.

#### OTHER PUBLICATIONS

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MAZEROLLE, D.M. & C.S. BLANEY. (in review). COSEWIC Status Report on Gulf of St. Lawrence Beach Pinweed (*Lechea maritima* var. *subcylindrica*). Prepared for the Committee on the Status of Endangered Wildlife in Canada. 34 pp.

BLANEY, C.S. & D.M. MAZEROLLE. (in review). Status report on Ram's-Head Lady's-Slipper (*Cypripedium arietinum*) in Nova Scotia. A report to Nova Scotia Department of Natural Resources. 31 pp.

BLANEY, C.S. & D.M. MAZEROLLE. 2007. A Survey of Rare Aquatic and Wetland Vascular Plant Species in Randomly Selected Southwestern New Brunswick Lakes. A report to the New Brunswick Environmental Trust Fund and the New Brunswick Wildlife Trust Fund. 45 pp.

BLANEY, C.S. & D. ROY. 2007. Vascular Plant and Breeding Bird Survey of the Maurice Property at Barachois, New Brunswick. A report to the Nature Conservancy of Canada. 14 pp.

COURSOL, F. & C.S. BLANEY. 2006. COSEWIC Status Report on Parker's Pipewort (*Eriocaulon parkeeri*). Prepared for the Committee on the Status of Endangered Wildlife in Canada. 34 pp.

BLANEY, C.S. 2006. Vascular Plant Inventory of the Proposed Wind Turbine Array, West Cape, Prince Edward Island. A report to Ventus Energy Inc. 31 pp.

BLANEY, C.S. 2006. Vascular Plant Inventory of the Proposed Wind Turbine Array, Fairfield, New Brunswick, with Notes on Breeding Birds. A report to Vector Wind Energy Inc. 18 pp.

BLANEY, C.S. 2006. Vascular Plant Inventory of the Proposed Wind Turbine Array, Pugwash, Nova Scotia, with Notes on Breeding Birds. A report to Cobequid Area Wind Farms Inc. 29 pp.

BLANEY, C.S. 2006. A Vascular Plant Inventory of the Proposed Wind Turbine Array, North Lake, Prince Edward Island, with notes on breeding birds. A report to PEI Energy Corporation. 19 pp.

BLANEY, C.S. 2006. Field Investigation of the Distribution and Status of Gulf of St. Lawrence Beach Pinweed (*Lechea maritima* var. *subcylindrica*) and Parker's Pipewort (*Eriocaulon parkeri*) in New Brunswick, Prince Edward Island and Nova Scotia, with Notes on Other Provincially Rare Species. A report to the NB Environmental Trust Fund, NB Wildlife Council Trust Fund and Endangered Species Recovery Fund. 28 pp.

BLANEY, C.S. & C.D. SPICER. 2006. Rare Vascular Plant Surveys in Private Land Forests on Prince Edward Island. A report to PEI Model Forest Network Partnership. 72 pp.

HILL, N.M. & C.S. BLANEY. 2006. Invasive Vascular Plants in the Maritime Atlantic Ecozone: Plague or Symptom of Anthropogenic Habitat Disturbance? Agriculture & Agrifood Canada. 58 pp.

LAUTENSCHLAGER, R.A., C.S. BLANEY, K. MILLER, D. DOUCET, M. ROMER & S.R. GERRIETS. 2006. Rare Plant and Animal Data Compilation for Atlantic Canadian Parks (Fundy, Kouchibouguac, Prince Edward Island, Cape Breton Highlands, Kejimikujik, Gros Morne, Terra Nova). A report to Parks Canada Regional Service Centre, Halifax. 6 pp.

BLANEY, C.S. & S.R. GERRIETS. 2006. How complete are Parks Canada species lists for National Parks? An analysis using Atlantic Canada Conservation Data Centre Data. A report to Parks Canada Regional Service Centre, Halifax. 10 pp.

MAZEROLLE, D.M. & BLANEY, C.S. 2006. Results of AC C DC Rare Plant Data Improvement for New Brunswick, 2005-2006. 7 pp.

LAUTENSCHLAGER, R.A. & C.S. BLANEY. 2006. Surveys for Species at Risk on the Canadian Forest Service's Acadia Research Forest near Fredericton, New Brunswick. 6 pp.

LAUTENSCHLAGER, R.A. & C.S. BLANEY. 2006. The Southern Twayblade (*Listera australis* Lindl.): Background, North American distribution, and relevance of new populations found on the Acadia Research Forest. A report to the Canadian Forest Service, Fredericton. 9 pp.

- BLANEY, C.S. & C.D. SPICER. 2005. Atlantic Canada Conservation Data Centre Vascular Plant Surveys in Potential Fine Filter Protected Natural Areas. A report to NB DNR. 30 pp.
- BLANEY, C.S. 2005. 2005 Vascular Plant Surveys in Yarmouth and Shelburne Counties, Nova Scotia. A report to NS DNR. 38 pp.
- BLANEY, C.S. 2005. Wetland Delineation for the MacDonald Property, Grande-Digue, New Brunswick. A report to M. Leblanc Landscaping, Moncton. 12 pp.
- BLANEY, C.S. 2005. Wetland Delineation on Summerside Regional Development Corporation Property in West Summerside. A report to Key McKnight & Maynard, Barristers & Solicitors. 13 pp.
- BLANEY, C.S. 2005. 2004 Vascular Plant Surveys in Yarmouth and Shelburne Counties, Nova Scotia. A report to NS DNR. 28 pp.
- BLANEY, C.S. 2005. Atlantic Canada Conservation Data Centre Rare Vascular Plant Surveys in New Brunswick – 2004. A report to the New Brunswick Environmental Trust Fund and New Brunswick Wildlife Council Trust Fund. 28 pp.
- BLANEY, C.S. 2004. Results of ACCDC Rare Plant Data Improvement for New Brunswick, 2003-2004. A report to the NB Environmental Trust Fund. 7 pp.
- BLANEY, C.S. 2004. Vascular Plant Surveys in Kouchibouguac National Park – 2004. A report to Parks Canada, Kouchibouguac National Park. 24 pp.
- BLANEY, C.S. 2004. Vascular Plant Inventory and Rare Animal Assessment for the East Coast Yachting Centre site, Chester, NS. A report to HMJ Consulting. 13 pp.
- BLANEY, C.S. 2004. A breeding bird and vascular plant inventory for the Diercks property, Parcel A, Greenwich, P.E.I., with plant community plot data. A report to BDA Consulting. 43 pp.
- BLANEY, C.S. 2004. Vascular Plant Surveys of Northumberland Strait Rivers and Amherst Area Peatlands, 2003. A report to the Nova Scotia Museum of Natural History. 42 pp.
- BLANEY, C.S. 2004. Atlantic Canada Conservation Data Centre Vascular Plant Survey of the Eel River, 2003. A report to the New Brunswick Wildlife Council Trust Fund. 32 pp.
- BLANEY, C.S. 2004. A vascular plant inventory and *Pseudocyphellaria* lichen survey on Bowater property at Bog Lakes, Lunenburg County, Nova Scotia. ACCDC, Sackville, NB. 15 pp.
- BLANEY, C.S. 2004. A vascular plant inventory of Cape Split Provincial Park, with notes on the vascular flora of Blomidon Provincial Park. A report to NS Department of Natural Resources. 29 pp.

- BLANEY, C.S. 2004. A reconnaissance vascular plant inventory of the Germantown Section of the Shepody National Wildlife Area. A report to Environment Canada, Canadian Wildlife Service. 26 pp.
- BLANEY, C.S. 2004. Atlantic Canada Conservation Data Centre: Botany Program Progress in the Maritime Provinces, 2001-2002. A report to the EJLB Foundation. 15 pp.
- BLANEY, C.S., C.D. SPICER, T.M. POPMA. 2003. Rare plant inventory of previously identified Potentially Unique Areas on the UPM-Kymmene Nepisiguit License. 38 pp.
- BLANEY, C.S. 2003. Rare Plant Data Compilation for Kouchibouguac National Park. A report to Parks Canada, Kouchibouguac National Park. 53 pp.
- BLANEY, C.S. 2003. Atlantic Canada Conservation Data Centre Rare Vascular Plant Surveys in New Brunswick, 2002. A report to the New Brunswick Environmental Trust Fund and New Brunswick Wildlife Council Trust Fund. 41 pp. + appendices.
- BLANEY, C.S. 2003. A reconnaissance vascular plant inventory of the Portobello National Wildlife Area. A report to the Canadian Wildlife Service. 29 pp.
- BLANEY, C.S. 2003. A reconnaissance vascular plant inventory of the Chipman, NB weather radar site. A report to Environment Canada. 10 pp.
- SIMPSON, J. & C.S. BLANEY. 2003. Rare Plant Survey of the Upper Saint John River with Focus on Furbish's Lousewort. Nature Trust of New Brunswick. Fredericton, NB. 61 pp.
- BLANEY, C.S. 2002. A reconnaissance vascular plant inventory for the pipeline corridor from Canaport to Grandview Industrial Park, Saint John, NB. Report to Jacques Whitford Inc. Fredericton, NB. 20 pp.
- BLANEY, C.S. 2002. 2001 Rare plant surveys on Bowater Mersey Woodlands land. Report to Bowater Mersey, Inc. Liverpool, NS. 31 pp.
- BLANEY, C.S. 2002. Vascular Plant Inventory and Site Assessment of the StoraEnso River Inhabitants Bog Protected Area – 2001. Report to StoraEnso, Inc. Port Hawkesbury, NS. 12 pp.
- BREDIN, K., C.S. BLANEY, M. d'ENTREMONT, S. GERRIETS, C. SPICER. 2001. Biodiversity Conservation Data for New Brunswick. Report to New Brunswick Environmental Trust Fund. Fredericton, NB. 84 pp. + appendices.
- BLANEY, C.S. & R. NEWELL. 2001. Nova Forest Alliance Rare Plant Project Final Report. Report to the Nova Forest Alliance. Stewiacke, NS. 125 pp.
- BLANEY, C.S. 2001. Report on final site visit to Atlantic Wind Test Site, North Point, Prince Edward Island. Report to Atlantic Wind Test Site, Inc. North Point, PE. 8 pp.

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### LANGUAGE SKILLS

- French: excellent (oral and written)
- English: excellent (oral and written)

### FORMAL EDUCATION

- Completed a bachelor's degree with a major in biology and a minor in geography at the Université de Moncton (2000)
- Completed a master's degree in environmental studies with a thesis pertaining to the management of exotic plant invasions in a protected natural area and the development of a management strategy (2006). Supervised by Dr. Liette Vasseur (Laurentian University), the thesis is entitled *Évaluation de la flore exotique envahissante et étude comparative de la végétation des habitats perturbés au parc national Kouchibouguac : vers le développement d'une stratégie systémique de gestion (Assessment of the exotic invasive flora of the Kouchibouguac National Park area and comparative study of the vegetation of disturbed habitats: towards the development of a systemic management strategy)*.

### NON-FORMAL EDUCATION

- Participated in a Canada World Youth cultural exchange program in which I resided four months in Swan River, Manitoba (working at a high school as a teacher's aid for biology and ecology courses) and four months in Florencia, Cuba (working in the harvesting of medicinal plants and the creation of medicine from these plants) (1998-1999).

### PERTINENT WORK-RELATED EXPERIENCE

- Currently working as assistant botanist at the Atlantic Canada Conservation Data Centre, an organization dedicated to acquiring, analyzing and providing information on Atlantic Canada's natural heritage in order to contribute to informed decision-making in conservation and development (2006- ).
- Worked as a freelance field botanist, contracted by the New Brunswick Department of Natural Resources, and the Atlantic Canada Conservation Data Centre (2005).
- Worked as coordinator for plant research and monitoring projects at the Bouctouche dune Irving Eco-center (2003-2005). In this function, I carried out a variety of projects concerning the survey, monitoring, and conservation of rare and endangered coastal plant species in southeastern New Brunswick. These projects also included a wide variety of initiatives such as campaigns for the raising of awareness in local communities; the culture of a globally threatened species to produce seeds for use in conservation efforts; and the organization and facilitation of a 2005 conference/workshop on the Gulf of St. Lawrence aster, bringing together all parties involved in order to discuss challenges faced in the conservation and recovery of this threatened species endemic to the Gulf of St. Lawrence.

- Collaborated on a salt marsh vegetation study in Kouchibouguac National Park aiming to detect and measure changes in the state of salt marsh ecosystems on New Brunswick's eastern coast (2002).
- As part of a master's research project, carried out a detailed study of the vegetation of disturbed habitats in Kouchibouguac National Park, an exotic species inventory, an assessment of exotic invasive species threatening natural ecosystems in the Kouchibouguac National Park area and the development of an exotic flora management strategy (2001-2006).
- Represented Kouchibouguac National Park at National Workshop on Invasive Alien Species in Ottawa, Ontario (2001).
- Worked as a field technician for an Environment Canada salt marsh bird survey (2000).
- Worked as a field technician for Dr. Marc-André Villard (Université de Moncton) on a forest and bog bird inventory and bio-indicator study, responsibilities also included carrying out vegetation surveys for a variety of research projects (2000).
- Worked for *St-Louis Recycling Inc.*, responsibilities included carrying out an evaluation of the state of recycling in the Saint-Louis de Kent / Richibucto / Kouchibouguac National Park area and submitting recommendations for improvement as well as the creation of an educative video concerning composting and the organization of various public awareness activities (1997-1998).
- Worked as an interpreter / tour guide for *Croisières Kouchibouguac*, a privately owned ecotourism enterprise (1996).
- Worked as a volunteer for several research projects in Kouchibouguac National Park (KNP) including a seed banking experiment and river inventories as well as various projects concerning amphibians and small mammals (1995-1996).

#### SELECTED CONTRIBUTIONS TO RESEARCH

- Mazerolle, D.M. 2006. *Évaluation de la flore exotique envahissante et étude comparative de la végétation des habitats perturbés au parc national Kouchibouguac : vers le développement d'une stratégie systémique de gestion (Assessment of the exotic invasive flora of the Kouchibouguac National Park area and comparative study of the vegetation of disturbed habitats: towards the development of a systemic management strategy)*. Thesis, Université de Moncton.
- Currently preparing a manuscript for the publication of master's degree research in a peer reviewed journal.
- Currently preparing a COSEWIC (Committee On the Survival of Endangered Wildlife in Canada) status report for seaside pinweed (*Lechea maritima* var. *subcylindrica*), an extremely rare coastal plant species endemic to New Brunswick and Prince Edward Island (in collaboration with Sean Blaney, Atlantic Canada Conservation Data Centre).
- Authored eight technical reports from 2003 to 2005 including most recently;
  - Mazerolle, D. M. 2005. Status of the Gulf of St. Lawrence aster (*Symphyotrichum laurentianum*) in New Brunswick and report on the 2005 Irving Eco-center Gulf of St. Lawrence aster project. Irving Eco-center, la Dune de Bouctouche, Saint-Édouard-de-Kent, New Brunswick. 57pp. Project funded by Environment Canada's Habitat Stewardship Program for Species at Risk and the World Wildlife Fund's Endangered Species Recovery Fund.
  - Mazerolle, D. M. 2005. A survey of rare coastal vascular plant species along New Brunswick's Northumberland Coast. Irving Eco-center, la Dune de Bouctouche, Saint-Édouard-de-Kent, New Brunswick. 49pp. Project funded by Environment

Canada's Habitat Stewardship Program for Species at Risk and the World Wildlife Fund's Endangered Species Recovery Fund.

- Mazerolle, D. M. 2005. Description, distribution and status of the Gulf of Saint Lawrence aster; evolution and current state of New Brunswick populations. Conference / workshop on the Gulf of Saint Lawrence aster, Bouctouche, New Brunswick, November 2005. Oral presentation.
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- Mazerolle, D. M. 2004. The struggle against bioinvasions in a national park: towards better-informed decision-making in the management of Kouchibouguac National Park's exotic flora. *Elements*, a quarterly environmental electronic magazine produced by the New Brunswick Environmental Network, April 2004.
- Mazerolle, D. M., L. Vasseur, E. Tremblay. 2003. Survey and assessment of Kouchibouguac National Park's exotic flora: towards the development of a management strategy. Canadian Botanical Association Annual Meeting, Antigonish, Nova Scotia, June 2003. Oral presentation.
- Leblanc, S., D. M. Mazerolle, L. Vasseur, E. Tremblay. 2003. Changes in vegetation communities in the salt marshes of Kouchibouguac National Park of Canada. Canadian Botanical Association Annual Meeting, Antigonish, Nova Scotia, June 2003. Poster presentation.
- Mazerolle, D. M., L. Vasseur, E. Tremblay. 2002. Assessment and monitoring of exotic invasive plant species for Kouchibouguac National Park: Towards the development of an exotic flora management plan. EMAN (Ecological Monitoring and Assessment Network) National Science Meeting, Gatineau, Québec, April 2002. Poster presentation.