

**NEW BRUNSWICK WILDLIFE TRUST FUND
LIST OF PROJECTS APPROVED
2016**

**Michelle Gray, UNB, Faculty of Forestry and Environmental Management
Dispersion, Distribution, and Population Assessment of Slimy Sculpin in NB \$12,500.**

**Restigouche River Watershed Management Council Inc.
Atlantic Salmon Survey 2016 – Restigouche River System \$10,000.**

**Nepisiguit Salmon Association
Nepisiguit Salmon Assesement & Enhancement \$9,500.**

**Partenariat pour la gestion intégrée du bassin versant de la baie de Caraquet Inc.
Ecological Restoration of Serbys Brook, Phase 3 \$5,000.**

**Comité de Gestion Environnementale de la Rivière Pokemouche
Fish Habitat Restoration of Fidèle’s Brook – Phase 3 \$6,500.**

**Antoin O’Sullivan, UNB, Canadian Rivers Institute
Mapping River Temperature Change as a Result of Coldwater Refugia
Augmentation in the Miramichi Watershed \$4,930.**

**Miramichi Salmon Association Inc.
Juvenile Atlantic Salmon Assessment on the Miramichi River 2016 \$9,000.**

**Miramichi Salmon Association Inc.
Smolt Predation Study on the Northwest Miramichi River \$6,000.**

**Northumberland Salmon Protection Association
Adult Salmon and Striped Bass Assessment on the Northwest Miramichi
River 2016 \$12,000.**

**Les Ami(e)s de la Kouchibouguacis Inc.
Kouchibouguacis River Aquatic Habitat 2016 \$8,000.**

Les Ami(e)s de la Kouchibouguacis Inc. Atlantic Salmon (Education, Egg Incubation, Restoration and Monitoring)	\$5,000.
Shediac Bay Watershed Association Fish Habitat Restoration, Evaluation and Education of the Enhancement of Salmonids Populations in the Shediac Bay Watershed	\$5,000.
Vision H20 (Groupe du bassin versant de la région de Cap-Pelé) Assessment of the Salmonid Habitat in the Kinnear River	\$12,000.
Kurt Samways, UNB, Canadian Rivers Institute Determining the Efficacy of Marine Reared Native Adult Atlantic Salmon Introductions: Linking Telemetry with Behaviour and Experimental Biology	\$12,000.
Fort Folly Habitat Recovery Program Supporting Recovery of Endangered Inner Bay of Fundy Atlantic Salmon on the Big Salmon River	\$20,000.
Atlantic Coastal Action Program (ACAP) Saint John Inc. The Rebirth of Water: Chronicling the Post-Harbour Cleanup Recovery of New Brunswick's Largest Urban Watersheds	\$5,000.
Dr. Allen Curry, UNB, Canadian Rivers Institute Finding and Mapping Winter, Under-ice Habitats of Striped Bass in the Saint John River	\$15,000.
Kennebecasis Watershed Restoration Committee Smith's Creek Headwaters Enhancement Project	\$8,000.
Kennebecasis Watershed Restoration Committee Improving Fish Passage in the Kennebecasis	\$7,000.
Hammond River Angling Association Hammond River Atlantic Salmon Smolt Assessment	\$6,000.
Hammond River Angling Association Juvenile Salmon Population Assessment	\$10,000.

Oromocto River Watershed Association Inc. Electrofishing Monitoring Assessments in Salmonid-bearing Streams in the Oromocto River Watershed	\$6,000.
Nashwaak Watershed Association Inc. Geomorphic Assessment in the Nashwaak River	\$12,000.
Dr. Tommi Linnansaari, UNB, Canadian Rivers Institute Developing Methods for Monitoring Abundance and Upstream Passage of Young American Eel at Migration Barriers	\$6,000.
Maliseet Nation Conservation Council Assessment of Water Quality, Fish Habitat and Fish Populations of Indian, Murray and MacIntosh Brooks	\$7,000.
Saint John Basin Salmon Recovery Inc. Supplying Saint John River Salmon Smolts for a Captive Adult Rearing Program	\$8,000.
Dr. Allen Curry, UNB, Canadian Rivers Institute Distribution, Abundance, and Spawning of Rainbow Trout in the Saint John River: Assessing the Potential Impacts for Atlantic Salmon and Brook Trout	\$8,000.
Eastern Charlotte Waterways Atlantic Salmon Population and Habitat Assessments in the Magaguadavic and Digdeguash Rivers	\$6,000.
Atlantic Salmon Federation Outer Bay of Fundy Atlantic Salmon Monitoring Program	\$3,000.
Atlantic Canada Fish Farmers Association Inner Bay of Fundy Atlantic Salmon Recovery Project Through Saltwater Running	\$10,000.
Miramichi Headwaters Salmon Federation Inc. 2016 Satellite Rearing Facility Operation & Public Education	\$15,000.
Jeff Levesque, Forêt expérimentale de l'École de foresterie de l'UMCE Twenty-Year Post Management Follow-up of Brook Trout Habitat	\$10,000.

Restigouche River Watershed Management Council Inc. Fall Spawning Survey of Adult Salmon in the Restigouche River 2016	\$4,000.
Comité Sauvons nos Rivières Neguac Inc. Ecological Restoration of Salmonid Habitats in Indian Brook and Godin Brook and Sediment Management	\$10,000.
The Southeastern Anglers Association Inc. Mill Creek Project Design, Bank Stabilization and Fish Habitat Improvement	\$5,000.
The Southeastern Anglers Association Inc. Bouctouche First Nation Striped Bass Acoustic Tags	\$10,000.
Kennebecasis Watershed Restoration Committee Upper Kennebecasis Habitat Assessment & Enhancement	\$7,000.
Kennebecasis Watershed Restoration Committee 2016 Creel Census and Monitoring	\$8,000.
Matthew Litvak, Mount Allison University Development of Best Practices for Angling of Shortnose Sturgeon	\$13,000.
The Canaan River Fish and Game Association Electrofishing Assessments in Tributaries to the Canaan River – Washademoak Lake	\$5,000.
Fort Folly Habitat Recovery Monitoring Movements & Habitat Use of Released Adult Inner Bay of Fundy Atlantic Salmon in the Petitcodiac & Big Salmon River	\$8,000.
Tobique Salmon Protective Association Inc. Tobique and St. John River Wild Salmon Stabilization Recovery	\$6,000.
TOTAL FOR THESE FISHERIES RELATED PROJECTS:	<u>\$355,430.</u>

Quality Deer Management Association NB – South Branch Bear Camera Surveys on Private Land in Southern New Brunswick	\$3,000.
Delta Waterfowl (Southern NB Chapter) Restoration of Wood Duck Habitat on Private Lands in Southern NB	\$5,000.
Delta Waterfowl (Southern NB Chapter) Hen House Installations on Private Lands in Southern New Brunswick	\$4,000.
Martin Béland, École de foresterie de l'UMCE Impact Assessment on the Habitat Quality of an Alternative Treatment to Conventional Pre-Commercial Thinning	\$18,000.
Quality Deer Management Association – Northern NB Section Evaluation White-Tailed Deer Density on Crown Lands in Wildlife Management Zone 1	\$6,000.
Quality Deer Management Association – Northern NB Section Evaluation White-Tailed Deer Density on Crown Lands in Wildlife Management Zone 2	\$4,000.
SNB Wood Co-operative Ltd. Education & Outreach for Deer Habitat Management Planning on Private Lands in Southern N.B.	\$4,000.
TOTAL FOR THESE WILDLIFE RELATED PROJECT	<u>\$44,000.</u>
NB Trappers & Fur Harvesters Federation Furbearer Track Transect Network 2016-17	\$4,000.
TOTAL FOR THIS TRAPPING RELATED PROJECT:	<u>\$4,000.</u>
Bird Studies Canada Strengthening Landowner Stewardship and Monitoring of Aerial Insectivores in New Brunswick	\$9,000.

John Klymko, Atlantic Canada Conservation Data Centre Pygmy Snaketail Surveys in New Brunswick	\$11,000.
Bird Studies Canada Monitoring High Elevation Birds in Industrial Forest and Discovering New Bicknell's Thrush Breeding Clusters	\$8,500.
Dr. Don McAlpine, New Brunswick Museum BiotaNB 2016	\$15,000.
Dr. A.W. Diamond, UNB, Atlantic Lab for Avian Research Determining Home Range of Bicknell's Thrush	\$10,000.
Serge Jolicoeur, Université de Moncton Monitoring Blooming of the Maritime Ringlet's Nectar Sources in the Context of Climate	\$8,000.
Groupe des bassins versants de la baie des Chaleurs Adult Maritime Ringlet Butterfly – Counting Adults and Impacts of Climate Change	\$8,000.
Daly Point Nature Reserve Monitoring of the Endangered Maritime Ringlet Butterfly	\$2,200.
Partenariat pour la gestion intégrée du bassin versant de la baie de Caraquet Inc. Maritime Ringlet Butterfly Count 2016	\$5,000.
Miramichi River Environmental Assessment Committee Wood Turtle Protection Strategy	\$10,000.
The Southeastern Anglers Association Freshwater Mussel Inventory with a Special Interest in the Brook Floater (<i>Alasmodonta varicose</i>) Population in the Bouctouche, Little Bouctouche, Cocagne and Chockpish Watersheds 2016	\$8,000
Myriam Barbeau, UNB Dynamics of Ribbed Mussels at their Northern Range Limit (New Brunswick)	\$6,000.

Petitcodiac Watershed Alliance Wood Turtles in the Petitcodiac: Synthesizing Three Years of Study to Contribute to Conservation in New Brunswick	\$10,000.
Petitcodiac Watershed Alliance Documenting the Evolution of the Petitcodiac River with Local Ecological Knowledge	\$8,000.
Shediac Bay Watershed Association Evaluation of Brook Floater Habitat in the Shediac Bay Watershed	\$4,000.
Dr. Marty Leonard, Dalhousie University Determining the Role of Wintering Conditions on Swallow Population Declines	\$12,000.
Constance Browne, NB Museum Identifying Conservation Threats and Solutions to Protecting Turtle Populations in an Urban Landscape in New Brunswick	\$12,000.
Birds Studies Canada Assessing Risks to Seabirds in Coastal New Brunswick and the Bay of Fundy	\$12,000.
Community Forests International The Bee Field	\$1,500.
Donald Ostaff Bee Pollinator Diversity on Abandoned Coal Mining Sites and the Role of Artificially Established Populations of Native Willow Species in Promoting Natural Pollinator Populations	\$7,500.
The Nature Trust of New Brunswick Inc. Land Acquisition on Oromocto Island	\$4,700.
Amélie Roberto-Charron, University of Manitoba Monitoring Canada Warblers Throughout Their Lifecycle and Determining the Cause of the Dramatic Decline in the New Brunswick Population	\$6,400.

Dr. Wendy Monk, UNB, Canadian Rivers Institute Environmental DNA as a Tool for Characterizing Benthic Macroinvertebrate Communities: A Powerful Detection Tool for Species at Risk	\$11,000.
David Mazerolle, Atlantic Canada Conservation Data Centre Documenting Conservation Priorities in Western New Brunswick's Calcareous Habitats	\$9,000.
Bird Studies Canada Into the Forest: The Maritimes Marsh Monitoring Program Expands to Improve Conservation of Forested Wetlands	\$10,000.
Saint John Naturalists' Club Inc. Greenlaw Mountain Hawk Watch	\$5,000.
The Nature Trust of New Brunswick Inc. Great Fundy Coastal Cleanup	\$10,000.
Meduxnekeag River Association Inc. Distribution of Canada Warbler (<i>Cardellina Canadensis</i>) in the Meduxnekeag Watershed	\$2,500.
Société d'aménagement de la rivière Madawaska Efforts to Recover Species at Risk in Madawaska	\$10,000.
Marc-André Villard, Université de Moncton Landscape Resistance to Bird Movements in an Intensively Managed Forest	\$14,000.
Bird Studies Canada Nocturnal Owl Survey: Effects of 15-years of Habitat Change on Owl Abundance	\$10,000.
Nature Conservancy of Canada Stewardship and Conservation of Old Forest Habitat on Private Lands in NB	\$10,000.
John Klymko, Atlantic Canada Conservation Data Centre Improving the Baseline Knowledge of Select Insect Groups at Nepisiguit Protected Natural Area and Mount Carleton Provincial Park	\$7,000.

Club de Naturalistes de la Péninsule acadienne Heron Census on the Acadian Peninsula	\$1,340.
Diana Hamilton, Mount Allison University Use of the Acadian Peninsula, NB, by migrating Whimbrels and other Shorebirds	\$5,000.
Mélanie-Louise LeBlanc, McGill University The Application of Satellite Image Time-series to Assess Eelgrass Zostera Marina Habitats Threats in the Tabusintac Estuary, NB	\$2,000.
Groupe de développement durable du Pays de Cocagne Migratory Shorebird Survey of the Bouctouche Dune and Cormierville Marsh	\$5,000.
Nature Conservancy of Canada Staying Connected – Identifying Priorities for Wildlife Connectivity along the Chignecto Isthmus	\$6,000.
Elgin Eco Association Acadian Mapleton Trail Property	\$10,000.
Conservation Council of New Brunswick Our Local Heroes: Engaging New Brunswickers on the Importance of Pollinators	\$3,000.
The Nature Trust of New Brunswick Inc. Establishment of Middle Island Nature Preserve	\$10,000.
The Huntsman Marine Science Centre St. Andrews Bird Banding Station 2016 – Fall Migration Monitoring Project	\$8,000.
Dr. Stephen Clayden, NB Museum A Survey of Mushrooms and Other Fungi on Campobello Island	\$9,000.
Nature Conservancy of Canada Permanent Protection of the Grand Manan Migratory Bird Sanctuary	\$25,000.

A.W. Diamond, UNB	
Use of Aquaculture Feed, Fishing Bait, Garbage, and other Human-generated Food Sources by an (over) Abundant Species, the Herring Gull	\$6,200.
Grand Manan Whale and Seabird Research Station	
Monitoring Water Temperatures in the Bay of Fundy: Assessing Impacts of Climate Change on the Ecosystem	\$6,760.
The Nature Trust of New Brunswick Inc.	
Upper St. John River Landowner Stewardship Project	\$12,000.
Meduxnekeag River Association Inc.	
Expanding the Meduxnekeag Valley Nature Preserve on the South Branch	\$10,000.
TOTAL FOR THESE BIODIVERSITY RELATED PROJECTS:	<u>\$396,600.</u>
Ducks Unlimited Canada	
Project Webfoot Grade 4 Field Trip Program – School Year 2015-2016	\$11,000.
Nature Conservancy of Canada	
Conservation Volunteers Program 2016	\$8,000.
Science East	
Envirothon NB 2016	\$10,000.
Nature NB	
Nurturing a New Generation of Botanists	\$8,000.
Nature NB	
Where the Wild Things are: Attracting and Protecting Wildlife in Your Backyard	\$7,500.
Nature NB	
WTF – Connecting New Brunswick Youth with New Brunswick Biodiversity	\$8,000.
Canadian Parks and Wilderness Society – NB Chapter	
Get outside NB – Creating Youth Natural Leaders	\$5,000.

Mark Gautreau, UNB, Canadian Rivers Institute Field Guide to the Inland Fishes of New Brunswick	\$4,000.
New Brunswick Salmon Council Fish Friends	\$5,000.
Atlantic Salmon Museum It's Your River...Experience its Lure...	\$13,000.
The Nature Conservancy of Canada Shorebird Interpreters 2016 – NCC's Johnson's Mills Shorebird Reserve	\$10,000.
Sackville Rod & Gun Club Inc. Sackville Rod & Gun Club Inc. Youth Fishing Derby	\$1,200.
Hammond River Angling Association Hammond River Nature Camp	\$12,000.
Fundy Shooting Sports Inc. Scout Appreciation Day	\$1,000.
Fredericton Trap & Skeet Club FTSC Novice Program	\$2,500.
The Nature Trust of New Brunswick Inc. Landowner Stewardship Education and Conservation Program Building in the Lower St. John River Watershed	\$17,000.
The Nature Trust of New Brunswick Inc. Capacity Building Through Stewardship Group Workshops	\$12,000.
St. Croix Estuary Project Inc. Nature Detective Program	\$4,000.
St. Croix Estuary Project Inc. Youth Engagement in Environmental Stewardship (YEES!!!)	\$5,000.

Salon de la forêt Salon de la forêt 2016	\$1,000.
Quality Deer Management Association – Northern Section of New Brunswick Evening Conferences on the White-tailed Deer	\$4,500.
Forêt expérimentale de la Faculté de foresterie de l'UMCE Summer Camp «Wildlife : Our Asset, Our Responsibility»	\$12,600.
École de foresterie de l'UMCE Natural Resources Leadership Camp	\$3,500.
NB Trappers & Fur Harvesters Federation Fur Kits 2016	\$1,595.
New Brunswick Environmental Network New Brunswick Biodiversity Collaborative	\$5,000.
Dr. Donald F. McAlpine, NB Museum A Field Guide to the Ants of New Brunswick	\$15,000.
Nature NB Nature Guides 2016	\$6,000.
Canadian Parks and Wilderness Society, NB Chapter Watch Your Paws – Motivating Students for Nature Conservation Action	\$2,000.
Nature NB Acadian Peninsula Birding Hot Spots	\$9,000.
Tantramar Wetlands Centre Experience Wetlands Education	\$6,000.
NB Trappers & Fur Harvesters Federation 2017 NBTFHF Trapper Education Workshop	\$5,000.

Fundy Model Forest Envirothon – Program Workshops	\$1,400.
Fundy Model Forest Deer Oh Deer – Outdoor Experiential Workshops	\$5,000.
Hammond River Angling Association Sharing our Nature	\$6,000.
Hammond River Angling Association Public School Education	\$10,000.
River Valley Volunteer Hunter Education Instructor Association Hunter Education for Minors age 11 to 16	\$800.
NB Sport Fishing Association Oromocto Kids Fishing Tournament	\$970.
New Brunswick Sport Fishing Association Woodstock Kids Fishing Tournament	\$1,150.
Forêt expérimentale de la Faculté de foresterie de l'UMCE Educational Workshops in Elementary Classes : « The Forest, Habitat for New Brunswick Wildlife »	\$3,000.
TOTAL FOR THESE EDUCATION RELATED PROJECTS:	<u>\$243,715.</u>

GRAND TOTAL OF THESE PROJECTS: \$1,043,745.00