

**NEW BRUNSWICK WILDLIFE TRUST FUND
LIST OF PROJECTS
2019**

NB Wildlife Federation Adopt – A - Stream	\$4,500.
Restigouche River Watershed Management Council Inc. Atlantic Salmon Survey 2019 – Restigouche River System	\$7,000.
Bassins Versants de la Baie des Chaleurs Buffer Zones Monitoring and Restoration	\$5,500.
Nepisiguit Salmon Association Nepisiguit Salmon Association Salmon Enhancement Project	\$9,000.
Pabineau First Nation Little River Smolt Survey – 2019	\$10,000.
Partenariat pour la gestion intégrée du bassin versant de la baie de Caraquet Inc. Assessment of the Streams Flowing into the Caraquet River	\$6,000.
Comité Sauvons nos Rivières Neguac Inc. Ecological Restoration of Degraded Aquatic Habitats in the McKnight Brook	\$15,000.
Miramichi Salmon Association Inc. Striped Bass Spawning Survey 2019	\$12,000.
Miramichi Salmon Association Inc. Restoring Critically Important Atlantic Salmon Habitat – Government Pool, SW Miramichi River	\$12,000.
Miramichi Watershed Management Committee Miramichi Lake Smallmouth Bass Containment 2019	\$12,000.

Atlantic Salmon Federation Miramichi Atlantic Salmon Tracking	\$15,000.
Dr. Charles Sacobie, UNB Hypoxia and Temperature Tolerance of Brook Trout (<i>Salvelinus fontinalis</i>) Populations in two Distinct Thermal Regimes in the Miramichi Watershed	\$10,000.
Dr. Wendy Monk, Canadian Rivers Institute, UNB Effects of Warming on Freshwater Streams in New Brunswick: A whole ecosystem study using DNA metabarcoding and trait-based food webs	\$8,000.
Les Amis de la Kouchibouguacis Inc. Salmon Population Restoration to the Kouchibouguacis River 2019	\$9,000.
Shediac Bay Watershed Association Fish Habitat Restoration, Evaluation and Education for the Enhancement of Salmonid Populations in the Shediac Bay Watershed	\$8,000.
Dr. Alyre Chiasson, Université de Moncton The Effects of Extreme Oscillations in Water Temperature on Survival of Brook Trout in the Petitcodiac Watershed, a within Stream Study	\$5,000.
EOS Eco-Energy Riparian Health Assessment of the Tantramar River	\$7,000.
Investigating Multigenerational Impacts of Freshwater River Lice on Atlantic Salmon and Technologies for Control	\$10,000.
Fort Folly Habitat Recovery Program Recovery of inner Bay of Fundy Salmon through the Fundy Salmon Recovery & Live Gene Bank Programs on the Big Salmon River	\$15,000.
Kennebecasis Watershed Restoration Committee Filling in the Gaps: Addressing Knowledge Gaps in the Kennebecasis Watershed	\$3,000.
Kennebecasis Watershed Restoration Committee Moosehorn Creek Ecosystem Improvement Project	\$8,000.

Belleisle Watershed Coalition Riparian Enhancement in the Belleisle Watershed	\$6,000.
Hammond River Angling Association Kelt Reconditioning to Support Native Atlantic Salmon Populations	\$9,000.
Atlantic Salmon Federation Outer Bay of Fundy Atlantic Salmon Monitoring Program	\$6,000.
Dr. Matthew K. Litvak, Mount Allison University Finding the Spawning Location of Shortnose Sturgeon	\$15,000.
Dr. Allen Curry, Canadian Rivers Institute, UNB Confirming Spawning Locations and Estimating the Spawning Populations of Atlantic Sturgeon, <i>Acipenser oxyrinchus</i>, and Shortnose Sturgeon, <i>Acipenser brevirostrum</i>, in the Saint John River	\$6,500.
Nashwaak Watershed Association Inc. Monitoring the Health of the Nashwaak Watershed	\$4,500.
Nashwaak Watershed Association Inc. Assessing and Restoring Fish Passage in the Central Nashwaak Watershed	\$7,000.
Dr. Allen Curry, Canadian Rivers Institute, UNB Bioaccumulation of Mercury and DDT in native Saint John River Striped Bass (<i>Morone saxatilis</i>), a Long Lived Apex Predator	\$10,000
Forêt expérimentale, École de foresterie de l'Université de Moncton, campus d'Edmundston Monitoring Brook Trout Habitat Twenty-Two Years after an Improvement Work	\$8,000.
St. Croix International Waterway Commission Supporting Alewife Restoration in the St. Croix River Watershed-/Anadromous Fish Counts at Milltown Dam	\$6,000.
Comité de gestion environnementale de la rivière Pokemouche Trout Brook Fish Habitat Restoration	\$8,500.

Miramichi Salmon Association Juvenile Atlantic Salmon Assessment on the Miramichi River 2019	\$14,025.
Northumberland Salmon Protection Association Adult Salmon and Striped Bass Assessment on the Miramichi River 2019	\$8,925.
Allen Curry, Canadian Rivers Institute - University of New Brunswick Temporal and Spatial Movements of Anadromous Brook Trout from Two Tributaries of the Miramichi River, NB	\$12,750.
Vision H2O; Groupe du bassin versant du Village de Cap-Pelé et de la Communauté rurale Beaubassin-est Study of Fish Habitats in the Aboujagane, Kinnear, Tedish and Kouchibouguac Rivers	\$13,260.
Kennebecasis Watershed Restoration Committee Fox Hill Floodplain Enhancement	\$12,750.
Oromocto Watershed Association Inc. Factors Affecting Fish Distribution in the Oromocto River	\$8,500.
TOTAL FOR THE 38 FISHERIES RELATED PROJECTS:	<u>\$347,710.</u>
Dr. Howard Huynh, Canadian Rivers Institute, UNB Population and Conservation Genomics of Canada Lynx in New Brunswick	\$15,000.
Dr. Graham Forbes, UNB Viability of Wild Turkey in New Brunswick	\$4,350.
Joseph Nocera, UNB Waterfowl Nest Box Stewardship Program and Cavity Availability Evaluation along the Lower St. John River	\$7,500.
Quality Deer Management Association – Northern NB Branch Assessment of Deer Winter Habitat in the City of Edmundston	\$1,000.

Delta Waterfowl (Southern NB Chapter) Restoration of Wood Duck Habitat on Private Lands in Southern NB	\$6,100.
Delta Waterfowl (Southern NB Chapter) Hen House Installations on Private Lands in Southern New Brunswick	\$5,000.
Quality Deer Management – Northern NB Chapter Estimating the Density of the White-tailed Deer within the Territory of the City of Edmundston	\$3,500.
TOTAL FOR THE 7 WILDLIFE RELATED PROJECTS:	<u>\$42,450.</u>
NB Trappers & Fur Harvesters Federation Furbearer Track Transect Network 2019-20	\$3,400.
TOTAL FOR THIS TRAPPING RELATED PROJECT:	<u>\$3,400.</u>
Nature NB Engaging Citizens in Monarch Conservation in New Brunswick	\$9,500.
Birds Studies Canada Strengthening Stewardship and Monitoring of Aerial Insectivores	\$10,000.
John Klymko, Atlantic Canada Conservation Data Centre Cobblestone Tiger Beetle Survey – a Search for New Sites	\$14,000.
Dr. Tara Imlay, Acadia University Post-breeding and Early Migration Movements of Four Swallow Species in New Brunswick, Year 2	\$15,000.
Bassins Versants de la Baie des Chaleurs Maritime Ringlet Butterfly – Continuing the Adult Count and Identification of Threats to the Habitat in Peters River Salt Marsh	\$4,200.

Daly Point Nature Reserve Monitoring the Endangered Maritime Ringlet Butterfly	\$2,500.
Partenariat pour la gestion intégrée du bassin versant de la baie de Caraquet Inc. Monitoring Maritime Ringlet Butterflies 2019	\$6,500.
Serge Jolicoeur, Université de Moncton Controls of Marsh Hydrology, Elevation and Climate on Availability of the Maritime Ringlet's Nectar Sources	\$8,000.
Bird Studies Canada Monitoring Populations and Understanding Habitat Use of Bicknell's Thrush in New Brunswick	\$5,000.
Dr. A.W. Diamond, UNB, Atlantic Lab for Avian Research Genetic Screening of Bicknell's Thrush Fecal Samples	\$5,500.
Dr. Don McAlpine, New Brunswick Museum BiotaNB 2019 Kennedy Lakes Yr 1	\$20,000.
Dr. Stephen Clayden, New Brunswick Museum A Survey of Bryophytes in the Miramichi Region	\$7,000.
Shediac Bay Watershed Association Identifying and Improving Brook Floater Habitat in the Shediac Bay Watershed	\$7,000.
Serge Jolicoeur, Université de Moncton Sea-level Rise and the Losses/gains of Wildlife Habitat in the Grande-Digue Marsh from 2016 to 2100	\$12,000.
Myriam Barbeau, UNB The Productive Mudflats in the Upper Bay of Fundy: What Structures their Community Following a Disturbance?	\$9,000.
Petitcodiac Watershed Alliance Freshwater Mussel Habitat Stewardship in the Petitcodiac River Watershed	\$10,000.

Diana Hamilton, Mount Allison University Ecology of Migrant Adult and Juvenile Semipalmated Sandpipers in Coastal Areas of New Brunswick	\$10,000.
David Mazerolle, Atlantic Canada Conservation Data Centre Documenting the Plant Biodiversity of Southwestern Border-area Lakes	\$25,000.
Nashwaak Watershed Association Inc. Forested Wetlands on the Nashwaak River	\$9,000.
Belleisle Watershed Coalition Belleisle Creek Watershed Freshwater Mussel Assessment	\$5,500.
Saint John Naturalists' Club Inc. Greenlaw Mountain Hawk Watch	\$7,000.
Dr. A.W. Diamond, UNB, Atlantic Lab for Avian Research Exploring Dietary Changes in Seabirds of Bay of Fundy	\$5,000.
Bird Studies Canada The Maritimes Marsh Monitoring Program: Strengthening Monitoring and Conservation of Bird Communities in all of New Brunswick's Wetland Types	\$14,000.
The New Brunswick Community Land Trust Forest Land Conservation in the Lower St. John River Region	\$8,000.
The Nature Trust of New Brunswick Preserving Biodiversity and Species at Risk in New Brunswick's Appalachian Hardwood Forest	\$10,000.
The Nature Trust of New Brunswick Conserving the Eel River Gorge	\$10,000.
Société d'aménagement de la rivière Madawaska inc. Evaluation and Protection of Wood Turtle in Upper Saint John River	\$7,000.

**CCNB-INNOV – Division Agriculture-Bioprocédés-Breuvage-Environnement
Improvement of Lac à Boucher, Degraded Provincially Significant Wetland \$12,000.**

**Bird Studies Canada
NB Nocturnal Owl Survey: Celebrating 20 Years! \$12,410.**

**Groupe de développement durable du Pays de Cocagne Sustainable Development Group
Inc.
Migratory Shorebird Survey of the Bouctouche Dune and the Cormierville Marsh \$8,500.**

**Shediac Bay Watershed Association
Monitoring and Restoration of Eelgrass Beds in the Shediac Bay in Response
to Green Crab \$10,200.**

**Dr. Douglas A. Campbell, Mount Allison University
Primary Productivity and Nutrients of Mudflats in the Upper Bay of Fundy:
Ground Truthing of Remote Sensing \$11,050**

**Nature NB
A Regional Approach to Important Bird & Biodiversity Area Conservation
in the Bay of Fundy \$8,500.**

**Karen Vanderwolf, New Brunswick Museum
Characterizing Bats Surviving White-nose Syndrome in NB \$4,300.
Fundy Model Forest
Population Viability Analysis – Implementation of PVA Model \$17,510.**

**Kennebecasis Watershed Restoration Committee
Monitoring Wildlife Usage of Habitat Enhancement and Restoration Projects
in the Kennebecasis River Watershed \$5,000.**

**The Huntsman Marine Science Centre
St. Andrews Bird Banding Station 2019 – Fall Migration Monitoring Project \$11,050.**

**Grand Manan Whale and Seabird Research Station
Monitoring Changes in Zooplankton Community Structure and Water
Temperatures in the Bay of Fundy \$7,500.**

**Nature Trust of New Brunswick
Collaborative Conservation Planning for Multiple Species at Risk in NB \$8,500.**

**The Nature Trust of New Brunswick Inc.
Preserving Important Wildlife Habitat Contributing to Conservation of the Portobello
Creek National Wildlife Area (Lower Wolastoq/St. John River Watershed \$5,000.**

TOTAL FOR THESE 40 BIODIVERSITY RELATED PROJECTS: \$377,220

**Ducks Unlimited Canada
DUC Conservation Centre Wetland Education Programming 2019 \$12,000.**

**Nature Conservancy of Canada
Engaging Communities for Conservation \$10,000.**

**Nature NB
Conservation Education in Action \$8,000.**

**Canadian Parks and Wilderness Society – NB Chapter
Get outside NB – Empowering and Engaging Youth Natural Leaders \$5,000.**

**Gespe'gewaq Mi'gmaq Resource Council
Fostering Fish Friends \$3,300.**

**Miramichi Salmon Museum Inc.
Come Play on our River \$11,000.**

**Miramichi River Environmental Assessment Committee
Lost Lead and Line Impacting Fish and Fowl – Part 2 \$4,000.**

**Pays de Cocagne Sustainable Development Group
Detection of Aquatic Birds in Bays and Streams Increase the Conservation
& Stewardship Capacity of Southern NB Watershed Groups Year 3 \$6,000.**

Pays de Cocagne Sustainable Development Group Educational Program on Butterflies at the Pays de Cocagne	\$3,000.
Vision H2O; Groupe du bassin versant du Village de Cap-Pelé Public Education on Swallow Population in the Beaubassin-East and Village of Cap-Pelé Watershed	\$8,000.
Sackville Rod & Gun Club Inc. Sackville Rod & Gun Club Inc Youth Fishing Derby	\$1,100.
The Nature Conservancy of Canada Shorebird Interpreters 2019 – NCC’s Johnson’s Mills Shorebird Reserve	\$10,000.
Nature NB Prompting Action through Citizen Science: Advancing Environmental Stewardship among New Brunswickers	\$8,000.
Kennebecasis Watershed Restoration Committee Wading into Conservation Education	\$7,500.
Hammond River Angling Association Hammond River Nature Camp 2019	\$18,000.
Hammond River Angling Association RiverKeepers	\$6,000.
Conservation Council of New Brunswick Learning Outside: Teaching New Brunswick Students about Atlantic Salmon	\$10,000.
Nashwaak Watershed Association Community Outreach in the Nashwaak Watershed	\$10,000.
Maritime College of Forest Technology Forest Ranger Camps	\$15,000.
The Nature Trust of New Brunswick Inc. Citizen Science and Distributed Leadership in Nature Preserve Stewardship	\$12,000.

**Forêt expérimentale – École de foresterie – Université de Moncton, campus d’Edmundston
Trail for Interpretation of Importance of Wildlife of Riparian Zones \$7,000.**

**Salon de la forêt
Salon de la forêt 2019 \$1,450.**

**Association Quality Deer Management – Section Nord du Nouveau-Brunswick
Creation of Committee on Artificial Feeding of White-tailed Deer within the
Territory of the City of Edmundston \$1,000.**

**La Société du Jardin botanique du Nouveau-Brunswick
Hands-On Summer Camp \$2,600.**

**Société d’aménagement de la rivière Madawaska inc.
Raising Awareness about Wildlife Species in Wetlands of the Upper Madawaska \$11,000.**

**Canadian Parks and Wilderness Society, NB Chapter
Watch Your Paws – Motivating Students for Nature Conservation Action \$5,000.**

**Nature NB
NatureKids NB : Meeting the Need to Connect with Nature and Wildlife
in New Brunswick Communities \$12,750.**

**Nature NB
Workshops for Wildlife \$9,000.**

**New Brunswick Environmental Network (NBEN)
Collaborating on Biodiversity Action \$7,000.**

**New Brunswick Salmon Council Inc.
Fish Friends \$6,000.**

**Canadian Council on Invasive Species
Protecting New Brunswick’s Freshwater System from Invasive Species through
Public Education and Engagement \$12,750.**

Nature NB Building a Two-eyed Seeing Community-based Species-at-risk Conservation Framework in Coastal Zones of Eastern New Brunswick	\$8,500.
Nature NB Birding Trail Guide – East Coast Hotspots	\$9,000.
Groupe de développement durable du Pays de Cocagne Young Stewards for Sustainability – Year 2	\$5,800.
Groupe du bassin versant de la région de Cap-Pelé Inc. Educating the Public to the Importance of the Various Ecosystems in the Cormier-Village Écoparc	\$5,000.
Tantramar Wetlands Centre The Key to Sustainability is Education – Discovering Wetlands in Fall and Winter	\$8,500.
SNB Forest Products Marketing Board Managing your Woodlot for Multiple Values, Wildlife and Forest Management Workshop	\$3,000.
Kennebecasis Watershed Restoration Committee Pitching Watershed Stewardship to Campers	\$5,000.
Hammond River Angling Association Invasive Eurasian Water Milfoil	\$2,800.
Fundy Shooting Sports Inc. Scout Appreciation Day 2019	\$1,300.
NB Trappers & Fur Harvesters Federation Trapper Workshop 2020	\$4,400.
Nashwaak Watershed Association Inc. “Upstream-Downstream” Youth Education Program	\$8,500.
New Brunswick Sport Fishing Association Oromocto Kids Fishing Event	\$1,100.

**New Brunswick Sport Fishing Association
Woodstock Kids Fishing Event** **\$1,300.**

**Quality Deer Management – Northern NB Chapter
A Day of introduction to Hunting** **\$1,800.**

**École de foresterie – Université de Moncton, campus Edmundston
Creation of a Collection of Naturalized Animals for the Education of Pupils,
Students, and Citizens in Northwestern New Brunswick** **\$7,000.**

TOTAL FOR THESE 46 EDUCATION RELATED PROJECTS: \$316,450.

GRAND TOTAL OF THESE PROJECTS: \$1,087,230.00