

**NEW BRUNSWICK WILDLIFE TRUST FUND  
PROJECTS APPROVED IN 2010**

**Fisheries**

Restigouche River Watershed Management Council Inc. Atlantic Salmon Survey 2010 – Restigouche River System	\$9,720.
Charlo Salmonid Enhancement Centre Inc. Educational and Stock Restoration Programs in Northeastern New Brunswick	\$20,250.
Belledune Regional Environment Association Inc. Jacquet River Atlantic Salmon Conservation Project	\$12,150.
Nepisiguit Salmon Association Nepisiguit Salmon Assessment & Enhancement	\$7,290.
Partenariat pour la gestion intégrée du bassin versant de la baie de Caraquet Bertrand Brook Fish Habitat Rehabilitation Phase III	\$5,670.
Comité de Gestion Environnementale de la Rivière Pokemouche Selective Cleanup of Spruce Brook – Phase II	\$5,670.
Association des Bassins Versants de la Grande et Petite Rivière Tracadie Improving Fish Habitat in the Leech River – Phase II	\$4,050.
Comité Sauvons Nos Rivières Neguac Inc. Habitat Restoration in the Rivière des Caches	\$5,670.
Dr. Alyre Chiasson, Université de Moncton Opening of Newly Exploited Peat Bogs: Mitigation measures for impacts on fish populations (Phase 5)	\$5,670.
Miramichi Salmon Association MSA Electrofishing	\$9,720.

Miramichi Salmon Association Miramichi Salmon Smolt Studies 2010	\$9,720.
Miramichi Salmon Association Miramichi Kelt Tracking 2010	\$8,100.
Miramichi Watershed Management Committee Inc. Miramichi River Salmon Restoration – Stocking 2010	\$8,100.
Northumberland Salmon Protection Association Atlantic Salmon Smolt Production in the Little Southwest Miramichi River	\$9,720.
White Rapid Brook & Other Stream Enhancement Association Stream Preservation	\$12,150.
Dr. Allen Curry, Canadian Rivers Institute, UNB Investigating and Identifying Thermal Refugia for Brook Trout and Atlantic Salmon in New Brunswick Rivers Using Thermal Infra-Red Imagery	\$5,670.
Richibucto River Association Richibucto Estuary Habitat and Stream Assessment (Year 3)	\$7,290.
Southeastern Anglers Association Pool GIS Mapping, Access, Rearing Inventory and Assessment Identifying Fish Habitat Fragmentation in Chockpish, Bouctouche and Cocagne Rivers	\$7,695.
Vision H20 (Groupe du bassin versant de la région de Cap-Pelé) Salmonid Habitat Quality Assessment in the Aboujagane River	\$6,480.
Petitcodiac River Recovery Coalition Petitcodiac Fisheries Monitoring and Assessment Project – Phase I	\$28,350.
Dr. Richard Cunjak, Canadian River Institute, UNB Linking Anadromous Fish to Emerging Aquatic Insects and Bird Communities in NB	\$8,100.

Allen Curry, Canadian Rivers Institute, UNB Predicting Brook Trout Production in NB Rivers and Testing the Model in the Kennebecasis River	\$8,100.
Fort Folly First Nation Assessing Endangered Atlantic Salmon Populations in the Big Salmon River	\$16,200.
Atlantic Salmon Federation Magaguadavic River Recovery Program	\$12,150.
Dr. Ian Fleming, Memorial University Effectiveness of Different Release Strategies for Adult Atlantic Salmon in the Restoration of Endangered Populations in the Bay of Fundy and beyond	\$16,200.
Miramichi Watershed Management Committee North Branch – MSW Miramichi Atlantic Salmon and Brook Trout Counting Fence	\$8,100.
Miramichi Headwaters Salmon Federation Inc. Satellite Rearing Facility Operation & Renovation Upgrade	\$12,150.
Miramichi Watershed Management Committee Miramichi Lake Smallmouth Bass Containment 2010	\$20,250.
Institut national de recherche scientifique Assessing the Impact of the Presence of the Algae <i>Didymosphenia geminata</i> on the Juvenile Atlantic Salmon in the Restigouche River Watershed	\$7,650
Restigouche River Watershed Management Council Restoration of Landing Piers and Docks at Rafting Ground and Down’s Gulch	\$5,400.
Association des Bassins Versants de la Grande et Petite Rivière Tracadie Ecological Improvement of the Fish Habitat in the “Rivière à Comeau”	\$9,000.
Miramichi Salmon Association Improving the Adult Salmon Assessment on the Miramichi River	\$13,500.

Les Ami(e)s de la Kouchibouguacis Restoration of Salmon Populations in the Kouchibouguacis River	\$7,200.
Omer Chouinard, Université de Moncton Understanding Sedimentary Dynamics in the Cocagne River and Develop Appropriate Tools for the Users and the Residents in Order to Better Manage These Processes	\$5,400.
Kennebecasis Watershed Restoration Committee Kennebecasis Watershed Riparian Zone Restoration Project	\$10,800.
ACAP Saint John Quantifying the Effectiveness of Fish Habitat Improvement Projects (1)	\$3,600.
Oromocto Watershed Association Inc. Oromocto Watershed Fisheries Assessment	\$4,050.
Chiputneticook Lakes Association – Fisheries Chiputneticook Smelt Enhancement Project	\$3,600.
Tobique Salmon Protective Association Inc. Tobique and Saint John River Wild Salmon Stabilization and Recovery	\$4,500.
Canaan River Fish & Game Association Shad Brook Stream Restoration	\$20,000.
<b>Total Fisheries Related Projects</b>	<b><u>\$385,085.</u></b>

## **Wildlife**

David Fishman, McGill University Factors of Relatedness among Nesting Female Red-breasted Mergansers	\$1,000.
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Atlantic Wildlife Institute Birds of Prey Program: development phase	\$6,480.
ACAP Saint John Winter Wonderlands: the Value of Saint John Wetlands as Winter Wildlife Habitat	\$8,100.
Nature Trust of New Brunswick Henderson Brook and Wetland Restoration Involving the Communities of Saint John and Grand Bay – Westfield	\$16,200.
Daniel M. Keppie, UNB The Value of Riparian Forest for American Woodcock and Ruffed Grouse in Central New Brunswick	\$8,100.
Danielle Smith, UNB Association between Food and Drumming Log Use in Winter and Spring By Ruffed Grouse	\$4,050.
Mike Duffy, UNB Fredericton Impact of brainworm ( <i>Parelaphostrongylus tenuis</i> ) on moose in New Brunswick	\$12,600.
NB Quality Deer Management Association Comparing Deer Densities and Fawn Recruitment to the 2009 Deer Density Estimation Project Using Infrared Cameras	\$2,690.

**Total Wildlife Related Projects** **\$59,220.**

### **Trapping**

NB Trappers and Fur Harvesters Federation Furbearer Track Transect Network 2010-11	\$5,850.
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**Total Trapping Related Projects** **\$5,850.**

## **Biodiversity**

Reginald Webster Documenting the Beetle Fauna in Uncommon Forest Types in New Brunswick	\$8,100.
Sean Blaney, Atlantic Canada Conservation Data Centre Addressing Key Knowledge Gaps for Plant Species at Risk	\$8,100.
Nature Conservancy of Canada Building a Conservation Effectiveness Monitoring Program – Phase I	\$9,720.
Bird Studies Canada Maritimes Breeding Bird Atlas Year 5: last chance to put New Brunswick's bird Biodiversity on the map!	\$24,300.
Bird Studies Canada Bicknells' Thrush in New Brunswick: monitoring mountains and surveying coastal ravines	\$7,050.
Partenariat pour la gestion intégrée du bassin versant de la baie de Caraquet Inc. Monitoring the Maritime Ringlet Butterfly within the Watershed	\$4,050.
John Klymko, Atlantic Canada Conservation Data Centre Improving Baseline Knowledge of New Brunswick's Insects	\$12,150.
New Brunswick Museum/PNA Scientific Advisory Committee Bioblitz 2010: the Jacquet River Gorge Protected Natural Areas	\$6,480.
Hubert Wiktor Askanas, Atlantic Cooperative Wildlife Ecology Research Network, UNB The Effects of Mating Systems on White Blood Cell Counts in two Closely Related Song Birds: The Bicknell's Thrush and Swainson's Thrush	\$12,150.
Miramichi River Environmental Assessment Committee Advancing Freshwater Mussel Biodiversity Assessment on Key Branches of the Southwest Miramichi	\$5,670.

Shediac Bay Watershed Association Common Tern Colony Conservation Program in the Shediac Bay	\$8,100.
R.A. Lautenschlager, Atlantic Canada Conservation Data Centre Southern Twayblade Surveys in Southeastern New Brunswick Fort Folly First Nation Assessing the Status American Eel in the Fort Folly Traditional Territory	\$8,100. \$2,400.
Quoddy Futures Pilot Project for Vernal Pool Inventory, Habitat and Biodiversity Field	\$8,100.
Saint John Naturalists; Club Inc. Researching the Feasibility of Radar Detection of Migrating Sea Ducks	\$3,000.
Dr. Matthew K. Litvak, UNBSJ/MITACS Larval Dispersal in Shortnose Sturgeon in the Saint John River: passive drift or active swimming?	\$11,340.
Eastern Charlotte Waterways Inc. A Comprehensive Vulnerability Assessment of the Magaguadavic River	\$9,720.
Marc-André Villard, UdeM Moncton Forest Songbirds as Model Species for the Sustainable Management of Hardwood Forests: a field experiment	\$8,100.
Bird Studies Canada (Atlantic Region) Ten Years of Owl Survey in NB: Reporting on Results and Recognizing Volunteers	\$12,600.
Marc-André Villard, Université de Moncton Predicting the Ecological Sustainability of New Brunswick's Forest Management Regime Using Songbirds and Woodpeckers as Focal Species	\$4,500.
Espèces en Péril – Nature NB Conservation of Chimney Swifts Through Stewardship	\$12,600.

Irving Eco-Center, la Dune de Bouctouche Migratory Shorebird Survey of the Bouctouche Dune	\$2,100.
Nature Conservancy of Canada Protection of Critical Shorebird Habitat	\$13,500.
Petitcodiac Watershed Alliance Tree Swallow Nesting and Mosquito Control Project	\$4,500.
Donald McAlpine, New Brunswick Museum Preparing for White Nose Syndrome: Protection of Overwintering Bats in New Brunswick Caves: Whitenose Fungus	\$6,465.
Dr. D.A. Methven Quantifying Biodiversity in the Musquash Marine Protected Area (MPA)	\$4,500.
Donald McAlpine, New Brunswick Museum Toward a Conservation Status Assessment of Selected NB Insect Groups	\$4,500.
Stephen Clayden, New Brunswick Museum Archiving Collections of Fungi for Biodiversity Research and Conservation	\$5,400.
Grand Manan Whale and Seabird Research Station Investigating the Stomach Oil Provisioning Strategy in Procellariiform Seabirds using Leach's Storm-Petrels ( <i>Oceanodroma leucorhoa</i> ) as a Model Species	\$4,500.
Diana Hamilton, Mount Allison University Direct and Indirect Interactions between Predators in an Intertidal Mussel Bed Community	\$6,300.
Grand Manan Whale and Seabird Research Station Seabirds as Indicators for the Bay of Fundy: monitoring movements and diet	\$3,780.

Saint John Naturalists' Club Inc.  
Greenlaw Mountain Hawk Watch \$4,500.

Grand Manan Whale and Seabird Research Station  
Monitoring the Migration Patterns of Bay of Fundy Basking Sharks \$5,400.

The Huntsman Marine Science Centre  
St. Andrews Bird Banding Station Fall Migration Monitoring Project \$6,300.

John Klymko. ACCDC  
Improving Baseline Knowledge of Selected New Brunswick Insects \$9,000.

Nature Conservancy of Canada  
Strategic Conservation Planning for the Chignecto Bay Natural Area \$8,100.

**Total Biodiversity Related Projects** **\$275,175.**

### **Education**

Canadian Forestry Association of New Brunswick  
Envirothon NB 2010 \$9,720.

NB Federation of Naturalists/Nature NB  
Wildlife Workshops \$5,670.

Ducks Unlimited Canada  
Project Webfoot Grade 4 Field Trip Program \$12,960.

Nature Conservancy of Canada  
Conservation Volunteers Outreach Program \$6,480.

Becoming an Outdoors Woman  
Becoming an Outdoors Woman Coordinator's Conference \$3,500.

Miramichi Salmon Association Inc. First Cast MSA Pilot Project	\$3,000.
Atlantic Salmon Museum It's Your River...Experience its Lure...	\$9,000.
Groupe de développement durable du Pays de Cocagne Discovering and Celebrating Biodiversity in the "Pays de Cocagne"	\$4,860.
The Nature Conservancy of Canada Johnson's Mills Shorebird Reserve – Shorebird Interpreters	\$8,910.
NB Federation of Naturalists Summer Youth Nature Camps	\$14,580.
Nature Trust of NB Education, Stewardship and Management of Recently Established Nature Preserves by the Nature Trust of New Brunswick	\$8,100.
Hammond River Angling Association Kids R Cool 4 Conservation Environmental Summer Camps	\$16,200.
NB Federation of Naturalists Naturalists Leaders in Training (LIT)	\$4,620.
Ducks Unlimited Canada Conservation Centre – Education and Outreach	\$8,100.
NB Aquatic Data Warehouse, Canadian Rivers Institute, UNB Automating Data Transfer to the NB Aquatic Data Warehouse	\$8,100.
Maritime College of Forest Technology Junior Forest Ranger Camp	\$16,200.

Forêt expérimentale de la Faculté de foresterie de l'UMCE Summer Camp « Wildlife : Our Asset, Our Responsibility”	\$12,150.
Club Chasse et Pêche Saint-Léonard Club Chasse et Pêche Saint Leonard Summer Camp	\$8,100.
NB Federation of Naturalists – Nature NB NB Young Naturalists Club – Nurturing the Young Naturalist	\$10,800.
Canadian Parks and Wilderness Society, NB Chapter Engaging Students in Conservation Action for Natural Areas	\$4,500.
New Brunswick Wildlife Federation National Archery in Schools Program	\$7,200
Dr. Alyre Chiasson, Université de Moncton Educating the Public about the American Eel Through Interpretation	\$3,300.
Natasha Prévost, Université de Moncton Nature Conservation and Popular Education at Halls Creek and Surroundings in Moncton	\$10,800.
Tantramar Wetlands Centre Experience Wetlands Education	\$7,650.
Cape Jourimain Nature Centre Telling Biodiversity Stories through Interpretation Panels at Cape Jourimain – Phase 2	\$8,100.
FHFH Canada FHFH Public Education Project	\$4,500.
New Brunswick Sportfishing Association NBSFA Kids Fishing Tournament - Oromocto	\$850.

Fredericton Area Trapper's Council 2011 Trapper Education Workshop	\$3,600.
Connell Memorial Herbarium, UNB Completion of Web Accessible Database at NB Plant Specimens Housed at the Connell Memorial Herbarium	\$10,350.
New Brunswick Quality Deer Management Association Two Field Days to Educate the Public about Deer Management	\$3,500.
New Brunswick Sportfishing Association NBSFA Kids Fishing Tournament - Woodstock	\$780.

**Total Education Related Projects** **\$236,180.**

**GRAND TOTAL FOR 2010: \$961,510.00**