

# MAINE STATE LEGISLATURE

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## Maine Outdoor Heritage Fund

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January 9, 2008

The Honorable John E. Baldacci  
Office of the Governor  
1 State House Station  
Augusta, Maine 04333-0001

Dear Governor Baldacci,

I am pleased to submit the following information as the Maine Outdoor Heritage Fund's eleventh annual report. Submission of this information is required under TITLE 12, MRSA part 13, chapter 903, subchapter 6, section 10308.

By way of history, the Maine Outdoor Heritage Fund was established in July, 1995 after a campaign by Maine Audubon Society and the Sportsman's Alliance of Maine generated more than 53,000 signatures on petitions to place the lottery issue on the November, 1995 ballot. Due to the strong support among Maine residents, the Legislature enacted the proposal into law, by passing the need for a referendum.

The Fund's sole purpose is for "maintaining, improving and expanding state and local natural resource conservation programs and associated compatible public uses." Revenue is generated exclusively by a dedicated instant lottery ticket distributed by the Maine State Lottery. The Heritage Fund law requires that funds raised by the lottery be expended in four general categories: for fisheries and wildlife, and habitat conservation projects (35%); for acquisition and management of public lands, parks, and wildlife conservation areas (35%); for endangered and threatened species conservation projects (15%); and for natural resources law enforcement (15%). Priorities within each of the four funding categories are described in the enclosed Strategic Plan.

Since the program began, twenty-nine Heritage Fund lottery tickets have been issued. Two tickets were issued this year: "Casting for Cash" and our current ticket "Road Kill Cash." Voided tickets of this year's designs are enclosed.

Approximately 74 percent of Heritage Fund lottery ticket revenue is allocated toward winnings and ticket distribution and advertising and operating expenses. The remaining 26 percent is transferred to the Maine Outdoor Heritage Fund. This profit figure has totaled approximately \$13.5 million since the program's inception.

Grants are awarded semi-annually to natural resource agencies in response to grant proposals. To date, there have been twenty-two grant cycles, in which the Heritage Fund received 914 grant applications.

### Board Members/Staff

Richard B. Anderson, *Chairman* • Aram Calhoun, *Maine Audubon Society* • Charles F. Beck • Edye Cronk, *Sportsman's Alliance of Maine*  
Molly Docherty, *Maine Natural Areas Program* • Commissioner Roland D. Martin, *Dept. of Inland Fisheries & Wildlife*  
Commissioner Patrick K. McGowan, *Department of Conservation* • Staff: Carol Gay, *Secretariat*

Applicants include state natural resource agencies in partnership with non-profit conservation organizations. In response, the Heritage Fund has awarded approximately \$13.5 million in grants to 552 conservation projects. The grant sizes have ranged from \$561 to \$110,000. A brief description of the 48 grants awarded this year is enclosed.

Since the Heritage Fund program began, grant recipients have included the Department of Inland Fisheries & Wildlife; the Department of Marine Resources; the Department of Conservation; the Department of Environmental Protection; the Department of Agriculture; the State Planning Office; the Land for Maine's Future Board; the Maine Conservation Corps; the Atlantic Salmon Commission (and formerly the Atlantic Salmon Authority); the St. Croix International Waterway Commission; York, Cumberland, Oxford, Piscataquis, Washington and Central Aroostook Counties Soil and Water Conservation Districts; the Wells Reserve; and the Saco River Corridor Commission. These state natural resource agencies have partnered with scores of non-governmental organizations to accomplish their projects, so the impact of these grants reaches well beyond the scope of these agencies alone.

The Maine Outdoor Heritage Fund Board looks forward to its ongoing role in providing an alternative source of funding for innovative conservation projects that make a substantial contribution to the protection of the State's natural resources. If you would like any additional information, please feel free to contact me at any time.

Sincerely,

Carol Conant Gay, Secretariat

Enclosures

# *Grant Awards Summary by Category*

## *Maine Outdoor Heritage Fund - 2007 - Session 1 and Session 2*

### **Category 1 Fisheries & Wildlife & Habitat Conservation**

<b>071-01-05</b>	<b>Connecting People to Wildlife</b>	<b>Amt Funded: \$3,000</b>	<b>Statewide</b>
IFW ReMaine Wild	Each year, Maine Wildlife rehabilitators treat thousands of animals impacted by human activities. This project will develop public education to build awareness of the effects of our daily activities on wildlife survival.		
<b>071-01-06</b>	<b>Assessment of Lake Trout Spawning Activity</b>	<b>Amt Funded: \$3,850</b>	<b>Hopkins Pond, Mariaville</b>
IFW Dept. of IF&W	This project is designed to improve the ability of regional staff in managing lake trout populations statewide. The project consists of a detailed investigation of the spawning activity of a wild population of lake trout in Hopkins Pond (to include timing, habitat use and site fidelity, and whether mature individuals spawn annually). These data will assist IFW biologists in focusing sampling efforts on lake trout waters throughout the state to coincide with spawning activity in order to maximize data gathered and provide for more efficient use of staff time.		
<b>072-01-03</b>	<b>Waterbird Rehabilitation Improvement Project</b>	<b>Amt Funded: \$6,000</b>	<b>Cape Neddick</b>
IFW The Center for Wildlife	Make critical improvements and expand an enclosure used for rehabilitating water birds at the Center for Wildlife, one of the region's largest wildlife rehab organizations.		
<b>072-01-12</b>	<b>Northern Maine &amp; Can-Am Crown 250 Promotional Product</b>	<b>Amt Funded: \$9,956</b>	<b>Fort Kent Region</b>
DOC Ursus Media Group	Provide a significant increase in event exposure for both the Can-Am 250 race and the region, leading to increased participation by sled teams and spectators by developing a 52 minute documentary video, television ads, trade show materials, handouts and streaming video content for the Internet marketing from select websites.		
<b>071-01-07</b>	<b>IFW Displays at the Rangeley Outdoor Sporting Heritage Museum</b>	<b>Amt Funded: \$10,000</b>	<b>Rangeley</b>
IFW Rangeley Lakes Region Historical Society	This grant will fund displays at the Rangeley Outdoor Sporting Heritage Museum that illustrate the history, current programs and future plans of the Maine Department of Inland Fisheries.		
<b>071-01-12</b>	<b>Logger's Guides to Managing Forest Stands for Biodiversity Conservation</b>	<b>Amt Funded: \$10,000</b>	<b>Statewide</b>
DOC The Trust to Conserve Northeast	This proposal will develop a series of visual guides in a brochure format to assist professional loggers in making decisions about retention and management of stand-level structural elements such as coarse woody debris, standing dead and dying trees, large diameter trees, and unique natural features (such as vernal pools and rare plant communities). The visual guides will be accompanied by a series of field workshops designed to illustrate real world applications.		
<b>072-01-06</b>	<b>Biomass Harvest Guidelines for the Acadian Forest</b>	<b>Amt Funded: \$10,000</b>	<b>Statewide</b>
DOC Dept. of Agriculture, Conservation-&	This project will assist efforts to develop bioenergy and bioproducts capacity by establishing sustainability guidelines for forest biomass feedstock harvesting. Extensive collaboration with environmental organizations, state and regional governments, industry and small landowners, and harvesting contractors required. This proactive approach will serve as a model of collaborative policy development for other states.		
<b>071-01-09</b>	<b>In Lieu Fee Wetland Mitigation</b>	<b>Amt Funded: \$10,538</b>	<b>Statewide</b>
DEP Dept. of Environmental Protection- Land	DEP is looking to increase the quality of restoration, enhancement, creation and protection of protected natural resources in the state of Maine through working in collaboration with federal and state agencies and nonprofit organizations to implement an In Lieu Fee (ILF) Wetland Mitigation Program. This project will establish the foundation of the ILF program to include a scientifically credible process for field proofing potential mitigation sites, set-up of a Trust Fund subdivided by the biophysical regions of Maine and the development of the project review selection and prioritization criteria.		

**Category 1 Fisheries & Wildlife & Habitat Conservation**

071-01-03 IFW	<b>Upper St. John Valley Community Forest Project</b>	<b>Amt Funded: \$12,000</b>	<b>Upper St. John Valley</b>
This project will result in a GIS-based forest inventory and spatial forest model for community owned land in the Upper St. John River Valley. The forest model will be used to represent wood, habitat, and biodiversity values, and provide options for sustainable management of community land. Recreational trails will also be mapped, which will enable coordination of inter-community recreation and conservation activities.			
071-01-04 IFW UNE - Marine Science and Education	<b>Protecting Wildlife in the Saco River: Tracking Non-point Fecal Pollution</b>	<b>Amt Funded: \$12,000</b>	<b>Lower Saco River Watershed</b>
The lower Saco River has significant non-point fecal contamination problems, putting fisheries, seals and other wildlife at risk. Using ribotyping analysis, this project will track fecal pollution to its species sources, then conduct community outreach to reduce species-specific fecal inputs.			
071-01-13 DOC Dept. of Agriculture, Conservation-&	<b>Balancing Biodiversity Conservation with Community Goals</b>	<b>Amt Funded: \$12,000</b>	<b>Unity Wetlands and Greater Mount Desert Region</b>
The Maine Natural Areas Program proposes to pilot NatureServe's newly developed decision-support system - NatureServe Vista - in two regions of Maine. MNAP proposes to implement a multi-step conservation planning process that unites the planner's expertise about local conditions with biodiversity expertise from an advisory team, enabled and assisted by the DSS software.			
072-01-08 DOC Dept. of Agriculture, Conservation-&	<b>Maine Birding Trail Guides</b>	<b>Amt Funded: \$18,000</b>	<b>Statewide</b>
Produce a coastal and an inland guide to be printed as brochures and maps listing types of bird species to encourage bird watchers to visit Maine as a destination. State Parks and Public Reserved Lands could be highlighted features for visitors. Road side signs to designate and direct birders to specific sites would also be a goal.			
071-01-11 DOC Manomet Center for Conservation Sciences	<b>A Scorecard to Monitor Recreation Impacts on Forest Habitats in Maine</b>	<b>Amt Funded: \$20,000</b>	<b>Statewide</b>
This project will develop a standardized scoring system that can be used to monitor impacts of different recreational trails on forest habitats. The tool will assess impacts to soils, vegetation, water quality, wildlife and variables suggested by other scientists and diverse stakeholders. Land managers will be able to use the tool to create science-based standards to ensure public recreation conserves forest habitats.			
071-01-17 DOC Dept. of Agriculture, Conservation-&	<b>Enhancing Maine's Forest Products Industry Cluster to Maintain Markets that Allow for Sustainable Forest Management</b>	<b>Amt Funded: \$20,000</b>	<b>Statewide</b>
Maine's wildlife habitats (particularly early successional habitats) depend on forest management - the type of forest management needed to create these habitats depends on having a diverse and robust forest products industry. This project is aimed at maintaining that industry, and hence, these wildlife habitats.			
072-01-11 IFW Dept. of IF&W	<b>Beginning with Habitat Integrated Map Server and Biodiversity Encyclopedia</b>	<b>Amt Funded: \$20,000</b>	<b>Statewide</b>
To better utilize web-based technologies to make the most up-to-date BwH data accessible to a wide range of users, who are not necessarily familiar with the program currently, in order to promote and enhance fish, wildlife and habitat conservation efforts in Maine.			
071-01-01 IFW Dept. of IF&W	<b>Keeping Track of Winged Jewels: A Statewide Atlas of Maine's Butterfly Fauna</b>	<b>Amt Funded: \$24,500</b>	<b>Statewide</b>
The Maine Butterfly Survey (MBS) is a 5-year, professional and citizen scientist atlasing initiative designed to significantly improve our knowledge of the distribution and status of over 115 species of butterflies and skippers in Maine. In addition to engaging over 100 of Maine's non-game wildlife constituents and raising public awareness of invertebrate conservation, the MBS will help MDIFW and partners more accurately assess the status of rare, threatened, and endangered butterflies statewide. The MBS will help to: a) identify outstanding inventory gaps, b) refine the list of state rare and endangered species, c) identify specific habitats and locales hosting exceptional diversity, and d) prepare a comprehensive assessment of the state's butterfly fauna.			
072-01-10 DOC Dept. of Agriculture, Conservation-&	<b>Kennebec River Initiative--Phase II</b>	<b>Amt Funded: \$25,000</b>	<b>Statewide</b>
The partners to the Kennebec River Initiative want to expand and coordinate the network of parties at the national, state, regional, and local levels interested in working to secure the future of the River's scenic, ecological, fisheries, wildlife, recreational, cultural, economic values and assets. The goal is to foster the downtown revitalization efforts of the municipalities on the river and to implement specific "place-based" projects identified in the report.			

**Category 1 Fisheries & Wildlife & Habitat Conservation**

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<b>072-01-01</b>	<b>Beginning with Habitat: Integrating Aquatic Habitat Priorities with Conservation Actions in Maine</b>	<b>Amt Funded: \$37,026</b>	<b>Statewide</b>
IFW			
Dept. of IF&W	Beginning with Habitat (BwH) program provides municipalities, land trusts and other organizations engaged in habitat conservation with maps of habitat data and conservation recommendations in three primary areas: riparian habitat, high value plant and animal habitats, and large habitat blocks. This project will allow BwH to compile existing information regarding Maine's rivers, streams, lakes, and ponds from a variety of sources and present it within the BwH data package and supporting materials.		

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**Total Amount Funded for Category: 1 \$263,870**

## Category 2 Acquisition & Mgmt of Public Lands, Parks, Wildlife Conservation Areas & Public Access

<b>072-02-03</b>	<b>Boat Access Maintenance Trailer</b>	<b>Amt Funded: \$4,500</b>	<b>Statewide</b>
IFW Dept. of IF&W	To obtain a cargo trailer for the Maine Department of Inland Fisheries and Wildlife's use in maintaining boat access facilities located statewide in order to transport tools, equipment, supplies, necessary to provide safe boat access sites.		
<b>071-02-01</b>	<b>Spring Brook Wildlife Management Area (WMA) Access Road Stabilization</b>	<b>Amt Funded: \$6,072</b>	<b>Hancock</b>
IFW Dept. of IF&W	This project will assist in the repair and stabilization of the main access road onto the 350-acre Spring Brook WMA.		
<b>071-02-03</b>	<b>Mount Agamenticus Resource Management</b>	<b>Amt Funded: \$9,900</b>	<b>Mount Agamenticus Wildlife Management Area</b>
IFW York Parks & Recreation Department	Protect the natural resources of the Mount Agamenticus area by managing recreational impacts, educating the public and taking preventative measures with access improvements. Outdoor Heritage Grant funds would contribute to the salary of the Mount Agamenticus Conservation Coordinator.		
<b>071-02-06</b>	<b>Caretaker and Ridgerunner Education Program</b>	<b>Amt Funded: \$10,000</b>	<b>The Appalachian Trail in Maine</b>
Maine Appalachian Trail Club	Develop human stewardship and provide a management presence on heavily traveled sections of the AT in Maine to lessen environmental impact. Caretakers/ridge runners and an off trail educator will teach Leave No Trace (LNT) practices and provide guidance to organized groups.		
<b>071-02-02</b>	<b>Pondicherry Park</b>	<b>Amt Funded: \$12,144</b>	<b>Bridgton</b>
IFW Lakes Environmental Association	Pondicherry Park will be a public open space park consisting of 55 acres of woodlands and approximately one mile of frontage on Willett Brook. The park will be available to the public for hiking, cross country skiing, fishing, kayaking and nature study. It will be linked to downtown Bridgton by a footbridge		
<b>072-02-09</b>	<b>Blaine House Conference on Youth and the Natural World</b>	<b>Amt Funded: \$20,000</b>	<b>Statewide</b>
DOC Dept. of Agriculture, Conservation-&	The Blaine House Conference on Youth and the National World will bring together a range of parties to address a natural resource concern of statewide significance: the increasing disconnection of our young people from the natural world.		
<b>072-02-07</b>	<b>Brickyard Point Trail</b>	<b>Amt Funded: \$20,193</b>	<b>Portland</b>
Portland Trails	The Brickyard Point Trail Project will create more than a mile and a half of preserved shoreline and trail at the mouth of the river, a nature experience on the Presumpscot River estuary which was never available to the public before today.		
<b>071-02-04</b>	<b>Phase Three, Kennedy Brook/Mantle Lake</b>	<b>Amt Funded: \$21,000</b>	<b>Presque Isle</b>
SWCD Central Aroostook Soil and Water Conservation	Improve children's fishing experience by installing a fishing dock in Mantle Lake. Trails in the Kennedy Brook Watershed will be redesigned to meet Erosion and Sediment Control DMP's and handicap accessibility.		
<b>071-02-08</b>	<b>Completing the Biological Monitoring of Maine's Ecological Reserves</b>	<b>Amt Funded: \$23,308</b>	<b>Statewide</b>
DOC Dept. of Agriculture, Conservation-&	This project addresses baseline monitoring of BPL's Ecological Reserves. Under BPL's guidance, the MNAP will conduct landscape analysis field inventory, long-term monitoring, and conservation planning on these lands.		
<b>071-02-05</b>	<b>Walk the Talk</b>	<b>Amt Funded: \$23,510</b>	<b>Bryant Pond</b>
University of Maine 4-H Camp & Learning Center	Funding requested to help improve and develop MCS' hiking trail system according to a recent evaluation and recommendations made by the Maine Conservation Corps, using a MCC crew and volunteers from the ME-AMC.		

**Category 2 Acquisition & Mgmt of Public Lands, Parks, Wildlife Conservation Areas & Public Access**

<b>072-02-05</b>	<b>Reconstructing the Appalachian Trail in Maine</b>	<b>Amt Funded: \$25,000</b>	<b>Statewide</b>
Maine Appalachian Trail Club	Rehabilitate the AT at 6 locations where the trail has been degraded by heavy use and accelerated soil erosion. The Maine Appalachian Trail Club's Maine Trail Crew will work in partnership with the Maine Conservation Corps to complete this project. This project will protect a unique wilderness region and support nature-based tourism.		
<b>072-02-08</b>	<b>Ecological Planning for Public Lands in Maine</b>	<b>Amt Funded: \$26,289</b>	<b>Aroostook</b>
DOC Dept. of Agriculture, Conservation-&	Under BPL's guidance, the MNAP will conduct landscape analysis, field inventory, long-term monitoring, and conservation planning on public land units. MNAP's field work will be conducted according to standards developed for all state-owned lands and will enable BPL to safeguard ecological hot spots through its management planning process. Moreover, collaboration between MNAP and BPL will meet the requirements of forest certification and programs.		
<b>071-02-07</b>	<b>Ensuring a Sustainable Future for Maine's Public Islands</b>	<b>Amt Funded: \$30,000</b>	<b>Entire Maine Coast</b>
DOC Maine Island Trail Association	Implementation of 11 of 66 recommendations from the Recreation Management Plan for the Public Islands on the Maine Island Trail 2004-2014 to enhance and expand volunteer island stewardship, Leave No Trace public education, and public access on the trail itself.		
<b>072-02-04</b>	<b>Additions to Maine's Wildlife Management Areas</b>	<b>Amt Funded: \$30,000</b>	<b>Lubec</b>
IFW Dept. of IF&W	This project would add 84 acres to the existing Cobscook Bay Wildlife Management Area		

**Total Amount Funded for Category: 2 \$261,916**



**Category 3 Endangered & Threatened Species Conservation Projects**

<b>071-03-01</b>	<b>Partnership for Lynx Conservation in Maine</b>	<b>Amt Funded: \$10,000</b>	<b>Northern Maine</b>
IFW Dept. of IF&W	Further investigate the relationship among habitat conditions, prey abundance, and lynx reproductive rates. Partner with landowners to document habitat change based on their forest management activities and natural forest succession.		
<b>071-03-02</b>	<b>Conserving Grassland Birds in Maine</b>	<b>Amt Funded: \$10,000</b>	<b>Statewide</b>
IFW Dept. of IF&W	Conserving grassland birds in Maine by surveying, mapping, and distributing information on their habitats		
<b>071-03-05</b>	<b>Bald Eagle Habitat Exhibit at Maine Wildlife Park</b>	<b>Amt Funded: \$10,000</b>	<b>Gray</b>
IFW Dept. of IF&W	Complete a state of the art Bald Eagle Exhibit currently under construction and 2/3 completed.		
<b>072-03-02</b>	<b>Wetland, Woodland, Wildland: A Guide to the Natural Communities of Maine</b>	<b>Amt Funded: \$19,000</b>	<b>Statewide</b>
DOC Dept. of Agriculture, Conservation-&	Publish a compilation of Maine's natural communities and ecosystems in an easy to read, appealing format that is readily available to the people of Maine and beyond to use in conservation planning, research, and general interest.		
<b>072-03-03</b>	<b>Blueback Trout Restoration at Big Reed Pond, Phase I</b>	<b>Amt Funded: \$20,664</b>	<b>Big Reed Pond, T8R10</b>
IFW Dept. of IF&W-Fisheries Biologist	The goal of this proposal is to restore the native fish species (brook and blueback trout and northern redbelly dace) through: 1) a captive rearing project, 2) a chemical reclamation to remove all fishes if necessary, and 3) a reintroduction of the native fish species		
<b>071-03-03</b>	<b>An Ecological Inventory of the Central and Western Mountains</b>	<b>Amt Funded: \$40,000</b>	<b>Central Mountains, Western Foothills, and Western Mountain Ecoregions</b>
DOC Dept. of Agriculture, Conservation-&	Natural Resource inventory efforts in the three ecoregions across the central and western portion of Maine. Using information from landowners and recent landscape analysis conducted by the Maine Natural Areas Program, we propose to develop inventory priorities and conduct a coarse filter survey of the ecoregions.		

**Total Amount Funded for Category: 3 \$109,664**

**Category 4 Natural Resources Law Enforcement and Protection of Public Health**

<b>072-04-05</b>	<b>Reprinting "Living in Loon Territory" Brochure</b>	<b>Amt Funded: \$3,529</b>	<b>Statewide</b>
IFW Maine Audubon Society	Reprint 40,000 copies of the "Living in Loon Territory" brochure to fulfill those requests from the public for additional brochures, as well as send additional brochures to members of the Maine Congress of Lake Associations, Lakes Environmental Association, and other civic groups with an interest in loon conservation and DIFW regional offices.		
<b>071-04-02</b>	<b>City of Caribou Trail Enforcement Program Phase II</b>	<b>Amt Funded: \$4,963</b>	<b>Caribou</b>
DOC Car bou Police Department	Purchase a trailer for the expansion of the ATV law enforcement details. The Caribou Police Department is actively enforcing ATV laws and wishes to purchase a trailer to use in conjunction with the multi-jurisdictional task force.		
<b>072-04-01</b>	<b>Environmental Outreach: Help Build a Sense of Stewardship in the St. John Valley</b>	<b>Amt Funded: \$6,000</b>	<b>St. John Valley</b>
SWCD St. John Valley Soil and Water Conservation	Expand beyond the St. John Valley SWCD's traditional audience of agricultural producers, and provide education and outreach to a more general population of working class adults in an effort to build a sense of environmental stewardship in the St. John Valley.		
<b>071-04-06</b>	<b>Meeting Maine Clean Water Standards During Fish Therapeutic Treatments</b>	<b>Amt Funded: \$6,820</b>	<b>Statewide</b>
IFW Fish Health Laboratory	This project will demonstrate and document that the responsible and appropriate intermittent use of therapeutics does not result in an observable acute toxicity effect on hatchery discharge receiving waters and does not lower the quality of any classified body of water below the established classification.		
<b>072-04-04</b>	<b>Ashland EMS/Multi Jurisdictional ATV Grant Proposal</b>	<b>Amt Funded: \$7,001</b>	<b>Ashland</b>
IFW Town of Ashland	Purchase an ATV to be used for EMS purposes and all aspects of search/rescue operations in the Ashland, Me area.		
<b>072-04-02</b>	<b>Fort Fairfield Trail Enforcement/Education Program</b>	<b>Amt Funded: \$9,199</b>	<b>Fort Fairfield</b>
DOC Depart.of Conservation - BPL	Provide law enforcement, education, public service information and ATV patrol of Fort Fairfield's Trail System by purchasing a 2008 Yamaha Rhino 700 (ATV) for the Police Department.		
<b>071-04-08</b>	<b>Promoting the Understanding and Protection of Significant Wildlife Habitat</b>	<b>Amt Funded: \$15,084</b>	<b>Statewide</b>
DEP Maine Audubon Society	This project will educate local landowners, developers and officials about significant wildlife habitat recently afforded enforceable protection through new legislation in 2006. Increasing local knowledge about the need for this protection will increase local compliance and reduce the likelihood of legislative rollbacks.		
<b>071-04-04</b>	<b>Updating the advance of the deer tick in Maine</b>	<b>Amt Funded: \$20,000</b>	<b>Statewide</b>
IFW Maine Medical Center Research Institute	The range of deer ticks has increased in Maine in recent years as well as associated human risks including Lyme disease. Since 1999 was the last year in which MMCRI field surveyed the extent of deer tick distribution, we propose to define its current distribution through field and tagging station surveys and test collected ticks for pathogens. This new information will be used to provide critical information to the public through educational materials and summary reports. Human cases of Lyme disease has increase dramatically in the last 5 years, it is imperative that updated, field derived data provide timely and specific information on current distribution and precautionary advice.		
<b>071-04-09</b>	<b>Contaminants in Maine's Ecosystems</b>	<b>Amt Funded: \$20,000</b>	<b>Statewide</b>
DEP BioDiversity Research Institute	Based on BRI's successful mercury research template, this comprehensive project will measure 101 synthetic contaminants in the eggs of 14 bird species in six sites to determine in which species, habitats, and locations these anthropogenic compounds are concentrating.		

**Category 4 Natural Resources Law Enforcement and Protection of Public Health**

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<b>072-04-06</b>	<b>Snowmobile and Enforcement Safety Jackets for Game Wardens</b>	<b>Amt Funded: \$29,484</b>	<b>Statewide</b>
IFW			
Dept. of IF&W	To provide 120 Game Wardens with a snowmobile enforcement flotation jacket to be worn when working on and around ice and cold water.		

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**Total Amount Funded for Category: 4 \$122,080**

**Total All Categories: \$757,530 # of Grants Awarded: 48**