

# MAINE STATE LEGISLATURE

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## Maine Outdoor Heritage Fund

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February 14, 2013

The Honorable David E. Dutremble, Chairman  
The Honorable Michael Shaw, Chairman  
Joint Standing Committee on Inland Fisheries and Wildlife  
3 State House Station  
Augusta, Maine 04333-0001

Dear Chairmen,

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

By way of history, the Maine Outdoor Heritage Fund was established in July, 1995 after a citizen's initiative to add a conservation game to the state lottery generated more than 53,000 signatures. Due to the strong support among Maine residents, the Legislature enacted the proposal into law, by-passing the need for a vote in the November, 1995 election.

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 fishery 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, thirty-nine Heritage Fund lottery tickets have been issued. Two tickets were issued this year: "Fast Cash" and our current ticket "Moose Money."

Approximately 74 percent of Heritage Fund lottery ticket revenue is allocated toward winnings, commissions and their expenses. The remaining 26 percent is transferred to the Maine Outdoor Heritage Fund for distribution to grants of which 2% is used for administrative fees allowing 24% to be released for grant funding. A 2013 budget that outlines the details of these expenses is enclosed.

Grants are awarded semi-annually to natural resource agencies in response to grant proposals. To date, there have been thirty-two grant cycles. Applicants include state natural resource agencies in partnership with non-profit conservation organizations. Over the past sixteen years, the Heritage Fund has awarded approximately \$17 million in grants to 828 conservation projects. The grant sizes are generally between \$500 and \$30,000 with the average grant size being \$20,000. A brief description of the 58 grants awarded this year is enclosed.

### **Board Members/Staff**

Thomas Urquhart, *Chairman* • Edye Cronk • Peter Garrett • Jack Witham  
Molly Docherty, *Maine Natural Areas Program* • Commissioner Chandler Woodcock, *Dept. of Inland Fisheries & Wildlife*  
Commissioner Walter Whitcomb, *Department of Agriculture, Conservation and Forestry* • Staff: Carol Gay, *Secretariat*

Since the Heritage Fund program began, grant recipients have included the Department of Inland Fisheries & Wildlife; the Department of Marine Resources; the Department of Agriculture, Conservation and Forestry; the Department of Environmental Protection; 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; Soil and Water Conservation Districts in six counties; 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 additional 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:  
Strategic Plan  
2013 Budget  
Grant Awards

**Maine Outdoor Heritage Fund  
Strategic Plan  
January, 2007**

**Overview**

The Maine Outdoor Heritage Fund was established in July, 1995 through L.D. 717, An Act to Establish the Maine Outdoor Heritage Fund. As stated in Title 12, MRSA c. 903, section 10303,

"The fund is for the sole purpose of maintaining, improving and expanding state and local natural resource conservation programs and associated compatible public uses in accordance with the strategic plan provided for by section 10308, subsection 5, paragraph A."

Title 12, MRSA c. 903, section 10308 charges the Maine Outdoor Heritage Fund Board with adopting a strategic plan for each of the funding categories listed in section 10307. As the law states, "The strategic plan must identify the priority areas for funding...using the criteria listed in section 10309." This strategic plan is intended to fulfill the requirements of Title 12, MRSA c. 903, section 10308 stated above, and to provide direction to the Board and natural resource agencies on the long-term funding priorities of the Maine Outdoor Heritage Fund.

**Guiding Principles**

The Maine Outdoor Heritage Fund Board will be guided by the following principles as it considers grant requests during the period of its duration, which is expected to be the next six years – through December, 2013. It will give preference to projects that most substantially accomplish one or more of these objectives:

- conserve Maine's outdoor heritage and demonstrate outstanding natural-resource or recreational benefits;
- maximize degree and diversity of public/private partnerships or other types of matching funds; projects with a cash match of 1/3 or higher are encouraged (see grant application guidelines for further detail on what constitutes cash match);
- form alliances between natural resource agencies, interest groups and organizations based on shared visions and mutual responsibility;
- address natural resource concerns of statewide significance and/or broad geographical distribution;

## **Fund Distribution Categories and Grant Criteria**

As specified in Title 12, MRSA c. 714, section 10307, only Natural Resource Agencies may apply for a Maine Outdoor Heritage Fund grant. They may do so independently or in partnership with other entities. The Maine Outdoor Heritage Fund Board encourages non-governmental organizations interested in projects to contact the appropriate Natural Resource Agency listed in Attachment (C) to submit a grant application.

Dollar amount of grants will vary. The Board will allocate funds according to four major fund distribution categories outlined in Title 12, MRSA c. 714, section 10307 and stated below. The percentage of overall Board funding allocated to each of the four categories is also outlined in Title 12, MRSA c. 714, section 10307 and stated below.

### **1. Fisheries and wildlife, and habitat conservation projects (35%)**

The Board shall consider whether a project involves:

- a) Protection/enhancement of a species, species group, natural community or ecosystem adversely affected due to lack of management or habitat loss;
- b) Protection/enhancement of a species, species group, natural community or ecosystem that is adversely affected due to unusual vulnerability to human or natural disturbances, or need for a special or limited habitat type;
- c) Provision of benefits vital to the future welfare of a species or species group;
- d) Education about fisheries, wildlife, natural community and habitat conservation;
- e) Equipment and training to improve efficiencies in fisheries, wildlife and habitat conservation efforts;
- f) Protection/enhancement of a species, species group, natural community or ecosystem of statewide or regional significance; or
- g) Environmental monitoring.

### **2. Acquisition and management of public lands, parks, wildlife conservation areas and public access and outdoor recreation sites and facilities (35%)**

Land acquisition projects may involve a range of land types (eg. forestlands, agricultural lands, wetlands, grasslands) that support wildlife conservation and public recreation. The Board shall consider whether a project involves:

- a) Public outdoor recreation sites and facilities or lands of statewide or regional significance;
- b) Acquisition and public management of habitat or species, species group, natural community or ecosystem of statewide or regional significance;
- c) Acquisition and public management of habitat of a threatened or endangered species listed under state or federal law;
- d) Acquisition and public management of rare or exemplary natural communities or ecosystems as determined by the State's Natural Areas Program database;
- e) Protection/enhancement of rare or exemplary geological features;
- f) Areas with proximity to lands dedicated to conservation purposes or public recreation.

- g) Education about the management and use of public lands, parks, wildlife conservation areas, and public access and outdoor recreation sites and facilities;
- h) Equipment and training to improve efficiencies in the management of public lands, parks, wildlife conservation areas, and public access and outdoor recreation sites and facilities;
- i) Development and maintenance of outdoor recreational facilities and access sites.
- j) Environmental monitoring of public lands, parks and wildlife conservation areas.

### **3. Endangered and threatened species conservation projects (15%)**

The Board shall consider whether a project involves:

- a) A species or species group listed as endangered or threatened under state or federal law;
- b) The habitat of one or more species listed as endangered or threatened species under state or federal law;
- c) A species or species group not listed as threatened or endangered but, based on the best available scientific information, potentially warranting listing in near future;
- d) A species, species group, natural community or ecosystem that has been documented as being in decline or recognized as being at risk of extirpation from the State;
- e) A species, species group, natural community or ecosystem thought in the best professional judgment of biologists to be in decline or in danger of extirpation from the State but whose status is undetermined;
- f) Education about conservation of rare, threatened and endangered species, species of special concern, and/or exemplary natural communities;
- g) Equipment and training to improve efficiencies in the conservation of rare, threatened and endangered species, species of special concern, and exemplary natural communities; or
- h) Environmental monitoring of rare, threatened, endangered species or habitat

### **4. Natural resources law enforcement and protection of public health (15%)**

The Board shall consider whether a project involves:

- a) Public health or safety concerns of statewide or regional significance;
- b) Biological indicators that would signal threats to Maine's air quality, water quality, wildlife or wildlife habitat, and/or health of Maine's ecosystems;
- c) Environmental education for the public or law enforcement personnel;
- d) Cross-training between natural resources state agencies;
- e) Equipment and training to improve efficiencies in natural resources law enforcement;
- f) Education of the public about natural resource laws and enforcement

**Definitions of Terms used in Strategic Plan  
(from Title 12, MRSA c. 903, section 10301)**

1. **Acquisition.** "Acquisition" means fee ownership, easement, lease, right-of-way and other less-than fee interests in land.
2. **Board.** "Board" means the Maine Outdoor Heritage Fund Board.
3. **Coordinator of the Natural Areas Program.** "Coordinator of the Natural Areas Program" means the person appointed by the Commissioner of Conservation to be responsible for coordinating the Natural Areas Program.
4. **Fund.** "Fund" means the Maine Outdoor Heritage Fund.
5. **Matching funds.** "Matching funds" means any combination of public and private funds used in conjunction with the Maine Outdoor Heritage Fund, including, but not limited to, private contributions of cash or securities, money from municipal or other public agencies, money from a federal matching program, in-kind contributions or any combination thereof.
6. **Natural resources agencies.** "Natural resources agencies" means state agencies, bureaus, boards, commissions or other instrumentalities having jurisdiction over the protection of the State's natural resources.
7. **Public-private partnership.** "Public-private partnership" means any partnership between federal agencies, state agencies or individuals or any combination of federal agencies, state agencies or individuals, including corporations and private persons or organizations, where at least 1/3 of the funding is contributed by a nongovernmental organization or individual.
8. **Wildlife.** "Wildlife" means wild organisms, including vertebrate, invertebrate and plant species.

**B. Maine Outdoor Heritage Fund  
Grant Application Guidelines**

Only Natural Resource Agencies may apply for a Maine Outdoor Heritage Fund grant. They may do so independently or in partnership with other entities. For a current list of the known State's Natural Resource Agencies, see Attachment (C). Each year proposals submitted must be postmarked by March 1 for the first distribution and September 1 for the second distribution. It is the intent of the Legislature that a grant received from the fund not be considered a substitute for funds previously appropriated or allocated to a natural resources agency.

A complete application from a Natural Resource Agency includes:

- 1. A completed Summary Information Form (as prescribed by the Board);**
- 2. A proposal not to exceed 5 pages that meets the Maine Outdoor Heritage Fund's guiding principles, and includes the following:**
  - a. an identification of the fund-distribution category under which the applicant is applying; if there are multiple categories, please specify which one is most pertinent
  - b. the stated objectives of the project and how they will be accomplished
  - c. evidence of the urgency and need for the project
  - d. literature cited, if appropriate
  - e. the potential outcome of the project and how it will be measured
  - f. the project timeline
  - g. for education projects – target audience clearly identified with a well developed distribution plan.
- 3. A list of key personnel involved in the project including a biography or resume of each (not to exceed 1 page per person); and**
- 4. If this is a collaborative project, letters of understanding between partners that describes the specific respective role of each partner.**
- 5. Budget**
  - Expenses:**
    - Personnel (By Task or Person):** \_\_\_\_\_
    - Project Expenses:**
    - Total Expenses:**
  - Income:**
    - Revenue Sources Secured:**
    - Revenue Sources Planned:**
    - Inkind Support:**
    - MOHF Request:**
    - Total Income:**



Funds may be used to support only project-related expenses, including salaries. Monetary match must consist of funds raised specifically for the project proposed and does not include salary costs of natural resource agency staff that are funded by the State General Fund. In-kind contributions that occur during the duration of the project will be considered matching funds. Proposals that are funded will receive funds according to a schedule determined by the Board.

A final report and an executive summary (not to exceed one page) will be due within three months of the completion of the project. Annual progress reports will be required on projects that extend beyond one year. Final reports, progress reports, and executive summaries should be submitted electronically when possible and will include:

- a review of the project's success in meeting the stated objectives
- a detailed accounting of how Maine Outdoor Heritage Fund monies were spent
- color photographs or slides illustrating the project and its results
- copies of any press related to the project

*Attachment C - List of Natural Resource Agencies*

**Atlantic Salmon Commission**

**Baxter State Park Authority**

**Land for Maine's Future Board**

**Land Use Regulation Commission**

**Maine Board of Pesticides Control**

**Maine Conservation Corps**

**Maine Department of Agriculture**

**Maine Department of Conservation**

**Maine Department of Environmental Protection**

**Maine Department of Inland Fisheries and Wildlife**

**Maine Department of Marine Resources**

**Maine State Planning Office**

**Saco River Corridor Commission**

**Saint Croix International Waterway Commission**

**Soil and Water Conservation Districts**

**Wells National Estuarine Research Reserve Management**

## MOHF FY 2013 Budget

### Income

Sales	\$2,145,000	<i>Based on average Sales for past two years</i>
Other Income	\$45,000	<i>Based on average Sales for past two years</i>
<b>Total Income</b>	<b><u>\$2,190,000</u></b>	

### Lottery Expenses

Prize Expense	\$1,292,100	<i>Based on 59% of Income</i>
Vendor Fees	\$109,500	<i>Based on 5% of Income</i>
Agent Commissions	\$175,200	<i>Based on 8% of Income</i>
Agent Bonuses	\$600	<i>Based on average of last two years</i>
STA Cap	\$500	<i>Based on average of last two years</i>
Distribution Expenses	\$43,800	<i>Based on 2% of Income</i>
<b>Subtotal</b>	<b><u>\$1,621,700</u></b>	<b>74%</b>

### MOHF Expenses

Advertising	\$1,100	<i>For RFP to Advertise Secretariat Position</i>
Secretariat	\$36,875	<i>(Includes Advertising, Office Operating Expenses, Meeting Expenses)</i>
Per Diem	\$440	<i>Board Per Diem - 2 Meetings - 4 Board Members</i>
Other Travel	\$286	<i>Board Travel - 2 Meetings - 4 Board Members</i>
Misc	\$1,800	<i>Natural Resource Service Center Fees</i>
<b>Subtotal</b>	<b><u>\$40,501</u></b>	<b>2%</b>

**Total Expenses** **\$1,662,201**

**Available Funding** **\$527,799** **24%** *Forecasted amount for two grant funding sessions*

# Grant Awards Summary by Category

## Maine Outdoor Heritage Fund - 2012 - Session 1 and Session 2

Grants Awarded on May 3rd 2012 November 1, 2012 - Sorted by Category, Agency, Amount Funded

### Category 1 Fisheries & Wildlife & Habitat Conservation

<b>121-01-10</b>	<b>Maine Envirothon Resource Manual</b>	<b>Amt Funded: \$850</b>	<b>Statewide</b>
SWCD Kennebec County Soil & Water Conservation	Print 50 additional hard copies and 25 additional digital copies of the manual to be distributed to participating schools statewide.		
<b>121-01-02</b>	<b>Solar Powered PIT Tag Tracking System</b>	<b>Amt Funded: \$1,296</b>	<b>Roach River</b>
IFW Dept. of IF&W	Obtain solar panels and associated hardware to ensure complete data collection for the next two years of evaluation on the Roach River study of wild brook trout and salmon.		
<b>122-01-07</b>	<b>Conservation Recreation Forum</b>	<b>Amt Funded: \$1,500</b>	<b>Statewide</b>
ACF Maine Conservation Alliance	Reinvigorate the Conservation Education Forum to bring together sportsmen, environmentalists, outdoor recreationists, landowners, state natural resource agencies to learn about key issues, reduce areas of conflict and find new ways to collaborate.		
<b>121-01-18</b>	<b>Maine Feral and Outdoor Cat Assessment Project</b>	<b>Amt Funded: \$2,000</b>	<b>Statewide</b>
IFW New Earth Ecological Consulting	Documenting the extent of feral and free-ranging domestic cat populations in Maine and assessing the potential impacts of populations on native wildlife.		
<b>121-01-09</b>	<b>Professional Development Scholarships: Field Studies in Marine Biology</b>	<b>Amt Funded: \$2,196</b>	<b>Burnt Island</b>
DMR Dept. of Marine Resources	Offer scholarships to Maine's in-service teachers and UMF's pre-service teachers, so that they can participate in field studies at the Burnt Island facility.		
<b>121-01-06</b>	<b>Outdoor Partners Communication &amp; Outreach Network</b>	<b>Amt Funded: \$3,500</b>	<b>Statewide</b>
IFW Sportsmans Alliance Of Maine	Create a single source database of fish and game clubs and outdoor partners and hold meetings to develop templates and examples of programs for youth, veterans, women and the disabled and share with organizations statewide.		
<b>121-01-13</b>	<b>Invasive Free Falmouth</b>	<b>Amt Funded: \$4,000</b>	<b>Falmouth</b>
DOC Town of Falmouth	Increase the level of awareness with Falmouth residents about the presence of invasive plants in the community and reduce the existing population of invasive terrestrial plants on Falmouth Land Trust land and private property in Falmouth.		
<b>121-01-11</b>	<b>Habitat Improvement For In-decline Birds and Mammals</b>	<b>Amt Funded: \$5,000</b>	<b>Concord Plantation</b>
SWCD American Greenlands Restoration	Increase the purple martin, bat and black duck populations through improvement of fauna at the American Greenlands Restoration Initiative through habitat improvement and construction of nesting/dwellings.		
<b>122-01-15</b>	<b>Establishing Breeding and Wintering Purple Sandpiper Population Connectivity</b>	<b>Amt Funded: \$5,000</b>	<b>Statewide</b>
IFW Dept. of IF&W	Establish wintering and breeding population connectivity of the rarely surveyed Purple Sandpiper to determine which breeding populations winter in the northwestern Atlantic which will prioritize monitoring and protection efforts for those breeding populations most at risk.		

## Category 1 Fisheries & Wildlife & Habitat Conservation

<b>121-01-17</b>	<b>Invasive Aquatic Species Project</b>	<b>Amt Funded: \$5,334</b>	<b>York County</b>
SWCD York County Soil & Water Conservation	Run a watershed-based project that provides invasive aquatic species educational outreach activities and invasive aquatic plants early detection training to volunteers in York County.		
<b>121-01-04</b>	<b>Returning Wings to Water</b>	<b>Amt Funded: \$7,000</b>	<b>Statewide</b>
IFW Avian Haven Wild Bird Rehabilitation Center	Construct an insulated building housing four pools to enhance Avian Haven's capacity to rehabilitate injured water birds of all species making this the only aquatic bird facility in the state that can be fully operational year round.		
<b>121-01-16</b>	<b>Improving Habitat Connectivity in Two Southern Maine Watersheds</b>	<b>Amt Funded: \$7,500</b>	<b>Shoreys Brook and Branch Brook</b>
WNER The Wells Reserve	Conduct a survey of barriers to fish passage in Shorey's Brook and further document the occurrence of the rare American brook lamprey located in Maine for the first time during pre-restoration monitoring and improve fish passage at the non-operational fish ladder at the water district treatment plant dam on Branch Brook in Kennebunk.		
<b>121-01-15</b>	<b>Georges River Tidewater Association Water Quality Monitoring Program</b>	<b>Amt Funded: \$8,000</b>	<b>Knox County</b>
DEP Georges River Tidewater Association	Support volunteer based environmental monitoring in the St. George Estuary that support harvesting of clams, lobster, worm, alewife and elver fisheries as well as a variety of recreational uses.		
<b>122-01-06</b>	<b>Monitoring, Outreach, and Education on Our Sand Beaches</b>	<b>Amt Funded: \$8,362</b>	<b>Southern Maine</b>
ACF University of Maine - Maine Sea Grant and Wellis	Provide comprehensive monitoring of southern Maine beaches to improve state and municipal access to the quality-controlled beach elevation data on a monthly and pre/post storm basis to inform beach management to promote conservation of wildlife and their habitats, dune management, beach nourishment and public access for recreation.		
<b>122-01-10</b>	<b>Privatization of the MDEP Lake Protection Program, LakeSmart</b>	<b>Amt Funded: \$10,000</b>	<b>Statewide</b>
DEP Maine Congress of Lake Associations	Privatize LakeSmart, an incentivized lake protection program introduced by Maine DEP in 2003 that educates lakefront property owners about sustainable land use and rewards those whose properties model best management practices.		
<b>121-01-08</b>	<b>Alewife Restoration</b>	<b>Amt Funded: \$10,200</b>	<b>North Haven</b>
DMR North Island Science Collaborative	To restore alewife for the second of five seasons, collect baseline information and finish design and implementation of a fish passage to allow the fish to better access their spawning.		
<b>121-01-14</b>	<b>A Field Guide to the Plants of Baxter Park</b>	<b>Amt Funded: \$12,000</b>	<b>Baxter State Park</b>
DOC Maine Natural History Observatory	Inventory the plants of Baxter State Park and take digital images of park species to use as the first step toward developing a field guide to be used as an educational, informational and recreational tool.		
<b>122-01-12</b>	<b>Little Androscoggin River Watershed Passage Survey and Barrier Prioritization</b>	<b>Amt Funded: \$12,416</b>	<b>Oxford County</b>
IFW Androscoggin Valley SWCD	Survey and GIS map road/stream crossings and barriers to passage within the watershed and provide information to towns, state and federal agencies. Seek additional funding for restoration of habitat connectivity in priority areas.		
<b>122-01-08</b>	<b>First "Citizen's" Guide to Best Practices for Management of Invasive Aquatic Plants</b>	<b>Amt Funded: \$12,500</b>	<b>Statewide</b>
DEP Maine Milfoil Initiative - St. Joseph's College	Develop and publish the first complete resource, available in print as well as on-line, to assist citizen lake groups who are battling milfoil.		

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

<b>122-01-05</b> ACF Dept. of Agriculture, Conservation &	<b>Innovative Approaches to Watershed Protection Using Portable Forestry Bridges</b> Develop and implement an innovative program to protect drinking water sources in municipal water supply watersheds by providing portable skidder bridges for temporary use during active harvest operations, establishing a long-term tracking and monitoring system for the bridges' use and effectiveness and using the full reach of the partnership to inform and educate a broad audience within the target area.	<b>Amt Funded: \$13,500</b>	<b>Kennebec County</b>
<b>122-01-01</b> ACF Dept. of Conservation-MNAP	<b>Ecological Integrity Assessment: A New Method for Evaluating Maine Wetlands</b> Adapt a national methodology that involves remote and field-based metrics, the identification of key ecological attributes and stressors, standard protocols for evaluating those attributes and the use of aggregated metrics to rank wetlands in terms of their ecological integrity.	<b>Amt Funded: \$14,722</b>	<b>Statewide</b>
<b>121-01-12</b> DOC Maine Tree Foundation	<b>The Maine Woods Outreach Network</b> Create the Maine Woods Outreach Network (MWON) to develop a unified voice to tell the story of why forests matter for all Maine people.	<b>Amt Funded: \$15,000</b>	<b>Statewide</b>
<b>122-01-02</b> IFW Lab of Avian Biology - Univ. of Maine	<b>Using New Tracking Technology to Determine Shorebird Habitat Use</b> Determine real time movement related to shorebird foraging and roosting behaviors as well as those in response to human related disturbance at coastal staging areas and enhance public education about coastal areas and conservation.	<b>Amt Funded: \$15,000</b>	<b>Statewide</b>
<b>121-01-05</b> IFW BioDiversity Research Institute	<b>Characterizing Movement and Dispersal Patterns of Bald Eagles</b> Using satellite technology, characterize the movement and dispersal patterns of fledgling and sub adult Bald Eagles in coastal and northern Maine in order to inform a diverse range of conservation topics including anadromous fishery restorations, wind power installations and colonial seabird management.	<b>Amt Funded: \$16,194</b>	<b>Statewide</b>
<b>121-01-07</b> DMR University of Maine, Dept of Wildlife Ecology	<b>Distribution and Abundance of Sea-Run and Resident Fish in the Penobscot</b> Use boat electrofishing and a stratified-random sampling approach to quantify abundance, size structure, and biomass of sea-run and river resident fishes in the mainstem Penobscot River and several major tributaries and provide stakeholders with an assessment of the pre-removal state of fish assemblages to quantify changes following the Great Works and Veazie Dam removals.	<b>Amt Funded: \$16,930</b>	<b>Penobscot and Piscataquis Counties</b>
<b>Total Amount Funded for Category: 1 \$210,000</b>			

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

<b>121-02-07</b> DOC Androscoggin River Watershed Council	<b>Androscoggin River Trail Wayfinding and Interpretation Signage Design</b> Develop a common theme and coordinated design for the Androscoggin River Trail and associated land trails by creating a cohesive signage and branding plan.	<b>Amt Funded: \$2,690</b>	<b>Androscoggin River</b>
<b>122-02-02</b> IFW Natural Resource Education Center	<b>Securing Public Access on the Moose River</b> Assist in acquiring a 100 acre parcel with over 4,000 feet of frontage on the Moose River to ensure lifetime public access by contracting with an appraiser to determine the fair market value of the property which will determine the maximum amount the Department is able to pay for the property.	<b>Amt Funded: \$3,000</b>	<b>Rockwood Strip - Moosehead</b>
<b>121-02-12</b> DOC Dept. of Conservation-BPL	<b>Public Lands Trail Use Monitoring and Visitor Survey Initiative</b> Build a stronger baseline of understanding visitor use and preferences at remote recreation sites to produce useful insights for the development and management of related trails.	<b>Amt Funded: \$5,000</b>	<b>Statewide</b>
<b>121-02-06</b> DOC Rangeley Lakes Heritage Trust	<b>Cupsuptic Lake Park Interpretive Hiking Trail</b> Develop an interpretive hiking trail at the Cupsuptic Lake Park and Campground that will feature educational panels at key points to educate the public on the forest and wetland habitats, flora and fauna as well as ecological importance.	<b>Amt Funded: \$5,160</b>	<b>Adamstown Township</b>
<b>121-02-14</b> SWCD Maine Association of Conservation Districts	<b>Bog Boardwalk</b> Provide an opportunity to experience a quaking "kettle hole bog-pond ecosystem" via a boardwalk with information stations and a kiosk which will encourage people to learn from, exercise in, and interact with their environment.	<b>Amt Funded: \$5,700</b>	<b>Jefferson</b>
<b>121-02-05</b> DOC Dept. of Conservation-BPL	<b>Assessing Maine State Parks and Public Lands for Use of Other Power-Driven Mobility Devices</b> Working to maintain compliance with the United States Department of Justice rules, conduct an extensive field assessment of Bureau trail systems' ability to accommodate other power-driven mobility devices.	<b>Amt Funded: \$6,000</b>	<b>Statewide</b>
<b>121-02-15</b> DOC Northern Forest Canoe Trail	<b>Maine Paddler Specific Aquatic Invasive Prevention Signage</b> Fabricate and install up to 150 aquatic invasive prevention signs at targeted locations across the NFCT in Maine.	<b>Amt Funded: \$6,000</b>	<b>Oxford, Franklin, Somerset, Piscataquis, Aroostook</b>
<b>122-02-07</b> IFW Maine Snowmobile Association	<b>Study of Recreationists' Attitudes Toward Access to Private Land</b> Conduct a study (similar to the 2009 SWOAM study) of the attitudes of land users towards the owners of the land they recreate on and use the analysis of the data to further expand upon the recent changes made in the Landowner Relations Program.	<b>Amt Funded: \$7,000</b>	<b>Statewide</b>
<b>121-02-09</b> DOC Dept. of Conservation-BPL	<b>A Living Classroom - Ferry Beach Nature Center</b> Develop a series of concept designs that will maximize the capacity of the grounds surrounding Ferry Beach Nature Center as an outdoor living classroom, extend the seasonal center's educational capacity to year-round through outdoor educational space and exhibits.	<b>Amt Funded: \$7,950</b>	<b>Ferry Beach</b>
<b>121-02-11</b> DOC Dept. of Conservation - Maine Forest	<b>Stewardship of Augusta City Forests</b> Develop MFS WoodsWISE Stewardship plans for public forestlands in the City of Augusta, develop outreach materials on the forest management process, and conduct a series of "stump-to-hut" workshops for the public.	<b>Amt Funded: \$10,000</b>	<b>Augusta</b>

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

<b>121-02-13</b>	<b>Ten Mile Brook Demonstration Forest</b>	<b>Amt Funded: \$10,000</b>	<b>Brownfield</b>
SWCD Oxford County Soil and Water Conservation	Develop a 211 acre forested parcel in Brownfield into a "Demonstration Forest" and environmental education resource area for the southwestern Maine community.		
<b>122-02-01</b>	<b>Mattawamkeag River System Wildlife Management Area Upland Habitat Joint Venture</b>	<b>Amt Funded: \$10,000</b>	<b>Drew Plantation</b>
IFW Dept. of IF&W	Continue habitat management efforts on the Page Farm Unit within the Mattawamkeag River System WMA that benefit early successional habitat species including American woodcock, wild turkey and ruffed grouse.		
<b>121-02-01</b>	<b>Northern Casco Bay Trail Interpretive Signage</b>	<b>Amt Funded: \$11,500</b>	<b>Brunswick</b>
IFW Dept. of IF&W	Develop interpretive signage for six key public areas along the Northern Casco Bay Trail highlighting unique features of Casco Bay and Maquoit and Middle Bay Focus Area of Statewide Ecological significance.		
<b>121-02-03</b>	<b>St. George River Tidal Land Acquisition Project</b>	<b>Amt Funded: \$12,000</b>	<b>Warren</b>
IFW Georges River Land Trust	Secure 100 acres of riverside property for permanent conservation that includes forestland, fields, and wetlands; provides high value wildlife habitat as well as the opportunity for public use and education within a state identified region of ecological significance (BWH focus area).		
<b>121-02-04</b>	<b>Violette Brook Reservoir Lot Conservation Easement</b>	<b>Amt Funded: \$12,000</b>	<b>Van Buren</b>
IFW Van Buren Water District Board of Trustees	Provide a conservation easement to the Forest Society of Maine over the Violette Brook Reservoir property to maintain the integrity and quality of a public water supply while also encouraging outdoor activities such as hiking, skiing, fishing, paddling, bird-watching and ATV riding.		
<b>122-02-04</b>	<b>Making the Maine Coastal Public Access Guide Available Online</b>	<b>Amt Funded: \$15,000</b>	<b>Statewide</b>
ACF Maine Coastal Program, Maine Department of	Create an online companion component to the Maine Coastal Access Guide that will provide information about all coastal access sites in Maine to the public at no cost.		
<b>122-02-05</b>	<b>Conservation Walk at Height of Land Project</b>	<b>Amt Funded: \$15,000</b>	<b>Rangeley</b>
ACF Rangeley Lakes Heritage Trust	Complete the purchase of the land that provides the viewscape and hiking trail portion of the project to provide opportunities for hiking, wildlife watching, hunting, fishing, snowshoeing and an inspiring nationally recognized monument to conservation through the Conservation Walk at Height of Land that will also greatly benefit the local eco-tourism based economy.		
<b>122-02-03</b>	<b>Securing Maine's Conservation and Recreational Needs</b>	<b>Amt Funded: \$18,000</b>	<b>Statewide</b>
ACF Dept. of Conservation-BPL	Provide current and accurate GIS parcel records for state lands to meet conservation business needs; to meet standards required for inclusion of parcel records in the statewide conservation land layer; and to supply information used in brochures and other public information about recreation opportunities and other interests on state lands.		
<b>121-02-10</b>	<b>Closing the Monitoring Loop</b>	<b>Amt Funded: \$20,000</b>	<b>Statewide</b>
DOC Dept. of Conservation-MNAP	Resample forest monitoring plots at the Bigelow, Donnell Pond and Salmon Brook Lake Ecological Reserves, aggregate data sets into a database structure, analyze results of re-sampling and report on the results.		



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

<b>122-02-06</b>	<b>Natural Resource Protection of the Appalachian Trail: Gulf Hagas Region</b>	<b>Amt Funded: \$20,000</b>	<b>Gulf Hagas Region</b>
ACF			
Maine Appalachian Trail Club	Provide critical trail reconstruction on the Gulf Hagas Rim Trail where the trail is eroding as well as place a Ridgerunner to provide stewardship and Leave No Trace education to hikers. Safeguard access to a popular, outdoor destination and protect plant and wildlife habitat and water quality, strengthen volunteer activity in conservation.		

**Total Amount Funded for Category: 2 \$202,000**

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

<b>121-03-03</b>	<b>Improving Farm Bill programs to recover NEC &amp; other early successional wildlife</b>	<b>Amt Funded: \$1,667</b>	<b>York and Cumberland</b>
IFW			
Wildlife Management Institute	Restore habitat for NEC as well as other early successional wildlife species, offer better service to landowners in wildlife habitat restoration and create synergy and cost efficiencies by addressing MDIFW's goals.		
<b>121-03-05</b>	<b>The Last of Least: Saving Maine's Rarest Plants</b>	<b>Amt Funded: \$6,889</b>	<b>Aroostook, Cumberland, York</b>
DOC			
Dept. of Conservation-MNAP	Provide research and recovery activities for three globally rare species of plants: Furbish's lousewort, small whorled pgonia, and prairie white fringed orchid.		
<b>122-03-01</b>	<b>Web Mapping Migration for Conservation &amp; Biodiversity Database</b>	<b>Amt Funded: \$11,200</b>	<b>Statewide</b>
ACF			
Dept. of Conservation-MNAP	Upgrade Biotics 4, Maine's Conservation and Biodiversity Database, which will aid Maine biologists in understanding and managing our rich resources, key items in keeping Maine as The Way Life Should Be and Open for Business.		
<b>122-03-03</b>	<b>Building Respect for Piping Plovers and Least Terns Among Beach Residents and Visitors</b>	<b>Amt Funded: \$11,531</b>	<b>Southern Maine - Statewide Application</b>
IFW			
Maine Audubon Society	Help reduce disturbance to nesting plovers and terns through plover outreach and educational post cards, booklets, packets and videos targeted to beach goers,		
<b>121-03-02</b>	<b>Focusing New England Cottontail Restoration Efforts</b>	<b>Amt Funded: \$17,674</b>	<b>York &amp; Cumberland</b>
IFW			
University of NH -	Guide New England cottontail habitat management efforts by identifying landscape influences on dispersal.		
<b>121-03-04</b>	<b>Assessing the Condition of Maine's Most Significant Wetlands</b>	<b>Amt Funded: \$19,770</b>	<b>Northern and Eastern Maine</b>
DOC			
Dept. of Conservation-MNAP	Document the conditions of rare and exemplary wetland systems in Maine and map them to current standards to help ensure that MNAP's data is accurate and thorough, and is appropriate for future land use planning and natural resource management.		
<b>122-03-04</b>	<b>Noise and Vessel Characterizations in Right Whale Habitats</b>	<b>Amt Funded: \$22,269</b>	<b>Statewide - Statewide Application</b>
DMR			
Maine Dept. of Marine Resources	Generate valuable data products, leveraging significant state and federal contributions, data, and expertise with regards to conservation and management of endangered right and other large whales as well as the facilitation of economic development through the creation of unique and dynamic shipping and vessel traffic data in the Gulf of Maine.		

**Total Amount Funded for Category: 3 \$91,000**

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

<b>122-04-04</b>	<b>BayScaping: Growing Green Lawns that Keep Our Coastal Waters Blue</b>	<b>Amt Funded: \$7,100</b>	<b>Cumberland and Sagadahoc Counties</b>
ACF Friends of Casco Bay	Educate homeowners on how they can grow green healthy lawns that will not harm coastal waters.		
<b>121-04-02</b>	<b>Dragonfly Larvae as Biological Control Agents for Disease-carrying Mosquitoes</b>	<b>Amt Funded: \$8,049</b>	<b>Statewide</b>
IFW Maine Medical Center Research Institute	Assess the effectiveness of an integrated pest management strategy of importing dragonflies to control disease carrying mosquitoes.		
<b>121-04-04</b>	<b>Prevalence of Eastern Equine Encephalitis virus (EEEV) in Maine gamebirds.</b>	<b>Amt Funded: \$11,429</b>	<b>Statewide</b>
AGR Maine Medical Center Research Institute	Help in the overall understanding of the emergence and maintenance of Eastern Equine Encephalitis virus (EEEV) in northern New England by studying serum samples from harvested and translocated wild turkeys from hunter registration and wildlife surveys.		
<b>122-04-05</b>	<b>Serosurvey for Eastern Equine Encephalitis Virus (EEEV) antibody in Passerine Birds In Maine</b>	<b>Amt Funded: \$12,600</b>	<b>York &amp; Cumberland Counties</b>
WNER Maine Medical Center Research Institute	Quantify the EEEV exposure of neotropical migrants returning to Maine in spring and departing in fall to help predict future EEEV outbreaks and prepare natural resource managers and public health agencies for the spread of the disease.		
<b>122-04-03</b>	<b>Shooting Range and Facilities Access Improvement Program</b>	<b>Amt Funded: \$14,300</b>	<b>Statewide</b>
IFW Dept. of IF&W	Increase public safety and hunter satisfaction by improving the availability of adequate facilities for the training and maintenance of skillful shooters and hunters.		
<b>121-04-01</b>	<b>Maine Warden Service Dive Team-Remote Operated Vehicle (ROV)</b>	<b>Amt Funded: \$28,522</b>	<b>Statewide</b>
IFW Dept. of IF&W- Maine Warden Service	Obtain a remote operated vehicle (ROV) for the Maine Warden Service Dive Team to enable the dive team to conduct searches and recoveries in areas unsafe for divers.		

**Total Amount Funded for Category: 4 \$82,000**

**Total All Categories: \$585,000 # of Grants Awarded: 58**