

MAINE STATE LEGISLATURE

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This Report is Dedicated to Retired

Baxter State Park Chief Ranger Chris Drew



Over his 36 year career, Chris Drew set a standard for commitment and dedication to Baxter State Park. His work ethic, patience, sense of humor and extensive knowledge of the Park's landscape and wildlife are only a few of the many attributes Chris brought to his job, and those he worked with, every day.

In retirement, Chris continues to help the Park as a volunteer, continuing his life-long relationship with the Park of the People of Maine.

**BAXTER STATE PARK
2008 OPERATIONAL REPORT
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DEDICATION

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A.DIRECTOR'S SUMMARY



The annual photo of Baxter State Park staff, taken at the spring all staff meeting, has become a tradition that marks the passage of time. When people outside the Park see this photo they usually offer two reactions – surprise at how large the staff is, and a comment about how many staff have a smile on their face. When all is said and done, the Park is a great place to work with great people to work with – another reason to thank Percival Baxter for his generosity, foresight and vision.

I. Recognition



Russell Pond Campground Ranger Brendan Curran was Baxter State Park's 2008 Employee of the Year. Sometimes, you meet people who are just rock-solid. They look you straight in the eye when they speak to you. They listen carefully to what you say, and when they offer their perspective, there is usually a great deal of thought and careful consideration behind their words. Brendan is just such a person.

Brendan Curran exemplifies the idea of the Maine Backcountry Ranger and the very best of Baxter State Park. Brendan's quiet dedication and thoughtfulness, along with extensive experience and some serious smarts, has provided countless visitors to the heart of

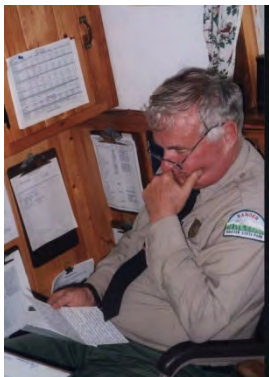
Baxter Park with a deeper, safer, more enjoyable wilderness experience. He is a pleasure to work with and a privilege to be confused with.

Elizabeth Johnston was Baxter State Park's 2008 Manager of the Year. Betts Johnston retired from the Park in January of 2009 after 12 years of service. Her open-minded but measured contributions to reforming our reservation system has helped provide Park visitors with a fairer, more equitable system that is easier to use. Her advice and counsel on the management of the Park budget has improved our ability to make effective and timely decisions on where and how to spend, or not to spend, limited Park resources. Betts has been an important player in our efforts to expand and improve the training provided to Park staff and most importantly, Betts has earned the trust of the staff as a careful and confidential listener regarding personnel issues who will work to fairly, appropriately and promptly resolve any issue facing Park staff. Business Manager, Personnel Officer, Human Resources expert, web site designer – Betts Johnston wears many hats at Baxter Park and wears them all well. Professional, caring, dedicated, enthusiastic yet always keeping one eye on the bottom line, Betts is a model of the professional for all Park staff.



II. Administrative Staff Changes

Along with Betts Johnston, Chief Ranger Chris Drew also retired from Baxter State Park in 2009 after 36 years of service (see report dedication). In late October many Park staffers and friends joined together for a meal and remembrances and a little roasting of Chris. Chris' long career is marked by dedication and commitment to the Park's mission, an ever-ready smile and an infectious laugh that always brightened the day for Park staff and visitors. Chris has remained active in the Park as a volunteer and his knowledge of the Park's landscape and operations continue to benefit Park staff and the People of Maine.



With the retirement of two Administrative staff members, much of the fall of 2008 was spent in working through two comprehensive hiring plans to find and install two members of the Park's administrative team. By years' end the Authority had confirmed the hiring of Ben Woodard as Chief Ranger and Christine Theriault as Business Manager. Both Christine and Ben started work with the Park in their positions in early 2009.

III. BSP Advisory

The Baxter State Park Advisory Committee benefited from the addition of several new members in 2008:

Laurie Rich - Hampden ME **Laurie Nale** Waterville ME. **Rick Bray** -Brunswick ME
Dave Edwards - Pownal, ME **Tom Goetz** - New Sweden ME

Dave Brucelli of Mt. Desert, ME also began regularly attending Park Advisory sessions representing the dedicated Advisory position assigned to the Superintendent of Acadia Park. The addition of the new Advisory members continued to strengthen an already strong and knowledgeable committee. The Park Advisors worked with the Director and staff on numerous issues in 2008 including a review of the Park's organizational structure, the removal of Abol Dam, a review of the Parks Rules and Regulations, and the revision of the Parks website. In September, the Authority submitted a letter (see appendix) to the Park Director requesting a review of the Park's process and procedure regarding access to Katahdin trailheads. This complex issue occupied the agenda of the Advisory for the final quarter of 2008.



Park Advisors and staff at Martin Ponds: I-r, Meyer, Guay, Brucelli, Nale, Bissell, Bray, Edwards, Ritchie, Goetz, Hutnak. See the appendix for a complete listing of the BSP Advisory Committee.

Along with active and productive Advisory meetings, we also continued the practice of regular all-staff meetings during the winter months. These meetings provided the staff as a working group the opportunity to share information about Park conditions, visitor use, emerging and applied policies, supervision issues and a variety of other topics. These meetings have been very productive for the time invested and will be continued in the future.

IV. The International Appalachian Trail

The International Appalachian Trail (IAT) organization continued its trail building efforts east of the Park. The Baxter State Park Authority made the commitment as a part of the Katahdin Lake Project discussions to provide trail access from the eastern boundary of the Katahdin Lake Parcel to the shore of Katahdin Lake. The ensuing planning process completed in 2007 designated the conversion of the so-called RP-16 road to trail status in 2008. In the fall of 2008, the culverts were removed from this road and the road was blocked with rocks at the Park property line in T3R8. Vehicle access to this point had been restricted since 2007 when Elliotsville Plantation Inc. closed their ownership roads to public vehicle access at the entrance gate approximately 8 miles south of the RP-16 Road. Park staff will continue work on converting this former logging road to a trail status as the eastern end of the Katahdin Lake Trail in 2009. The IAT plans to set the southern terminus of the IAT at the eastern end of the Katahdin Lake Trail. The Director spoke to the annual meeting of the IAT held at Twin Pines in September of 2008 regarding the creation and core mission of the Park and the Park's policies regarding long distance hikers.

Park staff and the Advisory spent time in 2008 completing a review and developing subsequent proposed revisions to the Park's Rules and Regulations. The suggested revisions were approved by the Authority and then run through the Administrative Procedures Act process for rule changes. The revised Rules and Regulations will be implemented in 2009.

V. Katahdin Lake Parcel

A concerted effort by BSP staff, trail crew and volunteers resulted in the completion of the 2.5 mile Martin Ponds Trail providing a loop access to Katahdin Lake in combination with the Katahdin Lake Trail. Preliminary site designation work was also done for the planned 6-person lean-to at Martin Ponds and on the southwestern shore of Katahdin Lake. Materials for the construction of 2 lean-tos were also hauled to the northern end of RP-16 in preparation for winter hauling to the construction sites.

The construction of the day-use picnic shelter and toilet at Katahdin Lake was also completed, once again with a combination of park staff and volunteers. Visitor use of the picnic shelter and Katahdin Lake canoes continued to increase during 2008.

All reporting and payment elements of the Katahdin Lake Wilderness Camps lease were successfully completed. Camp Manager Holly Hamilton continues to improve the physical structure of the camps and develop the Camps clientele. Holly has also worked very well with adjacent Park staff at Togue Pond Gate and Roaring Brook as well as the Reservation staff at HQ in communicating necessary information regarding the ingress and egress of visitors to the Camps.

2008 marked the last year of limited access over EPI lands to the RP-16 road providing short hiking access to the KLWC from the south. In preparation for this change, Resource Manager Carol Redelsheimer organized the dispersion of log piles on a logging road in the KL Parcel north of Katahdin Lake and in the late fall, BSP staff utilized the backhoe to remove culverts from RP-16 as the first step in conversion to trail status. This conversion work will continue toward operational completion in 2009.

VI. The Friends of Baxter State Park

Trail work on the Martin Ponds Trail and a large effort on the Hunt Trail utilized Maine Conservation Corp crews contracted to the Park for trail work for specific periods and projects. These crews have been very effective at in supporting Park efforts in trail maintenance and protection. The support of the Friends of Baxter Park has been very helpful in increasing the time that MCC crews can be on site for trail projects. The Friends of BSP, under the 2008 leadership of Friends' president Barbara Bentley, have maintained excellent communication with the Park and have worked effectively with the Park to explore and develop effective ways to support the Parks operations and mission. The Friends support of the MCC efforts within the Park and the organized assistance and support of the Parks volunteer efforts have a real, lasting and positive effect on Park resources and are excellent examples of the kind of support that is most valuable and sustainable to the Park.

VII. Abol Dam Removal

The wooden dam at the outlet of Abol Pond revealed serious deterioration at the end of 2007 and Park staff restricted access to the dam area as a public safety measure. In 2008 we began discussions with IF&W personnel regarding the removal of the dam. These discussions were very productive and in the spring of 2008 the Authority approved a plan to remove the wooden dam and the stabilize the outlet with a large rock structure that would provide some protection from the upstream movement of fish (including non-native fish currently existing in the waters of the West Branch Penobscot), maintain the approximate current water level of Abol Pond. The finished rock structure will likely need no maintenance in future years and is more consistent with the natural features of the pond. Park Ranger Barry MacArthur and Maintenance Supervisor Rod Angotti provided excellent vision and expertise in organizing and guiding the construction and outcome of this work.



Abol Stream Outlet
after removal
of the wooden dam.

VIII. Baxterstateparkauthority.com

Visitor use of the Baxter Park website has continued to grow as more people turn to the internet for information and planning purposes. In late 2008, with strong encouragement from the BSP Advisory, we began to organize the process for revising our website to a more user friendly format. This project will be largely completed in 2009 and will likely include extensive changes to many of the pages on the website. As importantly, we will work toward restructuring our in-house assignments to provide for a more active presence in website management and the use of the website as an evolving and growing interface for information and education to visitors and a continuous connection between the various interests of Park visitors and the Parks mission of protection, management and education.

IX. Park Endowments

The downward slope of an already difficult economy steepened considerably in the last quarter of 2008. Notwithstanding an unexpected turnaround, the sharp deterioration of trust values will likely have noticeable effects on the ability of the Park to maintain operational structures and initiatives in the coming years. The Baxter State Park Investment Committee was very active in 2008 working with Bank of New York – Mellon manager Michael Janko to evaluate and investigate additional ways to diversify and improve the productivity of the Park's principal endowments. The Park began its endowed history in 1972 with a little over \$10 million in endowment funds. Thirty-six years later in 2008, the Park's endowments, adjusted for inflation, had a value in 2008 of just under \$13 million. Overall, this is good news about the Parks management of the endowments that provide 2/3 of the Park's annual operating revenue – reflecting that the Park's funds have grown more than inflation, while supporting the Park's operations. The actual path of the real value of the Park's endowments over the past three and a half decades has been quite variable, with periods of declining value and periods of increasing value. It is clear that careful vigilance of the real spending from the Parks trust funds is as important now as ever.

X. Park Visitation

Second in importance to the trust funds in providing funding for Park operations is the revenue from camping in the Park. After a low in 2005, Park visitation continues to climb or remain steady. 2008 produced the very unusual event of an increase in camper nights coupled with a decrease in day use numbers. These two statistics usually rise or fall together, but not so in 2008 – probably due to the very rainy weather through most of the camping season.

B. Operational Highlights And Overview for 2008



Katahdin view on April 15, 2008

The winter of 2007-2008 broke a string of winters that were characterized by lean snowfall. For much of the winter, every two to three days, we had another six inches of snow or more on the ground at Chimney Pond. Once the accumulations were packed and prepared, quite a bit of catch up was accomplished on the winter hauling trails into Chimney Pond and Russell Pond. For several weeks that winter the base depth at Chimney Pond was 80" or more. In fact, patrol staff reported that on April 15, 2008, the depth at Chimney Pond was still 80". After a few nervous winters of minimal re-supply and a bit of hand wringing while contemplating alternative means to complete our winter work, we received a snowy reprieve.

As one might expect, the deep snows caused campgrounds and roads to open fairly late. South Branch Pond campground was the only Park campground to open on May 15. The last campground to open, as one might expect, was Chimney Pond on the 13th of June.

Summer camping and day use started out slowLY due to the late openings. Even though one might characterize the spring and summer of 2008 as rainy, Park use gradually picked up. Usage numbers from Togue Pond gate indicated that June had approximately one fifth, or 1000 fewer visitors than the same time last year. With rain comes drainage challenges and mud. Reports from many Park trails were of a greasy and slippery tread way.

From mid summer through autumn, better weather conditions allowed for happier campers and more prospects of gratifying day use hikes. Park usage really rebounded as did the productivity of campground, patrol and maintenance staff. As you will read below in **section V**, much was accomplished. A few notable projects included removal and restoration of the old dam at Abol Pond as well as a wonderful new trail in the vicinity of Katahdin Lake that passes by Martin Ponds.

In October, the Baxter State Park Authority initiated a pilot program for the winter of 2008 – 2009. This program opened the Dwelley Trail up to snowmobile through traffic in order to bypass a section of the BSP Tote Road. The section of tote road in question traverses the high, shaded and cold shoulder of Morse Mountain and is often the reason that the BSP Tote Road is so late to open in the summer. The pilot program will hopefully confirm that, by not packing down the Morse Mtn. section with snowmobile traffic, section of the Park road system will thaw earlier and be ready for vehicular traffic sooner.

II. PLANNED MAJOR PROJECTS FOR 2009

1. Construct a new lean-to on the east shore of West Martin Pond.
2. Construct a new moldering privy at the new West Martin Pond lean-to.
3. Construct a new lean-to on the west shore of Katahdin Lake.
4. Construct a new moldering privy at the new Katahdin Lake lean-to.
5. Complete the Nesowadnehunk Campground transition and restoration.
6. Complete restoration of the Kidney Pond library.
7. A spur trail will be built off the Martin Ponds Trail to access the Katahdin Lake lean-to.
8. Complete installation of a replacement septic system located at the South Branch Pond campground ranger station.
9. Renew a concerted effort to maintain the boundary lines of Baxter State Park.
10. Relocate and site restoration of McCarty Field lean-to and outhouse facilities.

III. SAFETY

Noteworthy safety oriented activities in 2008 include:

1. Snow was removed at the Millinocket facilities and sanding of all entrances and walkways was performed.
2. All chimneys and woodstoves were cleaned of soot and ash.
3. Park visitors were informed daily of weather and hiking conditions.
4. Mountain Patrol personnel hiked Katahdin during heavy use periods to assist, aid, and inform hikers of Katahdin trail conditions and environmental concerns.
5. Wind thrown trees were constantly removed from the Park Tote Road and trails.
6. All boats, flotation devices and canoes were checked for serviceability and repaired or replaced as needed.
7. Maine Search and Rescue teams (Lincoln, Mount Desert Island, Wilderness, Mahoosuc and Dirigo) covered busy weekends in May, June, July, August, September and October.
8. All cabins, tent sites, lean-tos, outhouses and all other Baxter State Park facilities were inspected for safety and serviceability.
9. All campfire rings were inspected to meet Baxter State Park fire safety standards.
10. Wildfire suppression equipment was inspected Park wide.
11. All search and rescue equipment was inspected to assure rescue readiness.
12. Baxter State Park personnel were involved in 36 search and rescue incidents.
13. Smoke and carbon monoxide alarms were inspected and replaced as needed.
14. 9.3 miles of trail were re-blazed for better hiker visibility.
15. Corridor definition was completed on 35.2 miles of trail to enhance visibility and safety.
16. Annual chainsaw, search and rescue, first aid and wildfire suppression training was provided for Baxter State Park personnel.
17. Law enforcement rangers received firearms usage and safety training.
18. Bridges on winter administrative snowmobile trails were shoveled regularly to reduce over load and tipping hazards.
19. A new program in which a member of safety staff and an experienced sawyer visited each duty station and facility for the purpose of reducing or eliminating safety threats from "hung" or standing rotten danger trees.
20. The 2-way radio communications equipment was repaired and replaced to enhance search and rescue operations.
21. Law Enforcement staff provided an escort for oversized vehicles bringing construction and repair supplies to and from Camp Phoenix.
22. New signage was installed to warn staff and the public of the risk of electrical shock from concealed solar array fed battery banks.
23. An old well that had become exposed on Park property at the Patten repeater site was filled in.
24. The aging and damaged service bridge on the Pogy Notch winter service trail was modified and posted in anticipation of replacement in 2009.

IV. PUBLIC RELATIONS

1. Baxter State Park personnel within the Park made multiple contacts with at least 55,439 people from May to October in 2008. This does not include numerous day use contacts at Togue Pond Beach, Matagamon Picnic Area, snowmobile riders, ice fishermen, winter campers and hunters in the Scientific Forest Management Area.
2. Baxter State Park employees assisted the public by rendering numerous services that included: transporting hikers, delivering messages, minor vehicle repairs and vehicle jump starts. Information on scenic views, trail conditions, wildlife settings, good fishing locations and similar topics was daily passed on to the public.
3. The Alpine Stewards greeted and assisted hundreds of hikers on Katahdin.
4. Baxter State Park staff participated in occasional speaking engagements throughout Maine and in the Park to assist the Interpretive Division.



Old Abol Pond Dam



Abol Pond Dam Restoration

V. SIGNIFICANT PROJECTS / NEW CONSTRUCTION

1. A new woodshed was constructed at South Branch Pond campground for use by bunkhouse campers in winter.
2. A new wood and storage shed was constructed at Chimney Pond for supply storage and use by winter campers staying in that campground's bunkhouse.
3. Both a picnic shelter and moldering privy were constructed at the southwest end of Katahdin Lake.
4. The old bunkhouse at Chimney Pond was demolished and removed in March with site restoration occurring in June and July.
5. A new lean-to was constructed to replace the old lean-to #7 at Chimney Pond.
6. Site restoration was completed at the former location of the Nesowadnehunk Field ranger camp.
7. Also at Nesowadnehunk Field, a new campground office was attached to the new ranger camp and was accompanied by a complete installation of solar array charged batteries with communications equipment.

8. Restoration was initiated at the Kidney Pond library facility.
9. The main entrance to the Park Headquarters building was nearly completed for universal accessibility.
10. The old dam at Abol Pond was removed and site restoration was completed.
11. A new section of hiking trail passing by Martin Ponds on the way to Katahdin Lake was sighted and constructed and will be ready for public use in the spring of 2009.

VI. SEARCH AND RESCUE

There were 36 search and rescue incidents that required the assistance of Baxter State Park personnel in 2008. Two of the search and rescue operations involved the use of aircraft. Refer to **Appendix I** for additional information.

VII. SPECIAL ACTIVITIES

1. Baxter State Park Rangers attended a memorial service on May 15 for Ranger Ralph Heath, who gave his life in the attempt to save another life.
2. Baxter State Park personnel hauled propane tanks in and out of the York camp lease on the West Branch Lands.
3. Assistance was rendered to Wilderness Rescue Team, Mahoosuc Mountain Rescue Team, Mount Desert Island Rescue Team and Lincoln Rescue Team by transporting search and rescue personnel and equipment from Abol Bridge on the Golden Road to Chimney Pond for winter training exercises.
4. Baxter State Park personnel assisted in the 2008 Earth Day clean-up in May on Route 157 from Millinocket to Togue Pond.
5. A variety of staff, particularly Togue Pond Gate and Katahdin Stream Campground Rangers, assisted the Penobscot Indian Nation while in the Park during their annual run of the Katahdin 100 on Labor Day Weekend.
6. Rangers assisted television personality in guiding a small film crew to Fort Mountain.
7. Mutual aid was rendered between Baxter State Park, Maine Warden Service, Maine Forest Service and other local and state law enforcement departments.
8. The Maine Forest Service assisted with new employee Wildfire Suppression Training and coordinated wildfire suppression efforts at the September Windy Pitch Pond fire in Baxter State Park.

VIII. LAW ENFORCEMENT

Baxter State Park continues to maintain a low profile law enforcement program with emphasis on education and information. Law enforcement officers are required to attend 20 hours of training each year. The 2008 mandatory training consisted of: Law Updates, Firearms training and recertification, Crime Scene Investigation and Evidence Collection, Identifying the Predominant Aggressor in Domestic Violence cases and Dealing with Developmental Disabilities. The elective training consisted of: Police Traffic Radar certification, Mental Health Crisis Intervention, Leadership for Women in Law Enforcement, Bomb Scene Safety and Procedures, Critical Incident Training and Wilderness First Aid recertification. The violations in 2008 were spread widely, ranging from watercraft to snowmobiling violations. Regular hunting patrols were scheduled in T6R9 and T6R10 townships. Baxter Park Rangers investigated nine motor vehicle accidents in the Park this year. To review the summary of court cases and law

enforcement courtesy warnings, please refer to **Appendix I**.

IX. FACILITY AND RESOURCE MAINTENANCE

Maintenance plays a very important role and continual upkeep of Baxter State Park and its facilities assures a safe and positive experience for Park visitors. Listed below are the pertinent projects completed by staff in the year 2008.



Beverley Guay standing in front of the new replacement lean-to #7 at Chimney Pond



New stairs and office porch landing at Russell Pond

A. PARK RANGERS

1. Communications & Solar Power. New batteries were installed at the Daicey Pond ranger office, a new 2-way radio antenna was installed at Trout Brook Farm, a new solar and communications system was relocated to the new Nesowadnehunk ranger camp and office, serviced all solar powered battery banks park-wide two to three times, repaired and replaced mobile and camp radios as needed and installed a new high gain directional cellular antenna at Togue Pond Camp. All Baxter Park 2-way radios were reprogrammed with updated communications frequencies. Also, a transition from analog to digital cellular communications was completed for the Park's remote ranger stations.
2. Culverts installed or replaced: Park wide, gravel and screenings were hauled for minor road and spot surfacing projects.
3. Winter hauling trails were maintained to Russell Pond and Chimney Pond Campgrounds.
4. Winter re-supply operations were completed for Russell Pond and Chimney Pond Campgrounds included bringing propane tanks, firewood, bridge repair and construction materials, requisitions and supplies into the backcountry.
5. Snow was removed from the roofs of various buildings in the Park.
6. Twelve bins of outhouse compost were removed from Chimney Pond Campground to the Rum Mountain Service Area.
7. Maintenance and upkeep of infra-red counters occurred on various tote road and trail locations to monitor snowmobile and other activity.

8. Materials were hauled by snowmobile in to Katahdin Lake for the construction of a moldering privy and picnic shelter.
9. An outhouse facility was relocated from Little East campsite to Pine Point campsite on Matagamon.
10. In April and again in May, snow was removed from the Park Tote Road in two areas: the Golden Road at Mile Marker 14 to Togue Pond Camp and Matagamon Gate to Trout Brook Farm.
11. Park Rangers assisted maintenance staff as well as contractors in repairing numerous washouts on the Park Road system in the spring.
12. Rangers assisted maintenance staff and volunteers in completing the Abol Pond dam removal and restoration.
13. Welding jobs were completed, both in fabrication and repair of heavy equipment, tote sleds, portable gates and other assorted tasks.
14. A portable gate was located at the mouth of the service road to Slaughter Pit.
15. An old dump site that was located near the old Telos gate in Baxter Park containing numerous old tires, steel and debris was cleaned and restored.
16. The old Phoenix gravel pit was emptied of formerly screened gravel and closed to future use.
17. The perimeter of the Black Brook service area was blazed, posted and painted.
18. Rotten cribbing was removed from the old Nesowadnehunk Field campground and the sites were restored.
19. An unplanned replacement of the old septic and leach field system at the South Branch Pond ranger station was 85% completed.
20. Two outhouse vaults were relocated from Nesowadnehunk Field to both the new campground area and the Rum Mountain service area.
21. To complete relocation of a campsite at First Lake Matagamon, a moldering privy was built at a former outhouse site.
22. Wood demolition and debris was burned and cleaned up at the East Branch, Nesowadnehunk, Tracy and Rum Mountain service areas.
23. Five miles of BSP boundary line was cleared, re-blazed and painted.
24. As a pilot program, the old Dwelley Road was opened up for snowmobile usage for the winter of 2008-2009. This action should allow for an earlier opening of the Park Tote Road.

B. CAMPGROUNDS

Campground Rangers routinely clean campsites, lean-tos, cabins and outhouses. These rangers remove wind thrown trees from the roads, campgrounds and trails that are near duty stations. They also patrol for litter in Baxter State Park campgrounds, parking lots, roads and trails. Picnic tables, signs, gates and sign posts are stained, repaired or replaced on an as needed basis. Buildings, lean-tos and outhouses are painted and stained by campground rangers as well as minor building maintenance such as replacing stovepipes and mending screens and screen doors. Listed below are each duty stations' maintenance projects that were beyond the routine.

ABOL: Charity Levasseur CRI, Elizabeth Roma CRI

1. Assisted with Kidney Pond cabin #6 & #7 renovation projects.
2. Assisted with firewood project for Kidney Pond and Daicey Pond camps.

KATAHDIN STREAM: Bruce White CRI, Stephanie Randall CRI, Gunter Bernardini CRI

1. Twenty-nine area road, trail and campground signs were routed, stained and replaced.
2. Gravel was spread in a number of tent sites.
3. Escort service was provided three times for a log truck hauling wood to Foster field.
4. Worked on Grassy Pond Trail relocation project.
5. Completed a living room renovation project in ranger station.
6. Set up and assist with annual K-100 Native American journey.
7. Built new informational kiosk near day use area.
8. Built a new set of bunk beds for the CRI camp.
9. Assisted Park Rangers and Maintenance Staff with various projects in November.

DAICEY POND: Matthew Martin CRI, Andrew Vietze CRI

1. Constructed a replacement canoe paddle rack and a new kayak rack.
2. Cut, peeled and installed new parking lot bumper logs.
3. Jacked and leveled the deck of cabin #2.
4. Assisted with the replacement of the deck on the library.
5. Worked on the firewood project for Kidney Pond and Daicey Pond camps.
6. Removed and reinstalled the low profile bridge over Nesowadnehunk stream at the Sentinel Mountain trailhead as needed.
7. Jacked and leveled cabin #4 due to a fallen beam.
8. Performed first log oil application and finishing touches on the new ranger cabin.

KIDNEY POND: Diane Freelove CRI, Dean Levasseur CRI

1. Performed renovation work on cabins #6 & # 7. This work included the removal of a rear pass through, construction of a rear porch and re-application of necessary roofing.
2. Logs for library and cabin #6 project were peeled and prepared.
3. Assisted with Library renovation project.
4. Replaced sill logs and decks on cabins #1 & #4.
5. Worked on the firewood project for Kidney and Daicey Ponds camps.

NESOWADNEHUNK: Mark Varney CRI

1. Old bunks were removed from ranger cabin.
2. Assist with maintenance and project work on new bunkhouse (re-roofing, relocation, build new bunks, jacking & leveling, etc.).
3. Assisted maintenance staff in construction of new campground office (adjoining ranger station).
4. Constructed tool racks, nail bins, etc., thus completing the organization of the new workshop.
5. Routine weekly patrols to Trout Brook Farm campground for scheduled coverage.
6. Assisted Park rangers with installation of new solar array charged power and communications system.
7. Assisted with cribbing removal and renovation of old campground.

SOUTH BRANCH POND: Gabe Williamson CRI, Gunter Bernardini CRI

1. Built a new boat ramp at Lower South Branch Pond.
2. Assisted with Nesowadnehunk Field bunkhouse project.
3. Routine weekly patrols to Trout Brook farm campground for scheduled coverage.
4. Installed new rock steps at lean-to #1 to help prevent erosion.
5. Built new woodshed in campground for the bunkhouse.

6. Assisted with septic and leach field replacement at ranger cabin.

TROUT BROOK FARM: Tonya Bubar CRI

1. Routine weekly patrols to Nesowadnehunk Field Campground for scheduled coverage.
2. Assisted with moldering privy construction at First Lake Matagamom tent site.
3. Occasional coverage provided at Matagamom Gatehouse.

ROARING BROOK: Joseph Auclair CRI, Bill MacDonald CRI

1. Due to a lack of road access early season, assistance was rendered at Abol, Katahdin Stream and Daicey Pond campgrounds.
2. Assistance provided on the perma-chinking of the Roaring Brook spike camp.
3. Cut, split and stacked 4+ cords of firewood to be hauled to Chimney Pond during the upcoming winter.
4. A full reorganization of the workshop was performed.

CHIMNEY POND: Tom Bell CRI, Rich Elliott CRI

1. Old bunkhouse site restoration: burn remaining wood debris, clean up non burnable items such as cement pads and fasteners, rake, seed and mulch the cleanup site.
2. Assistance with new woodshed behind the new bunkhouse.
3. Built a new propane storage platform.
4. A new lean-to was built to replace the old lean-to # 7.
5. Old lean-to #7 was torn down.
6. Assisted with the installation of digital cellular communications.

RUSSELL POND: Gregory Hamer CRI, Brendan Curran CRI

1. Lean-to #3 and #4 were stripped of old shingles and re-shingled.
2. Trail clearing (blowdowns / brushing): Caverly Lookout Tr., Wassataquoik Lake Tr. to the Lake, Russell Pond Tr. and Wassataquoik Stream Tr. as far as their Junction beyond the South Branch of the Wassataquoik Str. and N.W. Basin Tr. as far as Davis.
3. Bunkhouse project: Remove trees and brush grown up against the facility, remove the old block chimney and replace/relocate it with a new metal asbestos chimney, install a solar tube sky light.
4. Constructed a new PFD storage box for Wassataquoik Lake Island canoe landing.
5. Replaced the ranger office stairs and landing.
6. Assisted with installation of digital cellular communications.
7. Extended the crew camp metal asbestos chimney.
8. Re-shingled tent site #16 outhouse.

**ROVING RANGERS: Kathy Lusk CRI, Isaac Needell CRI,
Kerwin Whitney Acting Capacity CRI**

1. Shift coverage for provided at all duty stations in BSP (campgrounds, visitor center, gatehouses).
2. Assisted with projects and general maintenance alike at all campgrounds, Park-wide.
3. Cleaned dirt and debris from culverts along the BSP Tote Road.



October 2008, Russell Pond

C. GATEHOUSES

All gatehouse attendants assist with firewood, mowing grass, cleaning of out-houses and other projects as time allows.

TOGUE POND: Gail Curtis, Ruth Levesque, Miranda Brodeur, Geri Fraser, Marybeth Varney

1. Assisted with finishing touches on partial gatehouse renovation largely completed in the late fall of 2007.
2. Numerous sign painting details as well as other odd jobs.

MATAGAMON: Dana Miller, Marcia Anderson, Tracy Young

1. Numerous sign painting details as well as other odd jobs.
2. Assistance with campground coverage at Trout Brook Farm campground.
3. Maintenance and service performed on gatehouse lawnmower.

X. PARK MAINTENANCE AND CONSTRUCTION DIVISION REPORT

Rod Angotti Maintenance Supervisor; Albert Rickards Carpenter; Mark Roux Acting Capacity carpenter; Wayne Brooker Carpenter Assistant; Frank George Mechanic

Purchases

The following items were purchased this year:

2 new four stroke snowmobiles, for the maintenance supervisor and the SFMA Forest technician

2 new pickup trucks for the maintenance and trails supervisor and 1 used pickup for trail crew
Table saw in the Carpentry shop that has the latest blade stopping safety technology

3 woodstoves for Lower Togue staff cabin, Roaring Brook and Katahdin Stream ranger camps

2 refrigerators for Trout Brook Farm and South Branch Pond campgrounds

Brush hog mower deck

Dooryard sand spreader for the one ton plow truck

Lawn mower for Katahdin Stream camp ground

2 chain saws one for Togue Pond shop and one for the SFMA

1 pole saw for Trout Brook Farm shop



Wayne Brooker and Mark Roux working on the new office at Nesowadnehunk Field Campground.



Loren Goode, Wayne Brooker and Mark Roux repairing the Kidney Pond Camps library.

Building Projects

Millinocket

Headquarters entrance was modified to allow for better accessibility and two accessible parking spaces were installed

Replaced metal roofing on the garage entryway

South end of the Park

Removed the old Bunkhouse at Chimney pond

Constructed an office using half the porch of the new Ranger camp at Nesowadnehunk
Replaced the roof, installed porch railings and an accessible ramp on the

Nesowadnehunk bunkhouse

Enclosed haul ways on cabins 6 + 7 at Kidney pond were removed and replaced with back porches (this work was done by the campground staff good job!!!!)

Woodshed was constructed at the new bunkhouse at Chimney pond by volunteers

Daicey pond library had rotted sills replaced and the front porch was removed and rebuilt with new materials

Kidney pond library had rotted sill logs on the front (pond side) replaced

Chinking of the Spike camp at Roaring Brook was completed

Vaulted toilets at Abol beach and Nesowadnehunk campground were relocated

New vaulted toilet was installed at Avalanche field and a moldering privy was constructed at the Katahdin Lake picnic shelter

Relocated a lean-to from Foster Field to Nesowadnehunk campground

Constructed a fire escape at the Abol Field camp

North end of Park

Septic system was replaced at the South Branch Pond Ranger's camp

Replaced two doors and two windows in the Trout Brook Farm apartment

Rebuilt the front wall of the Trout Brook Farm garage and shingled the porch roof on the ranger camp

SFMA

Septic system and well were installed in the new camp location North of Webster Stream of the Brayley Ridge road.

Roads Projects

Graveled spring washouts at the top of Abol hill, Stump pond, various spots between Abol and Katahdin Stream campground and just before Nesowadnehunk campground.

Replaced a washed out culvert above the site of the old Double Top camp and replaced a culvert just before the former Telos gate.

Screened 4000 yards of gravel at Nesowadnehunk and 2000 yds. at the East Branch pits.

Applied 1200 yards (79 loads) of surface gravel to the Park tote road in the area of Fowler Ponds south and the South Branch Pond road.

Applied 1300 yards (89 loads) of surface gravel between Foster field and Nesowadnehunk Campground.

Total area surfaced was approximately 3.5 miles.

Maintenance Shop Projects

The staff mechanic spent 1861 hours in the shop and 159 assisting on field projects. Below is a summary of vehicle maintenance projects completed:

Batteries replaced – 4	New tires installed - 9
Body repairs – 1	Outboard motor repairs - 1
Brake jobs – 2	Read end repairs - 1
Chain saw repairs – 11	Snowmobile repairs - 20
Electrical repairs – 17	Vehicle Inspections - 34
Exhaust System repairs – 1	Tires repaired - 14
Front end repairs – 11	Vehicle services - 62
Engine repairs – 1	Window replacements - 1

The following are additional projects completed by the staff mechanic:

Replaced planking on both the lumber trailer and one of our snowmobile trailers

Parts used = approximately \$20,000

XI. TRAIL MAINTENANCE REPORT

Paul Sannicandro Trail Supervisor, Jeff Kimball Trail Crew Leader, Neal Padrta Trail Crew Leader, Remy Vazquez Trail Crew Leader, Russell Prime Trail Crew Leader

STUDENT CONSERVATION ASSOCIATION (SCA) CONSERVATION INTERNS

Summer Crew

Kathleen Duke – Leadville, CO	Amanda Gidasi – Geneseo, NY
Samuel Grinnell – Lincolnville Center, ME	Tom Kerchinski – St. Marys, PA
Peter Olmstead – Durham, NH	Chelsea Payne – Madison, WI
Lesley Schuster – Chardon, OH	Zachary Stoll – Collegeville, PA
Abigail Strietmann – Cincinnati, OH	

Fall Crew

Daniel Buckland – Fort Lauderdale, FL	Carly Dilworth – LaCrosse, WI
Robert Egan – Reno, NV	Tim Heil – Northfield, MN
Veronica LeCain-Clark – Washington, D.C.	Laura McCaughey – Bloomfield Village, MI
Anthony Savino – State College, PA	Daniel Williams – Austin, TX

Statistics

TRAIL STAFF WORK HOURS

(Tally of a 26 week Trail Maintenance Season)

Trail Supervisor	1160
Trail Crew Leaders	1280
Maine Conservation Corps	1533
SCA Conservation Interns	6388
Total Hours	10,361

TRAIL VOLUNTEER WORK HOURS

AMC Service Trips	424
BSP Trail Stewards	684
Colby College	72
Individuals – Trail Friends	741
Maine Appalachian Trail Club	417
MCC – Environmental Educators	66
Maine Maritime Academy	77
Tanglewood 4-H Camp	48
Total Hours	2,529

TOTAL TRAIL WORK HOURS = 12,890 HOURS

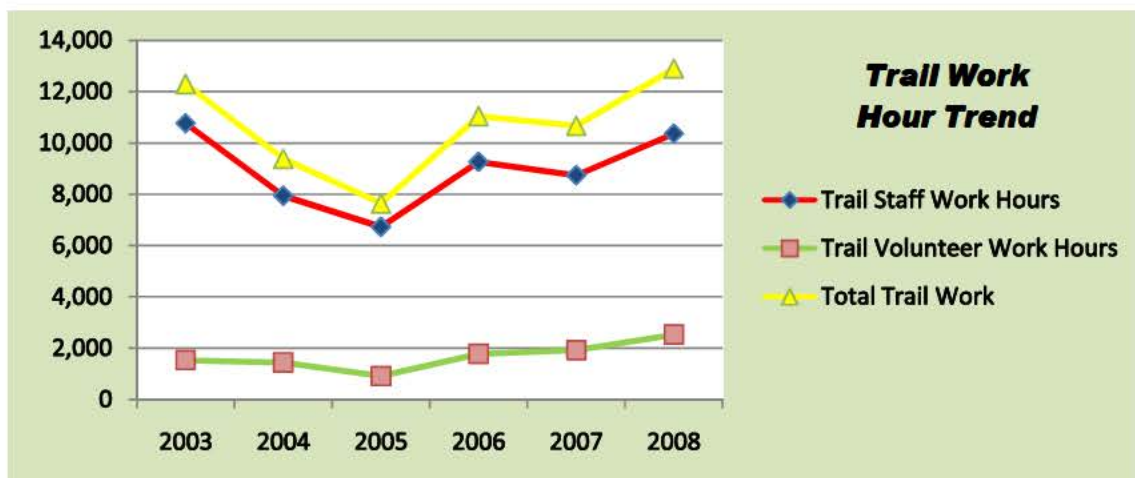
Statistical Overview

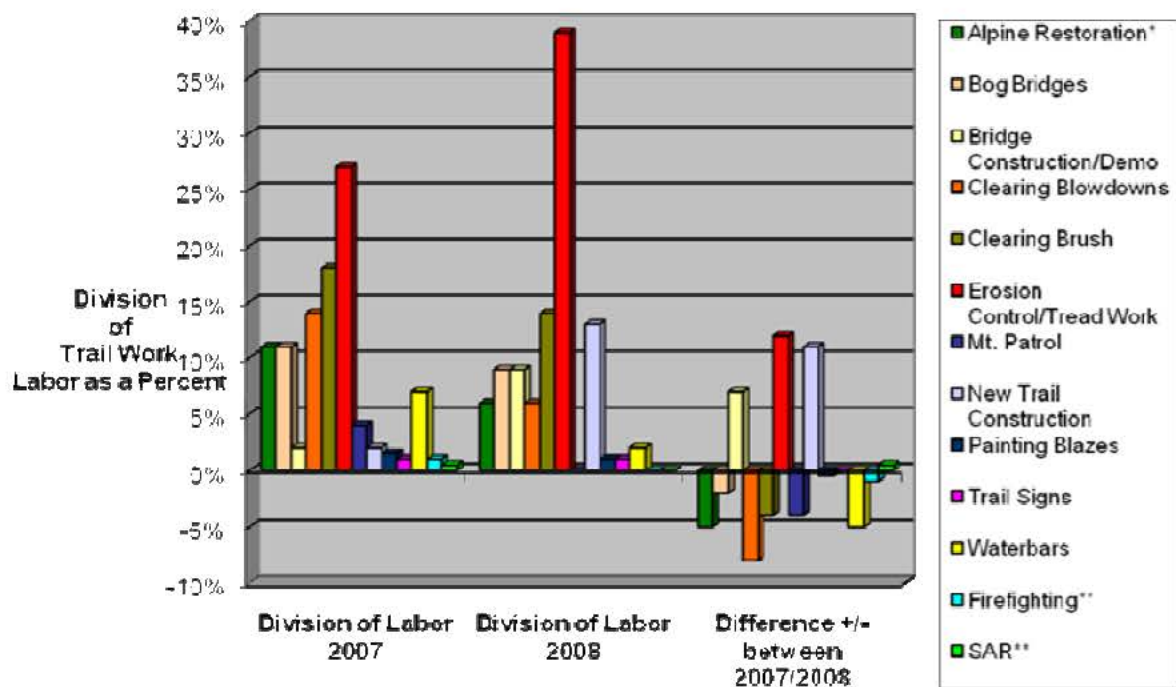
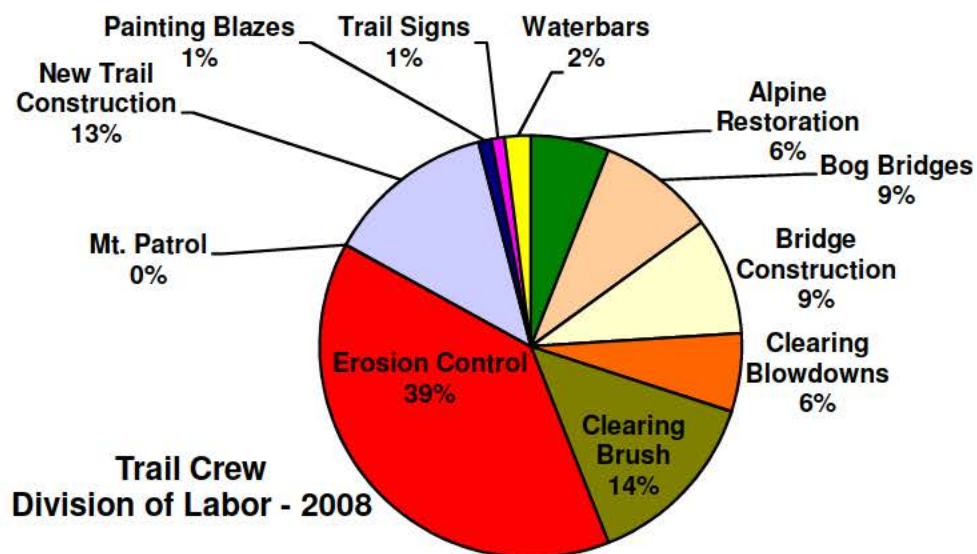
Trail staff work hours are comprised of three classified trail maintenance positions, our SCA interns and Maine Conservation Corps (MCC) contract crews. These hours are counted separately to distinguish the efforts between paid or contract trail maintenance staff and volunteer trail maintainers.

The SCA interns collectively contributed 6,388 work hours towards trail maintenance for 2008. This is a 21% gain from the 2007 total of 5,281 hours. The reason for this increase was due to a better than average recruitment effort for both the summer crew and especially the fall crew. Three more interns participated in the program in 2008, compared to the year before. The total hours contributed to the Trail Staff category for this past year was 10,361 hours. This is a 19% gain from the 2007 total of 8,737 hours. Having the Maine Conservation Corps crews for a total of seven weeks in 2008 was a key factor to increasing Trail Staff hours and executing a variety of trail maintenance projects. The increase in the MCC's presence was accomplished by creative collaborations with the Maine Appalachian Trail Club and the Friends of Baxter State Park.

The Trail Maintenance Volunteer Program continues to grow thanks to the exposure that it receives on our website. For 2008, our total Trail Volunteer Work Hours amounted to 2,529 hours. This is an increase of 31% from the 2007 total of 1,925 hours. We experienced growth in the Trail Stewards program by 60%, compared to last year's total of 427 hours. An 80% increase for Individuals in our Trail Friends program was noted. The majority of the groups listed in the Trail Volunteer Work Hour category contributed more hours than last year. Some new service groups and many more individuals were recruited this year.

Overall, our trail maintenance program had a 21% gain for the Total Trail Work Hours for our 26 week operational season. These hours sum up both Trail Staff Work Hours and Trail Volunteer Work Hours.





The Alpine Trail Rehabilitation Action Plan for Katahdin continued into its third year in the 2008 season. The trail crew spent a total of four weeks based at Chimney Pond Campground, where the focus was on alpine maintenance work which encompassed a variety of projects in an effort to stabilize soils and protect rare alpine plants in that environment. The crew, along with additional volunteer help, logged in 602 work hours in the alpine zone. Again, the first three phases of the Alpine Action Plan for Katahdin were carried out with a focus of synergizing the knowledge and experience of both the Interpretation & Education and Trail Divisions. This cooperation ensures that the interns have a full understanding of what is being protected and how to protect it.

Saddle Trail: The work accomplished in 2008 allowed for some great measurable results, culminating in the completion of the section of trail formerly known as, “the trench”. With the aid of tripods and wire rope rigging system, crew leader Remy Vazquez, summer crew interns and other volunteers worked tediously to safely transport loads upon loads of rock material to the edge of the trail, where it was stockpiled. As the process progressed and additional help became available, loads of rocks were then moved down trail to the site. By utilizing a crude stretcher and coal bags filled with rocks, the leaders supplied with the materials began instructing the crew in how to harden the treadway.

Thirty-one steps were placed, along with coping stones and edge rock to harden the treadway to an impervious state. 101 square feet of rip-rap was added to protect the edges and open walls of the trench. Over time, this application will allow alpine plant communities to gain a foot hold in the cracks of the stones, helping along the natural revegetation. Left over materials still on site will give crews the opportunity to begin tread hardening efforts without delay, when the 2009 season begins. Thirty feet of scree wall was reconstructed approximately 150 yards up the trail from the trench worksite.

Hunt Trail: The nylon masonry twine that comprises our string fence on the Thoreau Spring area of the Hunt and Abol Trails was replaced. This five hundred foot section of trail, which was lined on both sides with hardwood stakes, required 1,000 feet of string to cover both sides. An additional five hundred feet of string fence was connected to the up trail end of the pre-existing string fence. This material now extends nearly 1,000 feet within the worst braided sections of trail in the Thoreau Spring area.



In 2008, we saw improvements to the re-vegetation of the Thoreau Spring area. With just two full years of applying the string fence as a treadway delineation marker, it was obvious that it is

working. Sedges and other species of alpine vegetation are reclaiming the once disturbed areas outside of the treadway.

Bog Bridges

Appalachian Trail: Members of the fall SCA crew, along with MATC volunteers Rick Ste. Croix, Dan Day and Ken Beach, spent a day constructing bog bridges on the AT in the vicinity of Daicey Field. Approximately 88 feet of new bridging was built.

Fowler Brook Trail: The section of bog bridge between the Fowler Brook Trail trailhead and Fowler Brook was replaced by the summer crew. There were 110 feet of bog bridging built to supplant the slippery and wobbly pre-existing structures.

Katahdin Lake Trail: There were 300 feet of new bog bridges constructed on the short, but wet section of trail that leads to the day use picnic and canoe site on the south shore of Katahdin Lake.

In addition to the earlier efforts, some members of the summer crew also constructed 35 feet of native bog bridging on the trail to replace the old hardwood pallet “bridge” over an intermittent stream halfway down the trail.

Kidney Pond Outlet Trail: Crew members built 278 feet of bog bridges through the beaver flowage known as the Kidney Pond Outlet Trail.



Lily Pad Pond Trail: The SCA summer crew that resided at Kidney Pond not only constructed 96 feet of bog bridging, but they also created a wonderful canoe rack/launch at the end of the bog bridge section. The crew took great pride in developing a structure that holds four canoes out of the muck and mire that was home to the watercraft prior to the project.

Wassataquoik Lake Trail: Our fall SCA crew based their operations out of the Center Mt. Lean-to for seven days during September of 2008. During that time they replaced many severely rotten bog bridges. Because of the remoteness of this project, pre-milled materials were not an option. The crew felled trees, milled and processed all of the materials for the 240 feet of bog bridging that was constructed during that time. (Note: It takes more than double the amount of service time to construct native bog bridges as compared to pre-milled bog bridges.

2008 Pre-milled Bog Bridge Construction	872'
<u>2008 Native Bog Bridge Construction</u>	<u>275'</u>
Total Bog Bridge Construction	1,147 ft.

Bridge Construction

Chimney Pond Trail: The "High Bridge", just a short distance above Basin Ponds on the Chimney Pond Trail, received a lot of attention throughout the season in 2008. In June, the summer crew, under the direction of Jeff Kimball, re-decked 40 feet of the bridge including the main span and west approach. Spruce timbers were also felled and stripped of their bark to await the arrival of the fall crew, who later replaced a 30 foot span on the east side of the main span. The remainder of the bridge was also re-decked.

In five days time, Neal Padrta and the fall crew established a detour, disassembled the old section, transported discarded materials away from the work site, transported new stringers and materials (both manually and with the aid of rigging equipment), and assembled the new components for the final product. Total work hours contributed to the project were 503 hours.

Grassy Pond Trail: Two, 25 foot native cedar timbers were used to span Katahdin Stream in the creation of a low profile bridge on the newly re-routed section of the Grassy Pond Trail. This bridge was built in two days and was comprised of 140 work hours to complete it.



Katahdin Lake Trail: In preparation of replacing the bridge over Sandy Stream on the Katahdin Lake Trail, the fall crew felled, de-barked, and moved six stringers trailside to offer materials for the replacement. This bridge will be constructed in 2009.

Sandy Stream Pond Trail: A section of the boardwalk stringer bridges over the south outlet of Sandy Stream Pond got a facelift when cedar decking was replaced on a 35 foot section in June of 2008.

Clearing Blowdowns

This essential, general maintenance task is the first job that the crew initiates annually after completion of their training regimen. On an average season, it can take the trail crew and field staff three weeks to patrol all of the trails for blowdowns in the Park. The focus is to first clear trails that are in closest proximity to the campgrounds, for they will be the first trails to get used. Priority is also given to the trails known for the greatest hiker traffic so that hikers will not create braided trails around the blowdowns that become obstacles. Finally, our attention turns to the littler used trails that do not see a great volume of hikers and are not as prone to getting braided by foot traffic.

The trail crew clears approximately 2/3rds (145 miles) of the Park's trails and appreciates the help received from SFMA staff and rangers at their respective duty stations. It truly helps us, by enabling the crew to tend to other duties and projects. Thanks for keeping it safe!

Erosion Control and Tread Hardening

Erosion control and tread hardening projects can be some of the most technical, time consuming projects. These projects typically use rigging systems to move heavy objects and need additional volunteers to operate various stages of the projects to make them a success.

Appalachian Trail:

With the generosity of the group, Friends of Baxter State Park, BSP was able to host a Maine Conservation Corps crew to repair erosion problems on the Big Niagara Falls area of the AT within the Park. Under the leadership of MCC's Chris Bartlett, he and his crew spent two weeks constructing a stone staircase on that steep and eroded section, southbound from Daicey Pond Campground. This trouble spot has been on MATC Maintainer Rick Ste. Croix's "To Do" list for quite some time and there is no wonder why considering that the Niagara section of the AT in Baxter State Park is among the top seven hikes inside the Park.

Hunt Trail:

2008 marked the first year of an agreement between the Park and the Maine Appalachian Trail Club to initiate a cost share to sponsor additional work crews on the AT within the Park. The Maine Trail Crew, an MCC crew dedicated to Appalachian Trail restoration work in Maine, focused their skills on a segment of trail just below "Oh Joy Brook" on the Hunt Trail. For three weeks, Justin Evanylo, this crew and other volunteers from across the country gathered, transported and set rock to harden that eroded and impacted stretch of trail. Their efforts yielded 1 waterbar, 28 staircase steps as well as 25 feet of edge rock to stabilize the trail from further erosion. We look forward to the continued partnership in 2009.

The BSP SCA Trail Crew continued efforts on the section of Hunt Trail known locally as the "Stairway to Heaven". This project above Katahdin Stream Falls continues to be the most technical project requiring the coordination of at least 24 volunteers to make it "fly". This year's effort was the most successful in recent times due to the fact that our volunteer recruitment was much higher than prior years. Many of our volunteers were "repeat defenders" that stayed for the entire duration, lasting eight days. This project was also the maiden voyage of our SCA Fall Crew, who did an exemplary job learning and performing the many tasks involved in rigging lay-out and operation, rock processing and team work.

When the granite dust settled, BSP crew and volunteers (29 total) amassed a stockpile of

granite boulders and rocks totaling approximately 8 tons. This included 32 boulders and 23 rock box loads of rip-rap material that were lifted about 90 vertical feet into the air. The loads were then transported by pulleys over 250 feet of steel cable where they were lowered a few feet from the edge of the Hunt Trail. This material will be used in 2009 to continue the tread hardening efforts in extending the 240 step stairway that has secured this section of trail from erosion damage. Total work hours from all that participated were 1,192 hours for that 8 day project.

The Fall SCA Crew also spent a week on a lower portion of the Hunt Trail in October. On a steep section of trail that has been visibly eroding over the past couple of seasons, the crew was able to stabilize that grade with 4 rock steps, 3 check steps, 31 square feet of rip-rap and a stepping stone.

Katahdin Lake Trail:

Since the Katahdin Lake area became part of the Park in late 2006, there has been a greater interest in the area and more traffic on the Katahdin Lake Trail, than ever before. The Fall SCA Crew took pre-emptive measures to ensure that the two gradual hills on the trail would not suffer from erosion, and constructed 9 log water bars to drain the trail and slow down the



velocity of the water that may have contributed to accelerated erosion over time had the structures not been installed for that purpose.

Martin Pond Trail: The MCC also spent two weeks based out of the Roaring Brook Spike Camp to perform pre-emptive erosion abatement on two target areas of the new Martin Ponds Trail. The crews constructed 100 feet of side hill bench cut as well as two rock staircases comprised of 25 rock steps. These locations would have surely given away to erosion had the work not been done.

Saddle Trail: The Summer SCA Crew reconstructed 2 rock water bars on a stretch of trail just below the Saddle Stream.

South Turner Mt. Trail: The Appalachian Mountain Club continues to give great assistance on hardening this steep trail that was originally cut by the AMC back in the 1950's. As with many of the Park's steep trails, the years of visitor use and impact have created eroded conditions. These conditions need tread hardening work coupled with water diversion to sustain the trail's use. The efforts of the AMC, their membership and BSP's Summer SCA Crew resulted in the construction of three (3) additional water bars, and fourteen (14) staircase steps. We appreciate their contributions and look forward to working with them again in 2009.

National Trails Day - On Saturday June 7, 2008, the Park held its third annual National Trails Day service project. Thirteen volunteers, plus BSP's summer SCA Interns sweated it out in unseasonable hot temperatures to perform general maintenance on the Marston Trail. Waterbars were cleaned out in preparation for the hiking season as well as corridor definition efforts in the upper elevations of the trail. The demanding hike and half mile of brushing that was accomplished gave our new crew a taste of the type of work that they would be doing for the rest of the summer. Retired Rangers Charlie Kenney, Loren Goode and Ted Hansen volunteered to have a bar-be-que supper and cold drinks ready for the crew upon arrival back to Kidney Pond Campground. The event served as a training session for new Trail Stewards volunteers.



New Trail Construction - Martin Ponds Trail: As part of the Katahdin Lake Assimilation Plan, the Martin Ponds Trail was laid out early in the spring of 2008 in anticipation of blending this new route into the landscape of the Katahdin Lake area. Crews began the initial cut of this 2.7 mile trail in mid-July with help from an AMC service group. As the season progressed, so did the effort of defining the corridor, grubbing out stumps, painting blazes, creating rock steps and posting temporary signs.

Additional groups lent a hand throughout the process including MCC Environmental Educators, International Volunteers for Peace, both Summer and Fall SCA Crews and MCC Field Crews. By the end of October a total of 1,077 hours had been logged in creating this new trail that will surely become a favorite of backcountry campers and hikers alike. Work was inventoried to be done in the 2009 season which will include the construction of several hundred feet of bog bridging and an access trail to a new lean-to on the shore of Katahdin Lake.

Grassy Pond Trail: Park Campground Ranger, Bruce White coordinated several volunteers throughout the season to cut a re-route in the effort of allowing access to Grassy Pond from Katahdin Stream Campground. The new route adds 0.4 of a mile to the Park's trail system and is a welcome addition for area campgrounds to allow for multiple loop hikes. In October of 2008, Director Bissell announced a proposal to the Appalachian Trail Community to re-route the section of the AT that follows the Tote Rd., onto the new Grassy Pond Trail. This option would get AT hikers off of the Tote Road and offer a more direct route to Katahdin Stream Campground. The proposal is awaiting MATC approval in spring of 2009.

Trail Stewards

There continues to be a core group of volunteers that assists with general trail maintenance efforts throughout the Park, as participants of BSP's Trail Stewards program. Participation in the Trail Stewards program grew almost by half in 2008 compared to 2007. BSP is very thankful for their dedication and time that they have committed to the program.

The following is an overview of the general maintenance that was performed by our trails crews and Trail Steward volunteers.

Blazing	
Caverly Overlook Tr.	0.9
Grassy Pond Tr.	0.4
Martin Ponds Tr.	2.7
Russell Pond Tr.	4.0
Wassataquoik Stream Tr.	1.3
Total	9.3 miles



Corridor Definition	miles
Caverly Overlook Tr.	0.9
Dwelley Pond Tr.	5.4
Fowler Brook Tr.	0.8
Freezeout Tr.	1.5
Horse Mt. Tr.	3.5
Hunt Tr.	0.5
Katahdin Lake Tr.	3.3
Marston Tr.	0.5
North Basin Tr.	1.0
North Basin Cut-Off Tr.	0.7
North Traveler	2.7
Pogy Notch Tr.	3.8
Russell Pond Tr.	5.1
Sandy Stream Pond Tr.	1.3
Wassataquoik Lake Tr.	0.4
Wassataquoik Stream Tr.	1.3
Wadleigh Brook Tr.	2.5
Total	35.2

Notes:

1. One may notice as they review the statistics of our trail maintenance operational season and see an obvious spike in the amount of work that was done on erosion control projects. This type of work is typically more technical and the results are usually not seen in the short term, but incrementally from season to season.

The main reason for such an increase in erosion work in 2008 is attributed to the support of both the Maine Appalachian Trail Club and the Friends of Baxter State Park and their willingness to share the cost to contract Maine Conservation Corps crews. This year the MCC spent a total of seven weeks making contributions to the trails in the Park. Their presence and hard work is much appreciated and could not have been accomplished without these creative collaborations.

2. It can be anticipated that the increase in new trail development will sustain at the current reported level for the next several years. With the addition of the Katahdin Lake parcel, the plan will be to construct new trails over that landscape incrementally, with an annual effort. Continuing and enhancing the relationships with organizations such as the MATC, Friends

of Baxter State Park, the AMC and others, will ensure that the much needed erosion control work and essential general maintenance work does not get put off to the wayside.

3. With the 2009 season right around the corner, we have initiated some changes in the structure of the crews. This change is a bit more subtle this year than it may be in years to come for it reflects our departure from having the core of our crew being comprised solely of SCA Interns. The number of interns remains the same; however the financial side of this change may allow us to optimize our limited resources to look toward increasing the MCC's presence annually to supplement the variety of work that needs to be accomplished. Prioritization of projects and a fine tuning of how crews are allocated towards the division of labor spectrum will be better realized once an accurate trail inventory has been accomplished.
4. Without the volunteer program, we would have a very difficult time maintaining the trails in the Park. Thanks go out to all of our trail volunteers, newly acquainted and veteran, who gave their time to the Park's trails throughout the season. Many of the volunteers learned about the trail projects through our website. Thanks go to Betts Johnston for promoting this on the site.
5. Commitments to home and higher education became factors in Trail Crew Leader turnover in 2008. All contributions made by our crew leader staff were with 110% effort. For the short time that Jeff Kimball was here, he built a cohesive crew (Kidney Summer Crew) that was able to continue on strong after he had left. Remy Vazquez's selfless dedication to the crew, the work and the Park are much appreciated. Neal Padrta, agreed to step up from the SCA ranks and fulfill the responsibilities of crew leader with much professionalism, for the fall program. Russ Prime arrived later in the fall season, and shows great promise for his continued service into 2009. Thank you all for making 2009 a very successful season on the trail.

XII. 2008 VOLUNTEER PROGRAM

A valuable team of volunteers contributed at least 5,131 hours toward maintenance, Park operations, resource protection and visitor safety. Please see **Appendix I** for a list of volunteers.

The following breakdown of volunteer hours by division shows the collective value of the efforts of many individual volunteers.

Campground & Facility Maintenance	987 hours
Search and Rescue	1,379 hours
Trail Maintenance	2,528 hours
Scientific Management Area	140 hours
Information and Education	97 hours

C. Scientific Forest Management Area

Although there are many ways to look at teamwork in a workplace, one theory says that all teams go through a series of developmental stages – *Forming, Storming, Norming, Performing* - and must go through these stages to become a high-performance team.

When a group of co-workers first comes together - be it for a single project or a season or a longer period of time - the individuals must *form* their team by getting to know each other's work habits, styles, personality quirks and so forth. Naturally, different work habits, styles and personality quirks don't always automatically fit together nicely. Differences in these styles and traits may occasionally cause disagreements, frustrations and even resentment -*storming*. As time goes by and the group gets to know each other more, they can begin to better appreciate the strengths and positive traits each team member brings to the table. They can set aside their individual and group 'storms' and begin to function well together. Certain members of the team take on roles or tasks with which they are comfortable or to which they are accustomed and this pattern becomes the *norm*. When a team is norming, tasks get done, projects are accomplished, and everyone can be at ease in their work. Nonetheless, the status quo rarely remains so, and it is only when individual team members truly come to value differences of opinion as a means to creating a better end, are willing to take on new roles that challenge their comfort levels and are able to set aside their individual goals to support and achieve the team's objectives, that they can *perform*. Sounds easy, right? The tricky thing is that any time there is a change – a member leaves the team or a new member joins the team, even if it is only for a few weeks or months – the team dynamic has to start forming all over again.

As I write this report, spring has officially arrived, I am watching snow melt and fall simultaneously, and I am well into my third year as Resource Manager of Baxter State Park. The Park has seen a number of team-member transitions in the past several years and, consequently, a high dynamic in the team development stages. We are fortunate to have a highly-dedicated and experienced staff here and it has been – and continues to be – a great pleasure to work as a member of the Park team, as well as a member of smaller teams within the larger group.

I am grateful to all members of the Park staff who have helped me succeed: the BSP Rangers who assist with everything from law enforcement to transporting volunteer gear; the Trail crews who maintain our trails; the reservations staff who repeatedly and patiently explain the reservation process to me; the administrative support staff who cheerfully pitch in to help with all sorts of things; the VC, gate and campground staff who have all taken time to teach me about their operations and learn more about ours; the I&E folks who provide products for our kiosks, reports and presentations; the maintenance staff who keep our buildings and vehicles safe and sound; the SMFA seasonal staff, without whose tireless effort and dedication, my job would be overwhelming. I am grateful to the Park Director and my fellow administrative staff team members for their professionalism and dedication to high standards, for sharing their wide knowledge and experience, for their patience, understanding and disagreements, and for their courage in being willing to look at old issues from new perspectives.



In particular, I am grateful to Mac Browning, without whose quiet and competent persistence through all the many forming, storming, and norming steps forward, backward and forward again, our SFMA team would not now be able to perform.

I. Forest Management and Administration

SFMA Advisory Committee

The Dictionary of Forestry© (1998, *Society of American Foresters*) defines **forest management** as:

the practical application of biological, physical, quantitative, managerial, economic, social, and policy principles to the regeneration, management, utilization, and conservation of forests to meet specified goals and objectives while maintaining the productivity of the forest.

SUNY forestry professor Jim Coufal is fond of saying that in our northeastern forest types forest management isn't rocket science – it's much more complicated than that. The SFMA Advisory Committee comprises persons knowledgeable about and experienced in a wide range of forest and natural resources sciences or management and one of their purposes is to review long-term trends, issues and opportunities and to advise the Resource Manager and Park Director regarding appropriate responses to changes. The Advisors generally meet twice a year – once in the spring and once in the fall for a field visit.

The SFMA Advisors gathered for their annual spring meeting on April 1 in Bangor. The committee statement of purpose as approved by the Baxter State Park Authority was reviewed. Two new nominees to the committee, Gordon Mott and Ken Laustsen, were introduced. (Both Mott and Laustsen were appointed by the Authority at their May 9, 2008, meeting. At the same meeting, Alverson, Bryan, Troeger and Van Husen were reappointed to another 3-year term.) We said 'good-bye' to long-time committee *chair* Joe Wiley, although fortunately not 'so long' to valued committee *member* Joe Wiley. The committee elected long-term member Alison Dibble to serve as chair for the next three years.

2008 brought the resignation of the remaining charter member of the SFMA Advisory Committee. Charles Fitzgerald's recognition that his new "role" as owner of the Katahdin Lake Wilderness Camps, and therefore as lessee of the Park land on which the camps are situated, might create a perception of conflict of interest, led to his decision to give up his appointment. Charles' commitment, passion for forestry issues and long tenure on the committee will be greatly missed.

Topics of discussion at the meeting included winter operations, markets, upcoming operations, results of the fall 2007 annual certification audit, upcoming CFI plot re-measurement and plans for a fall meeting focused on the past 20 years of SFMA management. The committee also discussed at length the preliminary protocol for harvesting after a major natural disturbance.

"The ability to deal with a crisis situation is largely dependent on structures that have been developed before chaos arrives."♦

The need to culture management approaches that can accept and respond effectively to natural disturbance is recognized. Consideration of the likelihood of unpredictable events that will affect tens, hundreds or even thousands of acres of our forest in a 24-hour period – wind, fire, ice is also a factor. Although actions following unexpected events may be effective, the real possibility exists that unconsidered reaction can make the situation worse, not better. When dead and dying trees litter the landscape, foresters see the clear potential for lost

♦ Pat Lagedec, in Managing the Unexpected; Weick and Sutcliffe, 2002, Wiley & Sons

volume and product value. Consequently, the urgent need to act quickly can – and usually does – dominate thinking.

*“...there was an immediate sense of urgency, stoked up by the press. Action was substitute for thought. All through that very wet winter, machines galumphed through the woods, getting out timber which was sold at bottom prices.....”**



Current and former advisory committee members and U. Maine graduate students discuss shelterwood management.

Avoiding unconsidered reaction involves developing guidelines for harvesting after a disturbance. It seems prudent to think through these guidelines now as opposed to immediately after the forest has experienced a significant disturbance. One of the great difficulties in developing such guidelines is the tendency to want to define actions that will take place based on the condition of the forest following an event that hasn't yet occurred. This has led us to the concept of setting minimum retention targets that, at the least, will prevent us from inadvertently destroying all vestiges of ecological integrity.

On a brilliantly beautiful September day – current and former members of the committee met for a “retrospective” SFMA tour. The time period during which tour participants had been involved with the SFMA ranged from the early 1980s - when the first SFMA management plan was accepted - up to the present. The group was joined by University of Maine

graduate students in the Industrial Spruce-Fir Ecosystem class. (The professor, Dr. Robert Seymour, is himself a former advisory committee member.)

Topics of discussion included forest-harvesting labor, access, markets, late-successional forest characteristics, forest protection, spruce budworm outbreaks, carbon storage, climate change and – of course – silviculture. The level of experience and expertise present was vast and truly enjoyed by all.

Forest Data and Information Management

In addition to all of his other duties, Mac Browning devoted considerable effort during the spring / early summer to updating the riparian zone layer of our geographic information system (GIS). Riparian zones are defined as: terrestrial areas, other than a coastal area, of variable width adjacent to and influenced by a perennial or intermittent body of water. We map and manage such areas separately because they often serve unique ecological functions in the forest matrix.

The riparian zones initially digitized into MapInfo encompassed wetland areas. Since obtaining high resolution digital imagery of the SFMA, however, bogs, swamps, etc. can be outlined and placed on a separate GIS layer with a high degree of accuracy. Although the process is straightforward, it is nonetheless tedious and time consuming and requires a very high level of concentration and flawless attention to detail. The completion of this project gives us more

* Rackham, O. 2001. Trees and woodland in the British landscape. Revised edition. Phoenix Press, London.

precise information regarding the acreages of wetland and riparian areas on our forest and when we begin to process inventory data collected in these stands.

We have also begun work on refining our cruise protocols – those methods whereby we collect inventory data that help us understand what species and numbers of trees, as well as the volume of wood, are growing in the SFMA. We were fortunate to be able to purchase new, 'high-tech' measurement equipment that allows us to gather more data, with greater accuracy, more quickly and efficiently than before. This will lead to better estimates of standing volumes and to more accurate projections of current and future growth potential, both of which are important to short-term operations planning as well as long-term management planning.

CFI

Continuous forest inventory (also called dynamic sampling) is: any form of forest sampling designed to discover significant changes with time, particularly seral changes of increment.

It would be impractical for us to measure trees on every acre of our forest, so a set of 114 CFI plots were established in the SFMA from 1996 – 2000. These permanently located plots are intended to be re-measured once per decade. We chose 2008 for the first re-measurement since it falls in the midpoint of the 10-year time frame since the plots were established.

The data collected from our CFI plots is relied upon to give us a representation of how our forest has changed over the past eight to twelve years. Dead trees that were standing (snags) may now be lying on the ground (coarse woody material). Trees that were alive may now be dead. Trees that were measured previously may have been harvested. Trees that were measured previously and are still alive have grown larger - we hope! Trees that were too small to measure last time may now be large enough to be counted as part of the inventory.



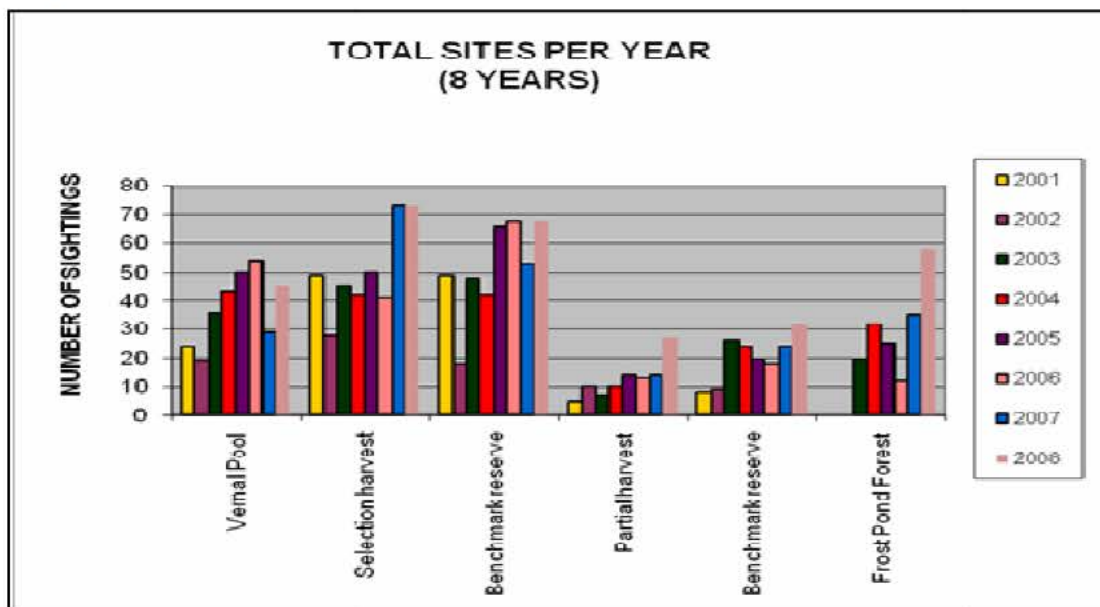
A typical CFI plot in the SFMA.

Approximately half the plots were measured in 2008 and the remaining half will be measured during the summer of 2009. A considerable amount of thought went into the initial plot design and the decision was made to mark the trees on each plot with a scribe at breast height, but not to paint numbers on them. The decision was based on the experience of other landowners. In theory, when an area is scheduled for harvest, the area within the plot is supposed to be treated exactly like every other part of the harvest area. Human nature being what it is, however, when a forester marking timber or a logger following a prescription encounters trees with big numbers painted on them, the tendency is to leave them standing because they are "special". If this happens, the value of the plot as representative of what has happened on the surrounding area is lost because the plot itself has not been treated without prejudice.

Nonetheless, initial re-measuring of the plots found in many instances that it was often difficult to match each individual tree on the plot with its identifying number on the prior tally. This was due in large part to the fact that much of our forest is relatively homogenous – that is, the plots rarely have more than a few species on each plot and trees are often similar in size. In order to have accurate growth measurement of each tree – a concept critical to the purpose of a continuous forest inventory – it is necessary to be certain that the tree you are measuring now

is the same tree that was measured previously. Thus the time required to re-measure many plots was greater than anticipated. We therefore made the decision to number the trees discreetly with paint below stump height and to map the location of each tree on a plot by measuring and recording its distance and azimuth from plot center. Although this has added time to our first re-measurement, we hope that the next re-measurements will proceed more efficiently, more economically and with greater accuracy.

Monitoring



Utilizing cover object arrays (COAs), 2008 marked the 8th year of monitoring the presence of upland salamanders. Each monitored site consists of an array of small boards placed directly on the forest floor. The cover objects provide a cool, moist site for salamanders to rest. The purpose of the monitoring is to determine if our management activities may be affecting populations of these sensitive wildlife species. At almost all sites, we noted an increase in sightings – just opposite of what we expected given the high amount of rain, although we did also have some very hot weather, which despite the high moisture conditions may have caused amphibians to spend more time under cover during the course of the summer.

In the winter of 2008 we began utilizing the Maine IF&W track survey protocols to monitor for the presence of Canada lynx in the SFMA. This involves snowmobiling 50 – 80 kilometers of unplowed road 24 – 72 hours following a snow event, watching for tracks and, if found, recording a number of measurements, marking a GPS location and photographing the tracks. Unfortunately we did not experience any ‘trackable’ days on which we were able to conduct surveys this year. However, Mac Browning was the first to *sight* a lynx in the SFMA. Opportunely, the cat had recently deposited scat on the log where Mac observed him sitting. He was able to collect it so we could send it for analysis, which will tell us if it was a lynx or a lynx-bobcat hybrid.

For the past few years, we have collaborated with the Health and Monitoring Division of the Maine Forest Service to put out spruce-budworm traps. To date, the collection has not indicated elevated levels of this endemic forest insect, populations of which have historically reached outbreak levels at 50 – 70 year intervals. The last outbreak collapsed in the 1980s.

During the summer of 2008, we also put out three milk carton traps set with DisparLure, the synthetic analog of the gypsy moth female sex pheromone*. After the traps were collected, MFS entomologists identified approximately 900 male gypsy moths – about 3 times more than they had anticipated. The high moth counts strongly indicated the presence of an established population in the SFMA. In October, USDA APHIS, MFS, and MDA staff returned to the trap



Photo from USDA Forest Service Archives

sites to look for other life stages of the gypsy moth. Within a half-hour of beginning the search, a healthy egg mass was found on a standing aspen, which confirms the presence of a reproducing population.

The gypsy moth was introduced into this country from Europe in 1869 and now occurs generally throughout most of the northeastern U.S. During favorable conditions outbreaks may appear suddenly and continue for two to five years in any one location. The favored host trees are oak,

poplar and gray birch. The young caterpillars will feed on most hardwoods except ash. After becoming half-grown, they then become capable of feeding on all conifers except fir. Natural control factors such as starvation, disease, parasites and predators eventually combine to bring about a sudden collapse of these outbreaks. Prolonged sub-zero temperatures can also kill over wintering eggs not insulated under a snow cover. Most healthy hardwoods can usually withstand one to several years of severe defoliation by the gypsy moth. However, white oak is very vulnerable to this pest and hemlock and pine can be killed in one season when 90 to 95% of the foliage is consumed.

We were surprised to learn of a reproducing gypsy moth population so far north and will work with MFS entomologists to place and monitor a greater number of traps during the summer of 2009. Traps will be located throughout the SFMA as well as at strategic locations in the sanctuary portion of the Park.

Forest Certification

In deeding the land that comprises the SFMA to become a part of Baxter State Park, Percival Baxter expressed his wish that:

“All harvesting of said products shall be done according to the most approved practices of Scientific forestry....”

Since initial Forest Stewardship Council certification as a well-managed forest in 2000, the SFMA has undergone one recertification and six annual audits – also known as surveillances in the forest certification auditing vocabulary. The audits are conducted to verify our compliance with FSC standards of practice. Due to re-organizational changes in our current certification contractor’s business units, as well as logistical and scheduling conflicts, our 2008 annual audit was postponed and is scheduled for May of 2009.

* A pheromone is a chemical substance secreted into the environment by one individual for the purpose of influencing the behavior of other individuals of the same species – note females secrete sex pheromones to attract mates.

Although certification is beginning to play a role in marketability of harvested wood for larger landowners, the fact that the SFMA is a small player in the overall wood products market in our region means that our own certification is rarely a determining factor in whether or not we are able to market our wood – even in these difficult economic times. However, certification remains an important consideration for us in that it provides an independent, third-party assessment of our forest management.



Although our current certification does not expire until March 2011, we have begun to consider a number of factors that will influence how we may approach that process when the time comes - including careful selection of an audit team that will help us evaluate rigorously the elements we consider crucial to the most currently approved practices of scientific forest management.

Future Challenges

That decisions forest managers make today will influence forest composition and structure – and thus future management options – well into the future is a reality. Yet it is one over which a manager has control. Other factors that will influence the forest condition – weather patterns, disturbance events, the global economy, climate change, movement of non-native species, social demand for various forest products – are among those over which an individual manager has little influence. Nonetheless it is incumbent upon us not only to remain informed about our current forest metrics, but to stay abreast of emerging market trends and new research results.

As BSP moves into the fourth decade of active management on the SFMA, there are a number of issues that will need to be considered and changes of previously typical methods of conducting our forest business may have to be made:

- ◆ Climate change and the potential for changing weather patterns and climate-influenced vegetative changes on the landscape.
- ◆ Changes in energy production and consumption that may not only alter the product markets, but also influence the type and capability of the equipment mix available to cut our wood and maintain our roads.
- ◆ New and atypical markets that seek (and will purchase) ecological services rather than solid wood products.

All of the above notwithstanding, growing trees to produce high-quality timber and maintaining a healthy forest that can provide a diversity of values will continue to be our primary focus.

Questions about the biological maturity of much our timber resource and new research from the University of Maine concerning Canada lynx and American marten as umbrella species, as well as operating concerns (see Harvesting section below) indicate a need to examine the economic, productivity and ecological issues associated with an approach that moves toward creating larger areas containing a single developmental stage - with various levels of overstory retention - scattered around the landscape, rather than trying to develop uneven-aged conditions on every acre. Such an approach would continue to include the matrix of reserves, benchmarks, and riparian areas that have a non-management or different management focus,

as well as retaining connectivity of mature forest cover across the landscape, but could increase overall growth and expand our operability options.

There will also be a need to evaluate the current data collection and geographic information system capabilities and the value of adding new tools, such as LMS (a modeling program that combines inventory and GIS data), that can assist in longer-range planning efforts, as well as the pros and cons of measuring a portion of our CFI plots each year versus all of them at once every decade.

II. Forest Operations

Pelletier Brothers, Inc.

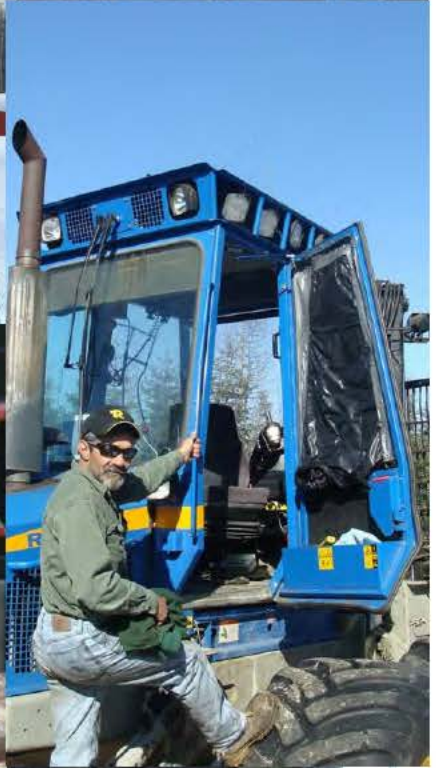
A critical element of successful forest management is the contractors who carry out the management directives. We are extremely fortunate to have a long-term working relationship with our primary contractor, Pelletier Brothers, Inc..

From the early 1990s until this year, the majority of road construction and harvest operations have taken place in the 'south end' of the SFMA and contractors' employee have been lodged in the SFMA crew camps, which are located on the Hemlock Road, just east of the southern entrance to the SMFA. During the next few years, however, in anticipation of a majority of harvest activity will be conducted north of Webster Stream and the drive out of the Park onto the Telos Road, then back into the Park via the Coffeelos Road is over twenty miles. Thus, the primary contractor, Pelletier Bros., Inc., spent the end of October and early November doing site prep and moving buildings so that their crews now have a new "home away from home".



The New Camp Road & crew camp north of Webster Stream.

As always, our hats are off to the hard-working folks who take in stride the heat, dust and biting flies of summer as well as the bitter winds, icy roads, prolonged periods of sub-zero temperatures, frequent snowstorms and long, dark hours of winter to grade and plow the roads, move equipment and harvest, yard and transport our wood dozens of miles to the wood yards and mills that purchase raw material from us, as well as to the office personnel who meticulously track the hundreds of trip tickets and scale tickets that are necessary for recording and documenting each load of wood.



Harvesting

An extremely wet May and June, combined with a large snow melt, delayed the start of summer operations to as late as anyone can remember. July and August also saw higher than normal rainfall. The amount and duration of precipitation caused us to take an unprecedented step of shutting down the forwarding portion of our operation in August. Many years ago, everyone knew there was a mud season in the spring. More recently the fall mud season has caused a cessation in the harvesting operations, usually in November and December.

Foresters, loggers, equipment operators and wood buyers throughout northern and western Maine were shocked at this summer's mud season and the repercussions were felt throughout the forest products economy from the loggers and truckers who were unable to work to the mill workers who had unexpected vacations due to a lack of raw material with which to operate their facilities. Continued rain through the fall months caused a shutdown of operations in November. Snowfall began in early December and although the ground remained unfrozen, the depth of snow allowed harvest operations to resume in mid-month. Temperatures remained cold throughout the winter and although snowfall was considerably less than the previous year the lack of warming events allowed us to continue operations through the end of March and thus finish harvest of our planned operating blocks.

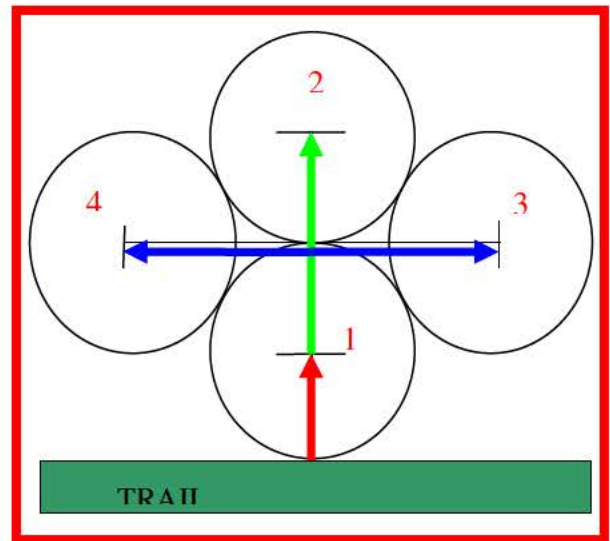
Anecdotal evidence, as well as climate data, indicate a trend towards more days with cloud cover and increases in precipitation at northern latitudes over the past decade. Many landowners have a variety of terrain types across their ownerships, which allow them to move operations to "high" ground during prolonged periods of wet weather. The northwest corner of Baxter State Park, however, has very few locations where saturated soils can be avoided. Additionally, BSP's management approach, which is driven primarily by silvicultural objectives, does not easily accommodate decisions to harvest stands based on solely on weather and ground conditions. Given that the majority of soil types in the SFMA are somewhat poorly to poorly drained, we always hope to maximize our production during the summer months - when actively growing trees pull a lot of moisture out of the ground through the transpiration process - and the winter months when the ground is frozen and deep snow helps cushion the impact of heavy harvest machinery. Typically, rainfall in Maine has averaged about three inches per month, but recent trends of four to six inches a month have the potential to hamper our ability to operate without undue disruption of the soil layers in skid trails.

As updating the management plan begins in the coming year, a reassessment of "typical" operating seasons will lead us to consider ways in which production and income goals can be met within the increasingly shorter periods of operating time. Approaches may include increasing the number of crews working in the height of summer and the winter and the investigating use different types of equipment. Since the processors that cut the wood create less soil impact than does the forwarding equipment, another approach might be to continue harvesting during wet periods, leaving more volume in the woods, and then employing a larger number (or double shifts) of forwarders during the driest and coldest times of the year.



Continued employment of the single-grip processor in small-gap harvesting - using this method for removing the overstory of previously treated stands which have developed abundant regeneration in the understory. Removing the overstory in stages is intended to lead to a more multi-layered (versus one or two-layered) stand structure across the forest over time. Additionally, due to the predominance of somewhat poorly to poorly drained soils with depths to water table of less than 24 inches, harvest entries that leave mature trees evenly distributed but widely spaced across a stand often lead to wind throw and subsequent loss of merchantable volume. By removing the overstory in patches and leaving a matrix of more closely spaced stems in between the patches, we hope to minimize wind throw losses. This is also a more productive approach for the harvest machinery and reduces the number of trails in a given harvest block.

Although the clover-leaf configuration we have employed is quite efficient for the harvester, protecting regeneration is somewhat problematic since it is more difficult to place the processed logs on the ground so that the forwarder can travel into and out of each circle and also be able to reach the wood. It is intended to continue to work this problem with the harvesting crew and test other configurations that will lead to the same irregularly shaped harvest patches, work as efficiently for the equipment, but afford less damage to the developing new stand.



The crowns of the ± 20 year-old softwood regeneration in these second-entry stands are generally at the height where the processor head operates – five to fifteen feet off the ground have been noticed. This may also be one of the reasons higher levels of damage to the understory than we would like have been observed. As we move forward in thinking specifically about the operations for the next twenty years, consideration will be given to the question: would it make more sense to adjust the timing of our second and third stand entries to, for example 10 years and 30 years versus 20?

Access

With the majority of access already completed in the SFMA, a primary challenge now is the upkeep of the extensive road network. In this climate, vegetation is prolific and grasses and



other herbaceous species begin to grow quickly on unused or little used road surfaces. Annual maintenance of eighty miles of logging roads is prohibitively expensive, so generally attendance is given only to the major arteries and the secondary access roads that will be used in any given year. Having been unmaintained for many years, “rehabilitating” the road network north of Webster Stream presented some unique challenges for the grader operators. Their

efforts to clear the roads of vegetation without clogging the ditches were hampered by over-ample rainfall during the early summer when this work was taking place.

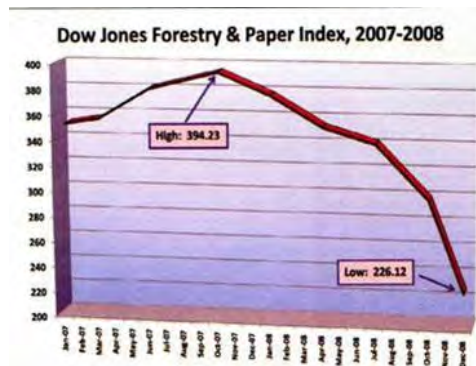
We did notice that the normal travel action of the harvesting equipment went a long way towards uprooting existing vegetation and so will experiment in the future with harvesting first, then grading some of the roads to in hopes of achieving a better result at less cost.

Wood Products Markets

The U.S. Commerce Dept. began publishing records of monthly housing starts in 1959. In December, it reported that housing starts had fallen to their lowest level since then. In January, the decline continued with starts down 56% from January 2008. There has been a particularly steep decline in the Northeast, which has unfortunately led to cut-backs and shut-downs at mills throughout New England and Atlantic Canada. Maine, New Brunswick and Nova Scotia have been particularly hard-hit with temporary or permanent slow-downs and closures of mills. Newfoundland, Quebec, Vermont and New Hampshire have also seen numerous shutdowns. As a rule, we market our wood locally, but that market is greatly influenced by what is happening throughout the region. The decline began with the loss of the hardwood pulpwood market last fall; through the winter, the loss of studwood and then the softwood pulp markets. It is expected that mill-delivered prices will generally continue to drop or remain level for the foreseeable future.

The terms of our Contract Logging Service (CLS) contracts include an inflation clause with annual increases tied to the U.S. Labor Department's CPI indices. Thus, while mill-delivered prices for our wood hold steady or decline, the cost to produce those products has continued to increase.

Together with more frequent weather-related operational shut-downs, which reduce the total amount of harvested volume, the combination of reduced sale prices and increased CLS costs is gradually eroding our ability to produce significant revenues to support Park operations. We can do little to influence the profitability of the forest products business sector and less to influence the weather. BSP will, however, be considering means to augment the traditional contractor force during the times of year that we are able to produce wood in order to meet annual target harvest levels in the coming year.



III. Seasonal Staff & Volunteers

Kevin Osborne returned to the SFMA for his fifth consecutive year, working from May through November. His many contributions to successful operations this past year included: cleaning campsites, clearing roads of wind thrown trees, cruising operating blocks, helping with preparations for the re-measurement of our Continuous Forest Inventory plots, assisting with measurement of CFI plots, assisting with BSP chainsaw training sessions, collecting salamander monitoring data, distributing and collecting water temperature probes, preparing for the Maine teachers' tour as well as our SFMA Advisory Committee Retrospective field tour, replacing road and trail signs, filling and moving sand bags for the Hudson Pond lean-to site improvement project, trail maintenance, building maintenance, setting out and collecting spruce budworm traps, mowing roadside brush and assisting with BSP staff tours, among other things.

In September Kevin once again demonstrated his versatility when an unexpected shortage of campground rangers created a temporary need for additional staffing at Roaring Brook. His willing flexibility to fill in where he was most needed in the Park, even though it was outside his normal work area, was very much appreciated by all.

David Hodge, now a junior in the forestry program at U. Maine, and Nick Shown, a forestry graduate from Unity College, assisted with forest inventory, planting projects on the Wadleigh Bog Trail and the Katahdin Lake parcel and measurement of continuous forest inventory plots in July and August. Tom Perry and Michael Puleo, both graduates of the forestry program at the University of Maine came to us with a good deal of experience collecting forest research data and spent six weeks measuring CFI plots during September and October.



Volunteers

Baxter Park relies on volunteers to help us with many projects throughout the year. While the SFMA doesn't have a lot of volunteer labor, we are nonetheless very grateful for those who do spend their time helping us – often with atypical projects. In addition to Jim Hamlin who happily spent 50 hours mowing roadside brush, Tracy and Kevin Osborne spent 80 hours between them helping us winter-haul propane and other supplies to the Webster Lake camp, sand bags to Hudson Pond lean-to and bog bridging on the Hudson Pond Trail.

The most unusual project involved the processing of SFMA-harvested spruce logs into quarter sawn lumber. Thanks to Harry Whelden, Bob Seymour, Kate Zellers, Chris Zellers, Chris Guiterman and Julia Briedes these boards, now properly stickered and drying will eventually be moved to Park headquarters in a different form.



IV. Information & Education

Typically, outreach efforts by SFMA staff consist of tours in the forest.



Mac Browning and Kevin Osborne reached out a bit farther in early June representing Baxter Park at Children's Day at the Maine Forest & Logging Museum at Leonard's Mills in Bradley. Groups of students of all ages from throughout the area visited the museum and moved between learning stations

throughout the day. Although this type of event can be a lot of work, both enjoyed the opportunity and we hope to continue to do more of this type of outreach in the coming years.

In July Marcia Williamson ably assisted us in hosting one of the Maine Tree Foundation's annual Teachers' Tours for a half-day of their three-day visit to northern Maine. Last year's completion of the Lynx Road, which connects the Wadleigh Mountain Road to the Tote Road, made this possible, since otherwise the time required to access the SFMA from the west would not have been practicable. Many Park employees were somewhat surprised to see a tour bus traveling between Matagamon gate and the Lynx Road – but the unique chance to inform this diverse group of educators from around the state of Maine about BSP's mission and management was one we very much appreciated.



We were able to return the favor by assisting Marcia in hosting a short tour along the Forestry-in-Action trail for College of the Atlantic students and staff in September. The tour began a longer Park visit for the group focused primarily on back-country hiking. The visit was part of an integrated semester during which students combine studies in conservation policy, amphibian biology and experiential education.



We particularly enjoy the opportunity to interact with forestry students and look forward to the annual visit from University of Maine at Fort Kent students who also visited the SFMA in September. UMFK faculty member Jeff Dubis brings his class to the SFMA as part of their week-long forestry-camp experience.

University of Maine School of Forest Resources students in a Parks, Recreation and Tourism interpretation class taught by Dr. Jessica Leahy, came to the Park in early October. Their visit was

part of class requirement for a service project designed to allow them to:

- learn and apply the principles of environmental interpretation
- develop an appreciation of the role of interpretation and environmental education in problem solving to achieve resource management goals
- work with and listen to "clients" to learn their interpretive needs and develop a project



This project was a joint effort between SFMA and I&E staff and Dr. Leahy – and the students, of course – with the benefit to us that the students created interpretive products for the Forestry-In-Action Trail. For our part, we enjoyed the opportunity to interact with the class in a way that went beyond our usual role as tour leaders and apparently the exercise was a success for the students as well. In evaluating the project, Dr. Leahy noted: “My students really had a chance to learn and apply the principles of environmental interpretation through service learning at the SFMA”; and the students rated

the class extremely highly “because they got to go into the forest and do something real for a real organization”.

There is not room to include all the project results, but two examples are included here:

Trees require different amounts of light for getting started and growing in a forest!

1.) If all plants received equal amounts of light, some species would not survive.

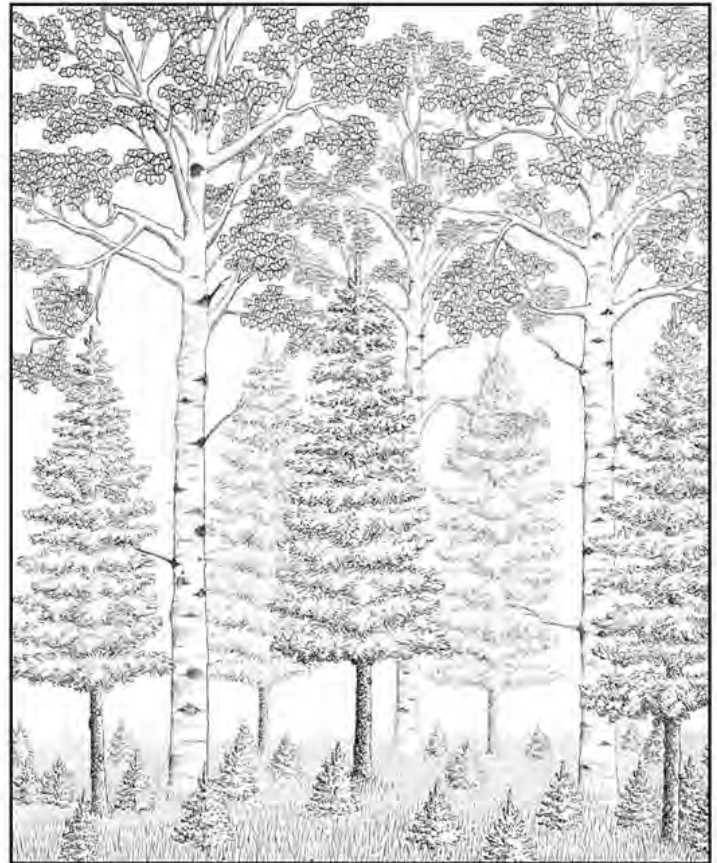
Just as people have unique needs, plants have different requirements for getting started and growing. One requirement shared by all plants is light, but the amount of light needed to be able to grow well varies by plant species. In fact, if all plants received the same amount of light, some species would grow sick or maybe even die.

2.) Plants are usually classified as shade tolerant or shade intolerant.

Plants that are shade tolerant are capable of growing in shady conditions where they receive very little light. Balsam fir and red spruce are tree species growing in this forest that are considered shade tolerant. Plants that are shade intolerant require a lot of sunlight to grow and generally can't handle shady conditions. Trembling aspen and paper birch are examples of these shade intolerant species growing in this forest. Forests are able to contain more species than they would if all plants had the same light requirements.

3.) Foresters understand the needs of different plants and manage accordingly.

Foresters base their management decisions upon knowledge of tree and plant species' needs for shade and other requirements. For example, trembling aspen and red spruce can both grow in the same area at the same time. Since red spruce trees are very shade tolerant, they can easily become established under the canopies of trembling aspens, which require much more sun. Once the aspens grow large enough, they can be harvested, allowing room for the red spruces to grow larger and be harvested in the future. To the right is an illustration of red spruce trees becoming established in the shade of trembling aspens.



The trembling aspens, a fast growing species, have provided the shade that is helpful for establishment of red spruce trees.

Scientific Forest Management Area

Percival Baxter's Vision Of Forestry

Goals of the Scientific Forest Management Area

When Percival Baxter created Baxter State Park it was his vision to preserve its wild beauty and character. He also saw an opportunity to display the possibilities of scientific and experimental forestry to the forest's of Maine. Percival Baxter set aside the 29,587 acre Scientific Forest Management Area (SFMA) to show that it could be done. It is the goal of management to produce high value wood products while maintaining a healthy and diverse forest for wildlife and recreation opportunities.

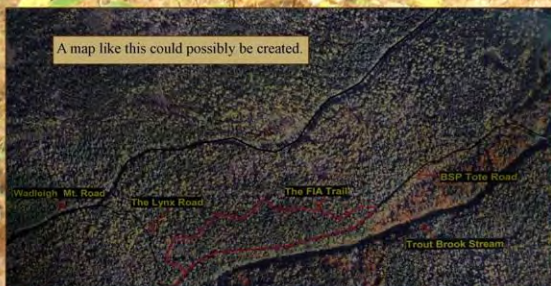


Scientific and Experimental Forestry

The forestry techniques used in the SFMA are constantly evolving. Forest dynamics are constantly changing and are on a much longer life cycle than humans. New techniques are developed overtime with the ultimate goal of meeting the needs of the Park while mimicking the natural processes of nature. The forestry practices here are on full display for all to observe for educational purposes. This includes a Forestry In Action Trail (F.I.A.) which displays some of the forestry methods that have been used and are here for students, foresters, and the people of Maine and beyond to observe.

Maintaining A Diverse Forest Landscape

The diversity of a forest is often used to measure the health and vitality of the forest landscape. The presence of some wildlife species such as frogs and salamanders can indicate the health of an area. Their permeable skin can sense the slightest changes in the environment. The SFMA monitors the presence of salamanders in the area as one way to measure the health of the forest. These techniques are on display at the F.I.A. trail and other parts of the SFMA. There are also many species of plants, trees, and fungi at their different life cycles. Look and you may learn some of the many living things that are in our forests today.



Come and see the SFMA and F.I.A. Trail

For those interested in the many educational and recreational opportunities available in the SFMA come and visit the northern end of Baxter State Park near Trout Brook Farm. For those who would like more information or to arrange a field tour you should contact the Resource Manager or visit our website at www.baxterstateparkauthority.com.

"It has long been my purpose to create in our forests a large area wherein the State may practice the most modern methods of forest control reforestation and production"

Percival P. Baxter, 1955



Conceptualized by Clint Sochulak

V. Recreation

Extraordinary precipitation events in the Allagash Waterway watershed led to high water conditions on Webster Lake and Webster Stream throughout the summer as Telos Dam gates remained open. These conditions led to collapse of approximately a 100-foot long stretch of bank along the Freezeout Trail as well as flooded conditions for hikers on the trail periodically through the summer. SFMA staff members Mac Browning and Kevin Osborne were called on to assist a group of canoeists from Camp Kiev one morning in early August after two of their canoes were unsuccessful negotiating the rapids in the Telos Cut. Following this incident, the stream was closed to canoeists for the first time in any of our memories.

Hudson Pond Lean-to Site Improvement

The Hudson Pond lean-to is located in a pleasant hardwood stand on the hillside north of the pond. Since it was first constructed in 1996, however, annual complaints have been received about the muddy, wet conditions immediately in front of the lean-to. Consequently, discussions about a potential relocation began in 2007. In July, members of the administrative staff, accompanied by Stewart Guay and Mac Browning hiked into Hudson Pond to view and discuss the lean-to site.



using textile fabric - similar to that used in road construction through wet areas - and gravel.

One of our fall projects was to fill 200 sand bags with gravel from the pit on the Hudson Gap Road and move them to the end of the Hornbeam Road. The bags were winter- hauled into the campsite. During the coming summer, geotextile fabric will be secured on the site and the bags will be emptied and the material distributed. We hope that this will alleviate mud problems for campers by providing a dry, natural surface in front of the lean-to.

In addition to the lean-to site improvement project, a short section of the Hudson Pond trail was relocated. Previously, the trail location did not provide any views of or access to the pond. The trail relocation now affords hikers a water view without detouring to the lean-to.

Additional future improvements to the Hudson Pond Trail will include installation of bog bridging, which was also transported this winter.

Webster Stream Lean-to

After visiting the current site as well as a potential relocation site, we concluded that the nature of the soil type in the vicinity would likely lead to the same sorts of problems regardless of where the structure is located. Thus it was decided to try to improve the area in front of the lean-to



60 contemplates lugging 200 bags of gravel!

Camper use data show that the Webster Stream lean-to receives relatively little use. A review of the site in 2007 led us to consider relocation. Mac Browning did some preliminary work to see if it might be possible to move the lean-to closer to the stream in order to take advantage of the scenery and a bit of a breeze. Further discussion led us to consider relocating the lean-to to a site overlooking the bog on the Wadleigh Brook Trail south of Blunder Pond. However, due to the construction techniques used to build it, the probability of deconstructing, moving and reconstructing this lean-to without major difficulty is low. We have therefore decided to leave the Webster Stream site in place for the time being. A site has been located for a new lean-to on the Wadleigh Brook Trail. Materials for that lean-to will be set roadside during the coming year, then winter-hauled to the site and construction slated for the summer of 2010.

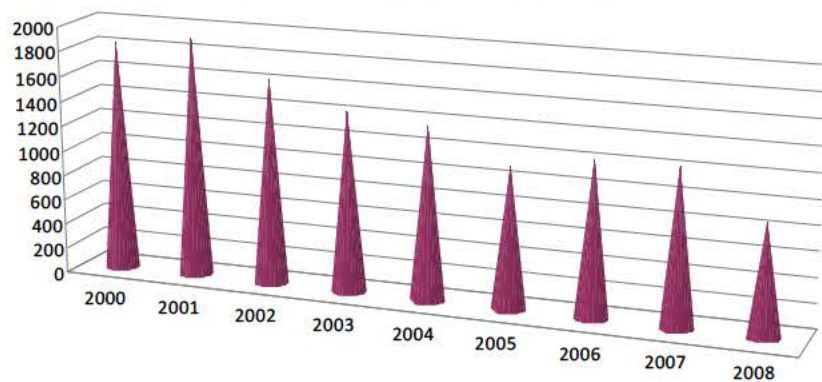
Hunting

This year's low number of hunter day use (881) could be contributed to:

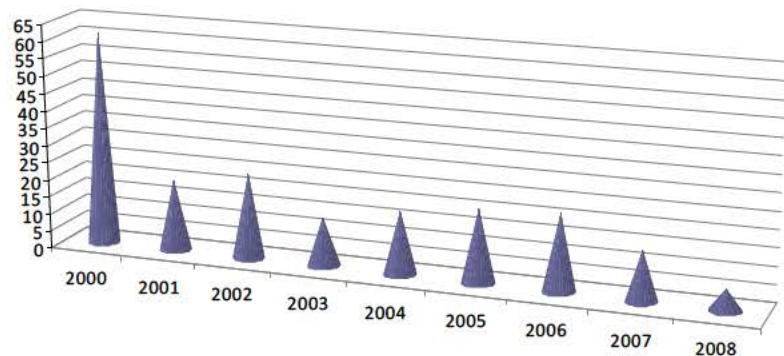
1) a very hard winter in 2007-08 for the deer herd in Maine (mortality was high due to heavy snow loads causing starvation and a higher number of predator kills),
2) warm temperatures that were above average in the month of November(deer are

restricted to movement due to their winter coat), and 3) high gas prices causing some people to travel less and recreate closer to home.

SFMA Hunter Use 2000-2008



Deer Kill in the SFMA 2000-2008





D. 2008 Information/Education

Jean Hoekwater, Naturalist

**Marcia Williamson, Interpretive
Specialist**

Katie Vargas, CSRII

Paul Corrigan, CSRII

**Molly Meserve, MCC Wilderness
Educator**

Ben Blair, SCA

Nicole Rhodes, SCA

Sandie Sabaka, MATC Ridge Runner



I. 2008 PROGRAMS

Ranger Gabe Williamson kicked off the program by explaining how Baxter State Park policies and rules embody the guiding principles of today's national Leave No Trace program. The following week, the I & E division got visitors involved in exploring the world of nighttime with Park Naturalist Jean Hoekwater, Marcia Williamson, and Molly Meserve. In mid-July, Bob Howes gave visitors a window into the vast variety he encounters each season as a veteran Baxter State Park Ranger II. The following week, it was a novelty to have the son of Maine artist Jake Day visit us and share his recollections of family outings to the Park tying the past to the present. At the end of July, Donn Fendler returned to talk about "*Lost on a Mountain in Maine*" and give young members of the audience something to think about until next summer! The first program of August featured Park Director Jensen Bissell discussing what the Park and local residents can learn from the results of the 2007 BSP Economic Impact Survey. Chief Ranger Chris Drew's mid-August program always draws an enthusiastic crowd for stories of bears and human dilemmas that make for an evening of joyful belly laughter. The following week, the laughter continued as the Baxter Players gave a rollicking dramatization of "*How the Chipmunk Got His Stripes*" under the direction of Jodi Tollett Browning. Howard Whitcomb educated visitors and staff with a presentation highlighting selections from his new book, "*Governor Baxter's Magnificent Obsession*". In late August, taking advantage of the dark skies, Park volunteer Doug Rich offered his popular evening program for visitors at Kidney Pond. Former Park Director Buzz Caverly and his wife Jan returned for a visit and shared "*A Packbasket Full of Memories*" at Daicey Pond, wrapping up our 2009 summer evening program series. The summer evening program series would not be possible without the generous contributions of our enthusiastic and diverse slate of program presenters! Thanks to each of you for your gifts of time and energy! Visitors continue to enjoy these informal evenings and cherish the memories of past programs.

In this 2008 report, it is fitting to note two significant events. Many visitors and local residents know the story of "*Lost on a Mountain In Maine*" and some have attended Donn Fendler's program repeatedly, year after year. This year, and in every year Donn has shared his story with us, he was once again accompanied by his beloved wife and lifelong best friend Rea, known and loved dearly by all of us for her plucky sense of humor. She always shared his joy in the Park setting and enjoyed greeting all her friends in the Park when Donn came for his program. Sadly, after struggling with ill health over the winter holidays we received word from Donn in January 2009 that Rea had passed on. We will miss her joyful presence at his annual programs.

On a lighter note, August 2008 marked the final evening program Chris Drew would offer in his role as Chief Ranger of Baxter State Park. Many thanks to Chris for the years he entertained co-workers and visitors alike with his evenings of stories and anecdotes! His tales of crafty critters and naïve campers have drawn crowds to his programs for years now. While retirement has its privileges, we have informed Chris that he is not "off the hook" yet. As long as the fish are still biting, we hope to convince him to continue to be a part of our evening program series here for many years to come!

Children's Programs - "*Kids watch 40-50 hours of television each week, but spend only four minutes a day in unstructured outdoor play.*"

"Young people recognize 1,000 corporate brands at a young age, but cannot name 10 plants

or animals where they live.”

(Source: American Forest Foundation 2008-2009 Highlights)

Following publication of the widely read book, *“Last Child in the Woods, Preventing Nature-Deficit Disorder in Our Children”*, by Richard Louv, there has been nation-wide recognition of the importance of environmental education and experiential education approaches at all levels and in all settings. We are always looking for new ways to help visiting families learn about and enjoy the outdoors with our programming and we are encouraged to see this discussion taking place in mainstream America. As Interpretive Specialist, Marcia Williamson plays a key role in this effort. She continues to increase the quality of programs Baxter State Park offers to youngsters each year, through training and careful scheduling of the Maine Conservation Corps Wilderness Educator position and the two, 12-week Student Conservation Association positions. Together, they cover a lot of ground in the summer months! 2009 Saturday Children’s programs included lessons as diverse as Katahdin Geography and Leave No Trace for Campers to programs focused on identifying animal scat, appreciating mosquitoes, and



**2008 Pond program at
South Branch Pond**

learning about birds we see in the Park.

In addition to nine Saturday programs held in the Park during the summer of 2008, Marcia has teamed up with the Millinocket Memorial Library to offer Park programs as part of their youth reading program, *“Catch the Reading Bug”*. These lessons usually involve reading a book and exploring topics relevant to the book using a range of activities that engage the children and reinforce the information. Marcia kicked off our library series with a session using the humorous children’s book *“Hey Little Ant”*, playing a lively mix of insect-themed games that got the children excited about exploring the topic of bugs and reading all spring and summer! Six additional

programs were offered throughout the season by our two SCA and our MCC interns with great success, featuring songs, crafts, puppets, games and more in addition to reading aloud wonderful stories related to nature. These community-based library programs allow us to extend our educational work with children to fully utilize our MCC/SCA while introducing environmental concepts and sharing the educational resources of Baxter State Park with local and visiting children in our community:

6/27/08 – Catch the Reading Bug – a reading of *“Thidwick the Big-Hearted Moose”* by Dr. Seuss followed by a discussion about Leave No Trace and then the children crafted moose antlers – Molly Meserve

7/16/08 – Catch the Reading Bug – Ben Blair wrote and sang an environmentally-themed song. He played guitar, having the children join him.



Animal Tracks Bingo winner at Kidney Pond

8/1/08 – Catch the Reading Bug – The Web of Life – a reading of *“Brother Eagle, Sister Sky”* by Susan Jeffers followed by a discussion about the web of life with the children creating a yarn web and crafts depicting the Web of Life – Nicole Rhodes

9/12/08 – You, Me, the Coyote and the Bee! – a reading of *“Everybody’s Somebody’s Lunch”* by Maine author Cherie Mason followed by a

discussion of the food chain and a puppet show – Molly Meserve

9/19/08 – Batty about bats! – a reading of *"Bats at the Library"* by Brian Lies followed by a discussion about bats and the making of bat ears – Nicole Rhodes

10/3/08 – *Even Little Things can Sing* – a reading followed by a discussion of how even the littlest creatures have interesting lives and voices – Nicole Rhodes

10/10/08 – Life on the Moon – a reading, followed by a discussion of different landscapes, the needs of those that live there, etc. followed by the making of a homemade crater and lunar ice cream – Molly Meserve

2008 Public Programs - -Patten Men's Club- Park Update

-Youth in Partnership Program at Stearns High School and at Millinocket Middle School-
Introduction to Baxter State Park

-University of Maine at Machias –‘Park Interpretation’ for Rick Scribner’s Park Interpretation Class

-Millinocket Memorial Library – *"Catch the Reading Bug"* – Bug stories (including *"Hey Little Ant"*), bug activities and games to start the summer reading program. (See other library programs listed above)

-Brownville Elementary School – "Introduction to Baxter State Park"

-Orrington Middle School – "Plan Ahead and Prepare for Your Trip to Baxter State Park"

-Sherman Elementary-Maine Studies unit- "Baxter State Park History, Plants and Animals"

--Millinocket Middle School Science Camp, Lower Togue Pond – "Introduction to BSP and Leave No Trace"

-BSP Trail Crew, Kidney Pond - Leave No Trace

-MATC Ridge Runner/Caretaker training at Bigelow Preserve-BSP Information for Distance Hikers and LNT Teaching Techniques for Ridge Runner/Caretakers

-Maine TREE Foundation Teachers Tour of SFMA, assisted Carol Redelsheimer with information on Park and planning school field trips in the Park.

-Granite Street School Summer Program two programs: "Introduction to BSP" and "The Impact Monster Skit" (to illustrate LNT)

-Tanglewood Camp leaders- "Introduction to BSP and Leave No Trace"

-BSP Trail Crew, Abol Field- Leave No Trace Training

-Moosehorn Wildlife Refuge YCC crew- "Planning a Group Hike of Katahdin-Equipment, Leadership and Trip Options"

-Medway Middle School 8th grade Science- "Introduction to BSP", Focus on Endangered Species, Alpine Zone

-Trails End Festival, North Light Gallery, Millinocket- "Introduction and Overview of BSP"

-College of the Atlantic students, FIA Trail –SFMA/FIA trail introduction

- U ME Students- FIA Trail and Info/Ed Interpretation Projects

-University of Maine Presque Isle Recreation Management Classes–" Interpretation in BSP" and "ADA Considerations in Baxter State Park" in Baxter (w/Jodi Browning)

Staff Trainings

LNT Trainers Course - Leave No Trace Trainers course was held on June 24-25. Former National LNT Traveling Trainers and current BSP staffers Marcia and Gabe Williamson provided top notch instruction on LNT for staff interested in



LNT Trainer's Course L to R: Barb Bentley, Molly Meserve, Ben Blair, Rex Turner, Donna Riley

this optional training as well as participants visiting from other agencies/organizations. In 2008, guests from outside BSP staff attending the training included Barb Bentley, Friends of Baxter State Park, Rex Turner, BPL, Department of Conservation and Donna Riley, Maine Girl Scouts.

SCA Trail Crew Trainings - Both the summer and fall SCA trail crews were introduced to basic LNT principles through a session of activities and discussion led by Marcia.

BSP 101 - This indoor information session is offered as a preliminary to a full day van tour of the Park. Both are offered to provide all new employees with a common understanding of the origins and operations of the Park. The indoor session is focused on the Park's mission, reasons and history for certain Park regulations, and the distinctions between Baxter and other parks. We also spend time discussing how to educate using the "Authority of the Resource", encourage responsible decision making while helping visitors explore the full range recreational options in the Park. The aim of the session is to create a common understanding across the staff ranks so that we will have consistent and accurate information relayed when working with the visiting public.

I. Information/ Education Projects

Earth Day Roadside Litter Pickup - Jointly organized by the I/E division and BSP Operations division, the 2008 litter pickup was held on May 3. This year, the Millinocket Northern Timber Cruisers hosted registration at their clubhouse on the edge of town, providing donuts, muffins and coffee to all the volunteer crews. The Youth Ideas and Partnership Project (YIPP) students from Millinocket Middle School and Stearns High School provided three students who helped with preparations and 6 students who participated in the litter patrol, along with their advisor, Jessica Meserve, from the Penquis Community Action Program. We also had Boy Scout Troop 202 from Island Falls come down to help us, along with many local families and Park users, including one couple that has traveled from Island Falls every year, and some members of the



L to R: Lunchtime grillers Laura and Charlie Kenney, Barry MacArthur, Loren Goode and Stewart Guay, Earth Day Litter Pick Up 2008
earth and our local community. The barbeque afterwards gives Park staff the chance to visit

Friends of Baxter. Our youngest participant was three years old and our oldest was in their late 60's! Together, they collected approximately 3 tons of roadside litter, and 15-20 garbage bags of recyclables!

In another departure from previous roadside cleanups, lunch was served at Park HQ with tables set up inside for those who wanted shelter from the wind. Grill masters Loren Goode, Charlie and Laura Kenney and Stewart Guay served up another delicious meal to waiting volunteers.

Once again, we thank Dennis Cox and the folks at the Millinocket Transfer Station who graciously agree to accept the litter and scrap metal collected in this volunteer community effort. This event continues to be a great way to demonstrate the Park's commitment to the

and say thank you to all the hardy volunteers of the day! A complete list of volunteers for this effort is in the Appendix to this section.

Economic Impact Study - Responsibility for the initial phases of the Economic Impact Study fell to the I/E division and was discussed in the 2007 Annual Report. Volunteers and staff collected and entered the data which then was passed on to Dr. Anja Whittington, U ME Presque Isle in 2008. The I/E division shared information on the original design and planning as well as shortcomings and difficulties in execution which Dr. Whittington included in her report. The draft of Dr. Whittington's analysis of the data was then submitted to the Park Director. The final report was a joint effort by Dr. Whittington and Park Director Jensen Bissell, with assistance from state economist Mike Levert. The report can be viewed in PDF format on the Park website (baxterstateparkauthority.com). A report summary is included in the Director's section of this operational report.

Project WILD - After a hiatus of several years, we were happy to invite Lisa Kane the Wildlife Educator for the Maine Department of Inland Fisheries and Wildlife to Baxter State Park to lead one of her Project WILD curriculum workshops for teachers. MCC Molly Meserve took the lead in publicizing the workshop and worked with Lisa to choose teaching sites and manage logistics for hosting this large group in the Park. Her hard work paid off with maximum participation, 23 participants, and a waiting list of teachers! The day was excellent and feedback on both the curriculum ideas and the setting was very positive.



2008 Project WILD participants at Kidney Pond

II. Miscellaneous

Various Committees/Meetings Attended - Marcia attended several meetings of the Leave No Trace in Maine Steering Committee. This group has been active for several years on LNT issues in the state, sponsoring scholarships to Master LNT courses and encouraging coordination between all the organizations/agencies offering Trainer courses in the state. For several years, committee members have attempted to engage the leaders of the summer youth camping community in a discussion about how to incorporate LNT into their trip policies and annual leader trainings. The genuine interest and cooperation of the youth camp leadership and recent developments in this issue are encouraging signs of progress for the committee.

On April 19, Jean attended the opening of an exhibit of Jake Day artwork and memorabilia at the Coastal Botanical Gardens in Boothbay. In a gesture of cooperation, Park Director Bissell authorized the one-time temporary loan of 5 Jake Day paintings normally displayed at Park Headquarters to be displayed as part of this event. Amanda Russell from Coastal Botanical Gardens put together a program that included speakers Howard Whitcomb, John Neff and Dick Day, Jake Day's son. Attendees included Park employees Ada and Rod Angotti, Barb

Bentley and several other Friends of Baxter members, former BSP Ranger Ed Werler and the daughter of Jake Day's fellow camper, Lester "Sawdust" Hall. In his talk, John Neff shared parts of Lester Hall's unpublished memoirs, including colorful accounts of spring fishing trips and camping plans sidelined by Weather and Pamola. It was a joyful and humorous remembrance of an artist who memorialized scenes from the Park in the Disney production of "Bambi" and shared his artistic love of the Park with everyone he encountered, from the rangers and former Park Director Buzz Caverly to the likes of Justice William O. Douglas.



The C.A.R.E. committee of the Maine Appalachian Trail oversees the hiring/training and logistical support of the MATC Ridgerunners. On September 3, MATC coordinator Holly Sheehan visited the Park and met with Abol Ridge Runner Sandie Sabaka, and Park staff including Jean Hoekwater, Stewart Guay, Jodi Browning, Bruce White and

Andy Vietze to discuss events of the season and ongoing AT/BSP concerns. Holly discussed moving the season forward to acknowledge growing numbers of southbound hikers. Retaining the same number of weeks in the season, the end of the Ridgerunner season would be moved to coincide with the close of the BSP camping season, October 15. In recent years, an information campaign on the part of the Park and partners along the AT in Maine has resulted in most hikers trying to finish up before the Park closes to camping and the weather becomes wintry. Holly also discussed the need for the Abol Ridge Runner to have more contact with the MATC and the need for more patrols of the AT south of the Park. Holly also spent a day hiking on the AT with Sandie. This effort to learn more about the Park and distance hiker issues in the Park was appreciated by everyone. Holly gained the information needed to craft a proposal for season schedule changes for the 2009 season.

On Sept 7, Jean and other site facilitators, members of the MATC C.A.R.E. committee and 2008 Ridgerunners/Caretakers met at committee member Nancy Fisher's house to talk about the season and ask the Ridgerunners/Caretakers for feedback on what worked and what needed improvement in the program prior to the 2009 program. The Abol Ridgerunner has the latest season so this meeting was held just as distance hikers were starting to show up in force at the Park, while foot traffic at some of the other Ridgerunner/Caretaker locations was slowing down! Sandie finished up her season in late October with very few hiker contacts after October 15, lending further credence to her suggestion that future Abol Ridgerunner seasons end about the same time as the close of the Park camping season.

Jean attended Advisory meetings concerned with Katahdin Access in November and December 2008.

Printings - The Distance Hiker brochure, used to educate north and southbound AT hikers, was revised and reprinted for the summer 2008 season. The Day Use Hiking Map was also revised and printed. The new version included Katahdin Lake and several other changes to help visitors explore Park trails on a day use basis. Our 2007 MCC revised the Jr Ranger booklet and with the help of Diane Freelove and Park staff, enough copies were printed for the 2008 season. With the exception of a few other pieces, the bulk of our information pieces are

simple presentations printed with black ink only, often copied in-house during the season, as needed, to save printing costs.

2008 Issues- Geocaching, Letterboxing, and Earthcaching In Baxter State Park - The preceeding three pursuits have become popular pastimes in Maine, along with a fourth concept, Questing, which is also growing in popularity. An undetermined amount of these activities occur in the Park but the summer of 2008 caused us to consider how these games can affect the Park and our visitors in both positive and negative ways. But first a general discussion for those not acquainted with these activities.

Geocaching is a well-established popular pastime defined by Wikipedia as an “outdoor treasure hunting game in which participants use a Global Positioning system receiver or other navigational techniques to hide and seek containers (caches) anywhere in the world. A typical cache is a small waterproof container (usually Tupperware or ammo box) containing a log book and “treasure” usually toys or trinket of little value.” The popularity of geocaching parallels the development of GPS units and their increased affordability over time. The home page of the Geocaching in Maine website features a striking photo of Katahdin as the header. A quick perusal of statistics on the site reveals a total of 4,838 geocaches in Maine (as of April 13, 2009). The sport is a very positive activity for families and it encourages outdoor activity for all ages, interests and abilities. It also encourages people to explore places in the state or world they may never know about otherwise.

However, on the downside, for several years, the Park has discouraged geocaches because of a number of complicating factors. People sometimes leave inappropriate items in caches. Caches may be left where visitors hike for a sense of remote adventure and can spoil the illusion of discovery. Sometimes, the location of geocaches encourages increased numbers of people to travel to places that are vulnerable to impacts from the increased use. Because of this, when geocaches are found by staff, we attempt to contact the person who started the site but in any event, caches are treated as litter left in Baxter State Park and disposed of accordingly.

Letterboxing is a treasure hunting game of clues originating on the moors of England. It has similarities and differences from geocaching. Wikipedia defines letterboxing as “an outdoor hobby that combines elements of orienteering, art and puzzlesolving. Letterboxers hide small weatherproof boxes in publicly-accessible places (like parks) and distribute clues to finding the box in printed catalogs or one of several web sites or by word of mouth. Individual letterboxes usually contain a notebook and a rubber stamp. Finders make an imprint of the letterbox stamp either on their personal notebook or on a postcard, and leave an impression of their ‘personal stamp’ in the letterbox’s ‘visitor book’ or ‘logbook’-as proof of having found the letterbox and letting subsequent letterboxers see who has visited!” Like geocaching, this game has many positive outcomes, including encouraging exploration and artistic expression as well as family and team-oriented play.

Unfortunately, the first acquaintance most Park staff had with letterboxing, during the summer of 2008, we discovered that an enthusiast had created a letterbox by taking a book from the Daicey Pond Library and using a razor to hollow out a compartment from the book pages, they left their stamp and a logbook inside. The site was electronically publicized for other letterboxers to find and log their stamps. This casual destruction of Park property might encourage letterboxers to deface or carve up other Park items of greater value. The letterbox

was removed and turned over to the Park Director. A second letterbox found cached at a viewpoint on Kidney Pond was also removed by staff this summer. While Park staff recognizes the intrigue and learning value of both geocaching and letterboxing, the code of ethics for both pastimes recommends seeking appropriate permission to place caches or letterboxes and does not condone vandalizing private or public property.

Conscientious individuals saw the opportunity to take the best of these ideas and incorporate them into the practice of EarthCaching. According to the website, earthcache.org, "EarthCaches are in effect a type of virtual cache. They have no physical container or log book. EarthCaches are different from other virtual caches in so much as they teach the visitor something about the site. An EarthCache is not just a scenic view or a locality. They present some lesson on how that place formed, about why that place is important scientifically or what that site can tell us about our planet. . . the reward is in the lesson, not trinkets in a container. Also many EarthCaches are being developed in places where it is against the law to leave a container, such as National Parks and Geological Monuments."

We received welcome correspondence regarding EarthCaching during the summer of 2008 from long-time Park user Eric Hendrickson. Both a teacher and responsible Park user, Eric recognized the benefits as well as inherent problems with geocaching in Baxter State Park. He explained that he had written up several EarthCaches for sites in the Park, with an interest in educating people and teaching a low impact way to explore. Instead of leaving items or stamping a logbook, his EarthCaches direct the participant to answer a natural history question, take a photo or describe the physical feature in an electronic posting to the listing author of the EarthCache as proof they visited and learned at the site. A copy of his EarthCache for Traveler Mountain is in the Appendix for this section. We strongly support this activity because it not only rewards the development of physical fitness, navigational ability and outdoor skills but leaves the environment undisturbed for future visitors. We hope that future EarthCaches are conceived and written with as much consideration for the Park's resources as is evident in the ones written by Eric Hendrickson.

Finally, Questing is a related activity currently gaining popularity in schools, environmental education centers and developed parks which also has potential for adding to visitor enjoyment of Baxter State Park. Questing is defined in a brochure (Quebec Labrador Foundation) as "a community treasure hunt with clues in a rhyming poem full of directional and informational clues that help questors connect the pieces of a local history as they move across a given area by foot, bike, boat or vehicle. At the last stop, they find a hidden treasure box containing the Quest stamp (for the Questor's passport), a sign-in book, and any variety of additional materials pertaining to the Quest topic." The emphasis is usually on human history and local communities but several outdoor parks have put together quests with a natural history focus. The I/E division is considering ways they can incorporate questing activities into our summer children's programs, with the condition that the treasure box is not left at a Park location long-term but for the duration of the activity only.

As the connection between humans and their environment becomes increasingly difficult to maintain in these modern, fast-paced times, it is essential to continue to stay abreast of new ways that engage today's visitor while strengthening their ties to the natural world. It is the intent of the I/E division to embrace and implement the most appropriate aspects of these developments into our activities and plans.

III. Seasonal Staff/Volunteers

Togue Pond Visitor Center - Katie Vargas returned to work a second season at the Visitor Center while Geri Fraser (VC 2007) moved to a Togue Pond Gate position. **Paul Corrigan** transferred from Katahdin Stream to work the vacancy left by Geri Fraser. Katie and Paul had a very successful season and provided Park visitors with a wealth of information and trip suggestions. For many visitors, a stop at the VC can be the difference between an enjoyable visit and one cut short because of lack of preparedness or misinformation. The roles played by these two positions, in coordination with positions at both gates, requires great efficiency and accuracy as well as tact and compassion when sharing information. We continue to be fortunate with the quality of individuals who take on these information roles.

Maine Conservation Corps/Student Conservation Corps Positions - Our 2008 Maine Conservation Corps Wilderness Educator was **Molly Meserve**. Molly graduated from Guilford College in Greensboro, NC in May 2008 with a double major in Biology and German Studies with an Integrated Science concentration. She worked on two significant projects during her six months – surveying a wetland, culminating in a summary of the flora and fauna present and organizing/co-facilitating a Project Wild workshop for teachers and students from northern Maine. In addition, she created and facilitated children's programs both in the Park and for the Millinocket Library and spent every other week as an Alpine Steward on Katahdin providing education/information and monitoring alpine flora and fauna. Following her internship in the Park, Molly signed on for another MCC Environmental Educator position at the Rachel Carson National Wildlife Refuge in Wells. She is planning to return to graduate school in California in 2010 to obtain a Masters and PhD in Marine Biology. Her passion is studying whales.

Ben Blair accepted our invitation to work as our Spring/Summer 12 week SCA Backcountry Intern following his sophomore year at Northland College in Wisconsin. Ben is pursuing a degree in Environmental Studies/Outdoor Education and had already participated in two prior SCA internships, one on a Conservation Crew in Denali National Park and most recently on a Desert Restoration Crew in the Rand Mountains of the Mojave Desert. During his summer with us, Ben coordinated the annual Loon Count and used his musical skills when creating and facilitating children's programs in the Park and for Millinocket Memorial Library. He also spent every other week as an Alpine Steward on Katahdin, providing education/information and monitoring alpine flora and fauna. Ben returned to Northland College to complete his course of study.

Nicole Rhodes was our Summer/Fall 12 week SCA Backcountry Intern. Nicole graduated from Bard College in New York in May 2008 with a degree in Biology. Like Ben she had also spent an internship on a Desert Restoration Crew in the Rand Mountains of the Mojave Desert, although not at the same time he was in the program. Nicole employed her art and dance background when creating and facilitating children's programs for Park visitors and the children of Millinocket at the Millinocket Library. She also had the opportunity to use her French language skills, as fall is a time of increased visitation from our neighbors to the north. Every other week was spent on Alpine Steward Patrol, providing information/education and monitoring the alpine flora and fauna. In addition, she provided coverage at the Visitor Center. At present, Nicole is teaching environmental education to young students at the Ferry Beach Ecology School in southern Maine.

2008 MATC Abol Ridge Runner - Sandie Sabaka returned for a second summer as Abol Ridge Runner. The I/E division serves as a co-operating site facilitator for this MATC/ATC/NPS/BSP-sponsored position. The Abol Ridge Runner has the important job of greeting distance hikers, sharing LNT information with them and helping them plan their stay and hike in Baxter State Park. The position shares duties with other MATC Caretaker/Ridgerunner positions along the AT corridor in Maine at Gulf Hagas, Horns Pond and Piazza Rock. An increasingly important component of the Abol RR role is contact with southbound AT hikers. Discussions in late 2008 have resulted in plans to start the 2009 Abol RR season earlier to intercept southbound hikers leaving the Park in early July. The Abol RR season will end on October 16 rather than a week later, to accommodate this change. This is a response to trends in hiker numbers and use of the AT and will allow more LNT information to be shared with southbound hikers while acknowledging the decrease in distance hikers once our camping season ends and conditions on Katahdin become too wintry for late arriving hikers. Sandie Sabaka, as well as BSP Ranger I Jodi Browning, Katahdin Stream Campground Ranger I Bruce White, Holly Sheehan from the MATC and Park Director Jensen Bissell as well as members of the MATC.A.R.E. committee, have all been instrumental in looking at these challenges and suggesting changes that will result in more effective communication with this Park user group.

Volunteers - In addition to the staff and associates who volunteer every year in our summer program series, there are many others who volunteer in various capacities to help the Information/Education division. In 2008 this included:

- **Diane Freelove**- Printed and collated copies of the Jr. Ranger booklet prior to seasonal start up, assisted with general office details and extracurricular "owling" as requested!
- **Anne Huntington**-Conducted detailed Invasive Plant Patrols of Upper and Lower Togue Ponds and mapped her findings.
- **Linda Ives and Latona Torrey**- Conducted a High Elevation Bird Survey on South Turner Mountain.
- **Laurie Rich**-Assisted with Economic Impact Survey wrap up details, volunteer sign up and section assignments for Roadside Litter pick-up in May.

In addition, numerous individuals share photos and contribute reference and program materials to the division for use in our educational projects. Special thanks to Kimmie Beal, Diane Freelove, Charlie Jacobi, Holly Hamilton, Laurie Rich, and Andy Vietze.

Training Received-Highlights - Division training is listed in the HR section of this report. Some highlights of the 2008 season included:

- -Extensive training in supervising by Steve Martin for all year round supervisors at Baxter. This was a very enlightening course that gave participants many ideas to consider for increasing their effectiveness as supervisors.
- -New Employee Training from the State of Maine to acquaint Marcia with state employment policies and benefits
- -Exposure and training in both Project WILD and Project Learning Tree to update and enrich our environmental education programming efforts.
- -SOLO (Marcia) WMA (Jean) Wilderness First Aid re-certification classes
- -Maine Butterfly Survey training and the MES BioBlitz for Hemiptera, to assist us in planning for and designing future invertebrate inventory/monitoring efforts in the Park
- -Spring and Summer Josselyn Botanical Society meetings to learn about plant collections and research throughout the state and develop better field i.d. skills.

- -Upland Invasive Plant workshop designed to alert participants to present threats in central Maine forests and demonstrate some control techniques being utilized.

Conferences Attended - Marcia attended the following: April 4- Maine Environmental Education Association Annual Conference @ Chewonki

April 5 – Teens To Trails – Windham, ME, booth and presentations targeted for outing clubs

October 2 – Governor’s Conference on Youth and the Natural World – Take It Outside Initiative in Augusta

October 3- A.T. partners hike and discussion at Gulf Hagas representing Baxter State Park

Jean and Marcia attended - October 23- Climate Change Conference, U ME Orono

IV. Research and Special Use Permits

Director’s Research Committee - The committee met on July 18, 2008, at Park Headquarters. Photo pairs from Kimmie Beal (U Vt.) were shared with those attending. Kimmie has been locating older photos of New England alpine areas in archives and replicating those shots to determine if changes in treeline location or vegetation can be detected. We have assisted her with lodging when she has visited Katahdin to take photos. Recently we have also had an opportunity to look at some glass slides from a 1901 expedition on Katahdin. Slides in this collection, owned by Holly Hamilton, clearly depict heavy growth of grasslike plants (most likely Bigelow’s Sedge, from the appearance) at the summit of Katahdin, where only gravel and granite are found today!

The committee received a list of the unsurveyed ponds ME I.F. & W. would be checking in 2008. This was of interest to the committee because at the April 2007 DRC meeting, DEP had proposed including certain BSP waters in their inventory of aquatic resources in Maine Eco-Reserves. It was determined that the fisheries surveys would not have the same focus and the Park should encourage the DEP surveys in future field seasons.

Anne Huntington, a volunteer from Friends of Baxter, reported on her work in compiling a database for Park-based research and collections. This turns out to be a very large task, spanning many years, topics and institutions. In particular, geological and biological specimens collected from these lands before, as well as after, they were purchased by Percival Baxter, have been traced to collections and institutions all over the US. The process is just beginning but will provide a useful product for future researchers and Park managers. The committee expressed deep appreciation to Anne for the challenge she has taken on.

Anne also explained her Invasive Plant Patrol surveys of Upper and Lower Togue Ponds. She produced a detailed, annotated map of each pond shoreline and the location of plants identified.

The committee also devoted discussion to the desirability of revising the Guidelines for Scientific Research in Baxter State Park, with mixed responses. The different management scenarios for the SFMA/Hunting portions of the Park, compared to the sanctuary portion, were discussed as

of



In

one

sensible starting points for allowing differing levels/types research. In general, however, committee members polled indicated they felt the guideline language was best left to the discretion of the BSPA and Park staff.

2008, the Park hosted two research endeavors. The first involved a statewide effort to

determine occurrence and habitat type

for Spring Salamanders (*Gyrinophilus porphyriticus*) in Maine. ME I.F. & W. Biologist Trevor

Spring Salamander photo by Trevor Persons, I.F. & W.

Persons proposed checking selected Park sites for presence/absence of this species, including locations known anecdotally as well as locations with no Spring Salamanders previously reported. In order to be approved

to survey for this species in the Park he agreed to take photo vouchers in lieu of collecting voucher specimens required per protocol in other locations. Persons worked in the Park August 3-7 and investigated the several locations including streams along the Roaring Brook Road, streams north of Whidden Ponds, Littlefield Brook, Dry Brook and small tributaries near South Branch Campground. He noted that a primary food source for Spring Salamanders is caddisfly larvae. The geology and hydrology of the South Branch area were determined to provide optimal habitat for the species as there are cold, rocky streams with ample loose gravel and cobble substrate to provide the network of subterranean refuges for this larger salamander.



Two –Lined Salamander photo by Trevor Persons. I.F. & W.

Persons also checked the most promising stream habitat in the SFMA but observed that in general more boreal areas or sluggish streams with moss-covered

rocks do not seem to be preferred

habitat. His surveys also made note of Two-lined (*Eurycea bislineata*) and dusky salamanders (*Desmognathus fuscus*), two other stream salamander



Dusky Salamander photo by Trevor Persons, I.F. & W.

species. Persons noted the Park represents an ideal opportunity to establish a baseline altitudinal transect of stream invertebrates and amphibians for reference over time in climate change studies. The abstract of his report on all his 2008 surveys in Maine, is included in the Appendix to this section.

The other research taking place in the Park in 2008 also occurred in August. Manomet Observatory proposed to assess several trails in the Park as part of developing guidelines for large land owners in Maine considering development of trail systems for a variety of recreational uses. The study proposed to take measurements of trail corridors and soil impacts on up to 15 of the Park's hiking trails to assist in the process of creating science-based standards and indicators for landowners working with multiple use trails in their jurisdiction. Park trails were chosen because they represent a trail system allowing only foot traffic. In correspondence follow up to the field work, researcher Ethel Wilkerson observed that while the Park trails were the most heavily used of all the trails they surveyed, litter was almost completely absent, a compliment for both our visitors and staff! The rainy weather presented challenges, as most trails were fully saturated with water but Wilkerson said few trails showed impact from running water, likely due to the efforts of trail crew to build appropriate drainage into trails and keep water bars cleaned out so they work to divert water off the trail. A final copy of the report was not available at the time of printing this operational report but the research application can be viewed in the Appendix to this section.

Special Use Permits - The Park hosted two film projects which were completed in 2008 as well as the beginning of a third film project which will be completed in 2009. Film projects and the film/new media world continue to evolve rapidly as we try to craft efficient policies to work efficiently with the wide variety of proposals to ensure the Park's mission, history and operations are fairly and accurately represented. Media exposure has the potential to greatly enhance our efforts to communicate the Park mission and showcase Park natural resources in ways unavailable within our operations. At the same time, media exposure carries the potential risk of spreading misinformation or undermining our efforts to protect Park resources, because the content and distribution of the final product are out of our hands.

In the winter of 2007-2008 Caitlyn Coady, a student studying film at N.Y.U. contacted the Park with a request to film footage and Park staff during all four seasons over the next year. She was interested in using a personal documentary style to communicate the mission and operations of the Park. Throughout the project, she was assisted by BSP Advisory member Bruce Hancock, a family friend, who arranged her visits to a variety of Park locations from Katahdin Lake to Daicey Pond to the Park's north end to Baxter Peak and many areas in between. Park Director Bissell reviewed her questions and production plans then approved interviews with several Park staff for inclusion in the final product. Her final product entitled "Forever Wild" was shared with staff on Opening Day 2009.

In August the I/E division was contacted by a team working on a National Geographic Society documentary on the Appalachian Trail. The A.T. segment of the series focuses on a northbound thru-hiker. The series includes already-released segments on other national parks such as Yellowstone and Yosemite. Prior to filming the Maine portion of the A.T., they contacted us and discussed their tentative plans. By mid September, their plans had finalized. They requested an exception to the voluntary prohibition of flying below 2000' over the terrain of Katahdin, obtaining one-time approval from Park Director Bissell. The permit allowed their specially-equipped plane to fly briefly over the Tableland on Katahdin to film their subject as he

arrived at Baxter Peak, the culmination of his long hike. The day of the filming was a spectacular September day with crystalline clarity; the AT hiker was accompanied by a myriad of fellow distance hikers and Katahdin day hikers, which made it difficult for the film crew to actually obtain images of their subject! The overhead filming via low-level flight over the Tableland on Katahdin was originally approved by the Park Director for a maximum of five minutes to reduce impact to other visitors. Due to radio communication difficulties between the ground film crew and the air crew, it took much longer than expected to get the needed footage. Eventually, the footage was edited into a very effective segment for the film on the AT. Park Director Bissell negotiated with the National Geographic film crew to obtain the extensive footage from the shoot, which includes high resolution photography of the trails on the Tableland. We now have a DVD of the Park footage at Headquarters.

At the close of 2008, wood harvest contractors for the SFMA, the Pelletier family of Millinocket, were chosen to be featured in a documentary series called "Northern Loggers". Most of the footage filmed was filmed on work locations outside the Park. The series will be aired in segments on the Discovery Channel in the spring of 2009. Permission to use film footage taken on Park SFMA lands is under consideration by the Park Director.

V. Monitoring/Inventory Work

High Elevation Bird Surveys - This year, prior to the start of the survey season, the organization coordinating High Elevation Bird Survey for the region, Vermont Center for Ecostudies (VCE), informed surveyors throughout the region that they were re-designing the survey protocol. This included not only piloting different survey protocols in 2008 but designating scientifically valid, random survey sites chosen by computer across the New England and New York state region at locations meeting certain habitat parameters for Bicknell's Thrush. Depending on the final outcome of this process, Katahdin, South Turner and North Traveler may not be survey locations tracked by VCE in the future. This news forced us to consider whether information on the high elevation avian species important within Park operations. For the time being, we feel it is important to continue to collect information and share it when it is applicable to discussions inside and outside the Park. We are also interested in learning more about the newest monitoring rationale and framework, with an eye toward incorporating any aspects that will improve Park success in monitoring and preserving our natural resources.

In 2008, Luke Powell was jointly sponsored by Maine Inland Fisheries & Wildlife and VCE to survey the North Traveler route and two other pilot routes in the Park on South Branch Mountain and the Hunt Trail on Katahdin in June. Between rain and wind, all three of Luke's survey attempts were hampered or incomplete, resulting in no detection of Bicknell's. Earlier in the spring, Marcia and Jean had followed VCE's protocol for a somewhat modified survey on North Traveler on May 30, but no Bicknell's were detected at that time. North Traveler has been a High Elevation Bird Survey route since 1998 so it was time for us to update with better photos and GS waypoints for internal purposes as well as any volunteers that might be willing to assist us, so the day's effort was not wasted.

On June 13, Linda Ives undertook the High Elevation Bird Survey route on South Turner. A former Daicey Pond Campground ranger and until recently, the Director of the Upward Bound at U Maine, Linda is newly retired and an avid birder. This was her first time surveying South Turner for birds and she was rewarded for her early morning efforts with a singing Bicknell's

Thrush! As luck would have it, this was the only Bicknell's detected in all the surveys conducted in 2008 in the Park! Thank goodness for tenacious volunteers!



Molly and Ben check alpine plants on Hamlin Ridge

Meanwhile, snow persisted on the trails and in the basins of Katahdin, confounding our attempts to accomplish a timely survey using our standard route and stops on Saddle Trail. Julie Hart from VCE, data coordinator for the High Elevation, joined us overnight at Chimney Pond crew camp survey on the morning of June 20. Saddle Trail was still not open to the public due to lingering patches of snow and previous experience told us that the birds would not be in the vicinity of the survey route if there was snow present and/or if the leaves had come out yet on the slide, which was the case. So we turned our attention to teaching Molly and Ben, seasonal Alpine Stewards, plants on Hamlin Ridge. On the same day, Julie decided to check the trail to Blueberry Knoll out as a potential survey route, focusing particularly on Bicknell's Thrush.

The weather was not on our side and everyone headed back to Chimney to pack out by 1 PM. Julie was sad to report no Bicknell's despite her departure from the crew camp at 4 AM. We enjoyed a rest stop amidst the spectacular scenery and headed downhill. Maybe better conditions and luck in 2009! We appreciated Julie's assistance, advice and feedback with our survey efforts this year. We learned more about how these surveys relate to the larger effort of monitoring birds and were able to learn more about subtleties in similarities and differences in our habitat for Bicknell's vs other places in the survey region. In the end, what looks like ideal habitat according to our observations as humans may not be desirable, while other, similar habitats may have qualities undetected by us that make them ideal habitat. Every survey and observation devoted to this effort has the potential to contribute information necessary to protecting these birds and associated species. To that end, we will continue to participate and provide information when possible, according to directions developed by coordinating entities in this larger effort.

Katahdin Arctic Butterfly Surveys - The rains of 2008 continued after our less than stellar weather during the bird survey season. With late trail openings due to snow from last winter and inclement weather, as of June 28, we still had not had even one Class I Day! We were rained out of our first set of dates for the 2008 Katahdin Arctic butterfly surveys in late June and early July. While High Elevation Bird surveys can be conducted with some success in drizzly weather as long as there is little wind, butterfly surveys require the best weather day possible on Katahdin. On July 4, Marcia and Jean hiked up the trail to Chimney Pond and met with the Alpine Steward for the week, MCC Molly Meserve. At 10 AM on July 5 they started the trailside count on the Tableland. Weather was a perfect sunny Class I Day with only mild breezes, a true rarity in the best of seasons and the very first Class I day of the 2008 season. Unfortunately, the heavy rains of all the recent days and weeks meant that vegetation and soils were still waterlogged, which likely resulted in reduced butterfly sightings. Nevertheless we considered our outing a success as we counted a total of 7 individuals on the survey. Most of these were more faded and tattered than we would normally find this early in July but that is consistent with the heavy rains and accompanying winds of June. In the vicinity of Thoreau Springs on the way back, we worked on repairing the extensive sections of string fencing and staking which had come down during the winter months and checked our 5 Mt Plant Watch

stations with Molly before heading back down to Chimney Pond. These sessions also allow us to work with interns on developing techniques for “cold contacts” with hikers and answering questions.

Loon Watch - SCA Ben Blair coordinated staff and volunteer involvement in the 2008 Maine Audubon Loon Count which took place on July 19. There were 50 adult loon sightings in the Park, with 3 chicks and 4 nesting sites on the 19 ponds and lakes checked. The count results were similar to the 2007 count (52 adult loons spotted, 9 chicks and 4 nesting sites noted) with the number of chicks being the main difference. In 2007, 4 chicks were spotted on Matagamon Lake, and none were seen in 2008 on Matagamon Lake on the day of the survey. For the first time in anyone’s memory, loons successfully raised a chick on Upper South Branch Pond in 2008! However, the loon pair seen this season at the Wassataquoik Lake Island nesting site did not stay and incubate successfully this season. Because loons are long-lived and have a great deal of fidelity to their nesting site, we may only see active nest site prospecting when a mature pair has died. Loons have varying degrees of tolerance for the presence and activities of humans near their nests and time will tell whether the Wassataquoik Lake Island site will continue to be chosen as a nesting site by loons. In spite of the visual impact for visitors the Park has adopted a practice of setting up floating buoys outside loon nesting areas at high use areas to formally designate the priority the loons have and to delineate the area visitors must avoid. The impact to the wilderness experience of seeing plastic buoys in our waters will hopefully be offset when visitors hear the haunting songs of loons calling in all the years to come.

The following individuals participated in the 2008 Loon Watch:

Ben Blair	Katherine Conley	Amy Demelia	Becky Drennan
Diane Frelove	Michael Gaffney	Jen Gardner	Greg Hamer
Holly Hamilton	Bob Howes	Charity Levasseur	Dean Levasseur
Matthew Martin	Mike Martin	Alton White	Kevin & Tracie Osborne
Stephanie Randall	Bruce White	Gabe Williamson	Marcia Williamson
Jody Tolett-Browning		Doug & Laurie Rich	Rick & Rachel Ste. Croix

Mountain Plant Watch - Mountain Plant Watch monitoring at 5 stations above treeline on Katahdin began June 28 and continued through to the end of the seasonal MCC/SCA position seasons in the fall. Our observations on the condition and life stage of 5 target species are relayed to the coordinating researchers at the AMC Pinkham facility for inclusion in their regionwide study of plant phenology as an indicator of climate change. Beginning in 2009, patrollers will file their observations on a weekly basis so that Katahdin observations can be viewed by public alongside observations at other locations in New England. The website is designed to promote public understanding and support for conservation of alpine areas through awareness of alpine plants and climate change.

Purple Loosestrife Patrols - The usual locations were checked for Purple Loosestrife beginning in mid-July. Together and individually, Marcia, Molly and Jean regularly checked the shoreline of Matagamon Lake as they are passing by and also with greater deliberation, via canoe patrols. No purple loosestrife was found in our field checks this year. A thorough check along the Park Tote Road was also necessitated when a concerned Park user reported possible Purple Loosestrife near the Camp Phoenix Road. Molly and Marcia checked the area shortly after the call. Fortunately, they did not find Purple Loosestrife plants but they did spot

several look-alikes that could easily confuse a person on first inspection. Many of our visitors come from areas heavily impacted by aquatic and upland invasive plants and their awareness is keen because of the changes in they have witnesses elsewhere. We try to investigate reports with due diligence and appreciate the concern that prompts the report.

2008 Mountain Patrols - A total of 48 mountain patrols were conducted by Molly, Ben and Nicole during their weeks on Alpine Steward duty on Katahdin. Despite scheduling challenges, our goal remains the same: to have an Alpine Steward communicating with Park visitors on the busiest hiking days, of which the highest number are usually in August, with weekends in September running a close second. In 2005 and 2006, the number of patrols in August dropped to 7 and 8 patrol days respectively. By changing the start date of our SCA positions, we managed to accomplish 14 patrols in August of 2008. Recognizing that some of the days without patrols were also poor weather days with fewer hikers, our priority continues to be achieving a meaningful level of coverage and maximizing patrol presence on Katahdin in August. Alpine Stewards are highly effective when initiating their public contacts above treeline but we also schedule them to meet visitors at Katahdin trailheads or early in the morning at the gate, as cars are lined up waiting to enter. In the future, we will have an alternate form filled out for the days when the weather is inclement or other factors result in patrollers working below treeline. This way, a more complete summary of Alpine Steward efforts will be available at season's end.

When our SCA/MCC seasonals wear their "Alpine Steward hat" on Katahdin, they are truly multi-tasking while experiencing the spectacular scenery and dramatic weather events! Their number one priority is visitor contact. They are there to help hikers understand the alpine zone and enjoy their experience while ensuring protection of the plants and animals of the alpine zone, many of which are rare, endangered or of special concern. Their second task is to gather numbers that give us a snapshot of what the visitor social experience on Katahdin is like, from various vantage points on the mountain. These numbers are recorded on a standardized form; a summary is included in the Appendix of this annual report. The third task we ask them to complete when patrolling is to check and record the phenology of 5 target plant species at each of 5 established Mountain Plant Watch stations on Katahdin. A summary of this effort is covered in paragraphs elsewhere in this section. Katahdin occupies a unique ecological, social and spiritual niche for mountain enthusiasts everywhere. These efforts are intended to monitor and inform human use to uphold the special qualities the Park is charged with protecting. We will continue to explore staff and citizen science initiatives that will assist in this task. Numerical summaries of the 2008 Mountain Patrol forms can be viewed in the appendix for this section. Anecdotal comments written on the forms and hard copies of the filed forms are kept on file in the Naturalist's office.

Moose Pond Patrols - Moose Pond Patrol forms were submitted for 14 patrols between June and mid-October. While other visits occurred, forms were not filed for those days, usually because there were no people present. We assign an MCC/SCA position to visit heavily visited ponds in June, when visitor interest in moose calves is high and again beginning during the

high visitation months of August and during the fall rut. The 5 patrol forms filed for October



**Ben and Marcia install signpost at
Stump Pond**

indicate the greatest numbers of visitor contacts of the season. We train MCC/SCA positions to make their contacts educational and demonstrate appropriate wildlife watching behavior during these patrols.

Additional Field Patrols - In 2008, we had a number of opportunities to get out into the field, aside from resource monitoring and the usual programming events. Highlights included:

- Participating in a lynx survey on SFMA lands, coordinated by Carol and Mac
- Annual Chimney Pond coverage for Chimney ranger
 - Hauling firewood to Chimney Pond with BSP Ranger Jodi Browning
- Collecting water samples at Abol Pond for Jeff Kahl
- Viewing drainage problems and possible solutions at Hudson Pond lean-to
- Reviewing proposed changes to Foster Field group camping area
- Reviewing proposed sites for lean-tos at Martin Ponds and Katahdin Lake
- Visits to Abol Dam site with Park Director and ME I.F. & W. personnel

E. 2008 ADMINISTRATIVE SERVICES

I. Admin Service Staff

Personnel/Payroll Technician, S. Jean Howes; Accounting Associate II, Christine A. Theriault; Inventory and Supply Associate, Constance Theriault; Office Associate II Supervisory, Joni Lowell; Office Associate, Nancy Guay; Office Associate, Jeannie Tibbitts; Office Associate, Mary Ellen Bell; Office Associate, Jennifer Davis

January 2008 came in with a flurry of activity, conferences, meetings and training. Actually winter months are a good time of the year for full time staff to get training and meetings to take care of business before the busy season starts.

On January 15 the annual "Opening Day for Reservations" was held. That morning 68 customers made 81 reservations. A computer was set up in the conference room to give our customers a glimpse of what "reservation availability" might look like on the web in the near future.

The Reservation Committee met in the afternoon to discuss how the process went. Actually there were 98.9% of the campsites in the Park left for consumption through the use of the Rolling Reservation System. The process went smoothly and most reservations were completed by 11:00am. Other items discussed were credit card use and charges, and for-view-only reservation availability.



The rest of January and February were taken up with annual budget meetings, supervisory training for full time staff, and vacations. The month of March began with the interview process for a six month acting capacity carpenter position, and seasonal staff openings. Reservation staff was busy with July reservation requests and preparations begin for the opening of the Park in May. Orders are placed for the campground supplies and materials. As they are received the Storekeeper sorts them for the various campgrounds.

Spring brings the final changes to the annual budget, plans for training of seasonal staff are set in motion with the anticipation of seasonal staff coming back from seasonal layoff and the office was as usual busy with all the activity of getting ready for May.

At the May Authority meeting the Annual Budget was approved. Seasonal staff arrived and the business office was once again in a flurry of paperwork getting everyone back to work, uniforms and supplies disbursed and everyone on their way to work. Training schedules handed out and arrangements made for the June All Staff meeting.

Once the season has started and seasonal staff is back in the Park the office staff is back to

business as usual. This year however was the year that the Biennial Budget was due in September and the Administrative staff continued to work on the budget process. The Biennial Budget was approved by the Authority in September. Also the Maine State Annual Report was entered.

Chief Ranger Chris Drew had announced his retirement and the process hiring process was started for the position in July. The process ended in November with the announcement of Ben Woodard accepting the position and starting work in January.

Betts Johnston also announced her intention to retire the end of December and the hiring process was started for the Business Manager position and Christine Theriault accepted the position on Christmas Day and started work in January.

Throughout the season, the business office promotes an employee holiday card (left below) and birthday Card (below right) design contest. The winners were announced in October at the fall employees meeting. BSP Ranger I, Mike Martin won both the holiday card and birthday card contest this year and was presented with a certificate of congratulations, BSP mugs and a gift certificate. Congratulations! Mike!



II. 2008 RESERVATION OFFICE STATS

RESERVATION OFFICE STATS - 2008 SEASON

	Site Nights	Adults	Junior	Child	Telephone Calls	Winter Reservations	Telephone Reservations	Office Visitors	Mail Received	Information Packets Sent	Videos Shown	Parking Permits
Jan	355	355	0	0	475	12	0	87	99	40	0	0
February	1088	1088	0	0	425	48	0	70	230	30	0	0
March	1286	1276	10	0	400	44	0	150	400	20	3	0
April	0	0	0	0	434	0	0	175	700	7	2	0
May	2189	1976	157	56	434	0	4	280	680	5	4	2
June	7572	6818	642	112	1779	0	301	439	452	6	30	74
July	16357	13053	2979	325	2272	0	446	797	301	6	59	185
August	20597	17553	2519	525	2398	0	427	902	199	13	56	318
September	10241	9843	318	80	1156	0	348	542	92	10	60	129
October	4839	4627	162	50	525	0	140	200	20	1	11	66
November	0	0	0	0	300	68	0	60	50	2	0	0
December	62	62	0	0	150	22	0	50	50	5	5	0
TOTALS	64586	56651	6787	1148	10748	194	1666	3752	3273	145	230	774

III. WEBSITE

The Baxter State Park Authority website: www.baxterstateparkauthority.com

IV. BUDGET

The Annual Budget for fiscal year 2008 (July 1, 2007 through June 30, 2008) was approved by the Authority at the Authority meeting at Kidney Pond in May, 2007.

The 2008 Annual Budget consists of the following:

Total Projected Revenue	\$3,181,925
Expenses	
Personal Services	\$2,158,271
All Other	\$ 875,154
Capital	\$ 148,500
Total Expenses	\$3,181,925

The Annual Budget for fiscal year 2008 ended June 30, 2008 with an ending cash balance of

Balance brought forward July 1, 2007	\$ 390,091	
Revenue	\$ 2,985,445	
Total Revenue		3,375,536
Expenses		
Personal Services	\$2,200,784	
All Other	\$ 850,251	
Capital	\$ 73,787	
Total Expenses		\$ 3,124,822
Ending Balance brought forward June 30, 2008		\$ 250,714

The Biennial Budget for fiscal year 2008-2009 was approved by the Authority at the October Authority Meeting at Kidney Pond.

	FY08	FY09
Total Projected Revenue	\$3,247,246	\$3,327,474
Personal Services	\$2,172,225	\$2,244,311
All Other	\$ 908,021	\$ 906,283
Capital	\$ 167,000	\$ 176,880
Total Projected Expense	\$3,247,246	\$3,327,474

See Section F. Financial Reports for details.

V. DONATION ACCOUNT

As of December 31, 2007 there was a balance of \$2511.91 in the Donation Account. The following is an income statement for the Donation Account ending December 31, 2008.

BEGINNING BALANCE- January 1, 2008	\$ 2511.91
2008 DONATIONS	
BSP (Overpayments) from the field	\$1020.87
BSP (Overpayments) from reservations	\$ 45.00
Baxter Tea Company	\$ 20.00
Ed Hawkins	\$ 100.00
Bill Brazer	\$ 100.00
Jim Garland	\$ 500.00
William Armstrong	\$ 50.00
Rick Bray	\$ 100.00
Memory of Artie Connaughton	\$ 300.00
Marilyn Sinnett	\$ 100.00
James Foley	\$ 25.00
David Ross	\$ 100.00
John Claggett	\$ 100.00
Bottle Money from Litter Patrol	\$ 36.30
Peter Cook	\$ 100.00
Rick Stevenson	\$ 50.00
Claudia Granata	\$ 500.00
Wayne Springer	\$ 100.00
Leo Purington	\$ 100.00
Sandi and Steve Ephrussi	\$ 100.00
Bank Interest	\$ 8.74
TOTAL INCOME	\$3555.91
PURCHASES	\$ 0.00
BALANCE- December 31, 2008	\$6067.82

V. CONTRACTED SERVICES

Rubbish Removal – Plourde Trucking, Millinocket; Pine Tree, Houlton
 Janitorial Services – Denise Bragdon, Millinocket
 Firewood and Firewood Bundling – Arthur York, Mike Sabine, Glidden Services
 SFMA Forest Operations/Road Construction – Pelletier Brothers, Millinocket
 Trail Crew, I&E – Student Conservation Association & Maine Conservation Corp.
 Septic Tank Pumping – Lincoln Rental, Lincoln
 Fuel – Dead River, Preble Oil, AE Robinson
 Lawn Maintenance – Dennis Cox, Millinocket
 Computers – CMTI/Bruce Grant, Dover-Foxcroft
 Cellular Service – Unicef and US Cellular
 Copier Service – Ikon Office Solutions
 Programming Services – Dirigo Spatial Systems, Inc., Hampden
 Satellite Internet Dish Access – Hughesnet.com

VI. PERSONNEL

POSITION CHANGES**NEW EMPLOYEES:**

William MacDonald - CRI – Roaring Brook
Stephanie Randall - CRI – Katahdin Stream
Isaac Needell – Roving Ranger
Jeff Kimball – Trail Crew Leader
Remy Vazquez – Trail Crew Leader
Elizabeth Roma - CRI – Abol
Mark Roux – Park Carpenter, Acting-Capacity
Kerwin Whitney – Roving Ranger, Acting-Capacity

RESIGNATIONS:

George Geis – CRI - Roaring Brook
Neal Sleeper – CRI - Abol
Elizabeth Allen – GA – Matagamon Gate
Ben Deering – Trail Crew Leader
Michael Garrigan – Trail Crew Leader
Stephanie Randall – CRI – Katahdin Stream
Jeff Kimball – Trail Crew Leader
Remy Vazquez – Trail Crew Leader

TRANSFERS:

Paul Corrigan – CRI – Katahdin Stream to Customer Service Rep. Visitor Center
Marcia Anderson – GA – Togue Pond to GA - Matagamon Gate
Geri Fraser – Customer Service Rep. Visitor Center to GA – Togue Pond Gate

RETIRED:

Chris Drew – Baxter Park Chief Ranger

YEAR-ROUND POSITIONS

Position	Name	Location
BSP Director	D. Jensen Bissell	Headquarters, Millinocket.
BSP Chief Ranger	Chris M. Drew	Headquarters, Millinocket
Resource Manager	Carol Redelsheimer	Headquarters, Millinocket
Park Naturalist	Jean Hoekwater	Headquarters, Millinocket
Personnel Officer	Elizabeth Johnston	Headquarters, Millinocket
Deputy Chief Ranger	Stewart Guay	Headquarters, Millinocket
BSP Ranger II	Barry MacArthur	Field
BSP Ranger II	Robert E. Howes	Field
BSP Ranger I	W. McPherson Browning	SFMA
BSP Ranger I	Michael Martin	Field
BSP Ranger I	Rob Tice	Field
BSP Ranger I	Jodi Tollett-Browning	Field
Secretary Associate	Ada Angotti	Headquarters, Millinocket
Accounting Associate	Christine Theriault	Headquarters, Millinocket
Personnel/Payroll Technician	S. Jean Howes	Headquarters, Millinocket
Inventory & Property Associate	Constance Theriault	Headquarters, Millinocket
Office Associate II, Supervisor	Joni Lowell	Headquarters, Millinocket
Maintenance Supervisor	Rodney Angotti	Headquarters, Millinocket
Auto Mechanic II	Frank George	Headquarters, Millinocket.
Carpenter	Albert Rickards	Headquarters, Millinocket
Trail Crew Supervisor	Paul Sannicandro	Headquarters, Millinocket
Interpretive Specialist	Marcia Williamson	Headquarters, Millinocket

SEASONAL POSITIONS – 2008

CAMPGROUND RANGERS

9425-0631	Mark Varney	-Nesowadnehunk	21	5-18	10-11
9425-0021	Greg Hamer	-Russell Pond	24	5-11	10-25
9425-0831	Brendan Curran	-Russell Pond	22	5-18	10-18
9425-0221	Gabe Williamson	-So. Branch Pond	24	5-11	10-25
9425-0922	Gunter Bernardini	-So. Branch Pond	20	5-18	10-4
9425-0351	Joe Auclair	-Roaring Brook	24	5-11	10-25
9425-0741	Bill MacDonald	-Roaring Brook	22	5-18	10-18
9425-0601	Tom Bell	-Chimney Pond	24	5-11	10-25
9425-0841	Rich Elliott	-Chimney Pond	22	5-18	10-18
9425-0391	Bruce White	-Katahdin Stream	29**	5-11	11-29
9425-0421	Stephanie Randall	-Katahdin Stream	22	5-18	10-18
9425-0978	Charity Levasseur	-Abol	22	5-18	10-18
9425-0461	Elizabeth Roma	-Abol	18	6-1	10-4
9425-0611	Tonya Bubar	-Trout Brook Farm	20	5-18	10-4
9425-0983	Dean Levasseur	-Kidney Pond	25	5-11	11-1
9425-0982	Diane Freeloove	-Kidney Pond	25	5-11	11-1
9425-0980	Matthew Martin	-Daicey Pond	25	5-11	11-1
9425-0981	Andy Vietze	-Daicey Pond	25	5-11	11-1

ROVING RANGERS

9425-0991	Cathy Lusk	-Parkwide	26	6-1	11-29
9425-0993	Kerwin Whitney A/C	-Parkwide	26	6-1	11-29
9425-0998	Isaac Needell	-Parkwide	26	5-11	11-8

GATEHOUSE ATTENDANT

9422-0171	Gail Curtis	-Togue Pond	29**	5-11	11-29
9422-0511	Miranda Brodeur	-Togue Pond	23	5-11	10-18
9422-0361	Tracy Young	-Matagamon	29**	5-11	11-29
9422-0441	Marcia Anderson	-Matagamon	29**	5-11	11-29
9422-0201	Dana Miller	-Matagamon	23	5-11	10-18
9422-0501	Ruth Levesque	-Togue Pond	29**	5-11	11-29
9422-0531	Geri Fraser	-Togue Pond	23	5-11	10-18
9422-0541	Marybeth Varney	-Togue Pond	12	6-15	9-6

TRAIL CREW

9436-0940	Jeff Kimball/ Russell Prime	-Trail Crew Leader	26	5-11	11-8
9436-0984	Remy Vazquez	-Trail Crew Leader	26	5-11	11-

RESERVATION OFFICE

6538-0941	Jean Tibbitts	-Office Assistant II	40	1-13	10-18
6538-0967	Nancy Guay	-Office Assistant II	40	1-13	10-18
6538-0731	Mary-Ellen Bell	-Office Assistant II	40	3-16	12-20
6538-0997	Jennifer Davis	-Office Assistant II	12	6-15	9-5

VISITOR CENTER

6510-0977	Katherine Vargas	-Customer Service Rep II	20	6-1	10-18
6510-0992	Paul Corrigan	-Customer Service Rep II	20	5-18	10-4

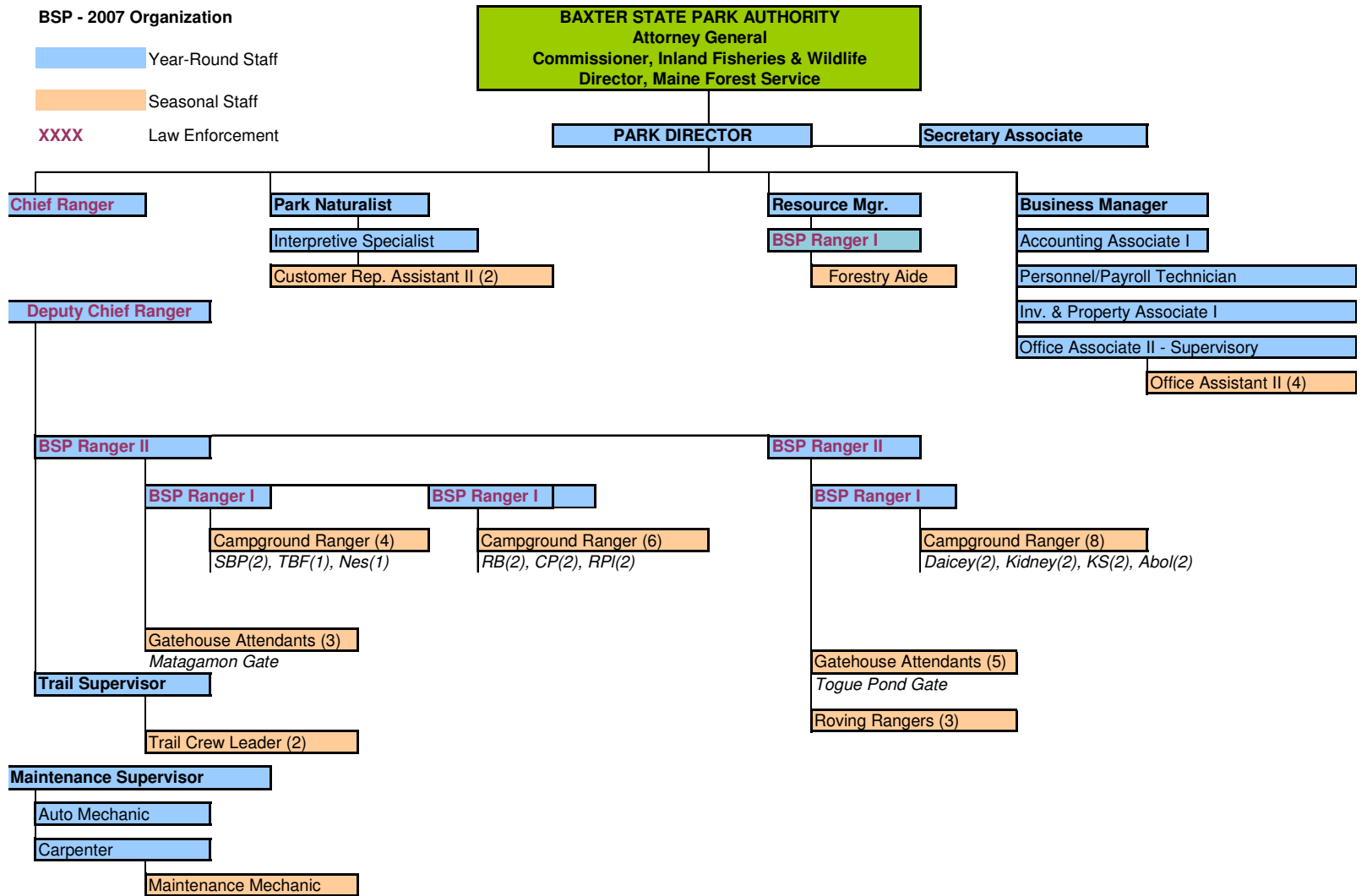
8281-0965	Wayne Brooker	-Maintenance Mechanic	26	5-11	11-8
9456-0988	Kevin Osborne	-Forest Technician	26	5-11	11-8

BSP - 2007 Organization

Year-Round Staff

Seasonal Staff

XXXX Law Enforcement



VIII. TRAINING

1/8 1/10,1/17,1/22,1/24/08	Supervisory Development Program	All staff
3/4/08	Process for Rule Making	A. Angotti
3/10/08	Impacts of Wildlife on the Forest Industry	Redelsheimer, M. Browning
4/4/08	MEEA Conference	M. Williamson
4/10/08	JETCC	R. Angotti
4/11/08	Maine Tree Foundation	Redelsheimer, M. Browning, M. Williamson
4/12/08	Josselyn Botanical Society	Hoekwater
5/20/08	Intro to Search & Rescue	MacDonald, Randall, Needell, Kimball, Vazquez, Roma
5/23&5/30/08	Communication Skills in the Workplace	M. Browning
5/30/08	Maine SAF tours	Bissell
6/3/08	Presentation on Communication	All staff
6/2/08	CPR	Tice
6/9/08	New Employee Orientation	
6/18/08	Intro to Dreamweaver *	Lowell
7/7/08	New Employee Orientation	M. Williamson
7/21/08	Josselyn Botanical Society	Hoekwater
8/10/08	Acadia Partner for Science and Learning	Hoekwater
8/13/08	Wilderness First Aid	Johnston
9/26/08	Project Wild	M. Williamson
9/3/08	Leave No Trace	Rhodes
10/2/08	Governor's Conference	M. Williamson
10/15/08	Intro to Dreamweaver *	C. Theriault
10/21& 10/22/08	Conference on Leadership and Workplace Issues for Women In Law Enforcement	J. Browning
12/11/08 & 12/19/08	Wilderness First Aid	Theriault, Martin, Lowell, Levesque, Bissell, S. Guay, MacArthur, R. Howes, M. Varney, M. Browning, J. Browning, CA. Theriault,

IX. 2008 BAXTER STATE PARK RESERVATION PROCEDURES

How do I make Reservations?

1. Read completely:

- ◆ This information sheet
- ◆ BSP Rules & Regulations
- ◆ The BSP Road Map handout or general information from Park website.

2. Completely fill out reservation forms (available from the Park or its website). Include as many options as possible.

3. Enclose appropriate payment.

4. Enclose self-addressed, stamped, #10 business sized envelope (if reserving by mail).

5. At the appropriate time: Mail, bring in person, or phone to Baxter State Park Headquarters.

Baxter State Park Headquarters:

Baxter State Park
Reservations
64 Balsam Drive
Millinocket, ME 04462

Telephone 207-723-5140
TDDY 207-723-9905
www.baxterstateparkauthority.com

When can I make a reservation at Baxter State Park?

1. Coming in person to BSP HQ on January 15, 2008. Reservations will be limited to 20% of sites per campground, per day. Only two (2) reservations per person will be allowed. If large numbers of campers intend to make reservations on this day, the campground limits are expected to be reached quickly, thereby forcing campers to try again for reservations during the rest of the season. Campers are encouraged to be flexible in their dates and site choices and plan on using the rolling reservation system for the majority of their camping trips.

2. Using the Rolling Reservation System, mailing or walking in to BSP HQ four (4) months or less prior to the start of your desired camping trip. All sites (at least 80% of all camping nights, plus any sites not reserved on January 16th) will now be available for rental, four months prior to camping. Mail in reservations will be given a seven (7) day “buffer”. Mail and walk-in customers will be processed at the same time. Mail will be randomly processed (not in the order it was received) except that all Maine resident reservation requests made by mail will be processed before non-resident mail requests on a daily basis. There is a limit of two (2) reservations per day for each person making walk-in or mail-in reservations. **NOTE:** People who arrive earlier than four months ahead of their camping date will not be processed and will be asked to return or mail-in when the dates finally do “roll” open. Mail that is received more than four months and seven days ahead of camping dates will not be processed and will be returned to sender.

3. Last minute reservations during the camping season (14-days or less before your arrival). If you would like to camp in the Park in the next 14 days or less, we will accept your reservation by phone. Phone-in reservations are limited to one reservation per call and one call per person per day. Phone

reservations must be paid by Visa or Master Card at the time of the call. It is against Park regulations to use a cell phone inside the Park for a non-life threatening emergency. Please do not call for reservations from inside the Park. As we expect many reservations to be taken during the rolling reservation system, less choices will be available for the 14 days prior to your trip. During July, August and fall weekends, much of the Park may be full when you call, but you can always hope for a cancellation.

What else do I need to know?

Summer Campground Opening & Closing Dates (Inclusive):

Roaring Brook: May 15 – October 15

Daicey Pond: May 15 – October 15

Chimney Pond: June 1 – October 15

South Branch Pond: May 15 – October 15

Katahdin Stream: May 15 – October 15

Russell Pond: May 15 – October 15

Abol: May 15 – October 15

Kidney Pond *Opens the Friday before Memorial Day - October 15

Trout Brook Farm *Opens the Friday before Memorial Day - October 15

Nesowadnehunk *Variable: Opens no later than June 15 – Closes as early as September 15.

*Please call Park Headquarters for current opening/closing dates for these campgrounds. The Director or such other person designated by the Authority may adjust campground seasons before July 4th and after Labor Day should use, weather or other conditions warrant. Under these circumstances, reservations will be made on a daily basis only.

Fees:

Summer fees (children age 6 or under are free, but count towards site capacity):

Cabins: Minimums: 2-person cabin = \$45.00; 3-person cabin = \$70.00; 4+ person cabin = \$90.00.

\$27.00 per person per night; age 7-16 = \$16.00 per night. Gas lights and firewood are included in cabin fee.

Tentsites: Minimum \$20.00 per site per night. \$10.00 per person per night. At Trout Brook Farm & Nesowadnehunk Campgrounds there shall be a family rate of \$20.00 per site per night.

Lean-tos: Minimum \$20.00 per site per night. \$10.00 per person per night.

Bunkhouse**: \$11.00 per person per night.

Group Areas (Bear Brook, Foster Field, Nesowadnehunk Field and Trout Brook Farm Field): Six (6) person minimum charge (\$36.00), otherwise \$6.00 per person per night.

Winter Fees (Special policies are in effect for winter, please request winter information from Park Headquarters or visit the Park's website before making winter reservations):

Bunkhouse**: \$18.00 per person per night, except at Chimney Pond bunkhouse (\$37.00 per person per night).

Lean-to or Tentsite: \$12.00 per person per night.

Cabins: \$30.00 per person per night.

****Reservations for individual bunk only.** Facility is shared with other individuals or groups up to the capacity of the bunkhouse.

Non-Resident Motor Vehicle Fee (Payable only at gate.) A day pass or season pass is required for all vehicles entering Baxter State Park. Non-resident motor vehicles shall pay a motor vehicle fee of \$13.00 per motor vehicle for each day in the Park. If a motor vehicle enters the park in connection with overnight reservations covering one or more consecutive nights in the park, then re-entry to the park shall be permitted upon payment of a single motor vehicle fee during the period covered by the overnight reservations, and no longer. Motor vehicles shall not be permitted to enter the Park under any other circumstances, including day use, through traffic or reservations for non-successive nights in the park, without payment of the motor vehicle fee for each day. This regulation does not apply to motor vehicles bearing a Maine registration and license-plate. A season pass under this regulation shall be available at a charge of \$39.00 per non-resident vehicle.

The proper fee must accompany all reservation requests. All fees include sales tax where applicable and must be paid in U.S. funds. For summer reservations, Park Headquarters accepts Visa, MasterCard, money order or check made payable to Baxter State Park. **Campgrounds and gates inside the Park do not accept credit cards (no electricity), please be prepared to pay with cash or check when arriving at the Park.** The Park does not accept personal checks for winter reservations. Fees are payable by all persons year round, except government employees on official business within the Park. **Refunds will not be available ordinarily.** The Director may (at his sole discretion), permit refunds or may impose a special requirement before granting refunds. Portion of paid fee retained in the event of a refund will be \$37.00. **A fee of \$15.00 will be collected for site transfers.**

Office Hours:

The Reservations Office is open from 8 a.m. to 4 p.m., Monday through Friday, but closed on weekends and holidays. During our peak season from Memorial Day through the Saturday of Columbus Day week-end, the Reservation Office is open from 8 a.m. to 4 p.m. seven days a week, including Holidays. No reservations will be made when our office is closed, but shall be accepted on the next business day.

Reservation Limits and Other Policies:

A reservation is an arrangement by which accommodations are secured for one or more consecutive nights of lodging in Baxter State Park. Reservations shall be accepted for up to seven (7) total nights for any one (1) site and any one (1) campground, and up to two weeks (14 nights) total duration.

When considering capacity of all facilities, each child is counted as one individual regardless of age. Site capacity is restricted. Before adding people to your party, consult with Park Reservation Clerks to be sure your site will hold additional people.

Reservations for two or more nights will be held only until 4:00 PM of the day following the first evening for which reservations were made.

An average of 30% of campground lean-to and tent site facilities shall be set aside for Maine resident advance reservations until seven (7) days prior to the actual use date. After which time, unreserved sites will be released to either residents or non-residents.

Groups of thirteen (13) or more in a family or non-family situation shall be assigned to one of the group areas.

Each organized camp group of five (5) or more individuals will be limited to one (1) visit to Chimney Pond Campground during the period from July through August.

Park Campground maps showing campsites and information on outlying sites are available by contacting the Park directly or visiting our website: **www.baxterstateparkauthority.com**

If you have questions, please call our Reservations Office at (207) 723-5140.

Rev. 1/07

F. FINANCIAL REPORTS

BAXTER STATE PARK
STATEMENT OF REVENUE AND EXPENDITURES
FISCAL YEAR ENDING JUNE 30,2008

BALANCE FORWARD		\$390,091.00
REVENUE - 014 Account		
PARK OPERATIONS		
Recreational Use Fees	\$676,912.00	
Transfer Fees	\$7,551.00	
Entrance Fees	\$114,415.00	
Miscellaneous Services	\$30,718.00	
Sale of Maps, Books, etc.	\$23,870.00	
Sale of Forest Products	\$231,600.00	
Foreign Exchange Differential	\$185.00	
Duplicate Fees	(\$3,631.00)	
Overpayments Refunded	(\$207.00)	
NET REVENUE FROM OPERATIONS		\$1,081,413.00
TRUST FUNDS		
Boston Safe Deposit and Trust	\$1,750,000.00	
State-Held Trust	\$120,904.05	
Cash Pool Distribution (Interest)	\$4,010.48	
NET REVENUE FROM TRUSTS		\$1,874,914.53
MISCELLANEOUS REVENUE		
Interest on Investment	\$15,460.00	
Special Licenses and Leases	(\$65.00)	
Sale of Equipment	\$10,677.00	
Sale of Autos	\$0.00	
Sale of Land	\$0.00	
Rent of Land	\$2,500.00	
Restitution	\$20.00	
Miscellaneous Income	\$525.00	
Adjustment to All Other	\$0.00	
TOTAL REVENUE ALL SOURCES		\$29,117.00
TOTAL REVENUE AVAILABLE		\$2,985,444.53
EXPENDITURES		
PERSONNEL SERVICES		
Salaries, permanent	\$838,757.00	
Salaries, seasonal	\$435,792.00	
Overtime/Differential/Retro	\$96,499.00	
Retirement Contribution	\$460,640.00	
Other Benefits	\$369,096.00	
TOTAL PERSONNEL SERVICES		\$2,200,784.00
ALL OTHER		
Contractual Services	\$262,599.00	
Park Operations - All Groups	\$566,684.00	
Sta-Cap Charges	\$20,968.00	
TOTAL ALL OTHER		\$850,251.00
CAPITAL		
Buildings	\$22,835.00	
Equipment	\$50,952.00	
TOTAL CAPITAL		\$73,787.00
TOTAL EXPENDITURES		\$3,124,822.00
ENDING BALANCE FY07		\$250,713.53
CASH 014-02 Account		
REVENUE AVAILABLE		\$27,287.30
CAPITAL RESERVE 014-03 Account		
REVENUE AVAILABLE		\$158,000.00
TREE HARVEST 068 Account		
REVENUE AVAILABLE		\$319,000.00

Executive Summary: FY09 Annual Work Program

As always, the Park is fortunate to benefit from the foresight of Park donor Percival Baxter. This is especially true during these difficult economic times for State Government. The quiet and unassuming work of the Baxter Park Investment Committee continues to be an important factor in ensuring the long-term economic health of the Park.

Recent structural reorganization efforts will allow the Park to place more emphasis on reaching a level of sustainable maintenance on Park buildings and structures. FY09 maintenance plans do not include any major construction efforts requiring the commitment of Park maintenance staff, but instead focuses attention on a number of existing maintenance issues.

Revenue Notes:

- Park use rates have increased modestly in both 2006 and 2007. Revenues from camping reservations through March 2008 were 13.1% above 2007 levels for the same period.
- The last part of the most recent fee adjustment is reflected in the 2008 rates. Fees will be reviewed again this fall through the fee review protocol.
- Revenues from trusts equal 3.45% of the 20 quarter average market value of the trust fund pool and 2.9% of the market value of the trust fund pool as of January 1, 2008.
- Income from the Scientific Forest Management Area continues to provide an important segment of the Park revenue stream. Predicted lower wood product prices through 2008 will likely reduce revenues from the SFMA through the first half of FY09.
- The Park's budget will be assisted for the first time in FY09 by a significant donation from the Baxter Wilderness Trust.
- It is our intention to transfer any balance forward from the FY08 budget to the Capital Reserve Account.
-

Expenditure Notes:

- Park staffing for FY09 remains relatively unchanged except for expected organizational changes to the trail crew beginning in the 4th quarter (May 2009).
- The Park is adding one 12 week SCA intern to the I&E Division to provide a dedicated effort to Mountain Patrol on Katahdin and the Traveler Loop.
- For this year only, the Park is adding two project positions in the SFMA; one (12 week) Forester I position and one (12 wk) Forest Technician position for the remeasurement of 114 Continuous Forest Inventory plots.
- The Park is also funding contract work for trail maintenance on the Hunt Trail and trail construction on the Katahdin Lake parcel.
- Capital expenditures include contract funding for the removal of the Abol Pond dam, establishment of a gravel source on the Roaring Brook Road, repairs to the Kidney Pond Library, completion of construction and relocation work at Nesowadnehunk Field, and maintenance and energy efficiency renovations to the Headquarters building.

BAXTER STATE PARK - REVENUE & EXPENSE PROJECTION/BUDGET SUMMARY

REVENUE	CODE	ACTUAL FY2006	% OF TOTAL	ACTUAL FY2007	% OF TOTAL	ANNUAL FY2008	% OF TOTAL	ANNUAL FY2009	% OF TOTAL	BIENNIAL FY2009	% OF TOTAL
BALANCE BROUGHT FORWARD		131,086	0	93,643	0	350,333	0	0	0	0	0%
SPECIAL LICENSE & LEASES	1448	(48)	(0)	(669)	(0)	50	0	50	0	120	0%
RESTITUTION	2085	0	0	1,500	0	0	0	0	0		0%
INTEREST ON BANK BALANCES	2101	2,470	0	6,975	0	2,000	0	5,000	0	1,000	0%
EARNINGS ON INVESTMENT	2105	18,472	0	25,303	0	10,000	0	0	0	10,000	0%
RENT OF LANDS	2601	0	0	2,500	0	2,500	0	2,500	0		0%
RECREATIONAL USE OF PARK	2610	629,776	0	627,926	0	690,000	0	690,000	0	620,000	19%
JURY DUTY REIMBURSEMENTS		0	0	0	0	0	0	0	0	0	0%
TRANSFERS	2616	5,851	0	5,721	0	5,000	0	5,700	0	5,000	0%
ENTRANCE FEES	2618	108,778	0	110,104	0	117,850	0	120,000	0	120,000	4%
REFUNDS & DUPLICATE FEES	2620	(844)	(0)	(1,183)	(0)	0	0	(2,500)	(0)	0	0%
MISC SERVICES & FEES	2637	24,613	0	25,826	0	25,000	0	25,000	0	26,000	1%
SALE OF MAPS & BOOKS	2657	25,619	0	28,685	0	25,999	0	25,000	0	25,000	1%
SALES TAX UNDEPOSITED	2684	0	0	0	0	0	0	0	0	0	0%
MISC - INCOME (Donations from field)	2686	208	0	1,892	0	0	0	0	0	0	0%
CASH OVER/SHORT FOREIGN EXCHANGE	2689	18	0	125	0	0	0	0	0	0	0%
CONTINGENCY FROM ENTERPRISE FUND(SFMA)	2722		0	618,450	0	290,000	0	250,000	0	300,000	9%
CONTINGENCY FROM BAXTER TRUSTS	2724	1,735,000	1	1,679,668	0	1,532,995	0	2,033,567	1	2,200,354	66%
CONTINGENCY FROM STATE HELD TRUSTS	2724A	66,781		132,308	0	120,000		130,000			
CONTINGENCY FROM INDEPENDENT TRUSTS	2724B				0			75,000	0		
SALE OF EQUIPMENT	2806	16,686	0	4,701	0	10,000	0	10,000	0	10,000	0%
SALE OF AUTOS	2821	6,000	0	7,961	0	6,000	0	4,000	0	0	0%
SALE OF BUILDINGS	2801	0	0	0	0	0	0	0	0	10,000	0%
ADJ OF ALL OTHER BALANCE FORWARD	2953	991	0	(88)	(0)	0	0	0	0	0	0%
ADJ OF PERSONAL SER. BALANCE FORWARD	2955	201,601	0	0	0	0	0	0	0	0	0%
SALE OF LAND	2802	0	0	132,000	0	0	0	0	0	0	0%
TOTAL REVENUE		2,973,059	1	3,503,347	1	3,187,727	1	3,373,317	1	3,327,474	100%
EXPENDITURES BY GROUP											
PERSONAL SERVICES		1,903,998	66.1%	2,075,765	65.8%	2,159,331	67.8%	2,221,390	65.9%	2,244,311	67.4%
ALL OTHER		792,685	27.5%	762,939	24.2%	875,155	27.5%	957,227	28.4%	906,283	27.2%
CAPITAL		182,733	6.3%	156,310	5.0%	148,500	4.7%	194,700	5.8%	176,880	5.3%
Capital Reserve				158,000							
TOTAL EXPENDITURES		2,879,416	100.0%	3,153,014	95.0%	3,182,986	100.0%	3,373,317	100.0%	3,327,474	100.0%
PERCENTAGE OF TRUST MARKET VALUE								3.26%	3.48%		
TRUSTS MARKET VALUE AVERAGE OVER 20 QTRS								62,418,423	63,138,039		

All Baxter State Park Trust Funds

Yr.	Month	14-0068-00-8 BSPA TR U/IND	10115270000 TR U/Ind MID CAP FUND	60-0421-00-2 BSPA MGT. FUND	Melon Equity	Private Fund	60-0422-00-0 BSPA RESERVE FUND	TOTAL BOSTON TRUSTS	STATE HELD TRUSTS		TOTAL ALL TRUST ACCOUNTS	MACKWORTH ISLAND KEY PRIVATE BANK 10-10-120- 0362900
									Payson	Key		
02	31-Mar	28,326,463	4,783,553	18,399,446			590,259	52,099,722	4,796,764		56,896,486	42,292
	30-Jun	26,811,087	4,404,069	17,178,517			762,561	49,156,235	4,487,872		53,644,107	40,758
	30-Sep	24,358,683	3,740,443	15,037,943			539,399	43,676,468	3,812,206		47,488,674	36,596
	31-Dec	25,242,061	3,825,331	15,593,103			445,828	45,106,324	3,970,888		49,077,212	38,695
03	31-Mar	24,613,549	3,684,621	15,067,532			709,028	44,074,730	1,929,912	1,940,159	47,944,800	37,759
	30-Jun	28,652,569	2,174,169	16,686,843			749,688	48,263,269	2,091,620	2,084,697	52,439,587	42,280
	30-Sep	29,511,238	2,289,184	17,336,633			154,267	49,291,322	2,074,891	2,097,162	53,463,374	43,184
	31-Dec	31,701,183	2,508,266	18,377,819			534,569	53,121,836	2,233,370	2,224,738	57,579,944	46,987
04	31-Mar	32,371,287	2,639,663	18,874,704			705,942	54,591,595	2,269,383	2,239,695	59,100,672	47,735
	30-Jun	31,770,486	2,637,924	18,584,064			802,754	53,795,227	2,244,198	2,207,247	58,246,672	48,352
	30-Sep	31,673,664	2,607,538	18,462,462			263,391	53,007,055	2,226,374	2,194,932	57,428,360	48,397
	31-Dec	33,980,355	2,604,548	19,889,113			193,009	56,667,024	2,351,230	2,269,826	61,288,080	51,236
05	31-Mar	33,290,210	2,577,957	19,494,783			196,223	55,559,173	2,279,155	2,220,649	60,058,976	50,935
	30-Jun	33,903,435	2,537,601	19,542,472			699,068	56,682,577	2,336,588	2,280,080	61,299,245	51,841
	30-Sep	34,924,223	2,730,135	20,366,446			103,746	58,124,550	2,372,088	2,342,641	62,839,280	53,454
	31-Dec	35,202,921	2,612,488	20,102,626			604,577	58,522,612	2,392,573	2,368,987	63,284,173	54,773
06	31-Mar	36,102,544	2,866,823	20,881,586			620,745	60,471,698	2,416,554	2,414,220	65,302,472	56,661
	30-Jun	35,441,812	2,664,643	20,382,244			990,641	59,479,339	2,381,792	2,334,221	64,195,352	55,755
	30-Sep	36,586,095	2,636,507	21,714,387		240,799	439	61,178,228	2,470,979	2,444,438	66,093,645	57,564
	31-Dec	37,870,311	2,830,567	22,376,070			443	63,077,391	2,569,366	2,536,560	68,183,317	60,957

All Baxter State Park Trust Funds

Yr.	Month	14-0068-00-8 BSPA TR U/IND	10115270000 TR U/Ind MID CAP FUND	60-0421-00-2 BSPA Investment MGT. FUND	Mellon Private Equity FUND	60-0422-00-0 BSPA RESERVE FUND	TOTAL BOSTON TRUSTS	STATE HELD TRUSTS			TOTAL ALL TRUST ACCOUNTS	MACKWORTH ISLAND KEY PRIVATE BANK 10-10-120- 0362900
04	31-Mar	32,371,287	2,639,663	18,874,704		705,942	54,591,595	2,269,383	2,239,695		59,100,672	47,735
	30-Jun	31,770,486	2,637,924	18,584,064		802,754	53,795,227	2,244,198	2,207,247		58,246,672	48,352
	30-Sep	31,673,664	2,607,538	18,462,462		263,391	53,007,055	2,226,374	2,194,932		57,428,360	48,397
	31-Dec	33,980,355	2,604,548	19,889,113		193,009	56,667,024	2,351,230	2,269,826		61,288,080	51,236
05	31-Mar	33,290,210	2,577,957	19,494,783		196,223	55,559,173	2,279,155	2,220,649		60,058,976	50,935
	30-Jun	33,903,435	2,537,601	19,542,472		699,068	56,682,577	2,336,588	2,280,080		61,299,245	51,841
	30-Sep	34,924,223	2,730,135	20,366,446		103,746	58,124,550	2,372,088	2,342,641		62,839,280	53,454
	31-Dec	35,202,921	2,612,488	20,102,626		604,577	58,522,612	2,392,573	2,368,987		63,284,173	54,773
06	31-Mar	36,102,544	2,866,823	20,881,586		620,745	60,471,698	2,416,554	2,414,220		65,302,472	56,661
	30-Jun	35,441,812	2,664,643	20,382,244		990,641	59,479,339	2,381,792	2,334,221		64,195,352	55,755
	30-Sep	36,586,095	2,636,507	21,714,387	240,799	439	61,178,228	2,470,979	2,444,438		66,093,645	57,564
	31-Dec	37,870,311	2,830,567	22,376,070	236,712	443	63,314,103	2,569,366	2,536,560		68,420,029	60,957
07	31-Mar	38,203,836	2,997,546	22,772,904		19	63,974,306	2,553,072	2,570,867		69,098,245	61,838
	1-Apr							2,003,936	2,059,620	1,015,039		
	30-Jun	39,618,989	3,210,929	24,002,669	226,870	0	67,059,457	2,137,807	2,117,342	1,027,383	72,341,989	65,399
	30-Sep	40,779,331	3,239,894	24,325,594	484,058	0	68,828,877	2,219,844	2,203,415	1,046,289	74,298,425	66,870
	31-Dec	40,609,686	3,295,567	23,868,198		0	67,773,451	2,160,343	2,190,143	1,039,257	73,163,195	65,717
08	31-Mar	37,966,796	2,923,537	22,076,886	501,549		63,468,768	2,015,502	2,100,875	950,299	68,535,445	61,848
	30-Jun	37,142,622	3,110,421	22,006,476			62,259,519	1,955,908	2,089,810	939,800	67,245,037	63,134
	30-Sep	33,787,578	2,648,837	19,350,484			55,786,898	1,884,878	1,924,205	872,473	60,468,454	56,868
	31-Dec	29,068,736	1,980,489	15,895,976			46,945,200	1,551,266	1,594,044	754,065	50,844,575	47,251

	ACTUAL BUDGET FY07	ANNUAL BUDGET FY08 (est.)	ANNUAL BUDGET FY09	BIENNIAL BUDGET FY09	REMARKS
3000 PERSONAL SERVICES					
3110 Perm Regular	674,342	707,325	716,301	877,295	To add 4 trail laborer positions in May. Note: request will have to go to HR with this budget to be approved for May of FY09.
3120 Perm PT B		4,510	0	0	
3180 Perm Vacation	53,010	67,641	56,191	0	
3181 Perm Holiday	40,623	36,037	43,061	0	
3182 Perm Sick	27,283	35,401	28,920	0	
3195 Attrition		-21,493	0	-22,238	
3210 Limited Period Regular		0	0	0	
3280 Limited Period Vacation		0	0	0	
3281 Limited Period Holiday		0	0	0	
3282 Limited Period Sick		0	0	0	
3310 Seasonal Regular	377,075	402,205	399,700	450,972	
3380 Seasonal Vacation	30,022	35,095	31,824	0	
3381 Seasonal Holiday	21,808	18,392	23,117	0	
3382 Seasonal Sick	10,533	5,305	11,165	0	
3410 Project Regular			17,347	0	2 Temporary project positions for SFMA CFI remeasure
3450 Regular Acting			0	0	
3480 Project Vacation			0	0	
3481 Project Holiday			0	0	
3482 Project Sick			0	0	
3611 Standard Over time	15,935	15,681	18,912	0	Over time for intrwng & hirng SCA
3612 Premium Overtime	5,332	2,995	5,652	0	
3616 Retro Lump	3,889	16,245	4,122	0	
3618 Retro Pay Contract		11,750	0	0	Union Contract - Retro pay
3621 Stipend RC/RT	2,575	2,354	2,729	1,675	
3631 Longevity Pay	8,327	9,093	8,826	10,452	
3634 Call Out	222	112	236	0	
3636 Court Pay	89				
3638 Shift Differential	849	3,148	900	3,906	Pay increase after 2:00pm
3641 Non-standard Differential (16%)	40,005	44,841	42,405	45,493	
3810 Unemployment Compensation	27,199	25,149	28,831	0	
3901 Health Insurance	303,468	291,362	321,676	369,074	
3905 Dental Insurance	10,995	10,369	11,655	12,637	
3908 State Retirement Health	156,076	151,412	165,441	187,766	
3909 State Retirement Administration	6,571	6,296	6,965	6,590	
3910 Employer Retirement	104,628	99,927	110,905	108,925	
3911 Employer Life	3,469	3,397	3,677	7,809	
3912 Employer Medical	15,303	14,105	16,221	16,385	
3959 Retirement Unfunded Liability-B	46,309	62,115	49,087	55,373	BSP LE Rangers (To cover shortfall in pension fund)
3960 Retirement Unfunded Liability-F	87,477	94,901	92,725	109,417	Regular Staff (To cover shortfall in pension fund)
3971 Uniform Allowance	2,350	2,600	2,800	2,800	
3973 Child Care		0	0	0	
TOTAL PERSONAL SERVICES	2,075,765	2,158,270	2,221,390	2,244,331	

	ACTUAL BUDGET FY07	ANNUAL BUDGET FY08 (est.)	ANNUAL BUDGET FY09	BIENNIAL BUDGET FY09	REMARKS
All Other					
4015 SCA, MCC, Internships	61,977	77,028	90,732	80,109	Trails Crew, Hunt Trail, Katahdin Lake Trails, Mtn Patrol
4016 Art /Graphics	2	2,000	2,000	2,000	devel.
4041 Laundry Services	78	150	200	200	
4042 Legal Services	8,006	0	500	500	FY07 reflects KL project transaction costs
4046 Medical Services	658	200	2,500	2,500	
4099 Professional Services	168,438	195,650	232,825	211,000	See page 5 for breakdown
			0	0	
4106 Lab Services	425	425	500	500	
			0	0	
4270 In-State Mileage	2,726	1,750	2,500	2,500	Travel expense reimbursement
4271 Other Transportation		250	50	50	
4273 Lodging	2,550	1,600	3,000	4,000	Off-site conference and training lodging
4274 Meals/Gratuities	11,627	14,500	15,000	15,000	Includes 51 retirement
			0	0	
4380 Out of State Mileage	0	0	200		
4381 Other Transportation (out of sta	753	2,000	1,000	3,000	Travel expense, Advisory travel included = \$500
4383Lodging (out of state)	851	1,000	2,500	2,500	Conference and training lodging
4384 Meals/Gratuities	0	500	500	1,000	
			0		
4402 Gas/Oil	45,481	42,500	52,000	45,427	
4403 Diesel Oil	9,172	7,000	11,000	5,949	
4421 Repairs Case & Backhoe	422	2,400	1,000	1,000	
4423 Repairs Parts/Supply	20,239	28,950	24,000	24,000	
4424 Repairs Snowmobile	5,965	2,350	6,000	6,000	New model parts more expensive
			0	0	
4521 Electric	9,818	10,000	10,400	10,400	
4532 Bottled Water	723	1,000	1,000	1,000	
4536 Other Utility	1,415	1,275	1,500	1,500	Town water, waste water
4551 Freight	3,100	5,200	5,000	5,000	
4601 Rent Land	500	450	500	400	Abol sled sheds
4602 Rent Plane	931	809	1,200	1,000	
4616 Rent Misc. Office Equipment		0	200	200	
4661 Rent Equipment	1,905	600	1,000	1,000	
4701 Repair Road/Grounds	1,606	4,640	1,000	5,000	BSP does own repair to grounds
4711 Repair Building	31,285	9,000	5,000	15,000	
4721 Repair Equipment	7,603	8,500	10,000	10,000	
4726 Repair Radios	2,576	1,000	4,000	3,000	
4735 Maintenance Agreements	17,486	16,000	16,224	16,224	
4751 Misc. Repairs	2,483	1,000	2,000	2,000	
			0	0	
4801 Insurance Building	2,873	3,000	2,500	3,000	
4811 Insurance Equipment		0	300	100	
4825 Insurance General Liability	6,245	3,000	3,750	2,000	
4841 Employees Bond	120	125	125	100	
4845 Workers Comp Ins.	32,651	30,000	35,000	35,000	
4852 Auto Insurance	5,438	6,750	7,000	7,500	
4880 Eye Exam	206	500	1,500	1,500	
4881 Lens Stat	231	1,000	1,800	1,800	

	ACTUAL BUDGET FY07	ANNUAL BUDGET FY08 (est.)	ANNUAL BUDGET FY09	BIENNIAL BUDGET FY09	REMARKS
4901 Stamps/Parcel Post	241	100	100	100	
4909 Courier Service	135				Payroll Delivery/State going paperless in 09
4911 Metered Postage	4,007	5,000	5,000	6,000	
4913 Inter Government postage	22		0		
4926 Disposal Haz Waste	183		0		
4929 Printing/Binding	6,670	13,500	16,224	16,224	Forms, Annual Report, etc.- Distanc Hiker Rev./reprint, Alpine Tundra reprint, Day Use Hiking map, local printing.
4941 Print Report (State of Maine)	70	75	75	75	
4946 Advertisement Notices	4,212	1,500	8,500	1,500	Rules & regs, Chf Rgr pos,BM pos.Tr Lbr pos.
4955 Credit Card Charges	8,600	8,300	8,750	8,653	revenue
4975 Sales Tax	49,155	52,500	50,000	59,488	
4982 Subscriptions	886	750	900	600	
4995 General Expenses	3,162	37,297	40,000	37,297	Contingency fund - includes S&R, storm repairs, etc.
			0		
5013 Employee Training	5,632	15,000	10,000	10,000	Tuition and materials only
5201 Fuel oil	5,218	10,050	12,000	8,653	Increased costs in oil products/3rd qtr FY08 \$9039
5202 LP Gas	4,500	4,200	6,000	6,000	Reimbursed by employees
5211 Firewood	4,280	4,375	5,000	6,500	HQ garage, KP, DP
5302 Telephone	21,863	22,750	25,000	25,000	Includes data lines
5304 Cellular Phones	4,029	4,300	4,300	4,867	
5346 PC & Networking Software	1,979	5,000	5,000	5,000	Software upgrades & license fees
5350 Repair Computers		500	500	500	
			0		
5401 Clothing	16,949	12,500	15,000	13,000	New change in uniforms
			0		
5602 Office Supply	6,119	7,000	7,000	10,000	
5611 Interpretation/Education	130	1,500	2,000	2,000	library
5629 Books & Maps for Resale	27,947	18,000	28,000	20,000	
5636 Miscellaneous Supply	49,844	60,000	50,000	45,000	Screws, nails, flashlights, etc
5650 Misc. Minor Equipment	39,681	57,800	63,300	50,000	See page 5 for breakdown
		0	0	0	
5812 Culverts	3,246	5,000	3,000	3,000	Includes SFMA and Park Maintenance
5830 Lumber	3,491	6,750	5,000	7,500	
5861 Signs	851	2,500	2,000	4,000	
		0	0		
Sta-cap	22,836	19,418	25,571	25,346	@0.811% of Personal Services & All Other for FY03
Total All Other	741,665	840,349	931,655	880,916	
TOTAL ALL OTHER & STA-CAP	764,500	859,767	957,226	906,262	

	ACTUAL BUDGET FY07	ANNUAL BUDGET FY08 (est.)	ANNUAL BUDGET FY09	BIENNIAL BUDGET FY09	REMARKS
Capital			0		
7101 Bldg./Improvements	24,343		0	20,000	Field improvements (FY08 - CP Bunkhouse)
Wood sheds SBP, Daicey			7,000		
Vaults & covers for outhouses			4,000		2 Vaults, 4 covers
HQ entrance accessibility			5,200		
TP Gatehouse		15,000	0	0	
7200 Equipment					
Wood furnace - garage		0	6,500	5,000	Garage furnace
Pave driveways			12,000		
Window replacement HQ			20,000		
Increase insulation HQ addition			5,000		
Exterior painting HQ addition			3,000		
elevator upgrade and inspection			3,000		
7203 Data Processing Equipment		0	0		
7211 Motor Vehicle Transportation	131,967		0		
vehicles - new		65,000	66,000	72,800	(2-3) New vehicles (Depends on vehicle trade in value)
vehicles - used		36,000	28,000	31,200	(2) Used Vehicles
snowsleds		19,000	20,000	22,880	(2-3) Snow mobiles
Flat bed lumber trailer			5,500		
7231 Garage Construction Equip		3,000	0		
Sand Spreader			4,500		
7240 Communications		0	5,000	25,000	Replacement Module for Traveler Information AM Radio Station
7286 Misc equip		0	0		
TOTAL CAPITAL	156,310	138,000	194,700	176,880	
	2,996,575	3,156,037	3,373,317	3,327,473	

Capital Reserve					
HQ roof			50,000	0	Total in Capital Reserve Account = \$158,000

	ACTUAL BUDGET FY07	ANNUAL BUDGET FY08 (est.)	ANNUAL BUDGET FY09	BIENNIAL BUDGET FY09	REMARKS
4015 Labor			0		
A. SCA	54,977	63,232	67,232	63,232	Increase of 4% each year/this line will decrease for season 2010
B. Other		2,080	0	0	
C. MCC	7,000	11,716	23,500	12,184	
TOTAL	61,977	77,028	90,732	75,416	
4099 Professional Services	2,462				
A. Janitorial	13,260	13,000	13,000	13,000	
B. Rubbish Removal	9,586	14,500	14,500	14,500	
C. Vault Pumping	2,865	6,000	6,000	6,000	
D. Forest Management	2,615	4,000	4,000	15,000	FSC Certification Audit/CRFU dues
E. Road Construction & Maint.(SFM)	26,185	26,000	27,825	25,000	Routine mntnc, rehabilitation, snowplowing, low bed cost, cont.
G. ADA Contracted Services		2,500	2,500	2,500	Contract Laborers
H. Campground Firewood	12,357	15,750	16,000	16,000	
J. Contract workers	24,178	10,000	30,000	10,000	Chinking Spike Camp 8,000/KP Library repairs 15,000
K. HQ Lawn Services	1,892	2,000	2,100	2,100	Dennis Cox
L. Audio/video Productions	150	2,500	2,500	2,500	
M. BSP Road Maintenance	59,163	80,000	80,000	80,000	
O. Computer Technician	6,000	5,000	15,000	5,000	Bruce Grant and Mike White
S. Snow Plowing	4,778		5,000	5,000	BSP will do
T. Monitoring Surveys		4,000	4,000	4,000	
U. Archivist	2,947	10,400	10,400	10,400	
Totals	168,438	195,650	232,825	211,000	
			0		
5650 Misc. Minor Equipment	20,370	29,500	29,000	29,500	Axes, Chainsaws, Rakes, Fire-extinguishers, etc.
A. Radios 100 Watt (vehicle)		2,700	2,500	3,000	2 per year
B. Radios 45 (camp)	3,591	1,300	2,500	3,000	2 per year
C. Hand Held Radios	1,605	1,300	4,000	2,000	2 per year
D. Wood Stoves	1,148	1,000	1,700	1,000	
E. Refrigerators		1,500	2,600	1,500	
F. Hot Water Heaters			0	0	
G. Air Conditioners	572		0	0	
H. Computers/printers/digital projec	10,034	10,000	13,000	10,000	
I. Canoes			0	0	3 per year from donation account
J. Fire Equipment	2,361	500	2,400	500	
Dumpsters			1,000		
bbq pits/rings			2,100		
generator			2,500		
H. Portable Defibrillators		10,000			
Totals	39,681	57,800	63,300	50,500	

G. APPENDICES

I. OPERATIONAL HIGHLIGHTS AND OVERVIEW

BAXTER STATE PARK

2008 SEARCH - RESCUES - INJURIES

DATE	NAME	LOCATION	PROBLEM
2/14	Andy Gillespie	Cathedral Trail	Dislocated Shoulder
3/10	Peter A. Roderick	Hunt Trail	25' fall, broken leg*
5/25	John Lund	Russell Pond	Leg injury **
5/31	Bill Bentley	Trout Brook Farm	Lost canoer
6/2	Chris Hanley	Trout Brook Farm	Possible broken tailbone
6/5	Kyle Trotman	Hunt Trail	Broken wrist
6/6	Danielle Burton	Abol Campground	Irritation of reoccurring knee injury
6/14	Jaeger Wells	Chimney Pond - Roaring Brook	Injured knee / dislocated shoulder
6/26	Neil Nighman	Helon Taylor Trail	Overdue hikers
6/26-27	Audrey LaBelle	Hunt Trail	Dense fog - overnight on mountain
7/2	Ed Reitz III	Daicey Pond / AT	Laceration/flap wound/hand
7/4	Ben Kirkendall	Slide Dam	Deep laceration -head
7/5	Sarnacki / M. & A. Clark	Matagamon Lake	Capsized canoe
7/5-6	Deepak / Dipthi / Harshna	Knife Edge	Vertigo / exhaustion / dehydration
7/5	Jackie Young	Roaring Brook	Allergic reaction
7/12	Darlene Blow	Big Niagara Falls	Broken wrist
7/16	Billy L. Smith	Little Niagara Falls	Knee injury
7/20	Luke Poussard	Chimney Pond	Kidney stones
7/23	David Loiewski	Chimney Pond	Overtired - sore ankle
7/24	Sara Stalman	Katahdin	Overnight on mountain
8/3	Swan Engel	South Branch Pond	Sprained / strained wrist
8/3	Camp Kieve	Telos Cut Campsite	Capsized canoes
8/9	Dulcy Lary	Wass. Stream Trail	Lost hikers on Sandy Stream Trail
8/9	Ken Rockwell	Abol Trail	Concern - no flashlight / didn't know trail
8/14	Theresa VanVeelen	AT-1st Bridge Crossing	Head/leg wound
8/15	William MacDonald	BSP Tote Road	Multiple abrasions
8/16	Christie Ladd	Helon Taylor Trail	Right knee injury

BAXTER STATE PARK

2008 SEARCH - RESCUES - INJURIES, Continued

DATE	NAME	LOCATION	PROBLEM
8/16	Brandon D. Kertesz	Trout Brook Crossing	Missing kayaker
8/22	Amy Caron	Ledge Falls / Nes. Stream	Laceration
8/22	John Winslow	South Branch Pond	Fainting - thumb dislocation
8/26	Enno Becker	Nesowadnehunk	Fall Center Mt. - bruising, pain lower back
8/29	Josh Dubnick	Ledge Falls	Possible right leg fracture near ankle
9/12	Christin Olive	AT / near Niagara Falls	Seizure
10/4	Nilsa Carrasquillo	South Turner Mtn.	Right ankle/lower leg injury
12/19	Bruce H. Rieger	Chimney Pond	Fracture lower right leg ***
12/21	Shawn Browning	Roaring Brook	Knee injury - transport from the Park

Total = 36

* joint mission between BSP / IF&W

** required float plane evacuation

*** required helicopter evacuation

2008 COURT CASES

DATE	CASE#	NAME	VIOLATION	DESCRIPTION	FINE	DISPOSITION	TYPE
2/29/2008	2008-70-01	Christine Harvey	BSP# 21	No snowmobiling area	\$250	Guilty	Criminal
2/29/2008	2008-70-02	David Russell	BSP# 21	No snowmobiling area	\$250	Guilty	Criminal
7/25/2008	2008-70-03	Brandon Carpenter	BSP# 7	Unauthorized camping	\$250	F/A Warrant	Criminal
8/22/2008	2008-53-01	Jonathan McNutt	Title12 13068-A (4)	No PFD in water craft	\$130	Guilty	Civil
8/22/2008	2008-53-02	Jennifer Ward	Title12 13068-A (4)	No PFD in water craft	\$130	Guilty	Civil
8/22/2008	2008-53-03	Marlene Morin	Title12 13068-A (4)	No PFD in water craft	\$130	Guilty	Civil
9/11/2008	2008-57-01	Donna Bottari	Title 12 1260 (1)	Violation Fishing Rule	\$130	Guilty	Civil
9/11/2008	2008-57-02	John Bottari	Title 12 1260 (1)	Violation Fishing Rule	\$130	Guilty	Civil
10/4/2008	2008-53-04	Alexandra Shipley	BSP# 17	Climbing/Class IV	\$250	Guilty	Criminal
10/4/2008	2008-53-05	Claes Batley	BSP# 17	Climbing/Class IV	\$250	Guilty	Criminal
10/4/2008	2008-53-06	Sean Koomen	BSP# 17	Climbing/Class IV	\$250	Guilty	Criminal
10/4/2008	2008-53-07	Cassandra Castillo	BSP# 17	Climbing/Class IV	\$250	Guilty	Criminal

2008 COURTESY WARNINGS

DATE	CASE#	NAME	VIOLATION	DESCRIPTION
8/3/2008	2008-58-01	Mark Falanga	Title 17A 501 B	Disorderly Conduct

BAXTER STATE PARK VOLUNTEERS 2008
THANK YOU ALL!

Trails

Appalachian Mountain Club

Kelly Caruso	Dan Eilertsen	Dana Kirkpatrick	Julie LePage
Ali Kosiba	Chris Bergin	Michael Sullivan	Bill Patrick
Malcolm Crawford	Whitney Newton	Tecla Ris	Barbara Roos

BSP Trail Friends

Joe Saetta	Cheryl Pratt	Gerry Locke	Anthony Spano
Mike Zlogar	Sue Zlogar	Robert Cressey	Doug Dolan
David Wilcox	John F. Bialecki	Annette Barr	Caroline Ahonen
Remy Vazquez	Chris Bergin		

BSP Trail Stewards

Jane Brann	Hope Bates	Nelson Daigle	Barbara Bentley
Bill Bentley	Sue Bodyke	John Minott	Charlie Jacobi
Doug Rich	Jim Dunham	Dean Mallar	Cathy Jewell
Suzanne Lussier	Janice Clain	Chris Hall	Tarah Hall

Colby College

	Lexie Johnson		
Steven Tatko	Emily Barlow	Lane McVey	Lindsey Hunterwolf
Tim Buckingham	Erik Baish	Nick Hunnwell	Brendan Murray

Maine Appalachian Trail Club

		Geoff Shadman	Julie Butcher
John Neff	Rick Ste. Croix	Dan Day	Ken Beach
George Lee	Robert Deslauriers	Ed Andrews	Nancy Andrews
Cliff Ives	Jeff Toothaker	Melanie Taylor	Ray Corey
Peter Stern	Craig Rightmore	Janice Clain	Paul Hadala

Maine Conservation Corps Environmental Educators

				Molly Meserve
Timothy Rowell	Sarah Mazur	Jo Hersom	Ellen Pattae	Lucy Van Hoole
Ann Speers	Sarah Gross	Jacob Aman	Margaret Chabot	Heather Germadnik

Maine Conservation Corps Field Teams

		Chris Bartlett, Crew Leader	
Noah Wachtel	John Stevens	Jen Comfort	Cora Campbell

MCC Maine Trail Crew

	Justin Evanylo Crew Leader		Michaela Hunt
Shaina Bronstein	Brian Steffen	Renee Mayer	Rob Read

Individuals	Caledonia Moore	Jeremy Niles	Nadejda Stancioff
Jacob Ireland	Rosemary Hastings	Cindy Dunham	John McDale
Dave Edwards	Jim Hodgdon	Carla Ritchie	Mike Perry
Stacey Guerin	Caleb Guerin	Joe Guerin	Earl Edwards
Amelia Cotter	Delia Farrell	Jacob Filderman	Ivan Kuencer

Search and Rescue

Dirigo Search and Rescue

David Martin	Mat Lint	Lee Jackson	James Collins
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Lincoln Search and Rescue

Peter Goebel	Mike Avery	Carl Stewart	Jon Harris
John Famburg	Verne McMoarn		

Mahoosuc Mountain Search and Rescue

		Patrice thibodeau	
Bob Baribeau	Neil Baribeau	Aaron MacFawn	Eric Murray
Matt Baroin	Nancy Babcoc	Jim Cisco	Roger St.Amand
Jessica St.Amand	Mik Oyler	Michelle Day	Rachel Oblath
Rich Najdowski	Katie MacDonald	Anna Condino	Jeff Hudson
Emily Mitchell	Sam Heidenreich	David Walker	Toshio Hashimoto

Mount Desert Island Search and Rescue

		Cecily Swinburne	
Steve Hudson	Hilary Hudson	George Gilpin	Jeff Hunter
Andrew Louw	Davin O'Connell	Peter Hudson	Ed Pontbriand

Wilderness Rescue Team

		Mark Sairio	
Lance Paradis	Walter Plugge	Lori Scott	Paul Bourget
Mike Winslow	Kris Winslow	Jon Buschhorn	Holly Buschhorn

Maintenance and Campground

Mitchell Institute

	Allison Perry	Katlyn Read	Kate Reichert
Noah Burke	Jarrod Burton	Jonathan Cunningham	Travis Deabay
Kimberly Dean	Samantha Fairchild	Ryan Fitzsimmons	Katherine Gray
Nicolette Green	Kelsie Hanscom	Man Ho	Shannon Hulst
Alexa Kaubris	Rebecca Lemont	Greg Maalouf	Joshua Marcho
Rachel McGlinn	Kevin Mitchell	Stanis Moody-Roberts	Tana Scott

Longacre Expeditions

Ashley Dresser	Greg Girvener	Natalia Varela	Alexandra Orth	Walta Estrada
Evan Camp	Dmitru Curris	Matthre Pierce	Sasha Shea	Tania Coronado
Gabe Werman	Christopher Henry	Jennifer Frias	Victor Wang	Jeremy Drexler

Volunteers for Peace

Christophe Aebi	Turi Hyeyeon Bae	Jonas Ackerman
Tsubasa Fujll	Guillaume Nyssens	

Kieve Wavus Camp

Laura Karabell	Mandy Mathias	Hannah Finn	Maggie Barger
Len Karabell	Mike Mathias	Cary Finn	Cindy Barger
Cara Fitzgibbon	Linsday Gallo	Emma Murphy	Charlotte Gerchick

4H Tanglewood Camp

Caledonia Moore	Delia Farrell	Jeremy Niles	Cindy Durham
Jacob Filderman	Ivan Kuencer	Nadejda Stancioff	Amelia Cotter

Boy Scouts of America Troop 53

Neil Ouelette	Ronnie Michaud		
Ken Batron	Terry Mitchell	Alex Mitchell	Patrick Commeau

Boy Scouts of America Troop 446

Kevin Shores	Lincoln Sennett
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Individuals

Alton White	David Edwards	Earle Edwards	James Hodgdon	Shawn Kinhead
Cheryl Pratt	Thomas Frazier	Terri-Anne Miller	Bob McLaughlin	Joe Guerin
Carol Leckey	Richard Bray	John Bertagni	James Bailey	Warren Nelson
Laurie Rich	Jensen Russell	Eric Pilant	Tyler Bubar	Stacey Guerin
Mike Kinkea	Bruce Hancock	Carla Ritchie	Maine Maritime Academy	

II. Appendix

Scientific Forest Management Area

Note: All Products in Thousands of Pounds

Scientific Forest Management Area
Wood Product Revenue Summary, FY 2009

All Production											
PRODUCT	VOLUME MLB	%GRP %TOT	GROSS REVENUE	%GRP %TOT	SERVICE COSTS	%GRP %TOT	ROAD TOLL COSTS	%GRP %TOT	NET REVENUE	%GRP %TOT	NET \$/MLB
Pine Sawlogs	573.628	0.06	26,386	0.08	11,172	0.06	879	0.06	14,335	0.10	24.99
Spruce/Fir Sawlogs	8,940.085	0.88	325,230	0.92	167,537	0.89	12,230	0.89	145,462	0.98	16.27
BSP Project Sawlogs°	600.45	0.06	0.00	0.00	10,516	0.06	608	0.04	-11,124	-0.07	-18.53
TOTAL SWD LOGS	10,114	0.44	351,615	0.54	189,225	0.46	13,717	0.46	148,673	0.71	14.70
Spruce/Fir Studwood	555.940	1.00	17,980	1.00	9,757	1.00	695	1.00	7,529	1.00	13.54
TOTAL STUDWOOD	556	0.02	17,980	0.03	9,757	0.02	695	0.02	7,529	0.04	13.54
Spr/Fir Pulpwood	5,441.350	0.93	155,132	0.95	95,496	0.93	7,336	0.93	52,300	0.98	9.61
Hemlock Pulpwood	398.270	0.07	8,303	0.05	6,990	0.07	517	0.07	797	0.02	2.00
TOTAL SWD PULPWOOD	5,840	0.26	163,434	0.25	102,485	0.25	7,853	0.27	53,096	0.25	9.09
BSP Campground Firewood°	558.000	1.00	0	1.00	9,793	1.00	655	1.00	-10,448	1.00	-18.72
TOTAL SWD FIREWOOD	558	0.02	0	0.00	9,793	0.43	655	0.03	-10,448	0.46	-18.72
TOTAL SWD PRODUCTS	17,068	0.75	533,030	0.82	311,260	0.75	22,920	0.77	198,850	0.95	11.65
Hardwood Sawlogs	158.627	1.00	4,908	1.00	2,975	1.00	152	1.00	1,780	1.00	11.22
TOTAL HWD LOGS	159	0.01	4,908	0.01	2,975	0.01	152	0.01	1,780	0.01	11.22
Aspen OSB	2,626.930	0.49	55,166	0.50	46,103	0.49	3,297	0.04	5,766	0.49	2.19
Mixed Hardwood Pulpwood	2,696.540	0.51	56,256	0.50	47,324	0.51	2,979	0.03	5,953	0.51	2.21
TOTAL HWD PULPWOOD	5,323	0.23	111,422	0.17	93,427	0.23	6,276	0.21	11,719	0.06	2.20
Mixed Hardwood Firewood	172.750	0.03	2,981	0.03	2,681	0.03	138	0.00	163	0.01	0.94
BSP Ranger Firewood°	139.700	0.02	0	1.00	2,452	0.02	101	0.02	-2,553	-0.23	-18.28
TOTAL HWD FIREWOOD	312	0.01	2,981	0.13	5,132	0.22	239	0.01	-2,390	0.10	-7.65
TOTAL HWD PRODUCTS	5,795	0.25	119,311	0.18	101,535	0.25	6,668	0.23	11,109	0.05	1.92
TOTAL PRODUCTION*	22,862		\$652,341		\$412,795		\$29,587		\$209,959		\$9.18
REVENUE PER MLB			\$28.53		\$18.06		\$1.29		\$9.18		

° Harvested for internal Baxter State Park use.

Scientific Forest Management Area
Wood Product Revenue Summary, FY 2009

PRODUCT	VOLUME MLB	Commercial Production		GROSS REVENUE			SERVICE COSTS			ROAD TOLL COSTS			NET REVENUE			NET \$/MLB
		%GRP %TOT	%GRP %TOT		%GRP %TOT	%GRP %TOT		%GRP %TOT	%GRP %TOT		%GRP %TOT	%GRP %TOT		%GRP %TOT	%GRP %TOT	
Pine Sawlogs	573.628	0.06		26,386	0.08		11,172	0.06		879	0.07		14,335	0.09		24.99
Spruce/Fir Sawlogs	8,940.085	0.94		325,230	0.92		167,537	0.94		12,230	0.93		145,462	0.91		16.27
TOTAL SWD LOGS	9,514	0.44		351,615	0.54		178,709	0.46		13,109	0.46		159,797	0.68		16.80
Spruce/Fir Studwood	555.940	1.00		17,980	1.00		9,757	1.00		695	1.00		7,529	1.00		13.54
TOTAL STUDWOOD	556	0.03		17,980	0.03		9,757	0.03		695	0.02		7,529	0.03		13.54
Spr/Fir Pulpwood	5,441.350	0.93		155,132	0.95		95,496	0.93		7,336	0.93		52,300	0.98		9.61
Hemlock Pulpwood	398.270	0.07		8,303	0.05		6,990	0.07		517	0.07		797	0.02		2.00
TOTAL SWD PULPWOOD	5,840	0.27		163,434	0.25		102,485	0.26		7,853	0.28		53,096	0.23		9.09
TOTAL SWD FIREWOOD	0	0.00		0	0.00		0	0.00		0	0.00		0	0.00		
TOTAL SWD PRODUCTS	15,909	0.74		533,030	0.82		290,951	0.75		21,656	0.77		220,422	0.94		13.85
Hardwood Sawlogs	158.627	1.00		4,908	1.00		2,975	1.00		152	1.00		1,780	1.00		11.22
TOTAL HWD LOGS	159	0.01		4,908	0.01		2,975	0.01		152	0.01		1,780	0.01		11.22
Aspen OSB	2,626.930	0.49		55,166	0.50		46,103	0.49		3,297	0.04		5,766	0.49		2.19
Mixed Hardwood Pulpwood	2,696.540	0.51		56,256	0.50		47,324	0.51		2,979	0.03		5,953	0.51		2.21
TOTAL HWD PULPWOOD	5,323	0.25		111,422	0.17		93,427	0.24		6,276	0.22		11,719	0.05		2.20
Mixed Hardwood Firewood	172.750	0.03		2,981	0.03		2,681	0.03		138	0.00		163	0.01		0.94
TOTAL HWD FIREWOOD	173	0.01		2,981	0.14		2,681	0.12		138	0.01		163	0.01		0.94
TOTAL HWD PRODUCTS	5,655	0.26		119,311	0.18		99,083	0.25		6,566	0.23		13,662	0.06		2.42
TOTAL PRODUCTION	21,564			\$652,341			\$390,034			\$28,223			\$234,084			\$10.86
REVENUE PER MLB				\$30.25			\$18.09			\$1.31			\$10.86			

Scientific Forest Management Area

Wood Product Revenue Summary, FY 2009

BSP Project Sawlogs & Firewood

PRODUCT	VOLUME MLB	GROSS REVENUE	SERVICE COSTS	ROAD TOLL COSTS	NET REVENUE	NET \$/MLB
BSP Project Sawlogs °	600.45	0	10,516	608	-11,124	-18.53
TOTAL SWD LOGS	600	0	10,516	608	-11,124	-18.53
BSP Campground Firewood °	558.000	0	9,793	655	-10,448	-18.72
TOTAL SWD FIREWOOD	558	0	9,793	655	-10,448	-18.72
TOTAL SWD PRODUCTS	1,158	0	20,309	1,263	-21,572	-18.62
BSP Ranger Firewood °	139.700	0	2,452	101	-2,553	-18.28
TOTAL HWD FIREWOOD	140	0	2,452	101	-2,553	-18.28
TOTAL HWD PRODUCTS	140	0	2,452	101	-2,553	-18.28
TOTAL PRODUCTION	1,298	\$0	\$22,760	\$1,365	(\$24,125)	(\$18.58)
REVENUE PER MLB		\$0.00	\$17.53	\$1.05	(\$18.58)	

III. INFORMATION/EDUCATION

2008 Earth Day Roadside Litter Pickup Participants

Lania Bell	Ashley Mackin	Barry MacArthur	Mike Martin
BobMarquis	Sarah Marquis	Frank Manzo, jr.	Dave Moore
Judy Moore	Tom Montieth	Don Nodine	Mike Olsen
Deanna Oakes	Anthony Post	Laurie Rich	Elaine Richard
Steve Richard	Micah Rodgerson	Shane Rushlow	Gabe Schenck
Jonathan Smith	Karen Somers	Kyle Somers	Lauren Somers
Dylan Thomas	Glen Thomas	Keegan Thomas	Ray Thomas
SuzanneAmbrose Thomas		Jodi Tollett-Browning	Dawn Tower
Ervin Tower	Erica Walsh	Gabe Williamson	Marcia Williamson
Chaitanya York	Youth Ideas and Partnership Project, Jessica Meserve leader		
Barbara Bentley	Jensen Bissell	Jane Brann	Bob Brodeur
Wayne Brooker	Conrad Bulley	Jessica Bulley	Thomas Bulley
Yolanda Bulley	Colin Butterly	Magaret Butterly	Jim Butterly
Boy Scout Troop 202	Jeff Brooks	Austin Clogston	Eileen Coyne
Gail Curtis	Nelson Daigle	Becky Drennan	Robie Foster
Diane Freelove	Jen Gardner	Phyllis Gardner	Stewart Guay
Loren Goode	Jenna Hall	Greg Hartley	Jean Hoekwater
Anne Huntington	Charlie Jacobi	Charlie Kenney	Laura Kenney
Michael Kinhead	Shawn Kinhead	Charity Levasseur	Dean Levasseur
John Levesque	Ruth Levesque		

Example of a Geocache Write-up Author, Eric Hendrickson

The Traveler

N 46 04.367 W 68 50.706

This earthcache will bring you to top of The Traveler, the tallest mountain in the northern part of Baxter Sate Park. There is much more to this mountain than its height, how did it form?

Welcome to the 209,501-acre Baxter State Park, a wilderness area that was a gift to the people of the State of Maine by former Governor Percival P. Baxter and established as a park in 1933. While the Park's main attraction is Katahdin there are many other natural features within the Park's boundaries. Gov. Baxter expressed the spirit of the Park when he said, "Man is born to Die, His Works are Short-lived Buildings Crumble, Monuments Decay, Wealth Vanishes But Katahdin in All Its Glory Forever Shall Remain the Mountain of the People of Maine."

Traveler Mountain dominates the skyline of the northern section of Baxter State Park. It was given its name by loggers using the East Branch of the Penobscot River. The mountain appeared to move along with the loggers as they went down river. The story of this mountain begins, during the Lower Devonian Period, approximately 400 million years ago, as the accumulation of lava flows and beds of volcanic ash formed volcanic islands in an ancient sea. The flows and ash beds formed what is known as Traveler rhyolite. Rhyolite is an extrusive rock composed of very small mineral grains due to the quickness with which it cooled. The weathered surfaces of outcrops of rhyolite may be nearly white, light gray, blue-white, or stained brown or red by iron, but freshly exposed surfaces are generally dark in color.

According to Douglas Rankin who has studied the volcanic rocks in the Traveler Mountain area in great detail, the Traveler rhyolite consists of many separate lava flows, one on top of another, which have an estimated total thickness of several thousand feet. Rankin has found that besides the lava flows, deposits of volcanic ash, now firmly bonded into solid rock called

tuff, also occur as part of the Traveler rhyolite. The hills and mountains in the Traveler Mountain area are not the peaks of volcanoes which once were active in this region, but probably the eroded roots or remnants of the volcanoes.

One of the most interesting features of the Traveler rhyolite is the occurrence of columnar jointing in many outcrops. Columnar jointing, as the name suggests, causes the rock to break into long columns which usually have a more or less definite five or six-sided pattern, and is occasionally so perfectly developed that the columns seem to have been cut. The blazed trails in the Traveler area does not cross any outcrops, which display well developed columnar jointing. If you look carefully as you approach the top you will see a number of examples of columnar jointing as the trail twists its way through the rock.

To log this earthcache you will have to hike along the Center Ridge Trail/Traveler Loop off the Pogy Notch Trail with its trailhead located near the South Branch Campground. While hiking to this earthcache make sure to follow the trail and be well prepared as a great deal of the trail is above treeline. The Traveler has a surprising amount of bare area on the summit for mountain of this altitude and should be approached with the usual care during a thunderstorm. The posted coordinates will bring you to the summit of The Traveler. Remember this is an earthcache, so there is no container - just an earth science lesson at a beautiful natural feature. To log this cache, you must answer an educational question and post a photo of yourself or your hand with your GPS showing the summit area. Please do not include the front of the summit sign in your photo. Email me through my profile the information on the sign that describes why this is such a special place. Please include the name of the earthcache and the number of people in your group in your email. Then post your photo with your log taking the time to describe why you find this location special so that others might have the same experience.

Please remember that this park is maintained primarily as a Wilderness and recreational purposes are regarded as of secondary importance and shall not encroach upon the main objective of the park, which is to be "Forever Wild." The park personal strive to carry out the provisions of the trust, created by Percival P. Baxter. So please make sure to follow all regulations carefully and register before you begin any hike. Remember that forethought and a little preparation are the key elements to a successful and enjoyable outdoor experience. Do not leave the trail and make sure to practice carry in-carry out" to keep this park special for the future visitors.

More information about the Baxter State Park can be found at:
<http://www.baxterstateparkauthority.com/>

Director's Research Committee meeting

July 18, 2008

Present: Dave Courtemanch

Roy Farnsworth

George Matula

Kathy Murray

Hank Tyler

Guest: Anne Huntington

Staff: Jensen Bissell, Jean Hoekwater

The meeting started @ 1:05

Jean stated that other than general update, the most important purpose of the meeting was to discuss the fact that the Park is considering what is currently done in the way of monitoring and what might be most ideal for the Park in the future. This committee is best suited to make suggestions and suggest resources we should be considering when having this discussion in-house. This is an expansion of the role the committee was originally created to fill.

The first part of the agenda included a quick overview of current research/inventory efforts happening in the Park. Jean shared the photos from K Beal's research on treeline on Katahdin.

The next portion of the agenda covered in-house monitoring that occurs in the Park.

When Jean read the list of unsurveyed ponds I F & W hoped to check in upcoming seasons, Dave C asked if they were putting out minnow traps and checking non-game species as well? Jean and Jensen were uncertain.

George Matula asked about fishing in the Park. Jensen said we were currently having very productive joint discussions with I.F. & W. staff on how to best manage the fisheries.

Considering ideas the Park might try for relevant monitoring efforts, Hank T. suggested one simple project would be to monitor the lowest elevation where *Diapensia* occurs on each trail as well as the health of the station, photographing and revisiting to document changes over time. He suggested *Diapensia* because it is easily recognized by volunteers and is widespread on the mountain but also, as an arctic plant, it is susceptible to climate warming.

The committee expressed general advisability of watching not only for rare plants but also for invasives.

Kathy M asked if we would be interested in Emerald Ash Borer traps. Jean said they would like information on these, although Park forests do not have an abundance of ash, it is still something we would be happy to track.

Kathy M also wondered if the date of Katahdin Arctic surveys could be determined by choosing by degree days. Jean admitted this was a good idea but might be difficult to implement because of schedule constraints and the actual weather needed for a count. Jean agreed it was a good starting point on which to base choice of survey dates.

Jean invited Anne Huntington to update the committee on her project of tracking down research reports and collections related to Katahdin. She mentioned a service called "Jstor" that makes obscure journal articles available. However, it can only be accessed by certain institutions and the Park may need to establish an affiliation with Orono to get access. Jim Byrd of Orono is a possible contact for computer research.

Hank T. pointed out that there are 2 kinds of research- published (peer reviewed) and websites (not juried). Websites and blogs produce many little data points where people are collecting observational data.

Anne H. considers graduate theses another area of information to be mined.

Hank T. example: Dr. Brower's (State of Maine entomologist) collection mostly in the

Smithsonian and would take a detective to track down. Hank pointed out that in the case of plants, each herbarium sample has a #. Once we have a database, we can download from places to add to our database.

Hank also mentioned that he sees E-forms on a website, such as the Park website, as very effective for citizen sightings. E-datapoint collection by citizen/volunteers can be very useful. He also reminded us that there may be an underutilized volunteer group: computer volunteers who enjoy creating databases, troubleshooting them and inputting data.

Jean and Jensen told the committee that it was likely time to re-visit the research policy and decide whether it accurately reflects the direction research has been headed over the years and whether we need to revise or add wording.

Hank discussed the breakdown between SFMA and Sanctuary in Park, providing a logical natural hierarchy for research considerations.

The committee is asking Jean to send them the electronic version of the research guidelines and an electronic version of the Park map showing hunting zones, SFMA and sanctuary zones.

George M, in reference to hunting/trapping zone of the Park, thought small mammal trapping could more easily be allowed in these areas.

Kathy commented that over time, she had realized that while the research guidelines are vague, there were definite advantages to this.

Hank encouraged us to either change the title of the Research Policy or list categories of research such as legal, park use, resource management. He emphasized there is a limited supply of money to fund research but graduate students have abundant energy, if we let it be known there are certain topics we would like to see work/research on. There are also increasing numbers of retired professors with free time.

Jean asked Dave C. to review for the committee what his DEP division is doing with inventorying aquatic resources in the state ecoreserves. There are 16 ecoreserves on public lots but only 5 with significant aquatic reserves. They are running out of reserves with significant water resources. Dave suggested that Wassataquoik watershed as a unit (the portion inside BSP) would be a likely candidate for inventory. It takes 2 yrs to complete one survey-repeat sampling is necessary to establish an ecological baseline on water quality and associated features. Questions we need to answer for ourselves: How does it fit with protocol (collection/removal)? Also is it in Park's best interest?

Information gathered in this effort can be found in several places: "Life In Maine's Lakes/Rivers (TNC/DEP/IF & W/UM publication), P.E.A.R.L. website, on fish, invertebrates, aquatic plants . . . (However, there is a noticeable geographic hole in our statewide aquatic data for Baxter State Park because so little survey work has been done there, other than for fish).

Kathy: Trying to think of practical indicator that Park might use: Collembola (would require taxonomic support to identify vouchers)

We discussed Anne Huntington's very thorough and well-documented field check for invasives on Upper and Lower Togue Ponds.

It was agreed that when we check the Park for invasives we need to document when we check and don't find species as carefully as we document when we find species. Dave mentioned that the fishless ponds in the Park are a significant research resource because there aren't that many left in Maine.

The meeting adjourned, following general discussion of current Park operations and issues and lunch.

Protocol for Conducting Surveys for Spring Salamanders At Baxter State Park, Maine

As part of ongoing statewide ecoregional surveys organized by the Maine Natural Areas Program (Maine Department of Conservation) and the Maine Department of Inland Fisheries and Wildlife (MDIFW), MDIFW is conducting presence/absence surveys for Spring Salamanders (*Gyrinophilus porphyriticus*) in 2008 in the Western Mountains, Western Foothills, and Central Mountains ecoregions, the latter encompassing all of Baxter State Park. Spring Salamanders occur in the Appalachian Mountains region from central Maine to Alabama (e.g., Petranks 1998), and have only been documented from scattered localities in central and western Maine (Hunter et al. 1999). The species typically inhabits smaller cold, clear, mountain and foothill streams, where it spends most of its time beneath rocks or in recesses within the substrate.

We are conducting time-recorded visual encounter surveys (Crump and Scott 1994) for Spring Salamanders, wherein we survey along a stream (generally working upstream) looking under rocks in and along the margin of the stream. Overturned rocks are returned to their original positions to minimize disturbance of the habitat. Numbers of all salamanders encountered are recorded, including the primarily stream-dwelling Dusky Salamander (*Desmognathus fuscus*) and Two-lined Salamander (*Eurycea bislineata*). Where Spring Salamanders are detected we are recording basic site data (e.g., stream width, substrate, water temperature, surrounding forest type, presence of fish if observed). Because we are attempting to document the species over a large portion of the state, in most cases when Spring Salamanders are found we move on to another site, usually in another township. However, at a few sites we would like to follow suitable streams through habitat gradients and survey for salamanders throughout, in an effort to determine broad-scale habitat associations (e.g., spruce-fir versus northern hardwood forests) and elevation range, and Baxter State Park offers an excellent opportunity to do this. At Baxter, Spring Salamanders may occur throughout much of the park, although they have only been documented from one area (South Branch Pond area in T5 R9 WELS township; MDIFW files). We would like to survey a number of streams in an attempt to document the species throughout the park, as well as survey one or two streams more intensively to investigate habitat associations and elevation range. Elsewhere we have generally been collecting specimens to voucher occurrence in a given township. If this is problematical at Baxter, we will instead photo voucher and release captured animals. However, if possible we would prefer to collect vouchers (one individual per site or per township is adequate). In addition, during these surveys we have generally been collecting voucher specimens of Dusky and Two-lined Salamanders, as well as other species of amphibians and reptiles found opportunistically, to document township records for the ongoing Maine Amphibian and Reptile Atlas Project (MARAP). If Baxter State Park would like us to collect specimens for this effort, one individual per species per township is sufficient. All specimens collected will be deposited in the herpetological collections of the Peabody Museum of Natural History at Yale University, New Haven, Connecticut.

Literature Cited

Crump, M.L., and N.J. Scott. 1994. Visual Encounter Surveys. Pages 84-92 *In* R.W. Heyer, et al. Measuring and Monitoring Biological Diversity : Standard Methods for Amphibians. Smithsonian Institution Press, Washington, D.C. Hunter, M.L., A.J.K. Calhoun, and M. McCollough. 1999. Maine Amphibians and Reptiles. University of Maine Press, Orono. Petranks, J.W. 1998. Salamanders of the United States and Canada. Smithsonian Institution Press, Washington, D.C.

COOPERATIVE RESEARCH AGREEMENT

This is a cooperative research agreement between Jonathan Mays of the Maine Department of Inland Fisheries and Wildlife and Baxter State Park regarding a study of Spring Salamanders in Baxter State Park. The period covered by this agreement is August 2008.

BAXTER STATE PARK AGREES TO:

1. Provide bunk space or camping accommodations for biologist Trevor Persons and Principal Investigator Jonathan Mays or any two people assigned to this project at the following locations:
 - Roaring Brook Spike Camp, August 3
 - Moosewood cabin @ Kidney Pond August 4
 - Nesowadnehunk volunteer leanto August 5
 - South Branch volunteer leanto August 6Accommodations are offered with the provision that search and rescue activities or other administrative emergencies may necessitate a need for the building in which case researchers will be asked to accommodate the circumstances.
2. Provide permission for photo vouchers only while operating in Baxter State Park. Voucher specimens are not permitted.

JONATHAN MAYS AND TREVOR PERSONS, REPRESENTING THE MAINE DEPARTMENT OF INLAND FISHERIES AND WILDLIFE, AGREE TO:

1. Abide by all Baxter State Park Rules and Regulations
2. Conduct surveys of the stream and adjacent banks with tactics designed to minimize impact of surveying. Stones disturbed during surveys will be returned to their positions.
3. Per the Park Director's request, include at least one survey site in the area designated at the Scientific Forest Management Area in Baxter State Park.
- 4.. Accommodate any Park staff interested in accompanying field surveyors in the their work and respond in a patient and respectful manner to any concerned or curious park visitors encountered in the course of fieldwork.
5. Provide for the Park files copies of all records/reports submitted to the MARAP as a result of surveys in Baxter State Park.
6. Submit for inclusion in the BSP Annual Report a brief summary of the survey methods and results, with a description of the habitat, location, specimens observed and any pertinent management considerations, no later than Feb. 28, 2008.

Park Director, Jensen Bissell _____

Date: _____

Principal Investigator, Jonathan Mays _____

Date: _____

Summary of Surveys for Spring Salamanders (*Gyrinophilus porphyriticus*) at Baxter State Park, Maine, August 3-7, 2008

Trevor B. Persons
206 Bigelow Hill Road
Norridgewock, Maine 04957
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As part of ecoregional surveys for Spring Salamanders (*Gyrinophilus porphyriticus*) being conducted by the Maine Department of Inland Fisheries and Wildlife (MDIFW) in the Western Mountains, Central Mountains, and Western Foothills ecoregions of Maine, I surveyed in Baxter State Park (BSP) between August 3-7, 2008. Despite generally high stream levels from above average summer rains, I was able to document Spring Salamanders from a number of sites, all in the eastern side of the park. Following is a summary of survey effort, results, and brief discussion. Additional data (including UTM coordinates) will be presented in a final report to MDIFW in winter of 2008-2009, and a copy of this report will be forwarded to BSP.

SURVEY RESULTS

August 3

Stream crossing Roaring Brook Road at 4.1 miles N of Togue Pond gate, in Mt. Katahdin township. In brief survey captured and photographed large adult Spring Salamander. No other species recorded.

Brief survey at small stream 5.2 miles N of Togue Pond gate. No salamanders recorded.

August 4

Hiked from Roaring Brook N along Russel Pond Trail, surveying E (upstream) many small streams crossing trail, draining South Turner Mountain. Captured and photographed larval Spring Salamander ~100 m N of jct of Russell Pond Trail and Wassataquoik Stream Trail, in T4 R9 WELS township. Also in T4 R9 photographed a Dusky Salamander (*Desmognathus fuscus*), and observed another larval Spring Salamander in large stream on W side of Wassataquoik Stream. High water levels hampered survey effort in most streams in this area. However, there are numerous good quality small streams north of Whidden Ponds, many of which likely harbor Spring Salamanders. Other species encountered were Green Frog (*Rana clamitans*), Mink Frog (*Rana septentrionalis*), and American Toad (*Bufo americanus*). Surveyed stream draining south into Rum Pond, in T2 R9 WELS township, just N of Togue Pond gate area. Steep, with embedded rocks, poor quality habitat. Surveyed Abol Stream near picnic area. Some potential habitat (cobble bars), but only observed a juvenile Mink Frog.

August 5

Surveyed stream just W of Abol Campground. No salamanders found. Stream near bankful, too fast and deep to survey effectively, and marginal habitat (large, embedded cobble and boulders).

Surveyed small stream 1.0 mile N of Abol Campground, no salamanders found. Embedded boulders in soft sand, poor-quality habitat.

Judged Katahdin Stream to be running too full for effective surveying; similar to stream near Abol Campground it is marginal habitat, with large rocks embedded in substrate.

Brief survey of stream along lower section of O-J-I Trail. Poor quality habitat, with only large, embedded rocks in silty substrate.

Surveyed small stream crossing tote road about ~1km S of Slide Dam Picnic Area. Some

good-quality habitat, but only found a Red-backed Salamander (*Plethodon cinereus*).

Surveyed another small stream opposite Slide Dam Picnic Area. No salamanders, marginal habitat, mostly embedded granite boulders, bedrock substrate.

Surveyed numerous streams along Doubletop Mtn Trail S of Nesowadnahunk Field Campground (mostly draining Mount Veto). Unlike Abol Stream, Katahdin Stream, etc., area rock was not coarse granite but rather smoother, dark rock that provided better cover for salamanders. Despite suitable habitat, I only found numerous Red-backed Salamanders and a larval Two-lined Salamander (*Eurycea bislineata*). Curiously, the Red-backed Salamanders were occupying streamside microhabitats more typical of Dusky and Two-lined Salamanders.

August 6

Drove tote road between Nesowadnehunk Campground and Trout Stream Crossing, found no suitable habitat to survey.

Surveyed stream draining Wadleigh Mountain in the southeastern portion of the Scientific Forest Management Area (SFMA). Marginal habitat for Spring Salamanders (too much bedrock, silty substrate), but did document both Dusky and Two-lined Salamanders.

Brief reconnaissance survey of Hinckley Brook in SFMA, marginal habitat for Spring Salamanders (too few rocks, substrate too muddy), but did observe a Two-lined Salamander near bridge at stream crossing on Hinckley Brook Road.

Surveyed Dry Brook, 0.5 miles E of Trout Brook Crossing, in Trout Brook township. Ideal Spring Salamander habitat, and unlike other streams throughout the park, stream level was not high, with ample exposed cobble and gravel bars. Found 4 Spring Salamanders in brief survey, as well as one Two-lined Salamander.

Briefly surveyed stream crossing entrance road just N of South Branch Pond Campground, in township T5 R9 WELS. Similar habitat as Dry Brook, and quickly found a Spring Salamander.

August 7

Surveyed Littlefield Brook, 0.5 miles E Trout Brook Farm Campground. Smaller stream than those near South Branch, with darker, more angular rock, but still with an abundance of rock, and I found a Spring Salamander after only a few minutes of searching. Also like near South Branch, water levels were not too high.

Surveyed small stream crossing tote road just W of Horse Mountain Trail in far eastern part of park (in T6 R8 WELS). Marginal habitat, Spring Salamanders possible, but not ideal, with too much bedrock, substrate somewhat silty/mucky. Found two Dusky Salamanders.

DISCUSSION

Although this was a brief survey focusing primarily on areas easily accessible from park roads, I attempted to survey in almost every township in the park. I did not survey the interior of the park, nor in the extreme northwest corner. However, based on the results of my brief surveys, combined with observations of available habitat and examination of topographic maps of the park, I can make a few general statements about the distribution of Spring Salamanders at

Baxter. Because Spring Salamanders generally require cool, rocky, medium to high gradient streams, they may be absent from the northwestern part of the park, including the entire SFMA, where the land is of low relief and streams are generally warmer and slower, with muddy substrates. At the opposite extreme, many streams in the southwestern part of the park (e.g., Katahdin Stream) may be too cold, clear, and rocky. These streams are dominated by granite cobble and boulders usually embedded in coarse granitic sandy substrates, and may not provide the loose substrates and associated interstitial spaces required by Spring Salamanders. The streams I surveyed near Doubletop Mountain appear suitable, and future surveys should be conducted there; this was by far the best potential habitat I identified in the western part of the park. Spring Salamanders likely occur throughout the eastern half of the park, at least at lower and middle elevations where streams contain enough accumulated gravel and cobble substrate to provide subterranean refuges for salamanders. Streams in the South Branch Pond region are obviously well-drained with deep gravel and cobble. Spring Salamanders are probably most abundant in this region of BSP. Future surveys could be conducted to determine the elevational range of the species in the park, but these should be undertaken during low water levels.

APPLICATION FOR SCIENTIFIC STUDY IN BAXTER STATE PARK

1. **TITLE:** Recreation Stewardship Scorecard
2. **NAME OF RESEARCHERS:** Andrew Whitman and Ethel Wilkerson, Manomet Center for Conservation Sciences

3. **RESEARCHERS' CREDENTIALS:**

Ethel Wilkerson: M.S. Aquatic Ecology, 6 years of experience in stream and aquatic research in remote areas of northern and western Maine

Andy Whitman: M.S. Wildlife Ecology, 15 years total of forest ecology research experience, 7 years of forest ecology research experience in remote areas of northern Maine (plus 3 years of experience in southern Maine)

4. **BENEFITS TO BE DERIVED FROM RESEARCH:**

Public recreation is one of the four greatest threats to managed forests in the U.S. (Bosworth 2007). Recreational uses on private and public forest lands are rapidly increasing, especially use of off-road vehicles (ORVs) (ME ATV Task Force 2003, Jensen and Guthrie 2006). Unmanaged recreation can lead to the establishment of poorly laid out trails, which can have a large impact on soils (Leung and Marion 2000), water quality (Rinnella and Bogan 2003), biodiversity (Cole 1995), and wildlife (Marion and Leung 2001). The goal of this project is to develop a quantitative, rapid-assessment system to assess recreational trail impacts of different types of trail (ATV, snowmobile, hiking, mountain biking, equestrian, and multi-use trails) on the forest ecosystem. By having an objective, repeatable impact assessment protocol, land managers and trail user groups will gain (1) a quantitative understanding of recreational impacts, (2) a method for identifying and prioritizing trail locations in need of repair and/or remediation, (3) a monitoring tool for tracking trail conditions over time, and (4) a clear and transparent process for evaluating environmental impacts of different recreation trails and user groups. With this tool, land managers can create science-

based standards for recreation trails. These standards can be used to better communicate with public user groups the justification for trail closures, re-routing, or construction. With the scoring system, landowners and managers can set defensible benchmarks for environmental impact that will help ensure responsible recreation access to public and private lands. Moreover, a standardized scoring system will enable all recreational activities (e.g., snowmobile trails, hiking trails, ATV trails, etc.) to be evaluated under the same assessment system.

Baxter State Park provides an important reference point for this project because the park is managed according to the principles of Percival P. Baxter to “be kept and remain in the natural wild state.” Trails in Baxter State Park are unique because they are limited to foot traffic, restrict pet and domestic animals, and seasonal and daily use limits are enforced.

5. DETAILED DESCRIPTION OF RESEARCH:

This project will quantify the ecological impact of different types of recreation trails (ATV, snowmobile, hiking, mountain biking, cross country/backcountry skiing, equestrian, and multi-use) across the state of Maine. The protocol for the Baxter State Park **will not** include any destructive sampling or specimen collecting.

On existing trails, we will sample data parameters (Table 1) along a 5km trail segment. Along the entire 5 km trail segment we will tally occurrences of trash, fire rings, braided trails, excessively eroded and wet sections of trail (Marion and Olive 2006) and document the presence and effectiveness of trail improvements (hardening, bog bridging, steps, water bars, switch backs, etc.).

At 6 random points along the 5 km segment we will measure the trail width, cross sectional area (Marion and Olive 2006), slope (clinometer), soil disturbance, soil compaction (pocket penetrometer), and canopy closure (densiometer, Lemmon 1957). We will also measure soil compaction 2m from the trail to use as an on-site control.

At one of random sampling points, we will temporarily establish a 20m² transect within the trail boundaries (trail transect, TT) and perpendicular to the trail (perpendicular transect, PT). The perpendicular transect will extend 20m (66ft) into the surrounding forests. Off-trail sampling will not occur in sensitive habitats (e.g. wetlands, bogs, alpine areas, etc.). Within these transects we will measure soil disturbance, compaction (pocket penetrometer), animal pellets counts (deer, moose, hare), length and depth of erosion rills or gullies (Ryder et al. 2006), and composition of trail surface materials (vegetation, exposed roots, mineral soil, boulders, altered native materials [wood/rock steps], imported materials [gravel, fill, wood chips, etc.], human disturbance (litter, fire rings, incorrect waste disposal), selected exotic species, and canopy closure (densiometer, Lemmon 1957).

At stream crossings, we will use a modified version of Best Management Practices Implementation Monitoring Protocol (Ryder et al. 2006). These protocols were developed by the Northeastern Area Association of State Foresters to assess the application and effectiveness of best management practices for forest roads. We will assess the volume of sediment entering the stream channel, stream bank integrity, flow

and habitat connectivity, fish passage, and integrity of stream substrate. We will also evaluate the use and effectiveness of management practices (bridges, culverts, fords, hardening) in reducing water quality degradation.

• Table 1. List of parameters measured and location of sampling			
• Parameter	• Tool/Method	• Measure/Citation	• Location measured: Entire segment (ES), random trail point (RTP), trail transect (TT), perpendicular transect (PT), stream crossing (SC)
Soil Disturbance		Whitman et al. 1997	RTP, TT, PT
Soil Compaction	Pocket Penetrometer	Amacher and O'Neill 2004	RTP, TT, PT
Exotic Species (this list may be altered based on feedback)	Common speedwell (<i>Veronica officinalis</i>), White Clover (<i>Trifolium repens</i>), Orange Hawkweed (<i>Hieracium aurantiacum</i>), Garlic Mustard (<i>Alliaria petiolata</i>), Wood bluegrass (<i>Poa nemoralis</i>)	Presence/Frequency of Occurrences	PT
Trail Width and Cross Sectional Area	Measuring tape, ruler,	Marion and Olive 2006	RTP
Slope	Clinometer	Percent slope of trail over 10m	RTP +/- 10M
Pellet Counts (deer, moose, hare)	Livitiatis et al. 1985, Campbell et al. 2004, Swanson and Sales 2004	Presence/Number per species within and distance perpendicular to trail	TT, PT

Human disturbance (trash, fire rings, unofficial trails, campsites, improper waste disposal)	Tally each occurrence	Number of occurrences per trail segment	ES, PT
Canopy Closure	Densiometer	Lemon 1957	RTP, PT
Area of erosion rills/gullies	Meter tape, ruler	Ryder et al. 2006	TT
Trail materials (vegetation, exposed roots, mineral soil, litter/duff, boulders, altered native materials [wood/rock steps], imported materials [gravel, fill, wood chips, etc.]	Percent Composition	Percent composition of surface type to nearest 10%	TT
Excessively wet trails	Sections trail ≥ 3 m in length with seasonal or permanently wet soils with imbedded foot prints or tire tracks ≥ 1.2 cm deep	Marion and Olive 2006	ES
Severe Trail Erosion	sections of trail ≥ 3 m in length with tread depth exceeding 13 cm	Marion and Olive 2006	ES
Trail improvements (hardening, bog bridging, steps, water bars, switch backs, etc.)	Presence and effectiveness	SCA 2005	ES
Stream crossing improvements	Presence and effectiveness	Ryder et al. 2006	SC

(bridge, culvert, ford, hardening)			
Stream Crossing Characteristics	Volume of sediment entering the stream channel, stream bank integrity, flow and habitat connectivity, fish passage, integrity of stream substrates	Ryder et al. 2006	SC

6. **AREA(S) OF THE PARK FOR THE RESEARCH:**

We will sample 5km trail segments on the following trails. No off-trail sampling will occur above 3200 ft or in sensitive habitat (wetlands, krumholtz, sub-alpine forests, and bogs).

1. Double Top Mountain Trail
2. Wassataquoik Trail
3. Sentinel Mountain Trail
4. Appalachian Trail (Abol Bridge to Daicey Pond)
5. Foss and Knowlton Pond Trail
6. Blueberry Ledges Trail
7. Russell Pond Trail
8. Wassataquoik Stream Trail
9. Chimney Pond Trail (lower section)
10. Freezeout Trail
11. Frost Pond Trail
12. Wadleigh Brook Trail
13. Five Ponds Trail
14. Pogy Notch Trail
15. South Branch Mt Trail

6. **IMPACT ON THE PARK:**

The impact on the park will be limited as the majority of sampling will occur along existing hiking trails. There will be limited soil disturbance associated with soil compaction measurements. Soil compaction measurements will be taken using a pocket penetrometer which involves placing a 0.25" (0.64cm) diameter piston 0.25" (0.64cm) into the soil surface. Trampling of vegetation will occur when taking off-trail compaction measurements and during collection from perpendicular transects. To

reduce trampling a survey crew will be comprised of one to two people and each site will be visited once, on one day. Off-trail sampling will be limited to a maximum of 20m from the trail and will not occur above 3200 ft (to avoid Bicknell's Thrush habitat, Lambert et al. 2005) and within sensitive habitats (krumholtz, sub-alpine forests, wetlands, and bogs).

The research **does not** include destructive sampling or specimen collecting. Survey plots will temporarily be marked used a plastic measuring tape which will be removed the same day as sampling. Plots **will not** be permanently marked other than to record the UTM coordinates of the transect ends using a GPS.

The crew will be lead by Andrew Whitman and/or Ethel Wilkerson and carry essential safety supplies (first aid kits, compasses, maps, GPS unit, rain gear, proper attire and boots, water, extra food, water treatment tablets, etc.). The crew will leave a detailed trip plan (map of route, times of departure and estimated time of return, and emergency contact information) with park personnel and Manomet office staff. These steps will be taken to reduce the likelihood of an accident requiring park staff assistance.

8. BUDGET:

This project has been funded independently of Baxter State Park for \$120,000 from the Northeastern States Research Cooperative and the Maine Outdoor Heritage Fund. We request no additional funding from the park.

9. TIMETABLE FOR RESEARCH AND COMPLETION OF APPLICATION:

We would like to visit sites on week days in August. We do not require use of Baxter State Park facilities though we would appreciate the opportunity to use tenting, lean-to, or bunk house facilities in the park so that research days might be kept shorter and crew safety enhanced. In December 2008 we will provide the park with a copy of a semi-technical report of our results.

COOPERATIVE RESEARCH AGREEMENT

This is a cooperative research agreement regarding the development of "Recreation Stewardship Scorecard" between Ethel Wilkerson and Andrew Whitman of Manomet Center for Conservation and Baxter State Park. The period covered by this agreement is August 2008.

BAXTER STATE PARK AGREES TO:

1) Provide bunk space for up to four field personnel on the following days, at the following locations:

August 11-12 Togue Pond Bunkhouse

August 13-14 Roaring Brook Spike Camp

August 14-15 Trout Brook Bunkhouse

2) Accommodations are offered with the provision that search and rescue activities or other administrative emergencies may necessitate a need for the building in which case researchers will be asked to accommodate the circumstances.

**ETHEL WILKERSON AND ANDREW WHITMAN, OF MANOMET CENTER FOR
CONSERVATION, AGREE TO:**

- 1) Abide by all Park Rules and Regulations.
- 2) Accommodate any Park staff interested in accompanying field surveyors in their work and respond in a patient and respectful manner to any concerned or curious park visitors encountered in the course of fieldwork.
- 3) Provide for the Park files copies of all records/reports produced and disseminated as a result of data gathered in Baxter State Park.
- 4) Submit for inclusion in the BSP Annual Report a brief summary of the trail survey methods and results, including any pertinent management considerations, no later than Feb. 28, 2008.

DATE: April 9, 2008

Baxter State Park Director Jensen Bissell _____

Date _____

Principal Investigator Andrew Whitman _____

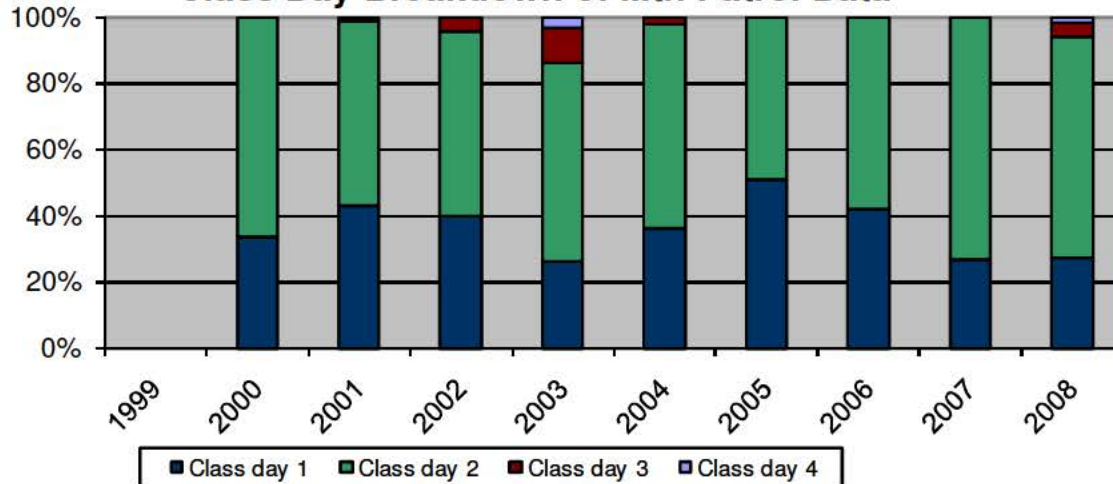
Date _____

2008 Mountain Patrol Data

Comparative Mtn Patrol Data

Class Day	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Class day 1	n/a	12	28	18	15	28	29	26	17	13
Class day 2	n/a	24	36	25	35	48	28	36	47	32
Class day 3	n/a	0	1	2	6	2	0	0	0	2
Class day 4	n/a	0	0	0	2	0	0	0	0	1
Total	0	36	41	45	58	78	57	62	64	48

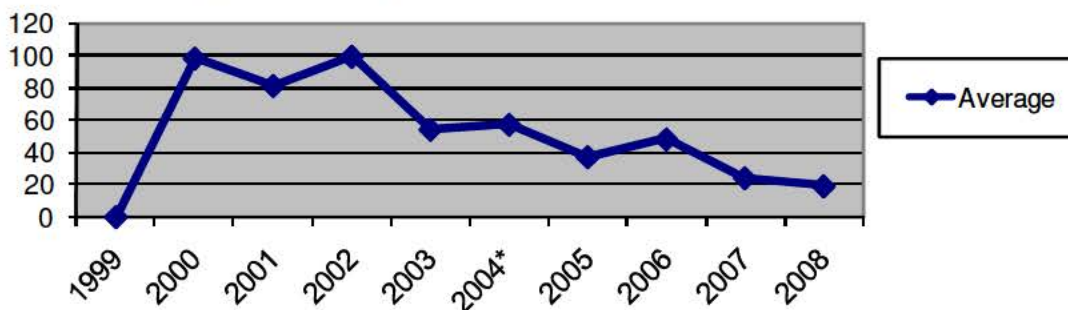
Class Day Breakdown of Mtn Patrol Data



of People met on trails

	1999	2000	2001	2002	2003	2004*	2005	2006	2007	2008	Total/avg
Minimum	n/a	n/a	n/a	0	6	0	6	3	0	2	2.42857
Maximum	n/a	n/a	n/a	225	250	227	137	150	120	110	174.1
Average	n/a	98	81	99	53.9	57	37	48	24	19	57.4

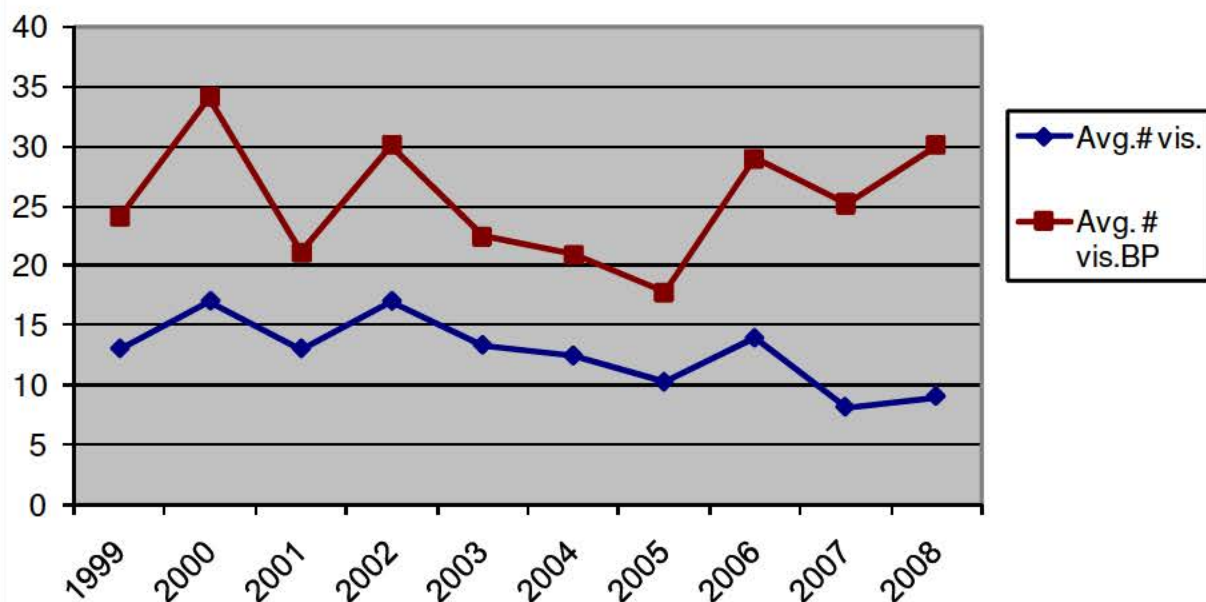
Avg. # of People Met on Mtn Patrol Hike



Patrol Days by Month										
Month	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
May	n/a	0	0	0	0	1	0	0	0	0
June	n/a	8	5	13	8	10	11	11	10	13
July	n/a	14	14	26	17	21	27	20	25	30
Aug	n/a	12	10	16	14	12	16	7	8	10
Sept	n/a	5	6	8	6	12	17	14	12	11
Oct	n/a	2	1	2	0	3	7	5	7	0
Total	0	41	34	65	45	59	78	57	62	64

# of people visible at stop points											
	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	Total/Avg
Points counted	180	175	268	193	225	352	245	408	276	208	2530
Avg.# vis.	13	17	13	17	13.3	12.4	10.2	13.9	8.1	9	12.5
Min at any pt.	0	0	0	0	0	0	0	0	0	0	0
Max at any pt.	80	103	76	75	94	116	90	121	83	110	94.8
BP counts	61	44	108	66	89	129	92	114	46	24	773
Avg. # vis.BP	24	34	21	30	22.4	20.9	17.7	28.9	25.1	30	24.2
Min # BP	0	0	0	0	0	0	0	0	6	0	0
Max # BP.	80	103	76	75	94	116	90	121	83	110	94.8

Average visible # of people



IV.STATISTICS

**Baxter State Park
Final Snowmobile
Activity Report
Winter 2008 - 2009**

Togue and Matagamon areas (Interior / Tote Rd.)

Total snowmobile counts from Matagamon and Togue gates:	3278
Number of pedestrians counted (going in <u>and</u> out both gates):	<u>954</u>
Total snowmobile counts less pedestrians:	2324
One half the snowmobile count will represent the number of actual snowmobiles that visited Baxter State Park through the Matagamon and Togue areas:	1162

**Dwelley Pond / Tote Road
by-pass**

Total snowmobile counts, represents amount of through traffic. These numbers already captured at Togue and Matagamon:	364
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Roaring Brook Road & Katahdin Lake Trail

Roaring Brook Road snowmobile count (less BSP visitors, including BSP staff, Katahdin Lake staff & visitors):	1273*
Katahdin Lake Tr. (includes K.L. staff, BSP staff & K.L. visitors):	591*

*The counts for the Roaring Brook Road and Katahdin Lake Tr. are totals.
The actual number (capturing BSP & KL staff) would be half, less KL visitors

BAXTER STATE PARK

COMPARATIVE STATISTICS - VISITOR DAYS

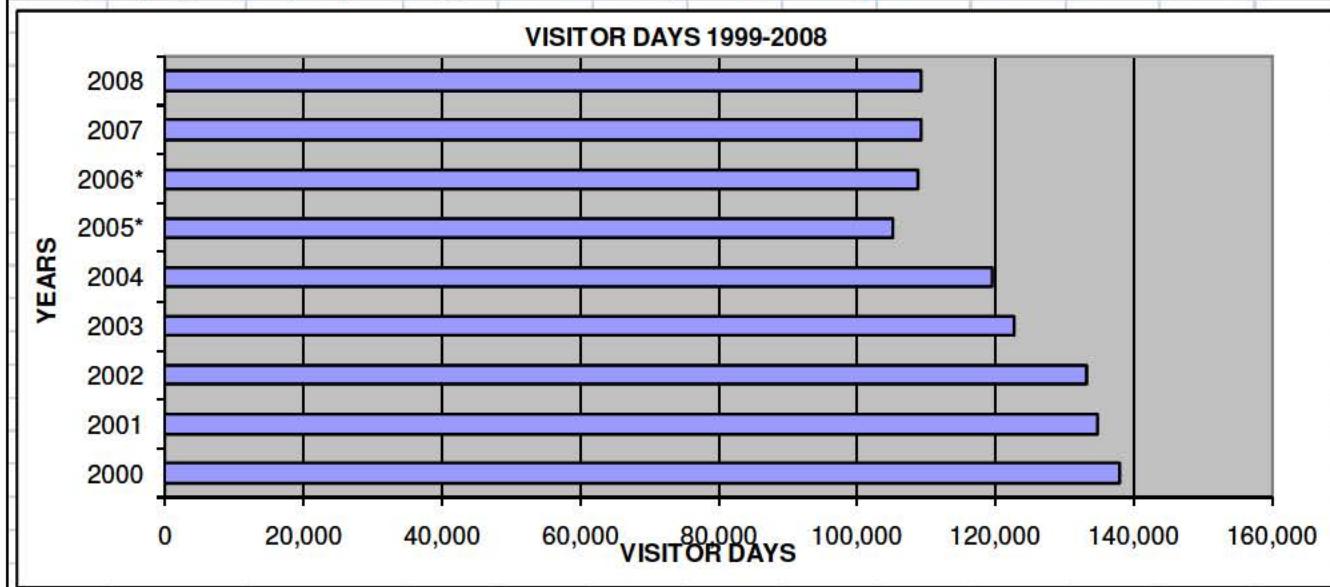
1999 - 2008

VISITOR DAY STATISTICS:	1999	2000	2001	2002	2003	2004	2005*	2006*	2007	2008
TOTAL SUMMER VISITOR DAYS	141,196	136,111	132,618	131,007	120,297	117,274	103,196	106,449	107,551	106,544
TOTAL WINTER VISITOR DAYS	1,888	1,900	2,220	2,083	2,333	2,323	2,054	2,410	1,873	2,741
TOTAL PARK VISITOR DAYS	143,084	138,011	134,838	133,090	122,630	119,597	105,250	108,859	109,424	109,285

Visitor day = camper nights + gatehouse headcount

(A visitor staying in the park two nights would spend three days in the Park. Camper nights counts the nights in the Park, gatehouse headcount adds the extra camper day plus includes day users.)

* 2005, late spring delayed opening trails/cmpgrds for 2 weeks. 2006, Neso closed during June. Aval Fld moved to Bear Brook.

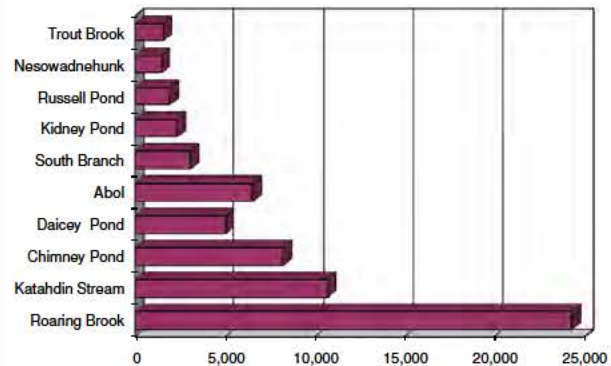


BAXTER STATE PARK									
TRAIL USE SUMMARY - 2008									
REGISTERED HIKES PER PERSON PER TRAIL									
TRAIL NAME	MONTH						TRAIL AREA TOTAL	% OF TOTAL	
	MAY	JUN	JUL	AUG	SEPT	OCT			
KATAHDIN STREAM:									
Hunt	64	1,189	2,100	2,815	1,450	608	8,226		
Owl	5	31	146	360	69	46	657		
Grassy Pond	29	108	194	326	151	107	915		
O.J.I.	9	6	27	74	40	46	202		
A.T. South	7	190	138	69	33	10	447		
Blueberry Ledges	4	22	45	122	38	30	261		
KAT STR TOTALS	118	1,546	2,650	3,766	1,781	847		10,708	16%
ABOL:									
Abol Trail	203	513	1,027	1,268	559	142	3,712		
Abol Falls	20	45	164	147	69	82	527		
Abol Pond/Stream	5	42	35	99	32	50	263		
Blueberry Ledges	46	29	270	248	13	21	627		
AT North	29	148	298	397	347	137	1,356		
Foss & Knowlton	1	7	12	6	0	1	27		
ABOL TOTALS	304	784	1,806	2,165	1,020	433		6,512	10%
ROARING BROOK:									
Chimney	0	1,248	3,468	3,584	2,191	1,042	11,533		
Helen Taylor	0	109	688	773	414	96	2,080		
Sandy Stream	285	1,172	2,140	1,956	1,314	1,222	8,089		
So. Turner	111	137	239	284	185	172	1,128		
Russell Pond	7	110	246	278	132	82	855		
Nature Trail	1	13	31	34	16	1	96		
Katahdin Lake		53	68	191	123	113	548		
RRG BK TOTALS	404		6,880	7,100	4,375	2,728		24,329	37%
SOUTH BRANCH POND:									
So. Branch Falls	6	9	93	126	71	45	350		
Ledges	17	32	80	102	54	40	325		
Howe Brook	7	40	155	171	56	52	481		
N. Traveler	12	66	161	291	101	19	650		
Center Ridge	0	4	8	14	16	2	44		
Traveler Loop	3	14	59	69	53	36	234		
So. Br. Mtn.	20	23	46	63	37	24	213		
Pogy Notch	75	68	176	174	66	42	601		
Burnt Mtn.	0	0	0	0	2	0	2		
Mid. Fowl. & Other	5	0	23	53	18	28	127		
SO BRANCH TOTAL	145	256	801	1,063	474	288		3,027	5%
NESOWADNEHUNK:									
Double Top	0	0	63	251	106	97	517		
Marston	0	0	105	300	91	145	641		
Wass. Lake Trail	0	0	31	67	11	9	118		
Dwelley Trail	0	0	37	109	15	1	162		
NESO TOTALS	0	0	236	727	223	252		1,438	2%
continued...									
Registered hikes per person per trail, continued									
TRAIL NAME	MAY	JUN	JUL	AUG	SEPT	OCT	TRAIL AREA TOTAL	% OF TOTAL	
CHIMNEY POND:*									
Dudley	0	154	398	384	228	72	1,236		
Cathedral	0	418	1,007	1,353	776	228	3,782		
Saddle	0	166	940	972	579	194	2,851		
Hamlin	0	10	36	17	48	8	119		
N. Basin	0	39	28	58	38	19	182		
N.W. Basin	0	2	14	14	10	1	41		
CHIMNEY TOTALS	0	789	2,423	2,798	1,679	522		8,211	13%
DAICEY POND:									
Niagara Falls	138	401	1,041	1,061	423	341	3,405		
D.P. Nature Trail	26	35	107	185	93	41	487		
Lost Pond Trail	0	3	24	28	13	4	72		
Sentinel Mt. Trail	0	0	22	0	26	4	52		
A.T. to Katahdin	7	43	107	134	223	58	572		
Daicey to Grassy	7	26	90	104	92	41	360		
Daicey to Elbow	0	4	5	10	4	2	25		
Daicey to Kidney	0	0	4	5	13	2	24		
DAICEY TOTALS	178	512	1,400	1,527	887	493		4,997	8%
KIDNEY POND:									
Double Top	44	7	26	73	71	132	353		
Sentinel Mtn.	31	66	234	329	113	154	927		
Rocky Pond	23	90	79	163	77	36	468		
Draper Pond	4	11	29	23	36	19	122		
Kid. Pond Circuit	2	5	48	52	51	20	178		
Celia & Jackson	9	38	30	54	29	10	170		
Windy Pitch/Niagara/ Li	3	24	21	37	14	8	107		
KIDNEY TOTALS	116	241	467	731	391	379		2,325	4%
RUSSELL POND:									
Russell Pond Trail	0	48	130	125	47	27	377		
Wass. Stream Trail	4	54	98	132	54	23	365		
Pogy Notch Trail	24	33	20	56	26	4	163		
Wass. Lake Trail	29	89	110	165	94	3	490		
N.W. Basin Trail	0	11	39	74	49	57	230		
Grand Falls Trail	2	25	70	87	22	3	209		
Lookout Trail	13	19	23	27	9		91		
RUSSELL TOTALS	72	279	490	666	301	117		1,925	3%
TROUT BROOK FARM:									
Horse Mountain	22	21	49	81	29	35	237		
Five Ponds	27	42	46	116	24	26	281		
Fowler Pond	29	65	58	112	29	12	305		
Freeze-out	34	9	30	23	18	24	138		
Trout Brook Mtn.	27	43	148	190	62	22	492		
Wadleigh Brook	2	7	7	44	24	9	93		
TROUT BR. TOTAL	141	187	338	566	186	8		1,546	2%
MONTHLY TOTALS	1,478	4,594	17,491	21,109	11,317	6,067		65,018	100%
% OF TOTAL	2%	7%	27%	32%	17%	9%		100%	
*Early spring arrival allowed opening of Dudley, Cathedral, and Saddle Trails to open in May.									

*Early spring arrival allowed opening of Dudley, Cathedral, and Saddle Trails to open in May.

Roaring Brook	24,329
Katahdin Stream	10,708
Chimney Pond	8,211
Daicey Pond	4,997
Abol	6,512
South Branch	3,027
Kidney Pond	2,325
Russell Pond	1,925
Nesowadnehunk	1,438
Trout Brook	1,546

REGISTERED HIKES BY AREA - 2006



Baxter State Park Trail Use Summary

2008								
Campground	Trail	May	June	July	Aug	Sept	Oct	Total
RB	Chimney	0	1248	3468	3584	2191	1042	11533
RB	Helon Taylor	0	109	688	773	414	96	2080
RB	Sandy Stream	285	1172	2140	1956	1314	1222	8089
RB	S. Turner	111	137	239	284	185	172	1128
RB	Russell Pd.	7	110	246	278	132	82	855
RB	Nature Trail	1	13	31	34	16	1	96
RB	Katahdin Lake Trail	0	0	68	191	123	113	495
Abol	Abol	203	513	1023	1268	559	142	3708
Abol	Abol Falls	20	45	164	147	69	82	527
Abol	A. Pond/Stm Trail	5	42	35	99	32	50	263
Abol	Blueberry Ledges	46	29	270	248	13	21	627
Abol	AT North	29	148	298	397	347	137	1356
Abol	Foss & Knowlton	1	7	12	6	0	1	27
KS	Hunt	64	1189	2100	2815	1450	0	7618
KS	Owl	5	31	146	360	69	0	611
KS	Grassy Pond	29	108	194	326	151	0	808
KS	O.J.I.	9	6	27	74	40	0	156
KS	A.T.South	7	190	138	69	33	0	437
KS	Blueberry Ledges	4	22	45	122	38	0	231
DP	Niagara Falls	138	401	1041	1001	423	341	3345
DP	Nature Trail	26	35	107	185	93	41	487
DP	Lost Pond	0	3	24	28	13	4	72
DP	Sentinel MT.	0	0	22	0	26	4	52
DP	A.T. Katahdin	7	43	107	134	223	58	572
DP	Grassy Pond	7	26	90	104	92	41	360
DP	Elbow Pond	0	4	5	10	4	2	25
DP	Kidney/Lily Pad	0	0	4	5	13	2	24
KP	Double Top	44	7	26	73	71	132	353
KP	Sentinel Mt.	31	66	234	329	113	154	927
KP	Rocky Pond	23	90	79	163	77	36	468
KP	Draper Pond	4	11	29	23	36	19	122
KP	Kidney PD Circuit	2	5	48	52	51	20	178
KP	Celia/Jackson	9	38	30	54	29	10	170
KP	Lily/Windy/Niagara	3	24	21	37	14	8	107
NESO	Double Top No	0	0	63	251	106	97	517
NESO	Marston	0	0	105	300	91	145	641
NESO	Wass.Lake	0	0	31	67	11	9	118
NESO	Dwellely	0	0	37	109	15	1	162
SB	Sbranch F	6	9	93	126	71	45	350
SB	Ledges	17	32	80	102	54	40	325
SB	HoweBrook	7	40	155	171	56	52	481
SB	N.Traveler	12	66	161	291	101	19	650
SB	Center Ridge	0	4	8	14	16	2	44
SB	Traveler Loop	3	14	59	69	53	36	234
SB	So.Br.Mtn.	20	23	46	63	37	24	213
SB	Pogy Notch	75	68	176	174	66	42	601
SB	Burnt Mt.	0	0	0	0	2	0	2
SB	Middle Fowler	5	0	23	53	18	28	127
TB	Horse Mtn.	22	21	49	81	29	27	229
TB	Five Ponds Trail	27	42	46	116	24	23	278
TB	Fowler Pond	29	65	58	112	29	4	297
TB	Freezeout	34	9	30	23	18	3	117
TB	Trout Brook Mtn.	27	43	148	190	62	57	527
TB	Wadleigh Brook	2	7	7	44	24	3	87
CP	Dudley	Closed	154	398	384	228	72	1236
CP	Cathedral	Closed	418	1007	1353	776	228	3782
CP	Saddle	Closed	166	940	972	579	194	2851
CP	Hamlin	Closed	10	36	17	48	8	119
CP	N.Basin	Closed	39	28	58	38	19	182
CP	N.W.Basin	Closed	2	14	14	10	1	41
RP	Russell Pd.	Closed	48	130	125	47	35	385
RP	Wass.Stream	4	54	98	132	54	26	368
RP	Pogy Notch	24	33	20	56	26	12	171
RP	Wass.Lake	29	89	110	165	94	24	511
RP	N.W.Basin	0	11	39	74	49	22	195
RP	Grand Falls	2	25	70	87	22	9	215
RP	Lookout	13	19	23	27	9	8	99
Total		1478	7383	17487	21049	11317	5348	64062

BAXTER STATE PARK - GATE COUNTS - PEOPLE PER MONTH 2008								TOTAL	
	CAMPERS			DAY USE			WALK/ BIKE	BY	% OF
	RES	NON-RES	TOTAL	RES	NON-RES	TOTAL		MONTH	TOTAL
MAY									
Togue Pond	294	121	415	594	294	888	4	1307	
Matagamon	127	44	171	408	45	453	8	632	
Total MAY	421	165	586	1002	339	1341	12	1939	3%
JUNE									
Togue Pond	924	960	1884	2041	1582	3623	11	5518	
Matagamon	229	123	352	548	215	763	4	1119	
Total JUNE	1153	1083	2236	2589	1797	4386	15	6637	12%
JULY									
Togue Pond	2166	1990	4156	4454	3890	8344	23	12523	
Matagamon	682	206	888	1013	358	1371	0	2259	
Total JULY	2848	2196	5044	5467	4248	9715	23	14782	27%
AUGUST									
Togue Pond	2544	2039	4583	5411	4854	10265	27	14875	
Matagamon	810	320	1130	836	428	1264	2	2396	
Total AUGUST	3354	2359	5713	6247	5282	11529	29	17271	31%
SEPTEMBER									
Togue Pond	1416	1020	2436	2687	2440	5127	16	7579	
Matagamon	260	72	332	418	279	697	21	1050	
Total SEPTEMBER	1676	1092	2768	3105	2719	5824	37	8629	16%
OCTOBER									
Togue Pond	715	534	1249	2372	1795	4167	9	5425	
Matagamon	149	63	212	354	190	544		756	
Total OCTOBER	864	597	1461	2726	1985	4711	9	6181	11%
TOTALS BY	10316	7492		21136	16370				
USE CATEGORY			17808			37506	125	55439	100%
% OF TOTAL USE			32%			68%	0.2%		
% BY CATAGORY	CAMPING			DAY USE			TOTAL RES/NON-RES		
RES/NON-RES*	58%	42%		56%	44%		57%	43%	

* Walk/Bike counted as Residents

BAXTER STATE PARK 2008 GATE COUNTS - PEOPLE PER GATE									
	CAMPERS			DAY USE			WALK/ BIKE	TOTAL COUNT	% BY GATE
	RES	NON-RES	TOTAL	RES	NON-RES	TOTAL			
TOGUE POND GATE									
May	294	121		594	294		4	1307	
June	924	960		2041	1582		11	5518	
July	2166	1990		4454	3890		23	12523	
August	2544	2039		5411	4854		27	14875	
September	1416	1020		2687	2440		16	7579	
October	715	534		2372	1795		9	5425	
TOGUE POND TOTAL	8059	6664		17559	14855		90	47227	87%
MATAGAMON GATE									
May	127	44		408	45		8	632	
June	229	123		548	215		4	1119	
July	682	206		1013	358		0	2259	
August	810	320		836	428		2	2396	
September	260	72		418	279		21	1050	
October	149	63		354	190		0	756	
MATAGAMON TOTAL	2257	828		3577	1515		35	8212	13%
TOTAL GATES	10316	7492		21136	16370		125	55439	

BAXTER STATE PARK CAMPGROUND VACANCY RATES * 2008									
	% of sites vacant per month						TOTAL		
	May	June	July	August	Sept	Oct	# VACANT SITES	# SITE-DAYS PER SEASON	% VACANCY
CAMPGROUNDS:									
Roaring Brook	12%	14%	1%	1%	5%	5%	785	13376	6%
Abol	14%	14%	5%	62%	13%	12%	1404	15200	9%
Katahdin Stream	13%	10%	2%	28%	1%	10%	841	15808	5%
Daicey Pond	10%	13%	4%	25%	8%	7%	372	5320	7%
Kidney Pond	7%	14%	7%	33%	8%	8%	415	5320	8%
Nesowadnehunk	Closed		15%	168%	22%	18%	1587	12193	13%
South Branch	20%	17%	9%	172%	13%	12%	2945	25232	12%
Chimney Pond	Closed	2%	2%	43%	2%	3%	227	12464	2%
Russell Pond	#####	15%	11%	82%	15%	15%	660	4870	14%
Trout Brook Farm	27%	40%	34%	273%	42%	12%	1901	6080	31%
Campground Totals							11137	115863	10%
OUTLYING SITES:									
Webster Area	100.0%	#####	100.0%	#####	100.0%	#DIV/0!	1134	991	114%
Davis Pond	Closed	100.0%	100.0%	8.0%	100.0%	100.0%	70	70	100%
Fowler Area	100.0%	100.0%	100.0%	200.0%	Waiting	#DIV/0!	991	740	134%
South Branch	100.0%	100.0%	#####	100.0%	100.0%	100.0%	1633	1633	100%
Wass. Area	100.0%	100.0%	100.0%	7.0%	100.0%	100.0%	252	252	100%
AT Shelter	100.0%	100.0%	100.0%	255.0%	100.0%	100.0%	1493	1493	100%
Outlying Site Totals							5573	5179	108%
* These tables reflect the rate at which sites were unreserved and not used, not if the site was filled to capacity. Tabulations include campground and outlying sites only (bunkhouse & group areas are excluded). Sites that were reserved and paid for but not occupied ("no show" sites) are not included as vacant.									

site-days per season= # of days recorded by the campground on day by day sheets x the number of sites in the campground (check w/ res. Office for this year's up to date site listing).
vacant sites= vacant sites per campground as listed on day-to-day sheets not including bunkhouses and group areas

Site Nights possible are pasted as values from Camper Stats file/Sites this year.

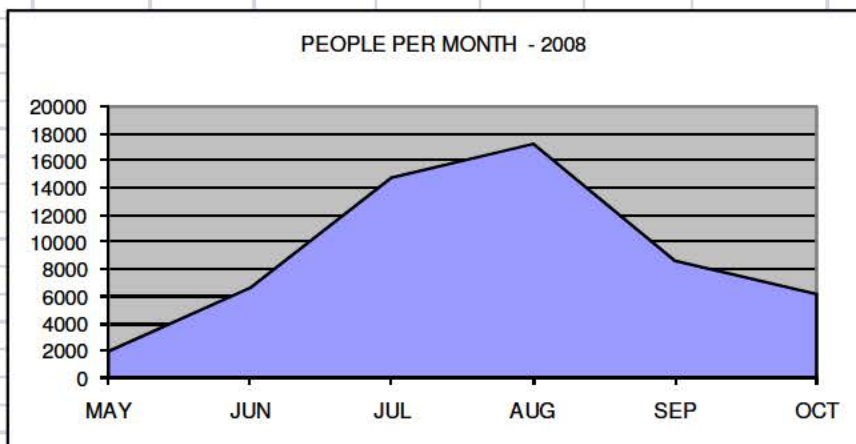
Campground	May	June	July	Aug	Sept	Oct
RB	1320	2640	2728	2728	2640	1320
Abol	1500	3000	3100	3100	3000	1500
KS	1560	3120	3224	3224	3120	1560
DP	525	1050	1085	1085	1050	525
KP	510	1020	1054	1116	1080	540
Neso	Closed	2670	2759	2759	2670	1335
SB	2490	4980	5146	5146	4980	2490
TB	1230	2460	2542	2542	2460	1230
CP	Closed	1080	1085	1085	1080	540
RP	600	1200	1240	1240	1200	600

OUTLYING SITES:

	May	June	July	Aug	Sept	Oct
Webster Area	106	272	167	240	206	0
Davis Pond	Closed	12	15	8	7	28
Fowler Area	74	200	60	200	206	0
South Branch	36	863	467	172	65	30
Wass. Area	29	75	68	7	45	28
AT Shelter	204	351	314	255	240	129

BAXTER STATE PARK
2008 GATE COUNT/VEHICLE PER MONTH

	VEHICLES				% OF TOTAL VEH	TOTAL PEOPLE/ MONTH**	AVE. PEOPLE/ VEHICLE
	RES	NON-RES	PASS	TOTAL			
MAY							
Togue Pond	342	186	14	542		1307	
Matagamom	264	45	37	346		632	
Total MAY	606	231	51	888	4%	1939	2.2
JUNE							
Togue Pond	1113	955	39	2107		5518	
Matagamom	319	135	22	476		1119	
Total JUNE	1432	1090	61	2583	12%	6637	2.6
JULY							
Togue Pond	2189	1998	32	4219		12523	
Matagamom	553	213	0	766		2259	
Total JULY	2742	2211	32	4985	24%	14782	3.0
AUGUST							
Togue Pond	2719	2551	34	5304		14875	
Matagamom	587	277	0	864		2396	
Total AUGUST	3306	2828	34	6168	30%	17271	2.8
SEPTEMBER							
Togue Pond	1597	1475	58	3130		7579	
Matagamom	289	163	0	452		1050	
Total SEPT	1886	1638	58	3582	17%	8629	2.4
OCTOBER							
Togue Pond	1148	1008	27	2183		5425	
Matagamom	223	112	0	335		756	
Total OCTOBER	1371	1120	27	2518	12%	6181	2.5
TOTAL BY	11343	9118	263				
USE CATEGORY				20724	100%	55439	2.7
% BY CATEGORY	55%	44%	1%				

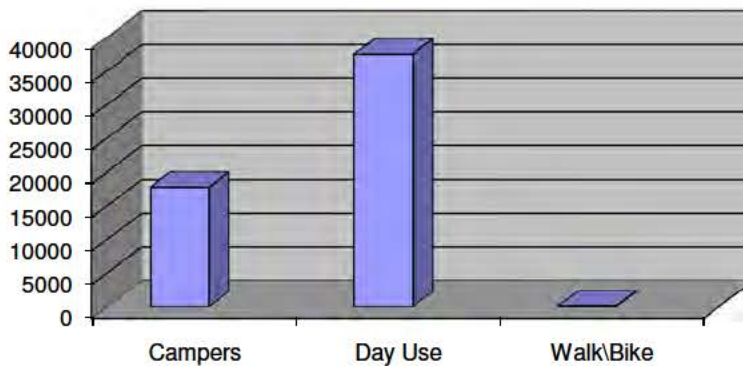


MAY	1939
JUN	6637
JUL	14782
AUG	17271
SEP	8629
OCT	6181

2008 GATE COUNTS/VEHICLE PER GATE

	VEHICLES				% OF TOTAL
	RES	NON-RES	PASS	TOTAL	
TOGUE POND GATE					
May	342	186	14	542	
June	1113	955	39	2107	
July	2189	1998	32	4219	
August	2719	2551	34	5304	
September	1597	1475	58	3130	
October	1148	1008	27	2183	
TOGUE TOTAL	9108	8173	204	17485	84%
MATAGAMON GATE					
May	264	45	37	346	
June	319	135	22	476	
July	553	213	0	766	
August	587	277	0	864	
September	289	163	0	452	
October	223	112	0	335	
MATAGAMON TOTAL	2235	945	59	3239	16%
TOTAL GATES	11343	9118	263	20724	

GATE HEADCOUNTS BY USER TYPE - 2008



Campers 17808
Day Use 37506
Walk\Bike 125

V. ADMINISTRATIVE APPENDICES

BAXTER STATE PARK AUTHORITY/ADVISORY LISTING

Effective 11/06/2008

AUTHORITY MEMBERS	ADDRESS	TELEPHONE
ROLAND D. MARTIN, CHAIR COMMISSIONER IF&W R.Dan.Martin@Maine.gov	284 State Street 41 State House Station Augusta, ME 04333-0041	287-5202 C592-2129
ALEC GIFFEN, DIRECTOR MAINE FOREST SERVICE Alec.Giffen@Maine.gov	22 State House Station Augusta, ME 04333-0022	287-2791
STEVEN ROWE ATTORNEY GENERAL Steven.Rowe@Maine.gov	Six State House Station State Office Building Augusta, ME 04333-0006	626-8800

ADVISORY MEMBERS	TERM
1. STEPHEN HUTNAK CHAIR	2010
2. CARLA RITCHIE VICE CHAIR	2013
3. ERIC BAXTER	C
4. R. MICHAEL WHITE	C
5. SHERIDAN STEELE	C
6. RICHARD BRAY	2014
7. DAVID EDWARDS	2014
8. TOM GOETZ	2014
9. BRUCE HANCOCK	2013
10. CAROL LECKEY	2010
11. SPENCER MEYER	2013
12. LAURIE NALE	2014

- | | |
|-----------------------|------|
| 13. BRIAN NOYES | 2010 |
| 14. LAURIE RICH | 2014 |
| 15. CHARLIE WOODWORTH | 2013 |

<p>SUBCOMMITTEE MEMBERS INFORMATION Not BSP Advisory Members Revised 5/11/2008</p>
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- | | |
|------------------------------|----------------------------|
| 1. RUPERT WHITE (F&I) | 2. CARL GERCKE (I) |
| 3. JOHN BIBBER (F) | 4. JOHN LOYD (F) |
| 5. MATTHEW POLSTEIN (C) | 6. JIM GARLAND (F&I) |
| 7. DR. EDWARD DWYER (C & TR) | 8. SCOTT KONECNY (F&I) |
| 9. PHILIP AHRENS (F) | 10. CHRIS NELSON (I) |
| 11. ROD HANSCOM | 12. DUFFY AKERLEY (R) |
| 13. DOUGLAS CALLNAN (F) | 14. RACHEL COLLIN THERRIEN |
| 15. PAUL LABBE | 16. MIKE PERRY |
| 17. PETER PRAY | 18. FRANK CLUKEY |

BSP ADVISORY STANDING SUB-COMMITTEES
MEMBER LISTING

Revised 05/11/2008

FINANCE

Steve Hutnak, Chair
Carla Ritchie
Brian Noyes
Spencer Meyer
Rupert White*
John Loyd*
John Bibber*
Chip Ahrens*

INVESTMENT

Brian Noyes, Chair*
Stephen Hutnak
Rupert White*
Chris Nelson*
Carl Gercke*

RESERVATION

Steve Hutnak
Michael White
Laurie Rich
Carol Leckey
Bruce Hancock
Paul Labbé
John Loyd*
Duffy Akerley*

Baxter State Park Advisory chair and vice chair share responsibility to serve as members on all subcommittees.

- *Subcommittee members only, not BSP Advisory Committee member.

DIRECTOR'S RESEARCH COMMITTEE

Revised 5/11/2008

Although the majority of members do not hold Baxter State Park Advisory status; they are individuals with specialized backgrounds providing much expertise in viewing scientific study requests as assigned. Final approval or rejection on requests is the responsibility of the BSP Director.

Jean Hoekwater, Staff Coordinator

Steven Oliveri, Dept. Conservation

Roy Farnsworth

Dykstra Eusden, Bates College

Richard Dearborn, MFS

Dave Courtemanch, Dept. of Environmental Protection

Steve Selva, University of Maine Fort Kent

Kathleen Murray, Department of Agriculture

Dave Field, U of M

Woodrow Thompson, M.G.S.

Hank Tyler, State Planning

George Matula, IF&W

Don Hudson, Chewonki Foundation

<p style="text-align: center;">BAXTER STATE PARK SCIENTIFIC FOREST MANAGEMENT AREA ADVISORY COMMITTEE <i>(Effective 5/01/2008)</i></p>

MEMBERS	TERM
ALISON DIBBLE, CHAIR	2009
LINDA ALVERSON	2011
PHILIP AHRENS	2010
BARRIE BRUSILA	2009
ROB BRYAN	2009
DAVE CLEMENT	2009
ROY FARNSWORTH	2010
ALISON KANOTI	2010
LAUSTSEN, KEN	2011
GORDON MOTT	2011
CRAIG TROEGER	2011
CARL VAN HUSEN	2011
JOE WILEY	2009
JEREMY WILSON	2010



BAXTER STATE PARK AUTHORITY



AUTHORITY MEMBERS

STEVEN ROWE, CHAIR
ATTORNEY GENERAL

ROLAND D. MARTIN
COMMISSIONER OF INLAND FISHERIES & WILDLIFE

ALEC GIFFEN
DIRECTOR OF MAINE FOREST SERVICE

STATE OF MAINE INFORMATION

www.baxterstateparkauthority.com
(207) 723-5140

PARK HEADQUARTERS

ADMINISTRATION (207) 723-9616
D. JENSEN BISSELL, DIRECTOR

64 BALSAM DRIVE
MILLINOCKET, ME 04462
(207) 723-9500

TO: BAXTER STATE PARK AUTHORITY/ADVISORY
BAXTER STATE PARK SFMA ADVISORY
BAXTER STATE PARK STAFF

FROM: JENSEN BISSELL, DIRECTOR OF BAXTER STATE PARK

SUBJECT: CORRECTED SCHEDULED MEETINGS 2008

DATE: January 17, 2008

BSP AUTHORITY

DATE

January 11, Friday
March 14, Friday
*May 9, Friday
July 8, Tuesday
*October 17, Friday
December 9, Tuesday

LOCATION

Augusta – **canceled**
Augusta
Baxter State Park
Augusta
Baxter State Park
Augusta

*Weather and roads permitting. If not, the meeting will be held in the Conference Room at Park Headquarters.

BSP ADVISORY: Meetings will be called as needed by the chairman or the Director.

SFMA ADVISORY: Meetings will be called as needed by the chairman or the resource manager.

RESEARCH COMMITTEE: March & September - to be announced.

NOTE: This schedule is subject to flexibility. Some meetings may be canceled or a special meeting called depending on Park needs. When possible, specific agenda will precede each meeting by approximately two (2) weeks. During the year, please check with me if you have any questions on meeting dates.



“TO PRESERVE AND PROTECT”