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**Baxter State Park
Annual Operating
Report
For the Year 2010**

**To the
Baxter State Park
Authority**

October 31, 2011



**BAXTER STATE PARK
2010 OPERATIONAL REPORT
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A. DIRECTOR'S SUMMARY

2010 was a very eventful year for Baxter Park, highlighted by some important roster changes and the initiation of work on a new Park Management Plan.

We began the year (with two BSP Rangers enrolled in the MCJA), with the implementation of some significant changes in our winter use policy. After careful consideration and discussion, we implemented a substantial revision of the Park's Winter Use Policies. In general, the policies relaxed a number of previous requirements regarding equipment, registration and party size. The response to these changes has been surprising in both its rapidity and depth. This winter, the Park has been a busy place everywhere. Parties have been well equipped, and people have made good decisions. The weather hasn't hurt either with generally mild temperatures and good snow conditions for almost the entire winter. The number of site nights rented and the revenues for the 2010 winter season are both up significantly.

With the commitment to move toward the **preparation of a draft Baxter State Park Management Plan**, a number of issues that would be addressed in the plan were fleshed out and organized, including the development of a Trail Evaluation Matrix and Trail Support Index, as well as proposals for several Trail-Free Zones and additional Backcountry Trails. In addition to these proposals, the Park conducted listening sessions in Portland, Bangor and Presque during the summer months to canvass Park users and interested parties about issues of interest in the upcoming Management Plan process. By the end of 2010, we began work on the construction of a first draft of the Park Management Plan with a tentative release date of spring 2011.

In early 2010, the Park moved forward on another two important initiatives for the Park. Baxter State Park's Day Use Parking Reservation (DUPR) program was approved by the Baxter State Park Authority on May 11, 2009, for implementation in 2010 and review in 2012. The program reflected over 9 months of deliberation by Park staff and Advisory members. The program was a response to the concerns of staff and Authority members about complaints of Maine hikers who felt that popular trailheads in Baxter State Park accessing Katahdin were simply too hard to get into under the first-come, first-serve basis and that the uncertainty of being able to access a Katahdin trailhead resulted in their decision not to plan a Katahdin hike.

The DUPR program recognizes and preserves limits on available parking for each of the three Katahdin-access trailhead parking lots at Roaring Brook (40 spaces), Abol (16 spaces) and Katahdin Stream (25 spaces) Campgrounds. The parking lot limits were implemented in the mid 1980's as a tool to balance the Park's primary responsibility to protect park resources with the secondary responsibility to provide recreational opportunities. The limits on Katahdin access parking acts to cap the total number of people that are likely to hike Katahdin access trails towards Baxter Peak on a clear, sunny summer day at around 450 people. Under current limits there may still be more than 150 people on or near Baxter Peak at midday, and trail maintenance work on Katahdin access trails continues to consume a significant portion of the

Park's trail maintenance effort.

The 2010 DUPR program allowed advance reservation of all available parking spaces for each of the Katahdin-access trailhead parking lots. During the fall of 2009 and the winter and spring of 2010, the Park advertised the DUPR system on the Park website, via print media and with handouts to Park visitors. The reservation program began on May 1 for Maine residents and on May 21 for non-residents. In order to provide an advantage to Maine residents in acquiring a DUPR, non-residents were restricted to making a DUPR no more than three weeks from the reservation date while Maine residents had no restrictions on when they could make a DUPR. A \$5 fee was assigned for each DUPR to cover the cost of additional staff to administer the system through the Park reservation office. To prevent individuals or groups from monopolizing the system, a maximum of 3 DUPRs/month were allowed for any single visitor.

DUPRs were accepted at the Togue Pond Gate until 7:30 am after which any unclaimed spaces were made available on a first-come, first-serve basis. The cut-off time for DUPRs was changed after Labor Day weekend to 7:00 to reflect the shorter days and reduced daylight hiking time.

Park staff worked to consider vehicle logistics at the Togue Pond Gatehouse as the DUPR system was implemented in May of 2010. As with any new system, Park staff was aware that some percentage of Park visitors would not be aware of the new system, or would have some misunderstandings that would have to be addressed at the gatehouse. Of particular concern were visitors that would arrive at the gate without a DUPR on a day when Katahdin trailheads were completely reserved.

Through the season, the park staff worked to identify issues of concern. Additional staff were assigned on fully reserved days during the busiest months of July, August and September to help sort vehicles without DUPRs from vehicles with DUPRs and to organize parking for those visitors choosing to wait and for reserved Katahdin-access trailhead parking spots unclaimed at the DUPR cut-off time of 7:30am. The extended periods of warm, sunny weather in the summer of 2010 led to long strings of consecutive days where Katahdin-access parking lots – especially Roaring Brook – were fully reserved. During the 23 days from August 6 to August 29, the Roaring Brook day use parking lot was fully reserved for all but 4 days.

Togue Pond Gatehouse attendants compiled statistical data on the DUPR system through the 2010 summer hiking season including the number of spaces reserved at each trailhead and the number of DUPRs claimed for each trailhead before the cut-off time. Beginning on August 15, Campground Rangers at the Katahdin-access trailheads also kept records on the total number of Maine vehicles and non-resident vehicles in their parking lots each day. During the summer, two memos were issued by the Park Director to clarify and adjust the administration of the DUPR system and in early October, a field meeting was held at the Togue Pond Ranger Camp to discuss the system and several modifications to the system are planned for implementation in the 2011 season.

In March of 2010, the Baxter State Park Authority approved the purchase of the book ***Katahdin, a Guide to Baxter State Park and Katahdin*, by Steve Clark**. First published in 1978, the "Clark Guide" is now in its 6th edition and remains the only comprehensive guide to

the trails in the Park. The decision to purchase the rights to the book and the current inventory from Steve, provides the Park the opportunity to update and continue the Guide as an important reference to Park users and to many Park hikers, a cherished companion on the trail or in camp. The Park applied a significant donation by the Friends of Baxter State Park to complete the purchase of the Clark Guide.

Early in May, the Park announced that **Deidra Brace would assume the newly created position of Forester I** working in the Scientific Forest Management Area under the supervision of the Resource Manager. Deidra made the jump from the forests of Maryland to the SFMA very smoothly and she quickly took an active role in supervising harvest operations and helping with data management and forest maintenance.



SFMA Forester Deidra Brace

Also early in May, The Director provided a Park overview to the annual gathering of the **International Appalachian Trail (IAT)** at Shin Pond Village. This energetic and visionary group continues to work diligently toward the establishment and improvement of a long-distance hiking trail extending from Baxter State Park in Maine to the Gaspé Peninsula in Canada. The group has now extended their original concept to extend the trail across the Atlantic to continue southward down the western coast of Europe.

Toward the end of May, the Park Director and the Chief Ranger attended the **Law Enforcement Supervisors training** at the Maine Criminal Justice Academy in Vasselboro.

In June, **Resource Manager Carol Redelsheimer announced her departure from BSP** to assume the responsibility for directing Science and Education for the Society of American Foresters. Carol contributed four years of very professional work to the SFMA and continued the tradition of thoughtful silviculture and sustainable forest management. Significantly, Carol completed the first re-measurement of the 115 Continuous Forest Inventory Plots (CFI) on the SFMA. These plots were originally installed and measured in the years 1996-2000 and Carol

greatly improved the protocol for plot monumentation and measurement, strengthening the value of the collected data for future SFMA managers.



From Left: Rick Morrill, Deidra Brace, Harvest Operation Clint Morrow, and Kevin Osborne

With Carol's departure, the Park posted the Resource Manager position as a start to the lengthy search and interview process for this important administrative position. The Park Director assumed the interim responsibilities of the Resource Manager and began work in managing harvest, forest and road maintenance and stand data collection activities in the SFMA in addition to the continuing work of the Director's office. This effort would occupy much of the Director's field time

during the summer of 2010.

Over the Memorial Day weekend, a **large search effort was organized for Ohio hiker Michael Hayes**, who made the unfortunate decision to try a shortcut back to Roaring Brook by leaving the Knife Edge trail at The Chimney and hiking down toward Avalanche Brook. It took Park, IF&W and Maine Forest Service Rangers and Wardens three days to find and evacuate Mr. Hayes, who had injured himself in a fall shortly after leaving the trail. Hayes was eventually located by a Maine Forest Service helicopter pilot and evacuated with the assistance of Park Ranger Rob Tice, successfully ending one of the longest Park searches in decades. The event was very well publicized in Maine and Michael Hayes' home state of Ohio.

Although the summer of 2010 was busy with forest management work, work on Park wilderness issues continued. Concerns about resource protection of rare alpine habitat have included considerations of possible measures to protect the small and rare area of sedge meadow community located at and around Thoreau Spring at the junction of the Hunt, Abol and Baxter Cut-Off trails on Katahdin. To help Park staff thoroughly evaluate options for trail relocation in this area, the Park contracted with alpine ecologist **Doug Weinrauch** of the Appalachian Mountain Club to conduct an ecological assessment of the options available in the relocation of the Hunt Trail out of the sedge meadow community. Doug was accompanied on his assessment by the Park Director and Ken Kimball of the AMC. Doug's full report was received in November and will provide helpful information in the continuing consideration of this resource protection issue. See I/E appendix for this report.

In September, after a long, comprehensive and very thorough search process, the Park was pleased to announce that Rick Morrill would be joining the administrative team as Park Resource Manager. Rick's experience in data management, forest management planning and forest modeling, combined with a great personality and affinity for the Park and outdoors, helped him rise above a strong field of candidates. Rick began his tenure with the Park on October 2 and immediately began to improve the Park's geographic information system and data collection methods. By year's end, Rick was preparing for the approaching Forest Stewardship Council (FSC) sustainable management recertification and SFMA management plan revision in 2011.

In 2010, after over a year of discussion, the Authority also approved an agreement with the State Office of Information Technology (OIT), to replace the radio tower and equipment building housing the Park's primary radio repeater on a small lot in Patten. For many decades the equipment, tower and repeaters had been operated among several different state agencies based on a very casual agreement. The OIT agreement clears the way for a much improved equipment building and radio tower, while maintaining or improving the Park's reception at this location. Work is scheduled to begin in 2011.

Michael Boardman provided very enjoyable demonstration and evening presentation efforts at Daicey Pond and elsewhere in the Park as 2010 Visiting Artist.

The Park also issued the first edition of the Park newspaper, **Wildnotes**. This publication was excellently crafted by Park Naturalist Jean Hoekwater with assistance from Interpretive

Specialist Marcia Williamson. Artwork was generously donated by Pam Reddick. **Wildnotes** has received rave reviews from Park users and other resource professionals. More information on **Wildnotes** can be found in the Interpretation/Education section of this report.



The four Baxter Park Advisory Committees continued to provide valuable and dedicated service to the Park and the Deeds of Trust. In 2010, three Park Advisors had completed 6 years of continuous service and were termed off the committee. Brian Noyes, Steve Hutnak and Carol Leckey all were termed-off the **Baxter State Park Advisory Committee** in 2010. Steve Hutnak left the committee as chair and was replaced by vice-chair Carla Ritchie. Rick Bray was then elected as vice chair. The BSP Advisory met several times to review and refine the issues developed in preparation of the draft management plan. In addition, the BSP Advisors spent hiking time in the Park and teamed together to assist with the installation of a canoe launch structure at Trout Brook Farm. The BSP Advisory is composed of individuals with a wide variety of outdoor experience both in and out of Baxter Park. It is a pleasure to work with these committed individuals and their viewpoints and perspectives almost always improve the development of Park policy, process and procedure.

Authority members Dan Martin and Janet Mills, term-limited BSP Advisory members Brian Noyes(l) and Steve Hutnak(r), Authority member Alec Giffen and Park Director Jensen Bissell at Kidney Pond Campground.

The Baxter Park Investment Committee also worked diligently through the volatile markets and changing investment scenario of 2010. Chaired by Brian Noyes, this committee of expert volunteers continues to work with Park endowment managers to provide an invaluable service to both current and future generations of Park users.

The Park Research Committee, working with the Park Naturalist to evaluate research proposals and the **Scientific Forest Management Area Advisory**, chaired by Alison Dibble and working with the Park Resource Manager, both continue to provide long-term continuity in the application of research and exemplary forest management in the Park.

In August, the Park Director hosted a group from **Senator Olympia Snow's office** led by staff director Wally Hsueh on a brief visit to the Park. The group, including people from across the country, took time to hike to Little and Big Niagara Falls before applying themselves to a labor-intensive volunteer project at Daicey Pond Campground under the direction of Campground Ranger Andy Vietze.

2010 marked a gubernatorial election year in Maine. In December, Authority members Alec Giffen and Dan Martin announced their departures from State Government as did Maine Attorney



From left; Jensen Bissell, Alec Giffen, Janet Mills, Dan Martin with BSP appreciation plaques.

General Janet Mills. This marked the first time in Park history that all three Authority members resigned their posts at the same time. Park staff expressed their appreciation to the outgoing members at their last scheduled meeting as an Authority in December of 2010.

After the economic downturn of late 2008, the Park administrative team spent considerable time and effort to effectively manage the Park's budget and expenditures. This management, in combination with the long-term disciplined management of the Park's endowment fund and spending policies, the recovery, to some extent, of equity markets, and a strong season of performance in Park camping and SFMA revenues, helped the Park get to a better, more relaxed state of fiscal health by 2010. Park management efforts, particularly in the area of trail work, was greatly facilitated by the work of the Friends of Baxter State Park. Under the leadership of President Barbara Bentley, the Friends donated several weeks of Maine Conservation Crew labor to Baxter State Park which the Park applied to needed trail work on the Marston, Hunt, Helon Taylor, Chimney Pond and Saddle Trails. In addition to other support, the efforts of the Friends has allowed the Park to increase the annual effort on Park trail maintenance by approximately 1/3 over both 2009 and 2010. The work by this dedicated, capable and expanding group of individuals is increasingly helpful as the Park works to meet the growing challenges of protecting the Park's resources and maintaining Park property.

Also of continuing assistance to the Park are the regular contributions from the **Baxter Park Wilderness Trust**. This trust, established by long-time Park and MATC volunteer Frank Trautmann, contributed nearly \$100,000 to the Park budget in 2010 and allowed the Park to provide needed resource protection staffing, equipment and recreational facilities that simply would not have been possible without the foresight and generosity of Mr. Trautmann. More importantly, the establishment of the Baxter Park Wilderness Trust as a trust allows the Park to plan ahead with the consideration that these trust funds will be available to help protect the wilderness of the Park and maintain the Park's resources.



The Employee of the Year for 2010 was Park Storekeeper Connie Theriault.

Connie Theriault began her formal career with Baxter State Park in 1998, and spent her first four years as a Clerk II working in the Reservation Office with Gladys Hanson, Robin Burgess and Reservation Supervisor Mary Ellen Bell. In 2002, Connie transferred to the Storekeeper position where she has overseen the substantial growth and complexity of the warehouse operation. In 1987, the entire Park ranger clothing inventory was hung a single pipe rack upstairs in Headquarters near where the copier is now located.

Currently the Park inventory is much more than clothing and paperclips and the control and management of all the materials needed to operate BSP requires detailed accounting, a flair for organization and a desire to find the best deals for merchandise that can stand up to the rigors of use by Baxter Park rangers and foresters in the rugged terrain of the Park. For the last eight years, BSP has had the right person in this job. Besides everything in the warehouse, Connie has helped the Park establish and maintain records and control of all of the inventory in the Headquarters complex and out in the Park itself. This is no small task –

and while she's at it – Connie keeps an eye on safety and her suggestions over the years have made the Park a safer place to work. Lastly, if you need something proofread – send it to Connie – her eye for detail is one of the best we have. She also ties a mean green drake.

The Manager of the Year for 2010 was Reservation Supervisor

Joni Lowell.



Joni Lowell started her career with Baxter State Park 7 years ago as a Gatehouse Attendant at Togue Pond Gate working with Jen Hall, Mary Pinette, Kristy Trainor and John Jones. In 2004, Joni moved indoors to assume the Reservation Supervisor position at Park Headquarters. Joni has been working to improve customer service and the reservation system ever since.

Her start as Reservation Supervisor coincided with the Park's efforts to computerize our reservation system. With Joni at the helm, the Park has made a continuous series of changes, upgrades, improvements and modifications to the reservation system as we have slowly, carefully, but continuously moved our customer service closer to the digital age. We haven't caught up yet, but we're a lot closer and Joni's attention to customer service, her cheerful and understanding tone, combined with good judgment and a firm understanding of Park policy and protocol, have helped her turn disaster into delight, or at least acceptance, for many Park visitors. Joni's thoughtful and experienced counsel has helped the Park move forward with improvements while avoiding system crashes and total chaos.

Lastly, the reservation office can be a very busy place during the high demand months of July and August in Baxter State Park. This year was certainly an example. Joni's positive, can-do attitude is a continuing asset to all around her in building a team atmosphere and helping to make a sometimes difficult job more enjoyable.

B. Operational Highlights And Overview for 2010



Katahdin Sunset, March 2010

I. OVERVIEW – 2010

To say 2010 was busy would be an understatement. The 2009-10 winter season started the year with an increase in winter campers and climbers. During this period newly hired Park Rangers Isaac Needell and Mike Winslow were completing their law enforcement requirements at the Maine Criminal Justice Academy. To help meet the need for coverage at Chimney Pond long time Campground Ranger Greg Hamer was hired as a contracted employee. Park Ranger Rob Tice worked with Greg in learning the coverage and routine. This seasonal position helped increase patrol presence throughout the park. We received our first Spot GPS distress call when Deputy Chief Stewart Guay received a telephone call from the Spot GPS Command Center in Texas. This positive use of technology was soon followed up by an errant route map in a car GPS which sent the subject's support car up a groomed snowmobile trail. Spring came early with a May 17th opening of the entire park tote road system.

The weather for the spring and summer season was some of the best on record. This led to one of the busiest summer seasons in decades. Park staff did an excellent job of balancing workloads with public education. The season started with a major search that was successful due to the combine efforts of the Maine Association of Search & Rescue, Department of Inland Fisheries & Wildlife, Maine Forest Service and BSP staff. We began the process to switch the park radio system over to narrowband frequency which will be required by 2013. Approximately half of the current radios were compliant. Narrowband has been reported to not have as strong a signal so finding more repeater locations was also begun.

The beautiful weather experienced in park also created very dry conditions for increased forest fire danger. Maine Forest Service Forest Rangers were in daily contact with BSP Rangers on data they were gathering from research plots in the park and MFS weather stations.

The Day Use Permit Reservation system (DUPR) was developed to help hikers ensure they would have a parking spot at a Katahdin trailhead. Park Rangers worked with Gate Staff refining the DUPR system through feedback from staff and public. Through grants acquired by The Friends of Baxter State Park there was a 33% increase of Maine Conservation Corps crews working on trails. This contributed greatly to the increased trail efforts listed below. In the fall, we received much of the rain we missed during the summer. The route into Russell Pond became northerly until the Wassataquoik Stream returned to normal levels.

The Office of Information Technology (OIT) informed the Park that they were planning on building a new tower in Patten which would be significantly taller for improved range. Construction would be completed in 2011.

The following 2010 Operations report will list many of the major accomplishments by the staff. This work was done through a team effort through budget and project planning, equipment and material acquisition, and the skilled work of the entire staff. Everyone has contributed to the success of Baxter State Park. It is a pleasure to work with them all.

II. SAFETY

Noteworthy safety oriented activities in 2010 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. All fire extinguishers were inspected and re-certified for the year.
4. Park visitors were informed daily of weather and hiking conditions. 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 tested and inspected Park wide.
11. All search and rescue equipment was inspected to assure rescue readiness.
12. Baxter State Park personnel were involved in 35 search and rescue incidents.
13. Smoke and carbon monoxide alarms were inspected and replaced as needed.
14. 37.7 of trail were re-blazed for better hiker visibility.
15. Corridor definition was completed on 29.2 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. The 2-way radio communications equipment was repaired and replaced to enhance search and rescue operations. Additionally, new narrow band compliant radios were purchased and installed in order to comply with FCC mandates.
20. The Maine Forest Service located a wildfire suppression fire engine in the Togue Pond Area and trained Park Rangers in its use.
21. Avalanche level I training was hosted at Chimney Pond in February and attended by BSP Staff.
22. All bunk beds in public and staff facilities Park wide had railings installed in the top bunk.

III. PUBLIC RELATIONS

1. Baxter State Park personnel within the Park made multiple contacts with at least 63,621 people from May to October in 2010. 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.

IV. SEARCH AND RESCUE

There were 35 search and rescue incidents that required the assistance of Baxter State Park personnel in 2010. Six of the search and rescue operations involved the use of aircraft. Refer to **Appendix I** for additional information.

V. SPECIAL ACTIVITIES



2010 Annual Spring Formal Inspection
of Park Ranger Ranks

1. On January 11, 2010, the annual winter inspection of Park Ranger ranks was performed.
2. On May 21, BSP Rangers Isaac Needell and Michael Winslow graduated the 18 week

- 18th Basic Law Enforcement Training Program at the Maine Criminal Justice Academy.
3. Baxter State Park Rangers, both current and retired, attended a memorial service on June 30 for Ranger Ralph Heath, who gave his life in the attempt to save the life of another.
 4. 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.
 5. Baxter State Park Ranger I Mike Martin acquired his class B commercial driver's license. Rangers and maintenance staff work with heavy trucks and equipment while performing Park maintenance.
 6. The Baxter State Park 2010 Earth Day clean-up was rained out.
 7. On June 30, 2010, the annual formal summer inspection of Park Ranger ranks was performed.
 8. Park Rangers worked with Togue Gate staff on busy days while processing Day Use Parking Reservation vehicles.
 9. 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.
 10. Mutual aid was rendered between Baxter State Park, Maine Warden Service, Maine Forest Service and other local and state law enforcement departments.
 11. 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.
 12. Rangers worked with maintenance staff on the Foster Field group area relocation project.
 13. In an effort to increase the amount of in house trainings, Park Rangers led or assisted with: Introduction to Search and Rescue, Basic Rope Rescue, GPS Training, Chainsaw Training and numerous safety trainings.
 14. Park Rangers spoke at area schools contributing scheduled career day functions.
 15. Park Rangers serve on BSP interview panels as needed.

VI. 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 2010 mandatory training consisted of: Law Updates, Firearms training and recertification, Human Trafficking, Drug Overdose and Death Investigation Protocol, and Roadside Vehicle Stops and Legal Issues. Additionally, BSP also adopted three new and or revised Law Enforcement Policies. Law Enforcement Staff received training in these three policies, which are: The Use of Physical Force, Mental Illness and the Process for Involuntary Commitment and Death Investigation Policy. The elective training consisted of: Wilderness Advanced First Aid, Mental Health Crisis Intervention, Dealing with Harassment in the Workplace and Standard Field Sobriety Test Refresher. The violations in 2010 were varied with a greater percentage of them being speeding and motor vehicle related charges. Regular hunting patrols were scheduled in T6R9 and T6R10 townships. Baxter Park Rangers

investigated five 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**.

One important note to make for 2010 is that the Baxter State Park Rules and Regulations were not only revised but decriminalized. Decriminalizing a law lowers it to a civil offense. Prior to April 12, 2010, a guilty conviction of any Baxter State Park Rule violation carried with it not only a fine but a criminal offense. In an effort to streamline enforcement and alleviate unnecessary criminal records, on April 12, 2010, the State of Maine Legislature enacted "An Act to Decriminalize Violations of Rules or Permit Conditions of the Baxter State Park Authority".

VII. FACILITY AND RESOURCE MAINTENANCE

A. PARK RANGERS

1. Communications & Solar Power. Park Rangers assisted the maintenance group in servicing solar charged batteries and improving wiring in key locations.
2. Culverts were installed or replaced as needed.
3. Park wide, gravel and screenings were hauled for minor road and spot surfacing projects. Park roads were also rock raked by staff.
4. The BSP Tote Road was brush hogged between Togue Pond Gate and Foster Field group area.
5. Winter hauling trails were maintained to Russell Pond and Chimney Pond Campgrounds.
6. 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. In addition to routine hauling projects, logs, dimensional lumber, shingles and fasteners were hauled to two sites (north and south) on Katahdin Lake. These were planned to be six person lean-to's, requiring numerous sixteen foot logs.
7. Snow was removed from the roofs of various buildings in the park.
8. Several bins of outhouse compost were removed from Chimney Pond Campground to the Rum Mountain Service Area.
9. Maintenance and upkeep of infra-red counters occurred on various tote road and trail locations to monitor snowmobile and other activity.
10. Materials were hauled by snowmobile in to Katahdin Lake and Martin Pond West for the construction of a moldering privy and two lean-tos.
11. Three service bridges were replaced on the Pogy Notch winter trail.
12. In April, snow was removed from the Park Tote Road from Matagamom Gate to Trout Brook Farm.
13. The Trout Brook service bridge was re-decked.
14. An accessible fire-ring was installed on tent site 25 at Trout Brook Farm campground.
15. The gravel pit at the Rum Mountain Service Area was re-opened. The wood ash area was also tended with an area of new tree growth being cut back to the area's original proportions.
16. Welding jobs were completed, both in fabrication and repair of heavy equipment, tote sleds, portable gates and other assorted tasks.

17. A large rack was built in the Togue Pond Pole-barn to keep cable chokers and chains off the ground.
18. Brush and wood demolition and debris was burned and cleaned up at the East Branch, Nesowadnehunk, Tracy and Rum Mountain service areas.
19. Several miles of the BSP boundary line were cleared, re-blazed and painted.
20. Numerous campground and road signs were routed at Trout Brook Farm.
21. Outhouses and facilities on the Long Pond and Fowler areas saw winter inspection and improvements.
22. A new 13'x30' addition was added to the East Branch Service Area pole barn.
23. Lean-to #4 at South Branch Pond campground was removed in anticipation of spring 2011 replacement. Also, site prep was performed in addition to staging of log materials.
24. In the vicinity of the mountain view near Togue Gate at Togue Pond, a Day Use Parking Reservation waiting lane was created.
25. Park Rangers worked with staff in removing beaver blockage and debris from several Baxter State Park culverts.



Katahdin Lake Lean-to North

Katahdin Lake Lean-to South



Photos courtesy Greg Hamer

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. While on roads and trails, Rangers assist motorists and hikers that are struggling with motor vehicle problems or injuries, respectively. 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. Winter campground staff also keeps solar panels clear of snow, keep key doors and outhouses free of snow and daily meet the environmental challenges that Baxter State Park presents in the wintertime. Listed below are each duty stations' maintenance projects that were beyond the routine.

ABOL: Paul Corrigan CRI, William Martel CRI

1. The skylight tubes were dismantled, serviced and put back into service.
2. Repairs and shims were installed to facilitate easier swinging of doors on Ranger Station.
3. Several leaky copper pipe fittings were repaired.

KATAHDIN STREAM: Bruce White CRI, Betsy Dawkins CRI

1. Fourteen signs were designed, traced, routed, sanded, stained and erected.
2. Considerable time was spent in public contacts with Appalachian Trail hikers.
3. A tool box which held wild land firefighting equipment was built and utilized.
4. Three day use picnic shelters were re-roofed.
5. The beaver damming issues at Barren Brook were addressed many times by Katahdin Stream and area staff.
6. Two new picnic shelters were constructed at Foster Field group area.
7. A new flagpole was cut, peeled, painted and erected.

DAICEY POND: Andrew Vietze CRI, Charity Levasseur, CRI

1. All campground bumper logs were removed and parking signs with sign posts and large rocks were placed instead.
2. The Ranger office outhouse was re-built.
3. The back of cabin # 4 and a portion of cabin # 2 was jacked and leveled.
4. Assistance was given in placing the seasonal bridge over Nesowadnehunk Stream.
5. Daicey Pond staff spends part of one day per week providing coverage Nesowadnehunk campground.
6. A sill log was replaced on cabin #9.

KIDNEY POND: Diane Freelove CRI, Dean Levasseur CRI

1. Kidney Pond staff spends part of one day per week covering Nesowadnehunk Campground.
2. Kidney Pond Campground staff must spend considerable time mowing their area.
3. The sills and decking on the porch of cabin #10 were replaced.
4. The roof of the Ranger Station was stripped of old shingles and re-shingled.
5. With the help of area staff, the hardwood pile left from the Foster Field project was cut, split and stacked.
6. The front steps and railings on the library were replaced.
7. The steps and hand rail was replaced on cabin #6.
8. The south wall of the pole barn was straightened and reinforced.

NESOWADNEHUNK: Mark Varney CRI, Kidney and Daicey Pond Staff

1. Assistance was rendered to Katahdin Stream staff in cutting and transporting a new flagpole.
2. Nesowadnehunk staff spends one day per week providing coverage to Trout Brook Farm campground.
3. The Nesowadnehunk Campground Ranger must spend considerable time mowing assigned areas.
4. Roof boards were removed and repairs were made to the Marston Trailhead outhouse.
5. The canoe rack at Center Pond was repaired.
6. Nine trees were transplanted near tent sites 21 and 22.

SOUTH BRANCH POND: Gabe Williamson CRI, Gunter Bernardini CRI

1. Copper pipes were soldered and repaired at the ranger station.
2. South Branch Pond Campground staff provided coverage to Trout Brook Farm Campground one day per week.
3. Hiking roster trailside boxes were constructed and installed for four trailheads.
4. Three Red Spruce trees were planted near lean-tos 6 and 7.
5. A fire suppression / equipment tool box was constructed.
6. Assistance was rendered on the Trout Brook Crossing bridge project.
7. Stone and rock pathways were completed from lean-tos 6 & 7 to the pond.
8. South Branch staff assisted with the expansion project at the East Branch Pit pole barn.

TROUT BROOK FARM: Gerald Locke Acting Capacity CRI

1. The Trout Brook Farm Campground Ranger provided coverage to Nesowadnehunk Campground one day per week.
2. A considerable amount of time is spent mowing the Trout Brook Farm area.
3. An accessible fire ring was installed at tent site 25.
4. The north end of the Trout Brook service bridge was modified to better accommodate equipment and the bridge tread way was replaced as well.
5. The Trout Brook Farm Campground Ranger patrols the Five Ponds Trail weekly, maintaining campsites, outhouses and fire rings.

ROARING BROOK: Bill MacDonald CRI, Russell Porter CRI

1. Four cord of firewood was prepared and staged for hauling to Chimney Pond Campground during the upcoming winter.
2. Foot patrols were scheduled in the Martin Pond and Katahdin Lake areas.
3. Roaring Brook staff were very much absorbed in contributing to the success of the Day Use Parking Reservation pilot program.

CHIMNEY POND: Gregory Hamer CRI (Winter Project Position), Tom Bell CRI, Rich Elliott CRI (Summer)

1. Winter staff at Chimney Pond worked on: establishing and maintaining the snowmobile hauling trail trails, removing accumulated compost to an approved storage site, removing demolition and material from the previous summer, swapping empty for full propane tanks, hauling 3-4 cord of firewood up from Roaring Brook as well as hauling numerous other requisitions and supplies.

2. Chimney Pond staff contributed to a larger effort in transporting lean-to construction materials (logs, shingles, lumber, fasteners, etc.) and pre-fabricated outhouse supplies in to Katahdin Lake lean-to sites North and South.
3. Bog bridging, cribbing, stringer logs and service bridge deck materials were transported to job sites on area trails.
4. The yurt facility repairs included wall replacements and repairs to the roof.
5. An informational kiosk was constructed.
6. The walls of the woodshed were reinforced and the sills were modified to improve weather resistance.
7. A new propane platform was constructed at the bunkhouse.
8. The roof of the ranger station was stripped and re-shingled.

RUSSELL POND: Gregory Hamer CRI, Brendan Curran CRI

1. The crossing logs at all three Turner Brook crossings were replaced.
2. Four new double hung windows were installed as an upgrade in the ranger station.
3. The west wall of the ranger station was re-sided with ship lap siding.
4. Russell Pond staff, with assistance of staff and volunteers, built the two new Katahdin Lake lean-tos.
5. The campground dock was replaced with an all new dock.
6. The ranger station dock was re-decked.
7. An opening to the attic was framed and a new set of folding stairs was installed in the shop.
8. A new flagpole was cut, peeled and erected.
9. New batons were installed on the gable ends of the bunkhouse.

ROVING RANGERS: Kathy Lusk CRI, Mark Sairio CRI

1. Filling in for time off requests and staff vacancies at gatehouses and campgrounds comprised the bulk of roving ranger time this year.
2. Assistance was rendered at the Foster Field relocation project.
3. Time was spent routing signs at Katahdin Stream Campground.
4. Help was provided at the Trout Brook service bridge renovation project.
5. A Baxter State Park boundary line maintenance project benefited from roving ranger assistance.

C. GATEHOUSES

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

TOGUE POND: Ruth Levesque, Geri Fraser, Wayne Brooker, Zac Montgomery, Tom Power, Rick Leavitt Acting Capacity

1. Routine cleaning of Togue Pond Beach and area facilities.
2. Considerable time was spent transitioning into the fully renovated gatehouse after a 2 year process.
3. Togue staff successfully faced the pilot transition into the new Day Use Parking Reservation System.
4. Improvements were made in ergonomics, both in location of items and in raising outside

work surfaces with gravel for equal height.

MATAGAMON: Dana Miller, Marcia Anderson, Tracy Young

1. Assistance with campground coverage and maintenance at Trout Brook Farm campground.
2. Maintenance and service performed on lawnmower and chainsaw.
3. The tool shed and part of the gatehouse was scraped and stained.

D. MAINTENANCE/CONSTRUCTION DIVISION

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 2010.

Purchases

2 new Ford 4x4 trucks for the Law Enforcement staff.
1 used ¾ ton Chevrolet 4x4 truck for the SFMA
1 used Chevrolet 2x4 truck for Trout Brook Farm campground
1 new riding lawn mower for Kidney Pond campground
1 weed whacker for Kidney Pond Campground
2 gas refrigerator for Russell and Chimney Pond campgrounds
2 woodstoves for the North Branch camps
8 step and 2 extension ladders

Building Projects

South End of the Park

- Expansion of the Togue Pond Gatehouse was completed. Floor was tiled and new cabinets were installed.
- A new information Kiosk was installed at Chimney Pond.
- Foster Field was reconfigured into three campsite areas that were graveled, loamed and seeded. Two outhouses were relocated and new covers and cabs were installed. Two new picnic shelters were added.
- Two new lean-tos and privies were constructed at Katahdin Lake.
- The shingles were replaced on the Kidney Pond Rangers camp.
- The Kidney Pond library had East wall logs replaced, south side shingles replaced and front porch stairs installed.
- Cabin #8 at Kidney Pond had sill logs replaced

North End of the Park

- Shingles were replaced on the Chimney Pond Ranger camp
- South Branch Pond garage had the front sill and door header replaced
- South Branch Pond Ranger camp had front sill replaced, new porch and steps installed, chimney modified and woodstove reset to provide adequate clearance.
- Matagamon gate rear steps were replaced.
- Windows in the apartment at Trout Brook Farm were replaced, bunk bed rails were installed and bunk room woodstove installation was upgraded.

- East Branch woodshed was expanded doubling the capacity in anticipation of additional need brought about by the ban on outside fire wood.

Road Projects

- New culverts were installed in the Black Brook and South branch pond areas. Two culverts were repaired on Abol hill and two culverts were installed above Foster Field.
- 1600 yards of gravel were spread on Park Roads in late October. Areas covered were:
 - Matagamon gate to Horse Mountain trail head
 - Spot graveling from Horse Mountain to Trout Brook bridge
 - Spot graveling from Nesowadnehunk to the bottom of Abol Hill

An estimated 2 miles were covered at a cost of approximately \$13,790 per mile.

Bundle Wood - 6325 bundles of camp ground fire wood were processed at Abol Service area and 5767 bundles were sold in the area camp grounds.

6954 bundles of wood were processed at the East Branch service area and 3621 bundles were sold. Note: the storage facility at the East Branch was doubled in size and filled with bundle wood for the 2011 season thus accounting for the difference between bundles process and sold.

Maintenance Shop Projects - The staff mechanic spent 1851 hours in the shop and 131 hours assisting on field projects. Below is a summary of vehicle maintenance projects completed:

- Batteries replaced 6
- Body repairs 6
- Brake jobs 12
- Electrical repairs 5
- Exhaust System repairs 1
- Front end repairs 10
- New tires installed 16
- Outboard motor repairs 2
- Snow sled repairs 26
- Vehicle Inspections 45
- Tires repaired 12
- Vehicle services 75
- Chain saw repair or rebuild 6
- Generator repair 2
- Road calls for Park Equipment 3
- Water pump repairs 3
- The following are additional projects completed by the staff mechanic:
 - Replaced pin and bushings in the Ford Backhoe front bucket
 - Repaired radiator in GMC dump truck
 - Rebuilt the rock rake
 - Replaced the cutting edge on the one ton plow truck
 - Parts used = approximately \$25,232.

E. 2010 TRAIL MAINTENANCE REPORT

Paul Sannicandro – Trail Supervisor, Steve Loughry – Trail Crew Leader and Neal Padrta – Trail Crew Leader

BAXTER STATE PARK TRAIL CREW INTERNS

Summer Crew

Patrick Aldrich – Springfield, ME
Jessica Barilone – Cornish, ME
Michael Rosenberg – S. Euclid, OH
Ryan Shanley – Madison, CT
Catherine Veress – Amherst, NY

John Armstrong – Pepperell, MA
Aaron Friar – Austin, TX
Anthony Savino – State College, PA
Anna Turcotte – Lisbon Falls, ME

Fall Crew

Michael Bowyer – Bethlehem, PA
Chase Collett – Orono, ME
Alexander LaBrecque – Palmyra, ME
Anthony Savino – State College, PA
Samuel Shook – Williston, VT

Meghan Brown – Tempe, AZ
Shane Dufour – Van Buren, ME
Michael Rosenberg – S. Euclid, OH
Jonathan Schmidt – Bowdoin, ME
Edward Telling – Bristol, VT

Statistics

TRAIL STAFF WORK HOURS

(Tally of a 26 week Trail Maintenance Season)

Trail Supervisor	1000
Trail Crew Leaders	2010
BSP Trail Crew Interns	6844
Maine Conservation Corps	4267
Maine Trail Crew (MATC Cost Share)	299
Total Hours	14,420

TRAIL VOLUNTEER WORK HOURS

AMC Service Trips	200
BSP Trail Stewards	303
Colby College	130
Friends of Baxter State Park	107
Individuals – Trail Friends	578
Maine Appalachian Trail Club	433
Tanglewood 4-H Camp	96
Volunteers for Peace	384
Total Hours	2,231

TOTAL TRAIL WORK HOURS = 16,651 HOURS

Statistical Overview

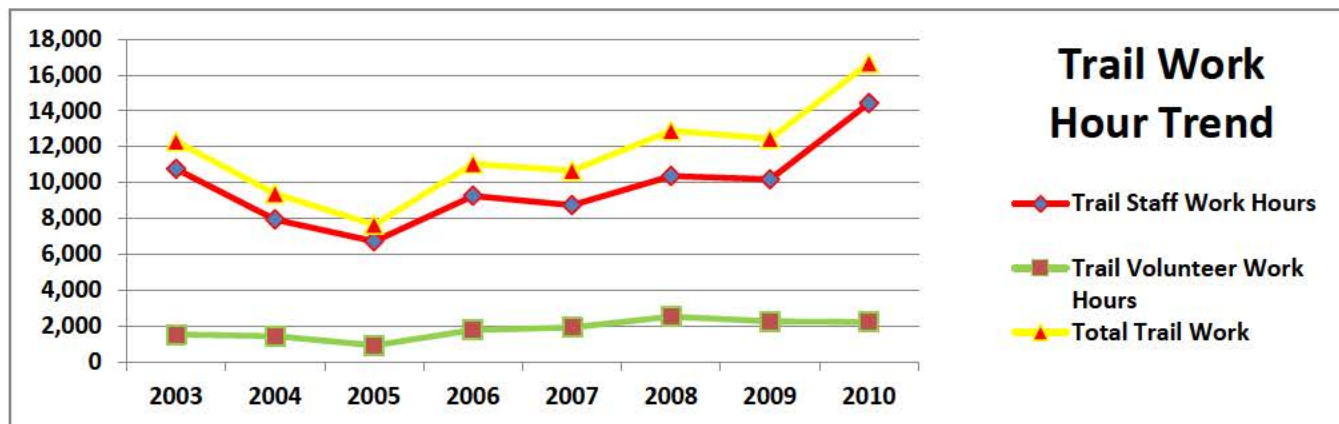
Trail Staff Work Hours are comprised of our three classified trail maintenance positions, the BSP Trail Crew Interns, Maine Conservation Corps (MCC) contract crews as well as the MATC's Maine Trail Crew. These hours are counted separately to distinguish the efforts between paid or contract trail maintenance staff and volunteer trail maintainers.

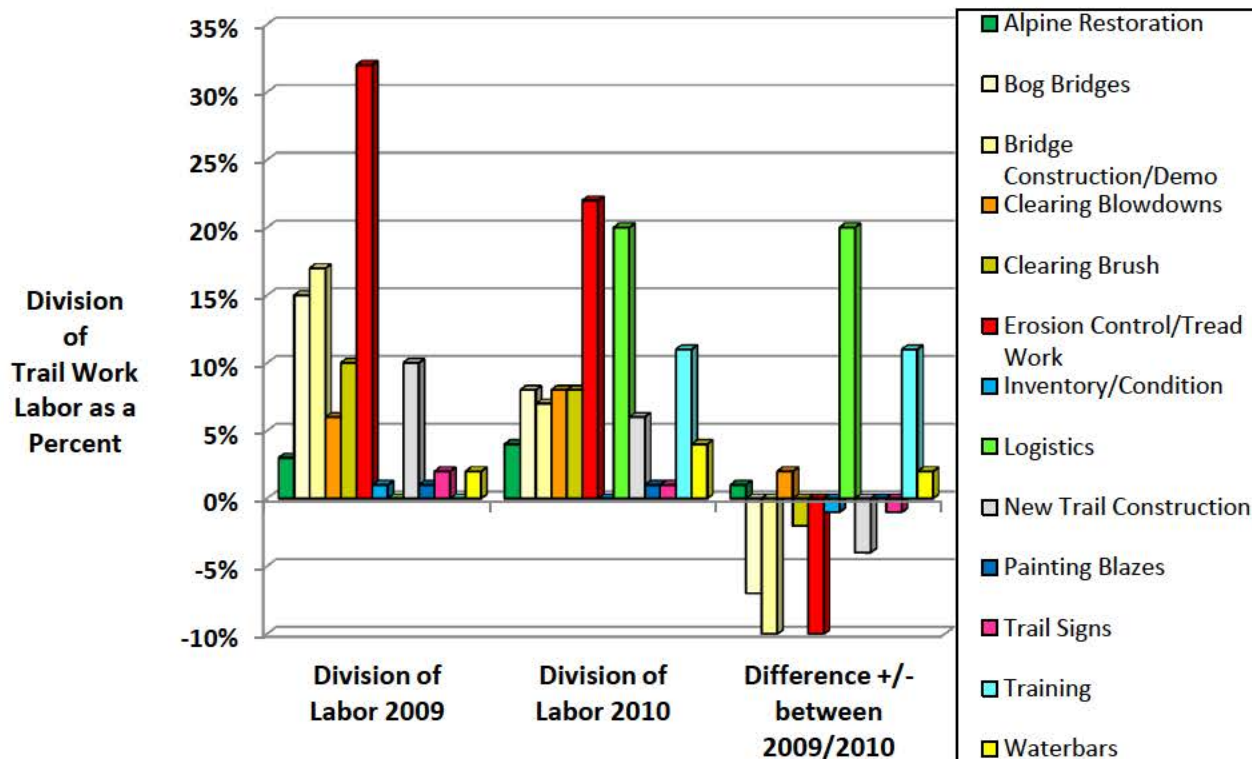
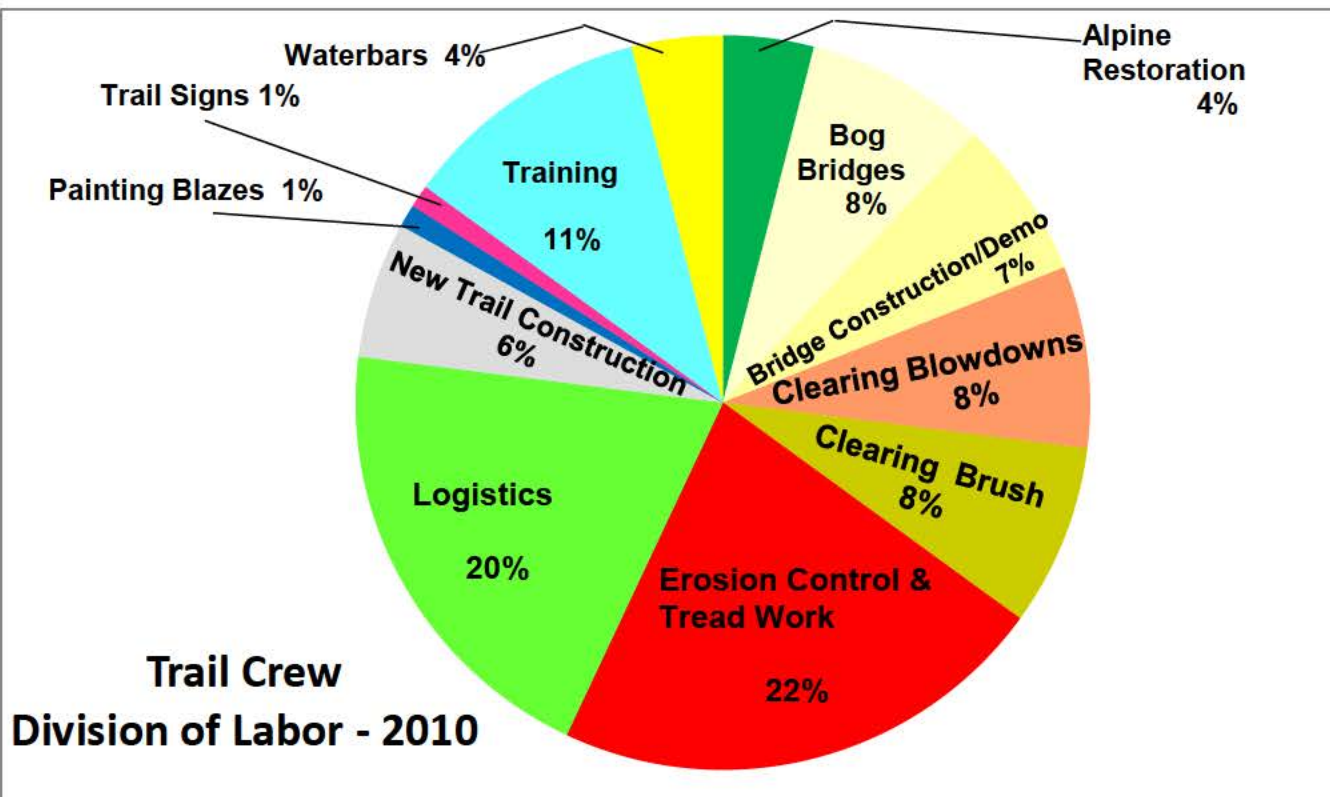
The BSP Trail Crew Interns collectively contributed 6,844 work hours towards trail maintenance for the 2010 season. This is a 27% gain compared to the 2009 crew total of 4,963 hours.

The total hours contributed to the Trail Staff category for this past year was 14,420 hours. Those hours, show an increase by 29% of fielded crews, compared to last year's total of 10,170 hours. This surge of activity was made possible by expanding MCC's contributions from both Baxter State Park and from the support of the Friends of Baxter State Park. The FBSP group donated time and money to successfully reap the rewards of an RTP grant which paid for nine weeks of MCC crews, as a donation to the park.

The Trail Maintenance Volunteer Program had a negligible decrease in participation for 2010. For this year, the total Trail Volunteer Work Hours amounted to 2,231 hours. This is a decrease of 2% compared to the 2009 total of 2,267 hours. Participation in the Trail Friends volunteer program had dropped between 2009 and 2010, by 19%. However, the BSP Trail Stewards program more than doubled in one year. With that said, the Trail Volunteer program continues to be stable with a variety of opportunities for numerous interested individuals and organized groups.

Activity within the overall trail maintenance program had spiked considerably in 2010. The support of multiple MCC Crews, and having nearly a full compliment of BSP crews, helped the Park to realize its greatest potential to date. Never before had the park fielded so many crews in one season. This achievement is a benchmark of the program's model, as ways are developed to optimize the trail maintenance operations into the future.





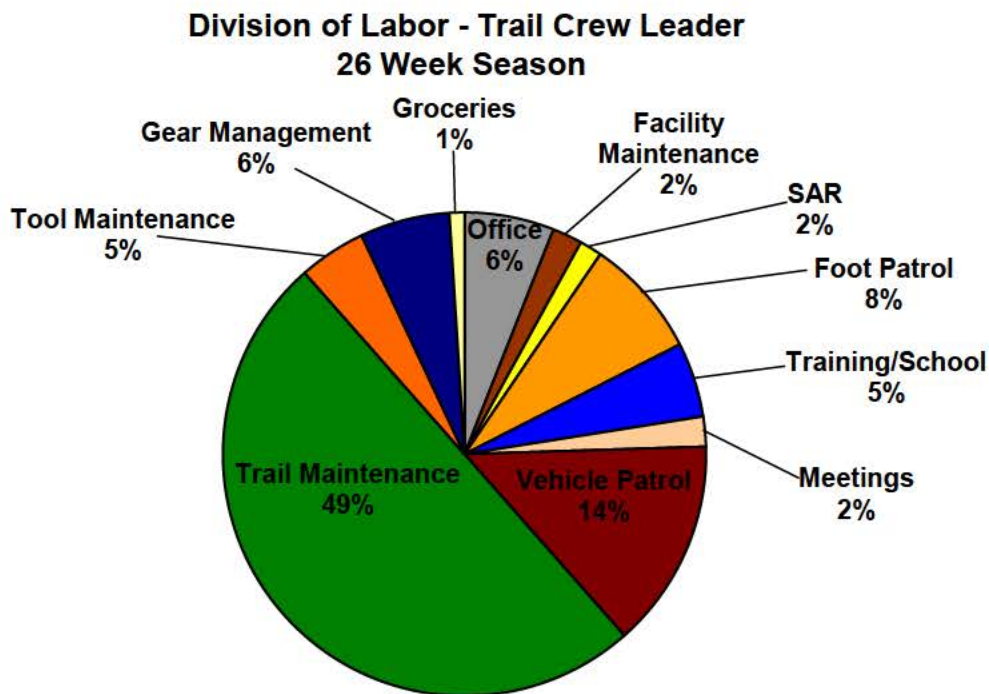
Accurate documentation of work projects is a most important task for trail crews. The reports that are generated from weekly work projects are indispensable tools for reviewing work done in the past,

recording current conditions and planning for the future. In an effort to more accurately gauge and estimate projects for the future, actual time spent working on the various categories of tasks have been separated from the total weekly work hours.

The non-project specific hours that can vary greatly from project to project such as travel time, hiking, planning and tool maintenance and others, have been grouped together in one category labeled “logistics”. The separation of these metrics will aid us in the future by enabling us to better estimate project time lines and expected outcomes. This in turn can assist us with project scheduling.

“Training”, has also been added to the list of hours that can be tracked for crews’ Division of Labor. Training is a major component of the Trail Crew Internship Program. With full crews and additional crews, training hours stack up. By including this metric in the overall picture, we are not only able to realize more accurately what the impact of our crews are, but also the significance of the training regimen and how it prepares the interns for their experience.

Since this method of recording hours is a change from the previous process, it’s important to point out the appearance of growth of those two new categories in the bar graph above. Because of the addition of these categories being added on the whole, it also gives the appearance of a deficit in many of the categories. These comparisons will be clarified within the narrative of each category.



The preceding pie chart gives an accurate depiction of our crew leader’s operational division of labor and how it can represent a crew’s time spent on logistics compared to time dedicated to “on the ground” work.

Alpine Restoration – 693 hrs.

The Alpine Trail Rehabilitation Action Plan for Katahdin continued into its fifth year in the 2010

season. The BSP Trail Crew, as well as an MCC crew, were based at Chimney Pond Campground, where they were able to focus on alpine maintenance work encompassing a variety of projects in an effort to stabilize soils and protect rare alpine plants in that environment. 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 I & E and Trail Divisions. This cooperation ensures that the interns have a full understanding of what protection needs are and how to maintain that protection.

Hunt Trail: 14 hrs. The nylon masonry twine that comprises our string fence on the Thoreau Spring area of the Hunt and Abol Trails was replaced. The one-thousand foot section of trail, lined on both sides with hardwood stakes, required 2,000 feet of string to cover both sides of the trail.

We continue to see improvements provided by the re-vegetation of the Thoreau Spring area. With five years of applying the string fence as a treadway delineation marker, it is obvious that it is working. Sedges and other species of alpine vegetation are reclaiming the once disturbed areas outside of the treadway.

The success of the string fence is a short term solution to a long term challenge. As we continue to evaluate a longer term solution for this segment of trail that is critical habitat to the Katahdin Arctic Butterfly, we will have to ask some tough questions. For example, is the current location of the trail appropriate or should we consider a re-route? Or, are we ready to commit to a multi-year reconstruction effort, using materials that are available near the existing location? Researchers from the AMC hiked the area this year and generated a report with their findings. More discussion, field trips and feedback are needed as this plan is further developed for managing this unique area. Follow up is expected during the 2011 season.

Saddle Trail: 578 hrs. Several weeks of Alpine Restoration work were dedicated to repairing an area on the Saddle Trail between the talus field and the upper junction of the Cathedral Trail. During that time, both BSP Crews and MCC crews reconstructed four (4) rock steps and added a retaining wall, rebuilt three (3) waterbars, constructed seven (7) cairns, re-established twenty-seven feet (27') of scree wall and rip-rapped an area that covers seven- hundred and eight (708) square feet.

Traveler Mt. Trail: 99 hrs. Baxter crews and MCC ascended peaks of the Traveler Range to repair pre-existing cairns and construct additional ones where needed. BSP Crews built ten (10) new cairns on The Traveler, while MCC crews reconstructed nineteen (19) cairns and built eleven (11) new cairns on the segment of trail along the south slope of North Traveler.

Bog Bridges – 1,262 hours

Freezeout Trail: 225 hrs. Areas of bog bridging continue to get repaired and replaced on the Freezeout Trail, where some of the highest concentrations of this trail structure are needed. This year 118' feet were constructed in the vicinity between the Webster Stream Lean-to and Indian Carry.

Marston Trail: 360 hrs. The Maine Conservation Corps camped out at a remote spike camp along the Marston Trail to be able to better access the area of trail in the saddle between South Brother and North Brother on the Marston Trail. It's at this location where they constructed 260' feet of bog bridging, using materials that were airlifted to the site earlier in the season.

Martin Ponds Trail: 80 hrs. The summer crews built 75' of bridging to span beaver flowages and an inlet to Katahdin Lake on the Martin Ponds Trail.

North Katahdin Lake Trail: 120 hrs. BSP's Kidney Pond Crew constructed 134' feet of native bog bridging at a remote location approximately three quarters of a mile from the North Katahdin Lake Lean-to.

OJI Trail: 236 hrs. The Volunteers for Peace and the BSP Fall Crew both contributed to the construction of 156' of bog bridging near the trailhead of the OJI Trail. This project served as a good training opportunity for the new crew that would later construct more throughout our autumn season.

South Branch Mt. Trail: 60 hrs. The summer season Trail's End Crew constructed 80' of bridging across a beaver dam near the junction of the South Branch Mt. Trail and Pogy Notch Trail on the south shore of Upper South Branch Pond.

Wadleigh Brook Trail: 6 hrs. There were 40' feet of bog bridges built at a problem area in the Blunder Bog vicinity.

Wassataquoik Stream Trail: 175 hrs. Both BSP summer crews contributed to transporting materials in this remote area to construct 120' feet of bog bridges along areas that that needed pre-existing bridges replaced and also to apply these structures to areas that needed them, but did not currently have them installed.

2010 Pre-milled Bog Bridge Construction	849'
<u>2010 Native Bog Bridge Construction</u>	<u>134'</u>
Total Bog Bridge Construction	983 ft.

Bridge Construction – 1,145 hrs.

Abol Stream Trail: 130 hrs. A service bridge at the Park's boundary along Abol Stream was replaced in October 2010. This replacement serves both winter visitors and BSP Staff for winter access. The bridge spans 22' feet and is constructed of spruce stringers, cut on site.

Chimney Pond Trail: 100 hrs. During the middle of the season, the second bridge that spans an intermittent stream on the Chimney Pond Trail failed. The Fall Kidney Pond Crew replaced the stringers with native spruce timbers and recycled the decking materials to create a sturdy service bridge that measures 21' feet long.

Chimney Pond Trail: Lower Saddle Brook Bridge – 75' – 439 hrs. Both BSP and MCC crews worked long hours to replace the aging bridge that spans Saddle Brook in the vicinity of the "donkey pasture". Top portions of the cribbing on both abutments were replaced and crews did a fine job reconstructing this important bridge that is integral for performing winter operations in BSP.

Chimney Pond Trail: Upper Saddle Brook 30' – 326 hrs. Collaboration between the BSP and MCC crews led to the replacement of the bridge just 0.3 mile from Chimney Pond Campground. This bridge is another example of a service bridge that serves both the public and BSP Staff for winter hauling operations.

Sentinel Mt. Trail: Crib Construction – 384 cubic feet – 150 hrs. This project was executed in three

days by the Fall Kidney Pond Crew. The cribbed abutment will serve as an anchor point for a bridge that is currently being designed to span Nesowadnehunk Stream. The bridge will allow for hiker access and connectivity for Daicey Pond and Kidney Pond visitors.

Clearing Blowdowns – 1,283 Hours

This essential, general maintenance task is the first job that the the crews initiate 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 lesser used trails that do not see a great volume of hikers and are not as prone to getting braided by foot traffic.

The Spring of 2010 came much earlier than usual. Being that BSP Crews normally do not have the opportunity to begin cutting blowdowns until the first week of June, we contracted with MCC Crews to get an earlier start to open up the trails. This was a great help in being able to open many of our trails before the Memorial Day Weekend.

Erosion Control and Tread Hardening – 3,621 Hrs.

Helon Taylor Trail: 760 hrs. Maine Conservation Corps Crews spent three weeks working on tread hardening and water diversion structures during the season. The result was nineteen (19) rock steps, forty-eight (48) edge stones and one (1) armored rock waterbar.

Hunt Trail (BSP): 1,546 hrs. The BSP Trail Crew continued its 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 divided up at several locations to make it work. This year’s effort welcomed back an MCC Crew, which set up an additional high line to move materials down the trail, once materials were transported up from the quarry site. Many of the volunteers that assist with this project, have come back year after year to be a part of it.

There were sixty-three (63) payloads of rock material transported from the bottom of the ravine to the ridge line. From there, forty-four (44) loads were then transported with the secondary line to a depot. The depot will allow crews easy access to materials for the continuation of setting staircase steps in 2011.

Hunt Trail (MATC): 643 hrs. The MATC’s Maine Trail Crew assisted the park for three weeks during July with tread hardening work on the stairway above Katahdin Stream Falls. The crew of volunteers, led by MATC’s Chris Binder had great success moving and installing sixty-eight (68) rock steps, three (3) stepping stones, and one (1) armored waterbar. This effort was supported by a cost share agreement between BSP and the MATC. This agreement has been helpful in fielding nine weeks of crews over the last three years. We look forward to continuing to work with the MATC, with a similar arrangement for 2011.

Saddle Trail: 488 hrs. A Maine Conservation Corps Crew and members of the BSP Crew

collaborated on hardening an area of the Saddle Trail just 0.3 mile outside of Chimney Pond Campground. The particular area of the trail has seen obvious deterioration within the last couple of years, with continued impacts from hikers by-passing the pre-existing structures.

Crew members gathered materials utilizing rigging systems to transport rock materials to the site and set seven (7) rock steps, nine (9) edge stones, a three foot (3') retaining wall and one (1) armored waterbar.

South Turner Mt. Trail: 184 hrs. One of the crews spent a week on a difficult location on S. Turner where materials were hard to come by and even harder to transport. In an ongoing effort to harden the treadway of some of the steepest sections of the South Turner Mt. Trail, the crew set three (3) rock steps and gathered much more stone for the continued effort into 2011.

National Trails Day

On June 6, 2009 Baxter State Park held its annual National Trails Day event. The crews combined efforts with ten other volunteers for a day full of trail maintenance on The Owl. This event serves as a spring board annually to train both the interns and other interested volunteers to the park's general maintenance standards for defining the trail corridor, cleaning waterbars, painting blazes and documenting trail conditions.

Twenty-two people hiked up onto the plateau of The Owl in the rain to cut back a heavily overgrown area of the trail. This project introduced a couple of new people into the Trail Stewards program. Approximately 0.4 mile of trail was cut back to proper corridor standards before the rains got too heavy and we called it a day.

Volunteers were later treated to a barbeque supper that was prepared by retired BSP Rangers Loren Goode and Charlie Kenney. Thanks to their volunteering and preparation, the crew interns and volunteers' hearty appetites were satiated with the great spread provided for them at the Abol Narrows Volunteer Site.

New Trail Construction – 919 Hours

North Katahdin Lake Trail: 899 hrs. Several weeks of work were applied to the continued trail developments in the Katahdin Lake Region. The crews worked with an AMC Service Group as well as the Volunteers for Peace towards the effort of creating new opportunities for hikers and campers in and around Katahdin Lake.

Earlier efforts during the season emphasized work to the section of trail that was cut in the 2009 season. Grubbing, blazing and corridor definition work was accomplished to bring the trail up to standard prior to opening the North Katahdin Lean-to in early July. Approximately 0.7 of a mile of trail were grubbed and brought up to standard.

Beginning with the AMC and later with the Volunteers for Peace, the crews began the initial cut for extending the North Katahdin Lake trail towards Twin Ponds. Utilizing the North Katahdin Lake Lean-to as our base of operations, crews cut and grubbed a total of 1.4 miles, finishing their efforts for the season within Ellitsville Plantation land.

Crews are scheduled to continue cutting the trail towards Twin Ponds in 2011.

Wadleigh Brook Trail: (Relocation) 20 hrs. In the autumn of 2010, a crew met with Forestry Technician Kevin Osborne to scout out two minor relocations around some beaver flowages in the vicinity of Hudson Pond on the Wadleigh Brook Trail.

Trail Stewards

There continues to be a core group of volunteers that assists with general trail maintenance efforts throughout the park, as participants of the Trail Stewards program. The level of participation in the Trail Stewards program more than doubled in 2010 compared to that of 2009. Reasons for the resurgence of activity in this program can be attributed partly to the promotion by both the Park's website and the Friends of Baxter State Park's quarterly newsletter and by word of mouth through active Trail Stewards. New participants often are recruited by veteran Trail Stewards to assist with their trail assignments. Baxter State Park staff are very thankful for the volunteers who do continue to participate in the program and for their dedication and time that they consistently contribute from year to year.

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

Blazing – 278 Hrs.		Corridor Definition – 1,279 Hrs.	
Katahdin Lake Trail	2.0 mi.	Frost Pond Trail	4.0 mi.
Wadleigh Brook Trail	4.5	Foss & Knowlton Pond Trail	0.2
Lost Pond	1.0	Mt. Coe Trail	0.8
Daicey Pond Nature Trail	1.5	Wadleigh Brook Trail	4.0
Kettle Ponds Trail	1.9	Sentinel Mt. Trail	2.5
Cranberry Pond Trail	1.4	OJI Trail (Ridge)	0.1
Rum Pond Trail	2.0	Blueberry Ledges Trail	4.4
Chimney Pond Trail	3.3	South Branch Falls Trail	0.5
Blueberry Ledges Trail	4.4	Ledges Trail	0.8
Mt. Coe Trail	2.3	Freezeout Trail	3.0
Freezeout Trail	3.0	South Branch Mt. Trail	1.5
North Traveler Trail	2.6	The Owl	0.4
North Katahdin Lake Trail	2.3	North Katahdin Lake Trail	2.3
Tracy and Elbow Pond Trail	1.0	Center Ridge Trail	1.2
Center Ridge Trail	2.1	Roaring Brook Nature Trail	0.8
Roaring Brook Nature Trail	0.8	Pogy Notch Trail	1.2
Pogy Notch Trail	1.6	Cranberry Pond Trail	1.5
Total	37.7 miles	Total	29.2 miles

Trail Signs – 140 Hrs.

Appalachian Trail: (Daicey Area) – Signs were replaced on the Appalachian Trail and related trails within the area that was recently relocated off of the Nesowadnehunk Tote Rd. This also includes the newly named Tracy and Elbow Ponds Trail, Daicey Nature Trail and Grassy Pond Trail. For sign inventory purposes, the following signs were replaced: 113.01, 113.02, 19.01, 19.011, 19.02, 19.03, 26.01 and 26.02.

Center Ridge, North Traveler and Traveler Mt. Trails: Sign posts replaced at each peak. Signs to be replaced in 2011.

Katahdin Lake Trail: Sign posts anchored and signs posted, directing hikers at three junctions along the eastern end of the Katahdin Lake Trail, where former woods roads have made junctions confusing for hikers. Also, a new trail head sign was posted to reflect new trails developed. Signs: 40.01, 40.03, 40.051, 40.052 and 40.053.

Martin Ponds Trail: New signs to update changes at junctions. Signs: 61.021 and 61.03
Signs were also routed and prepped throughout the season as needed with help from volunteer Rick Bray and interns, Tony Savino and Ryan Shanley.

Training – 1,854 Hours

Training is a major component of the Trail Maintenance Internship Program. The training regimen that is provided to the interns not only serves as a foundation to cultivating a safety minded crew, but it also initially serves as an enticement to get potential applicants interested in the program.

During the first two weeks of the program, the interns benefit from training sessions such as Wilderness First Aid, Introduction to Search and Rescue, Chainsaw Safety Training, Introduction to Wildfire Suppression and learn Leave No Trace outdoor ethics. In addition to this, the summer crews participate in the spring meeting, with fall crews participating in the fall meeting. This past season the incoming fall crew was offered the opportunity of a 3 day wilderness orientation trip.

Such opportunities as the ones mentioned above, truly do assist crews with developing situational awareness for all aspects of the work that they do on the crew. These training opportunities ultimately play a large role with our consistent record for safety.

Waterbars and Water Diversion – 640 Hrs.

Abol Trail: 440 hrs. The Maine Conservation Corps spent two weeks gathering materials for constructing and reconstructing waterbars on the Abol Trail. During this time they constructed six (6) waterbars. A major effort was made, also, to collect materials for additional structures. The crew was able to stockpile seventy-three (73) rocks with fifteen (15) buckets of crushed fill along side the trail. These materials will allow crews to begin construction without hesitation in 2011.

Katahdin Lake Trail: 200 hrs. The Trail's End Crew from the summer session created twenty (20) ditch and drain dips at some of the wettest areas along the Katahdin Lake Trail.

Notes:

1. A great many thanks need to go out to Denise Clavette and Barbara Bentley of the Friends of Baxter State Park for their diligence in submitting and managing the grant application process for the Recreational Trails Program. The benefits of that effort are many. The Park received a generous donation of nine weeks of Maine Conservation Corps crews to assist with projects on and around Katahdin.

One of the greatest benefits of that effort was the opportunity to expose nearly a dozen new people to the trail maintenance craft here in BSP with Katahdin as their backdrop. It was a pleasure to work with the MCC crews throughout the season. Their contributions made a great impact on the overall park operations and performance in 2010. Barbara Bentley has followed up with another submission for RTP in 2011. We should learn of the results of that application in the near future. Thanks again to the Friends of Baxter State Park for their support! Here are the results of that support:

Trail	Work Accomplished	Hours
Abol Trail	6 waterbars constructed 73 rocks quarried and moved trailside with 15 buckets of crush fill to supply efforts for 2011	440
Chimney Pond Trail	Replaced 1 – 28' long stringer/deck bridge	246
	Replaced 1 – 75' long stringer/deck bridge	192
Helon Taylor	Constructed 7 steps with 14 edge stones 40 rocks quarried for waterbar efforts for 2011	190
Marston Trail	Constructed 260' pre-milled bog bridges	453.5
Saddle Trail	20' Scree wall, 30 sq. ft. rip-rap 1 stone waterbar with 9 armor stones 8 rock steps with 9 edge rocks Quarried 33 stones	516
Total		2037.5

2. The Trail Crew Interns are still the foundation of the trail maintenance activities here at BSP. There nearly full crews for both of the Summer and Fall seasons. For a model that has been

tailored to recruit mostly from Maine colleges and universities, there is a great cross section of people joining the crew from across the nation. This success can be attributed to the Park's fine website that promotes the Trail Crew Internship Program 24/7, 365 days a year. Thanks to all of the interns and trail volunteers throughout the season. We hope to see you again on the trail soon!

3. We look forward to continuing the trail condition inventory in the upcoming season. There will be two internships available to applicants with a proficiency in GIS to assist with the inventory in 2011. This project's objective is to catalogue a good majority of the trail's infrastructure.
4. There are many fond memories of the 2010 Trail Crew season. The weather was quite favorable, the crews were highly capable and engaged, and it was so busy that the weeks blended quickly into months. The crews quickly became performing work forces, spanned park wide to execute the various tasks before them. Many Thursday night campfires recounted the week's events, speaking of the challenges and highlights of the work and always looking forward to the upcoming weekend's adventures. Monday mornings were always full of stories of weekend exploits such as group hikes, whitewater rafting trips, skydiving, canoe trips and pilgrimages to MDI. Before we knew it, it was November, and we let the last drop of water drain out of the water systems before we said goodbye to Kidney Pond and Abol Field, for another season. The 2010 season sped by in a flash.

The best wishes go out to Steve Loughry and Neal Padrta, BSP Trail Crew Leaders for 2010. Their professionalism and dedication to the job made the busiest season on BSP's Trail Crew a breeze. Thanks for everything guys!

XII. 2010 VOLUNTEER PROGRAM

A valuable team of volunteers contributed more than 2400 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	585.5 hours
Search and Rescue	1,134.0 hours
Trail Maintenance	2,231.0 hours
Scientific Management Area	375.5 hours
Information and Education	65.5 hours

C.

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M

A

2010 was a year of transition for the SFMA. With the retirement of long-term SFMA staffer Mac Browning in 2009, the administrative team carefully considered the current and future needs of the SFMA regarding field operations and management. Early in 2010, the Park began a search process for a Forester I to assist the Resource Manager with the control of field operations and data collection. After a thorough process, the Authority confirmed the selection of Deidra Brace. A Pennsylvania native, Deidra had been working for the Maryland Department of Conservation as a Forester. Deidra assumed her duties with Baxter State Park in early May and began her training and orientation process with the Park and the SFMA.



Dee Brace, Rick Morrill, and Kevin Osborne on Webster Lake

Shortly after Deidra (Dee) Brace was hired, Resource Manager Carol Redelsheimer resigned from her position in early July to assume the Directorship of Science and Education with the Society of American Foresters. Carol relocated to the Washington D.C. area in the summer of 2010.

Carol's efforts over her four years with Baxter State Park improved the management of the SFMA in many ways. Carol refined the database structure of the SFMA GIS system and paved the way for further upgrades and improvements in this important system. For more than two years, Carol devoted considerable time and effort to remeasuring the 111 Continuous Forest Inventory plots originally installed and measured a decade ago. This data provides the first objective measurement of forest change in the SFMA and provides management with critical data on the composition, growth and mortality of the SFMA forest. As a part of the process, Carol redesigned portions of the protocol to ensure that future remeasurements would be more efficient and accurate and that a suitable template existed for the comparison of forest data over time.



Carol Redelsheimer

Carol also encouraged and accommodated significant research efforts in the SFMA oriented toward addressing long-term forest development and management questions. Appropriate research that helps the SFMA refine management or apply more knowledgeable management can be an important component in the overall management effort on the SFMA. Carol's thoughtful initiation of this research will hopefully be the first in a continuing number of efforts to target research toward improving the long-term management of the SFMA.

With Carol's departure in early summer, the responsibilities for the day-to-day management of the SFMA were assumed by the Park Director. The search process was initiated for a new Resource Manager in July.

The summer of 2010 was, particularly in comparison to the previous few years, sunny, warm and dry. June and early July were marked by an intense period of adjustment and realignment of the harvest plan. Forester Brace and Technician Kevin Osborne worked very efficiently and

well together to gather the necessary data to finalize the list of management units scheduled for harvest as well as accomplishing normal forest maintenance and measurement work. Much of this work required extensive examination of terrain and forest structure and by the end of July, Dee Brace was fully oriented to the forest and landscape of the SFMA.

The summer harvest progressed without incident and was followed by a productive fall with generally good weather. The normal fall SFMA Advisory meeting was postponed until after the



Rick Morrill, Dee Brace, Clint Morrow, and Kevin Osborne in the SFMA

selection process was completed in order to include the new Resource Manager. The selection process for the Resource Manager was competitive and very thorough. By late September, the Authority confirmed

the selection of Richard (Rick) Morrill as the Resource Manager for Baxter State Park. Rick assumed his duties with the Park in early October and began orienting himself to the landscape and operations of the SFMA as well as the management system and database structures of both the SFMA and the Park. Rick very quickly grasped the primary systems of the SFMA and established an immediate rapport with the SFMA field staff and contractors. By the end of 2010, Rick had contributed to the management plan of the Park, shifted the GIS platform of the SFMA from Mapinfo to Arcinfo and began the process of building Park-wide compatible database structures to incorporate relational data from all Park operations.



SFMA Resource Manager Rick Morrill

In November, we met with the SFMA Advisory to provide an introduction to Rick and to reassess the direction and timing of policy and planning efforts in the SFMA. Discussion centered on the final assembly of CFI data, the need for more definitive policy regarding harvesting in SFMA riparian areas, revisions to the SFMA database structure, GIS platform and mapping format and the upcoming recertification effort (2011) of the SFMA as a Forest Stewardship Council (FSC) certified sustainably managed forest.

D. Information/Education Division

BSP Naturalist Jean Hoekwater

BSP Interpretive Specialist Marcia Williamson

BSP Visitor Center Receptionists Brian Johnston and Katie Vargas

2010 Wilderness Educator Erica Kaufmann

2010 SCA Interns Heather Day and Lily Vonderheide

2010 Abol Ridge Runner C.J. Manza



"Starting Early" Photo, Marcia Williamson

**"Every child is born a naturalist. His eyes are, by nature, open to the glories of the stars,
the beauty of the flowers, and the mystery of life." Anonymous**

I. Programs

2010 Program Series:

Below is a listing of the presenters and programs from summer 2010:

Evening Programs in the Park:

- 7/7 South Branch Pond – **“Stewardship of Baxter State Park – How Can I Become a Steward of Governor Baxter’s Gift?” – Gabe Williamson** – An interactive, experiential learning program that fostered discussion of what Governor Baxter meant when he said he wanted the Park used in the “right unspoiled way”.
- 7/14 Kidney Pond – **“Discover Who Comes Out at Night” – Jean Hoekwater, Park Naturalist** – Park visitors explored and learned the wonders of the nocturnal creatures of the Park.
- 7/21 Daicey Pond – **“What’s New in Baxter State Park” – Jensen Bissell, Park Director** – spent the evening with Park visitors discussing how Park employees are working to make their visit to the Park more enjoyable.
- 7/28 Kidney Pond – **“Lost on a Mountain in Maine” – Donn Fendler** – Donn relived being lost for nine days in the North Woods of Maine and what sustained him during that time.
- 8/2 Katahdin Stream – **“Katahdin an Historic Journey” – John Neff** – With Katahdin as a backdrop, John Neff, long time Park user, trail maintainer and author recounted historical events of the land that eventually became Baxter State Park.
- 8/4 Daicey Pond – **“Going for a Hike? What’s the Most Important Thing to Take With You?” – Ben Woodard, Chief Ranger** – provided an inside look into the pack essentials that will help hikers stay safe in all kinds of conditions. What is the most important thing to take with you? – Common Sense!
- 8/4 South Branch Pond – **“Bears, Outhouses and Things that Go Bump in the Night” – Retired Chief Ranger, Chris Drew** – An evening of laughter while listening to Chris’s tales of what visitors might encounter at night and in the Park’s outhouses!
- 8/11 Kidney Pond – **“Theatrical Rangers – Park Staff** – Young and old enjoyed an evening of nature theater and the making of animal puppets.
- 8/12 Kidney Pond – **“Star Magic” – Doug Rich** – Doug, a local astronomer and the discoverer of many supernovas, helped visitors create their own star finder and search the clear nighttime sky for constellations and major stars.
- 8/17 Daicey Pond – **“Visiting Artist Open Studio” – Michael Boardman** – Visitors had an opportunity to try their hand at capturing the Park’s landscape and nature on canvas with the second Visiting Artist, Michael Boardman.
- 8/18 Daicey Pond – **“A View of the Park Through an Artist’s Eyes” – Michael Boardman** – The view across Daicey Pond appeared on the canvas during an En Plein Air (in the open air) painting demonstration, in addition to viewing works in progress by the second Visiting Artist to the Park.
- 8/25 Kidney Pond – **“A Fifty Year Perspective – 1960 to 2010 – of Baxter State Park” – Buzz Caverly, former Director** – Visitors followed Buzz through 50 years of Park history – from his early days as a young, eager ranger to the Park Director to his present involvement with the Baxter State Park Wilderness Fund.
- 8/27 Chimney Pond – **“Katahdin an Historic Journey” – John Neff** – The Great and South Basins,

along with Chimney Pond, provided an ideal setting to hear John recall historical events of the Katahdin region.

- 9/15 Kidney Pond – **“Theodore Roosevelt’s Connection to Katahdin and Conservation”** – **Joe Wiegand** – Visitors “suspended disbelief” and enjoyed a poignant and humorous presentation of T.R. that felt like a fireside chat with the “Rough Rider” himself.



Joe Wiegand, “An Evening with Teddy”

Children’s Programs in the Park

- 7/3 Daicey Pond – **“Knock on Wood: Meet the Local Trees!”** - Using their senses, children touched, smelled and discovered the differences between fir trees, maple trees and birch trees, in addition to learning the function of leaves.
- 7/10 Kidney Pond – **“Lords of their Rings”** –Children showed how old they are – in tree language – by making a tree cookie with a ring for every year of their life.
- 7/17 Daicey Pond – **“Home is Where the...Stump Is?”** Where do animals live and what do they need to make their home? These questions were answered by exploring animal habitat in the Park and comparing it to our own homes.
- 7/24 Kidney Pond – **“Night Riders”** – What flies like a bird, eats bugs and only comes out at dark? Bats! Interactive activities and making bat kites provided educational opportunities about bats.

- 7/31 Kidney Pond – **“Good Work, Detective!”** – Did you know you can tell what kind of animal was in the area by looking at their tracks? Animals leave many clues behind for us to discover. Making animal track plaster casts was a hit with this program.
- 8/7 Daicey Pond – **“Where in the Wild”** – Creating a camouflage mask and understanding how animals use camouflage increased insight into the animal world of hunting and being hunted.
- 8/14 South Branch Pond – **“Ew, bugs! Or...Woohoo, BUGS!”** – An up-close look at the wonderful, wet world of water in the pond and outlet stream exposed the fabulous plants and brilliant bugs that live there.
- 8/21 Daicey Pond – **“Barking up the RIGHT Tree”** – Using their beginner’s “Trees of Baxter State Park I.D. booklet” created especially for this program, children did bark rubbings and learned to identify many different beautiful trees in the Park.
- 8/28 Kidney Pond – **“Who Goes In the Woods”** – Going on a “scatvenger hunt” and making scat helped those who attended this program identify the animals that live in the nearby woods.



Children's Program, Daicey Pond

Children’s Programs – Millinocket Memorial Library

- 1/21 **“How Chipmunk Got His Stripes”** – A lively reading and performance of how the chipmunk got his stripes.
- 2/25 **Look! Animal Hide and Seek** – Discover how animals go undetected with their natural camouflage coats.
- 7/29 **Water, Water Everywhere** – When it rains, it pours – but where does all that water go?
- 8/19 **Awesome Power of Ice** – How did glaciers – huge and powerful rivers of moving ice – shape the mountain that we see today?
- 9/23 **What’s for Dinner** – Dissect an owl pellet to discover what owls eat!
- 10/14 **Who Comes to the Pond?** – A puppet show tells the story of who you will meet at the pond.

Park Outreach Programs (partial listing)

- 3/5 Young Authors Institute – University of Maine Presque Isle
- 3/27 University of Scouting Midway – Central Maine Community College
- 4/3 Teens to Trails Conference – Windham High School
- 4/24 Friends of Baxter State Park- Park Update
- 5/18 Isleboro School-Park Orientation for camping trip
- 5/20 Millinocket Middle School presentation to 6th graders
- 5/21 Sherman Station 4th grade-Park Natural History and student topics of interest
- 5/26 Orrington Center Drive 6th grade-Park orientation for June camping trip
- 5/27 Millinocket Middle School Science Fair for 7th graders – Millinocket Outing Club

- 6/5 MATC Caretaker/Ridgerunner Training at Rangeley – Distance Hiker info for Baxter
- 6/16 Kieve/Wavus Summer Camp counselors/leaders presentation/Leave No Trace training.
- 8/3 Girl Scout Leave No Trace in BSP training at Camp Natarswi
- 8/7 BSP Natural History/ Stewardship Challenges-Maine Youth Wilderness Leadership
- 8/8 LNT in Baxter – BFSP – Maine Youth Wilderness Leadership
- 8/25 Colby College Outing Club Leaders Leave No Trace – 2 training sessions – at Colby College
- 8/26 Colby College Outing Club Leaders Leave No Trace – 2 training sessions – at Colby College
- 8/29 Elderhostel: Introduction to BSP
- 9/11 Trails End Festival – BSP/nature related activities for children
- 9/11 Trails End Festival-Hike around Abol Bridge/AT for families
- 9/13 North Haven School grades 7&8 BSP presentation at Bear Brook Group Area
- 9/17 University of Maine Presque Isle Interpretation presentation
- 10/8 Mitchell Scholars-Natural History of BSP
- 10/29 U ME Presque Isle-Issues in Park Management



Marcia working with Scouts, March 2010

Staff Trainings – BSP 101 Training – Jean and Marcia provided training for new staff, including a BSP Law Enforcement Ranger, BSP Campground Rangers, Reservation staff, Visitor Center staff, trail crew members, and interns. The indoor session covered Governor Baxter’s gift, the Park history and management structure, Katahdin trail descriptions using the mountain model, the alpine zone and public relations. They also joined Jensen Bissell, the Park Director, for a van tour of the Park. This year Marcia offered training in the principles and practices of Leave No Trace for two in-house Trail Crews, two Maine Conservation Corps Trail Crews and the Volunteers for Peace. These crews were also offered orientation to and training on the issues they would encounter during their work in the alpine zone.

The annual two-day Leave No Trace Trainer Course taught by Marcia and Gabe Williamson was filled



2010 LNT Trainer's course

to capacity. The Trainer’s Course is part of a nationally recognized program that is intended to teach and inspire outdoor enthusiasts to reduce impacts



2010 Fall Trail Crew LNT Training

while participating in their favorite outdoor recreational activities by following seven Leave No Trace principles. The participants learn the seven principles, the science behind the principles and how to effectively teach and communicate them to others. An overnight in the Park provided a hands-on opportunity to practice the principles. The participants earn a certificate of completion as a Leave No Trace Trainer for participating in the 16-hour course.

This year's course consisted of the BSP Forester and Forest Technician from the SFMA, the two Information & Education Wilderness Educator Interns, a Katahdin Stream Campground Ranger, the Student Life Coordinator from the Life Field Studies Environmental Education Center in Massachusetts, A Girl Scout/Cub Scout leader, and from Acadia – a Raptor Intern, an Interpretive Ranger, a Teacher Ranger and a Student Conservation Association Intern. The diversity of the participants contributed to broader learning for all.

II. Information/Education Projects

Litter Patrol – The 2010 Litter Patrol was scheduled for the roadway leading to the southern gate of the Park on May 8. With plans all in place, Mother Nature had other ideas for the day, so due to the weather, the Litter Patrol was cancelled. An alternative date had not been set with the Park seasonal opening day falling on the following weekend.

Archiving – In the spring of 2010, contractors made further progress in entering 35mm slide resources into the Park archive database. Many flat files (photographs, some historic) and some slides remain, while our digital image files continue to grow faster than we can file them. Archive work is restricted to the winter and early spring months when the Naturalist and Interpretive Specialist can oversee the efforts of those archiving.

Park Newspaper – The first issue of *Wildnotes*, the Park's comprehensive visitor information piece, was printed in the spring of 2010. Beginning on Memorial Day, a copy was given to each car entering the Park. *Wildnotes* is primarily designed as a destination handout piece, given out at the gates, Visitor Center, Headquarters and campgrounds, but not typically



1934 photo of Hersey Dam, Jake Day collection



Gate Attendant Ruth Levesque handing out Wildnotes

mailed out. With some basics remaining the same from year to year and some features changing, the hope is that *Wildnotes* will encourage visitors to learn a little more each time they visit the Park. We plan to phase out of some standard handouts by incorporating those information pieces into *Wildnotes* but will still print necessary stand alone pieces, such as the Distance Hiker brochure.

Pam Redick, a regular Park visitor who has donated her

artwork over the years for brochures, generously donated use of her images for both the 2010 and 2011 issues of *Wildnotes*. Dwight King of Bacon Printing in Bangor worked above and beyond to accommodate our vision of the premier edition of this educational effort. The efforts of both these individuals, in concert with the multiple staff who contributed suggestions and editorial feedback, were key to the success of this effort. Barb Bentley of the Friends of Baxter State Park spearheaded an effort to supply State of Maine tourist centers with *Wildnotes*, including FBSP paying a fee to the Bureau of Tourism to permit the centers to display *Wildnotes*.

2010 Project Aquatic Wild – BSP offered to host a Project Aquatic Wild workshop in the fall of 2010. Area teachers, home school educators, environmental educators and college students planning to teach upon graduation were notified of this curriculum based workshop. After setting the date and mailing promotional materials, it was discovered that the workshop date conflicted with mandatory state testing of students in area schools. As a result, enrollment was less than anticipated and the workshop was cancelled. At Maloney, head of Project Learning Tree, has approached us to host a PLT workshop, incorporating Leave No Trace into the curriculum. With knowledge of school testing requirement dates, we look forward to scheduling a successful Project Learning Tree Workshop in 2011! The state of Maine has a newly passed Environmental Literacy curriculum requirement that will hopefully restore field trips and outdoor experiential learning to their rightful places in the education of all Maine students. We remain indebted to agency educators such as I. F. & W.'s Lisa Kane and Maine Tree Foundation's Pat Maloney for their steadfast enthusiasm in sharing these great tools and providing resources for teachers wishing to use the great outdoors and Baxter State Park for a classroom!

Baxter State Park Interpretive Plan and BSP Management Plan Revision

– As part of the revision of the Baxter State Park Management Plan, the determination was made to include a thorough description of the Information/Education division, including programs, tools and techniques, themes and other details pertinent to the work of the Information/ Education Division at Baxter State Park. This is the first time functions of the I/E have been covered in the Park Management Plan and the section is intended to tie I/E activities to the Park mission, explain the current state of programming efforts and suggest possible future directions for this division. The day to day seasonal and yearly projects and accomplishments of this division will be guided by this document which can be viewed on the web when final edits are completed, in the year 2011. The Naturalist was allowed considerable time in 2010 for drafting and editing of this section for the BSP Management Plan, incorporating the results of discussions with the Director on the framework and future of I/E work in Baxter State Park. When pertinent, she also contributed to the content and editing of other portions of the BSP Management Plan throughout the production phases.

2010 Education Issues –

- A ban on transporting firewood into the Park was introduced, due to Asian Longhorned Beetle and Emerald Ash Borer. Whenever possible, we distributed educational materials produced by the Maine Forest Service, such as the example included to the left.



- Distributed information and signage on the invasive Didymo (or “Rock Snot” to campgrounds/businesses just outside Park boundaries on waters that connect to Park waterways – Matagamon Wilderness Camps and Nesowadnehunk Wilderness Campground.
- “New Wildlife Only” signage was installed at Stump Pond and Sandy Stream Pond – signs were taken down, without authorization at Stump during the fall, resulting in impact on vegetation surrounding the pond, specifically in front of the single accessible site; additional signage was also posted at SSP due to increased impacts, these signs were also removed and found out in the woods away from the pond.
- Disposal of carry out systems for human waste is prohibited at the local transfer station, this season we invested greater effort into educating visitors about the impacts of human waste on trails – Katahdin, No. Traveler, etc. We wish we could offer a carry out system for those hikers committed to a higher level of stewardship but until we have an official chain of custody for proper disposal, we will focus on educating for the best results.
- Hiker information during the shoulder seasons remains an important focus for education. In the spring of 2010, the Director and Chief Ranger formalized a system of early season patrols by Law Enforcement and other Park field personnel, to supply information to help the Director determine when to open trails. The I/E division developed laminated teaching sheets for patrol rangers to carry when checking Katahdin trail conditions. We also created info sheets for all staff at Park duty stations and the public to raise their awareness about the need to stay inside trail corridors, especially if they are hiking above treeline when there are wet conditions.

Miscellaneous Information & Education Projects – There was notice of the large number of summer camp groups, college outing clubs, freshman orientation outings and school groups visiting the Park and an increase in impacts associated with these groups. There may be a recent increase in numbers due to the new advantage of being able to plan ahead with the availability of parking reservations. While there are many benefits to young people being introduced to the outdoors, there are associated impacts which education can help address. Impacts often associated with groups can range from increased noise levels to trampling of vegetation around campsites, in addition to visual and aesthetic impacts to other visitors. After discussing this with our 2010 interns and based on some moderate success in 2009, the decision was made to initiate phone calls prior to the arrival of groups, offering a campsite visit and Park orientation including Leave No Trace and hikeSafe, preferably on the first night of the groups’ arrival in the Park. Hands-on training was provided, experiential learning opportunities with the hope of raising the group’s awareness and reducing their impacts while they recreate in the Park. Response to these programs has been very positive. There are plans to continue to contact groups prior to their visits to schedule more educational programs in 2011.



Part of teaching aid package for employees patrolling trails above treeline on Katahdin

III. Seasonal Staff/Volunteers

2010 Interns – Interns bring a wealth of experience and skills, adding enrichment to the programs and education offered through the I&E Division. Our interns come from both near and far to work in Baxter State Park, absorbing and learning as much as they can about the environment during their short time here. It is a credit to these young people that they so effortlessly become a part of the team and contribute immensely to our educational effort. The following interns joined us in 2010: Following the model successfully piloted by Paul Sannicandro for trail crew, we administered an in-house contract for the Wilderness Educator Intern position, which was filled by Erica Kaufmann. Erica graduated from the University of Maine, Orono with a B.S. in Forest Ecosystems Science. Her 10-month university exchange to Juneau, Alaska and the six months she spent abroad in Italy demonstrated her adventuresome spirit. She received training in Outdoor Studies and Leadership while in Alaska, which included winter backpacking, ten days kayaking near Sitka, Alaska and sailing 500 miles of the Alaskan coastline and Glacier Bay. She has a background of volunteering for the Maine Appalachian Trail Club and working on an organic certified farm. Her work with children encompassing Kindergarten through 12th grade, contributed to her engaging and interactive children's programs. Erica demonstrated her intuitive people skills while mentoring our two 3-month SCA interns. She provided balanced and useful feedback to us



Erica Kaufmann with Jean, at a plant station on Katahdin

regarding our first year of administering the position as an in-house contract.

Heather Day filled our early season Student Conservation Association Backcountry Intern



Heather Day leading a stream exploration

position. She traveled from Missoula, Montana, where she is pursuing a Master's of Science in Environmental Studies at the University of Montana, to "return home to Maine" where she lived as a child. She came to us with an extensive background in environmental education and interpretation gained through various positions with the Appalachian Mountain Club in New Hampshire. She worked in the hut system as a caretaker and as the Visitor Services Manager at AMC's Pinkham Notch Visitor Center where she created interpretive presentations and displays. Working as a camp counselor provided additional experience teaching

children about the environment they live in and leading one-to-two week backcountry trips with youth ages 12-

18. As a Master Educator for Leave No Trace, Heather easily stepped into providing a new program offering for summer camp groups. Her creativity made for some fun and interactive programs through song and movement.

Lily Vonderheide filled our late season SCA Backcountry Intern position, traveling from Moscow, Russia where she was teaching English as a Foreign Language. She had spent a year in Russia, but Ohio is the place she calls home. Lily graduated from the University of Chicago with a degree in Anthropology. Her time working in Glacier National Park sparked her interest in the wilderness. She led interpretive lake tours on a fleet of antique tour boats, in addition to leading interpretive hikes in Glacier. Between her hands-on experience with environmental education and creativity teaching Russian children English, Lily easily developed engaging and fun activities for the children's programs. In addition to her easy rapport with children, she demonstrated an equal ability and poise in communicating with widely diverse populations during her patrols on the mountain and elsewhere in the Park.



Lily Vonderheide placing new signs at Sandy Stream Pond



Katie Vargas and Brian Johnston

Togue Pond Visitor Center – For Katie Vargas, 2010 marked her fourth season of service at the Togue Pond Visitor Center. Paul Corrigan (VC 2008, 2009) transferred to an opening at Abol Campground and Brian Johnston was hired to fill the second spot at the VC. Brian worked from 1979-1997 at Abol Campground thus he began his job at the VC with extensive background on the

Park and worked to update himself on trails and new policies throughout the summer. The Visitor Center served 19,634 people in 2010, including 2,464 children. This year, for the first time, the VC experimented with offering a few safety items for resale. They stocked water bottles with a filter, safety whistles and small flashlights. These items did not begin to sell until the busiest part of the season in August. They will continue this experiment with safety necessities on a small scale while refraining from selling purely souvenir items, as a matter of policy.

2010 Abol Ridge Runner – CJ Manza was hired as the 2010 Abol Ridge Runner, filling a vacancy left by veteran Abol Ridge Runner David Tarasevich (Abol RR in 2004, 2005, 2006 and 2009). CJ thru-hiked the trail in 2001 and had previous experience working as a MATC Caretaker at the Piazza location near Saddleback for two years. CJ shared and demonstrated LNT principles and information on the Park with incoming hikers. He strengthened ties with the owners and employees at Abol Bridge private campground. He hiked through to Cooper Brook crossing and undertook numerous patrols from the Abol Bridge area south to Hurd Brook and Rainbow Stream. On several occasions, he packed out substantial loads of litter and garbage from sites south of the Park. Statistics from Katahdin Stream campground indicate a record 1,476 AT hikers registered in the Park. A breakdown of northbound thru hikers, southbound thru hikers, section hikers and flip floppers can be found in the Appendix for this section as well as a chart showing cumulative statistics over the past 10 years for Distance Hikers in BSP. These numbers do not reflect casual visitor use of the AT corridor between Abol Bridge and Baxter Peak; numbers for overall use of those sections of trail, including the subset of Distance Hikers, is shown on the trail statistics portion of the Annual Report.

One important milestone connected with the AT occurred in 2010. Linda Belmont, owner a proprietor of the Abol Bridge Store and Campground, sold her business. Beginning the venture with her late husband Art, and carrying on the business after his death, Linda has been a fixture in the region for 34 years. She and Art both cooperated with the Park on many issues associated with educating visitors and providing emergency contact in the region. She has been an especially important contact for the annual influx of AT thru hikers and exemplifies the kind of local support hikers depend upon to make their journeys possible. Her calm manner and dry sense of humor will be missed by those of us with patrol duties near Abol Bridge.

Volunteers – Volunteers donate time and expertise to supplement the efforts of the I&E division. We are fortunate to have such willing volunteers and appreciate their work. Below are descriptions of some of the assistance offered in 2010. (Note: Often, volunteers contribute their time to other divisions within the Park. Those contributions will be reflected in other parts of this Annual Report.) Volunteers are listed in the appendices.

Aquatic plant inventories: 30 hours were donated to this project. See further discussion under “Monitoring, Aquatic Surveys”.

Loon Count: Early on a Saturday in July, ten volunteers scanned varying ponds within the Park to participate in the annual Maine Audubon Look Count and contributed 17 hours. The results of the loon watch and volunteers are in the Appendix of this section.

Jr. Ranger booklet collating: This project included 7 hours collating over 500 Jr. Ranger booklets for the Park's young visitors.

Programs: Retired Chief Ranger, Chris Drew, provided an evening program on "Things That Go Bump In The Night", Doug Rich introduced many Park visitors to the nighttime sky and Marybeth Varney entertained young and old alike with a Native American tale on "How The Chipmunk Got His Stripes" by using forest animal puppets.

Information & Education Signage Postings: Each fall the summer signage is taken down and replaced with the updated winter information. Gabe Williamson assisted with the postings of the winter information at many of the campgrounds and the kiosk along the AT corridor.

Photo donations: We are very thankful to artists who donate their images to the Park's image files. This year, we used color artwork from Pam Redick and pen drawings by Liz Hutson to illustrate the premier edition of *Wildnotes*. We also received photographs from Jim Boutin, Lee Cordner, Don Eno, Charlie Jacobi and Laurie Rich.

IV. Trainings Received/Conferences Attended

Maine Environmental Education Association, Marcia, 3/26
Spring meeting Josselyn Botanical Society, 4/10
Annual meeting of the Waterman Fund (honoring Charlie Jacobi), N Conway NH, 4/10
Species Vulnerability to Climate Change workshop, Hermon, ME 5/19
2010 Josselyn Botanical Society annual meeting, Fryeburg, ME 8/ 9-13
Manomet Climate Change Conference, Freeport, ME 11/16
Wildland Firefighting Class by the Maine Forest Service 12/15-17

V. Research and Special Use Permits

Wassataquoik Drainage Survey – In 2010, the Maine Department of Environmental Protection continued their work in surveying the aquatic resources of the Wassataquoik Drainage in order to better characterize the ponds and streams of this wild region. The appendix to this section contains a table showing some of the results of the 2009-2010 surveys and an additional table shows results of water chemistry the DEP wetlands group compiled after sampling Whidden Ponds 1, Whidden Ponds 2 and Sandy Stream Pond. When DEP requested permission to sample in the Whidden Ponds chain, BSP Managers requested that Sandy Stream Pond be added to the sampling list to determine if any significant differences could be detected that might explain the heavy use of Sandy Stream Pond by moose. While the chemistry results did not indicate huge differences, there were a few differences in water quality, PH and ionic concentrations (including calcium). Whidden 1 is the scenic pond nearest Sandy Stream Pond and visitation by moose is



DEP Evaluation of Whidden Pond 2

evidenced by numerous tracks. The chemistry of Whidden 1 is closer to that of Sandy Stream Pond than the chemistry of Whidden 2, off trail from the Russell Pond trail. Whidden 2 is more acidic and has low acid neutralizing capacity and low calcium concentrations. Ultimately, we may never know the exact constellation of factors that draw moose to Sandy Stream Pond but we are appreciative to our colleagues in sister agencies such as DEP and IF & W for assisting us as we seek information to better manage the Park.

North Turner Granite/Granophyre Transition Study – The sequencing and duration of events in the geologic history of Park landforms continues to intrigue geologists. In 2010, the Director's Research Committee approved Kyle Marvinney's request to collect rock specimens from the northwest ridge and summit of North Turner mountain. To quote Kyle's summary of the field work, the object was *"to examine the granite to 47ranophyres transition in the highlands of Baxter State Park in greater detail. Closer examination of the transition can be used to determine the intrusive relationship of the two units; a gradational transition implies the two were part of the same magma pulse, while a sharp contact suggests the 47ranophyres is a later intrusion that may have lifted the roof of the magma chamber."* The samples collected will be analyzed to give geologists greater understanding of the timing and nature of this transition zone.

The Park approved the collection of up to 20 hand sized samples on a transect across the mountain and from the summit, to be cut into thin sections for petrographic and other chemical analysis. The Park awaits the results of lab analysis, which will be overseen by Professor Gary Boone.

An interesting note regarding this proposal: Three generations of geologists were involved in this investigation: Kyle Marvinney, a junior at St. Lawrence University, Robert Marvinney, State Geologist, and Dr. Gary Boone, retired geology professor. Kyle's summary of his field work is included in the appendix for this section. The results of the lab analysis are forthcoming from Dr. Boone.



View from Kyle Marvinney's study site on North Turner

Distribution, Abundance and Diversity of Ants in the North Eastern U.S. – Baxter State Park does not have basic presence/absence information on many invertebrate groups. In recent years, Park officials have been very receptive to studies of invertebrates including the necessity to collect voucher specimens in many instances. The Park Director approved a study on springtails in 2009 and a study on ants in 2010. However, the location and terrain of the Park is sometimes an obstacle for researchers and in these instances, that proved to be the case. Both studies were deemed worthy enough to waive the Park prohibition on collecting because identification to species in these groups requires experts and often laboratory settings. The researcher for the 2010 proposal on ants, Israel Del Toro, is a student at U. Mass Amherst and his work was supported by both Amherst and Harvard University. Israel was looking to collect over a broad area, from north to south and also altitudinally. The Park was one of the last places he planned to collect and unfortunately, he experienced health setbacks due to Lyme disease, contracted from his field sites earlier in the summer. After re-scheduling, Israel did come

to the Park to work but was unable to manage any strenuous hiking, instead of setting up pitfall traps for ants on South Branch Mountain, he collected at Trout Brook Farm campground. Collected specimens were preserved and taken to be identified at the Harvard Museum of Comparative Zoology.

Soils Mapping – For several years, Park Director Jensen Bissell has corresponded with the Natural Resource Conservation Service, regarding the comprehensive mapping of soils in Baxter State Park. In 2010, the NRCS, under the leadership of Tony Jenkins, dedicated several soil scientists and outside contract soil scientists to a Park-wide soil mapping efforts. They covered many areas of the Park, using crew housing when available. Special efforts were devoted to the alpine area of Katahdin, where the Park asked them to use extreme caution and restricted the amount they could excavate to determine soil types and learn about soil formation in the alpine zone. A summary of their findings thus far can be found in the appendix to this section. Of particular interest to them, were the soils on the Tableland of Katahdin. They were surprised to find greater depth than expected rather than thin soils over bedrock. The exact makeup and characterization of these soils is of great interest to the NRCS and could inform Park decisions regarding trail maintenance. The NRCS has requested permission to return to Katahdin and collect soils and excavate more extensively, based on the unusual nature of their findings thus far.

Filming Permit – Christian Munoz Donosa – The Park was contacted by representatives of Massachussetts Audubon and Equilibrio Films, LLC, for a permit to film in the Park in late September. Filmmaker Christian Monooz-Donoso was the photographer and the project was the final in a series called “Wildview.” The series explored the world of nature throughout the US, using ultra high definition cameras. Christian was interested in capturing moose on film in the Park. One of the hurdles modern photographers grapple with is the high energy use of modern high def cameras. With no location to re-charge within Park boundaries, they either need to leave, sometimes at crucial points in the photography, carry extra, very expensive batteries or develop an onboard charging system, as Christian did. Despite some confusion about parking privileges at Stump Pond, overall the project proceeded quietly. A complimentary copy of the video as broadcast over public TV in New England, and including some footage from the Park, will be sent to the Park in spring 2011. To limit impact to wildlife at specific spots in the Park, the permit specified that the location of Park wildlife shots included the video simply by listed as “Central Maine”

Other Meetings Noted

BSP Authority meetings KP – 5/14 and 10/1

Leave No Trace in Maine Steering Committee meetings – 3/22, 9/27 and 12/1

Annual Meeting of the IAT-Shin Pond- 5/7

Listening Sessions for BSP Management Plan-6/ 22, 7/27, 9/19

Listening Session in Bangor for America Great Outdoors Initiative– 9/2

BSP Volunteer division coordinator meetings -5/13, 7/8, 11/9 and 12/1

Maine Woods Forever Roundtable 12/10

BSP Fire Planning meeting with Maine Forest Service 12-14

VI. Monitoring/Inventory Work

High Elevation Bird Survey – On June 16, Jean conducted a High Elevation Bird count with interns Erica Kauffman and Heather Day. Marcia was not able to join us because she was needed at lower elevations to honor a prior commitment to provide a training presentation for Kieve/Wavus leaders. We had marginal conditions but set out in spite of the weather because it was the best day available within the June 10-20 window. No Bicknell's were seen, but one was heard on the way up Saddle Slide. The usual suite of species were heard along the route and Erica and Heather had the opportunity to practice their bird song identification skills.

Later in the summer, BSP hosted an expert team of birders who were contracted by Vermont Center for Ecostudies to survey and document Bicknell's on several routes in the Park. Sage Dunn and James Ialeggio arrived in late June and spent June 23-28 at the Nesowadnehunk Field, June 29-30 Abol and July 1-2 at Chimney Pond, accomplishing surveys on Doubletop, Mt Coe, the Brothers, Abol Trail and Howe Peaks. The work Sage and James did provided the basis for an overhaul of the survey routes and methodology VCE will employ beginning in 2011 to upcoming years of surveys for Bicknell's Thrushes.

Breeding Bird Survey – Lindsay Tudor, Maine IF & W biologist, once again conducted the Breeding Bird Survey along the Horse Mountain route on the north end of the Park. Hard copies of the data are filed with the Park each year and kept in the Naturalist office.

2010 Katahdin Arctic Butterfly Survey – On July 2, Jean, Marcia, Erica and Heather set out on a Katahdin Arctic survey. Weather prior to this week was mostly heavy rain or humidity and this day was not dry, warm or calm enough to qualify as ideal butterfly survey weather. We did sight one individual. As a matter of interest, the interns did not detect any Katahdin Arctics prior to our survey date and despite increased awareness, detected no individuals later in the month of July either.

Mapping and Documentation of the Thoreau Spring Sedge Meadow Habitat – Ken Kimball, the Director of Research for the Appalachian Mountain Club, and Alpine Ecologist Doug Weihrauch climbed Katahdin on July 7, 2011, to map the location and extent of the sedge meadow community in the vicinity of Thoreau Springs. The Park contracted with the AMC ecologists in an effort to explore all avenues to come up with the most effective plan of action to address the issues of trail braiding and habitat impact from hikers. Doug Weihrauch mapped alpine plant communities on Katahdin in 1996. The maps produced from their fieldwork showed the very small percentage of plant communities above treeline on Katahdin that are defined as Sedge Meadow. The community type is rare enough that the recently published Maine Natural Areas Program reference text, *Natural Landscapes of Maine, A Guide to Natural communities and Ecosystems*, by Cutko and Gawler, does not list Sedge Meadow as a community type for Maine. On Katahdin only about 1% of the area fits into this category but this community is vitally important to the Katahdin Arctic Butterfly and the ground nesting American Pipit, both listed as state endangered. The perennial problem with hikers hiking outside the trail corridor on the Tableland, to avoid getting their feet wet, has raised the question about possible locations the trail might be moved that would not result in the same trail braiding and cumulative damage to sedge roots. Doug and Ken were asked to revisit this area, get the community boundaries accurately mapped

and give their own versions of what might be effective in the face of hiker impact to sedges in a critical habitat. The resulting report can be viewed in the Appendix to this section.

Maine Audubon Loon Count – The loyal loon count volunteers and Park staff who gave of their time very early on Saturday July 17 to help count adult loons, nest sightings and newly hatched chicks was greatly appreciated. This year ten volunteers and ten employees diligently scanned 18 ponds in the Park to provide an accurate number of sightings, some using canoes and kayaks to cover larger bodies of water. A table listing the ponds observed and the volunteers participating is included in the Appendix to this report.

Aquatic Surveys - Anne Huntington did some initial surveys of Matagamon Lake in 2009 but did not cover several areas in her initial surveys. In 2010, Jean Hoekwater joined her for two days and John McPhedran, aquatic plant specialist with Maine DEP, joined them for one of the days. His agency motor launch permitted traveling together and covering a larger area while he provided i.d. tips to distinguish between some of the species found in the extensive aquatic plant beds. No invasive species were detected during the two days of patrols but the area needing basic inventory is extensive and the initial visits have thus far only been cursory overviews. John McPhedran emphasized a lake such as Matagamon Lake, with



Anne Huntington and John McPhedran, Aquatic Plant Surveys, Hay Brook

motorboat and float plane use, can rapidly succumb to invasives if a plant is accidentally introduced, due to the extensive shallow areas with abundant sunlight. He was encouraged that the plant beds he saw consisted of communities of native species but emphasized how vulnerable this sort of lake is to unchecked infestations if invasives establish themselves without detection.

Mountain Plant Watch – The five designated plant stations on Katahdin were checked a total of 14 times during the season this year, averaging once a week. Due to weather conditions at the beginning of October, plant stations were not observed the final two weeks of Mountain Patrol by the interns. All data gathered on these five stations was submitted to the New England database developed and maintained by the Appalachian Mountain Club at Pinkham Notch, NH. For more information on Mountain Plant Watch, please check the following link:

<http://outdoors.org/conservation/mountainwatch/mtplant.cfm>

Miscellaneous Plant Surveys-On August 14, botanist Georgia Hall accompanied Jean Hoekwater in a climb up Trout Brook Mountain and exploration of the cliff faces to check for three plant species, based on a schedule of ongoing surveys coordinated through New England Wildflower Society (NEWFS) Plant Conservation Volunteer program. Unfortunately, they did not succeed in this attempt; plans were made to invite others to help in 2011 and narrow down the search area.

NEWFS Plant Conservation Volunteer Rick Speer spent several days checking plants at two different locations in the Park. On one outing, he was checking a few alpine plant stations on Katahdin and on the other trip, he checked for a couple of alpine species on North Brother and Fort Mountain. He met with success on N Brother but inclement weather forced him to abandon his search on Katahdin.

Purple Loosestrife Surveys – Since the discovery of purple loosestrife at Matagamon Landing in the late 1990's, we perform routine checks of the area starting in June and going through the growing season, typically ending in early to mid September. Eight checks were performed this year and no purple loosestrife was detected. This is a positive sign that in addition to digging up the plant, the visitor education regarding invasives has been effective. In late summer/early fall, a purple loosestrife plant was discovered just outside the southern Park boundary in Caribou pit. A thorough search of the area showed no signs of spread and this area will be added to the routine checks next season.

Mountain Patrol – A total of 64 mountain patrols were conducted by Erica, Heather and Liz during their weeks on Alpine Steward duty on Katahdin. As Alpine Stewards, they provide information and



Erica Kaufmann on Mountain Patrol

feedback to the Park Naturalist and Interpretive Specialist about the natural resources, any damage occurring in the alpine zone, the collection of data on specific plant species and track numbers of hikers on Katahdin on any given day. They provide much needed education to visitors about the beautiful and fragile environment on Katahdin and the threatened and endangered species who rely on that environment. Their number one priority is public contact. Through education and active stewardship, they help hikers understand the alpine zone and enjoy their experience while ensuring protection of the plants and animals. 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. All data is collected on standardized forms and a summary is included in the Appendix of this annual report. 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 – The Wilderness Educator and SCA Backcountry interns performed 32 moose patrols at heavily visited ponds in the Park from June through October. Visitor interest is highest during



May/June when moose calf sightings are frequent and again during September/October when fall foliage and the moose rut result in peak photographer numbers. The interns are trained to provide education about ethical wildlife watching behavior, noting distances between humans and moose and off-trail use impacting the habitat in the area, in addition to collecting visitor use data. During the 2010 season, increased use by photographers was noted at both Stump Pond and Sandy Stream Pond with subsequent impact to the surrounding area of Stump Pond in particular. Additional "Wildlife Area Only" signs was posted at both Stump Pond and Sandy Stream Pond providing an additional education effort. A summary of the moose patrols can be found in the appendix of this report.

Assorted Field Patrols

2/18: Abol, Katahdin Stream, Newadnehunk Field winter patrol- Jean and Marcia

3/8: Chimney Pond to help site info kiosk, visit to Martin Pond, N and S. Katahdin Lake lean-to sites with Greg Hamer – Jean and Marcia

5/25: Turner Falls with Jensen Bissell and Christine Theriault-Jean

5/28: South Turner, Staff training – Jean, Marcia, Erica, Heather, Christine Theriault and Deidra Brace, Forester SFMA

6/9: Check of Trout Brook for report of Dydimio "Rock Snot" – Jean and Marcia

6/15-17: Katahdin for High Elevation Bird Survey – Jean, Erica and Heather

7/1-3: Katahdin for Arctic Butterfly Survey – Jean, Marcia, Erica and Heather

7/20: Katahdin Lake Trail, plants-Jean

7/23: Roaring Brook/SSP patrol-Jean

7/26: Whiddens with DEP wetlands team-Jean

8/3: Katahdin Lake, new leantos-Jean and Marcia

8/14: Trout Brook cliffs, plant survey-Jean with Georgia Hall

8/24-26: Matagamon Lake aquatic plant surveys, Anne Huntington, John McPhedron with Jean

8/27: Millinocket Lake with Volunteers for Peace and BSP Business Manager Christine Theriault

D. ADMINISTRATIVE SERVICES

I. 2010 ADMINISTRATIVE SERVICES STAFF

- Personnel/Payroll Technician, S. Jean Howes
- Accounting Associate II, Mary Ellen Bell,
- Inventory and Supply Associate, Constance Theriault
- Office Associate II Supervisory, Joni Lowell
- Office Associate, Nancy Guay
- Office Associate, Jeannie Tibbitts
- Office Associate, Mary Beth Varney
- Office Associate, Monica Rauf
- Project position for Day Use Parking Reservation(DUPR), Kelley King

On January 19, 2010, the annual "Opening Day" for Reservations was held. That morning 71 customers made 81 reservations. Maine residents made 61 reservations and non-residents made 10. A computer was set up in the conference room again this year for our customers to view "reservation availability" so they could change their reservation if what they were planning was unavailable. This was the first year for the change from per person rate to site base rate in the campgrounds. The information for the new Day Use Parking Reservation system was shared with visitors that were here for opening day and how that process would be implemented.

Mike White and Christine Theriault worked on the Day Use Parking Reservation (DUPR) system and set up the first on-line reservation system used by Baxter Park. A person using the system could go to our website and reserve a parking spot at one of the trailhead parking lots (Roaring Brook, Abol, or Katahdin Stream) on-line with a credit card for \$5. We also hired a project position in the reservation office to field the calls for the DUPR and to do reservations for people who didn't have the availability to do it themselves. There were some things that had to be adjusted in the system to work better for the visitor but overall the system worked well and our visitors adopted the on-line reservation system quickly. In the course of the season over 4900 day use parking spot were reserved using the system and approximately 75% were done on-line without assistant of our staff. At the end of our season a meeting was held with all Park staff that was involved in the DUPR system we determined what worked and what would need to be adjusted for next season.

Admin Staff worked with the department supervisors to complete another annual budget. With the economy still struggling some cuts had to be done in the operations and capital sessions of the budget to make this budget balance. Baxter Park was fortunate that our staff was not affected by the layoffs that were affecting agencies statewide.

The hiring freeze in State Government was in effect again this season so, Jean Howes, in Human Resources had to fill out "hiring freeze exemption" paperwork for all our seasonal staff and the paperwork had to be approved by budget to allow us to hire everyone back. Ben and Jean Howes worked on plans for what training would be provided to our seasonal staff coming back from seasonal layoff. Interviews were conducted to fill positions at Trout Brook Farm, Togue gatehouse, Abol campground, Katahdin Stream campground, Roving Ranger and Roaring Brook campground.

In May the Authority approved the Annual Budget and seasonal staff began returning from their winter off. The business office was once again in a flurry of paperwork getting everyone back to work. Uniforms and supplies were disbursed and everyone was on their way to work. Arrangements made for the June All Staff meeting.

The weather this summer season was sunny with few rainy days making the hiking and camping season extremely busy.

II. WEBSITE

Last year plans were put into motion to update the Baxter State Park website. During the winter months the bulk of the work was done by Jensen going over the website site page by page and adjusting the look of the pages as well as the content. The Admin Staff and Connie helped with proofreading and suggestions of changes. We were fortunate to hire a website designer who worked well with us and made the transition from the old website to the new one go virtually seamless. In the beginning of April we launched the new website. Since the new website has been up we have had many comments on the improvement of the website. Go to baxterstateparkauthority.com and see the new website.

II. RESERVATION STATS

RESERVATION OFFICE STATS - 2010 SEASON

	Site Nights	Adults	Junior	Child	Counter Reservations	Mail Reservations	Radio Reservations	Telephone Reservations	Winter Reservations	Telephone Calls	Office Visitors	Mail Received	Information Packets Sent	Videos Shown	
Jan	538	538	0	0	98	71	0	0	41	300	100	95	30	0	
February	1442	1442	0	0	13	165	0	0	19	350	220	184	15	10	
March	1189	1185	4	0	26	498	0	0	9	415	300	581	14	15	
April	0	0	0	0	33	845	0	0	0	772	100	900	15	13	
May	2461	2131	300	33	55	775	20	111	0	900	102	800	10	10	
June	8544	7641	750	153	85	580	59	399	0	1700	130	620	7	12	
July	18637	14400	3726	511	62	464	83	523	0	1850	400	500	15	20	
August	22018	17858	3623	537	83	385	111	493	0	1700	300	400	7	50	
September	12235	11388	720	127	44	172	89	398	0	1320	220	200	12	30	
October	4527	4313	144	70	16	9	40	120	0	250	40	20	2	2	
November	0	0	0	0	28	54	0	0	82	277	81	70	12	2	
December	127	127	0	0	0	24	0	0	24	200	45	35	10	0	
TOTALS	71718	61023	9267	1431	543	4042	402	2044	175	10034	2038	4405	149	164	

May 2009 Site Nights

2415

June 2009 Site
Nights

6914

May 2010 Site Nights

2461

June 2010 Site
Nights

8509

46 more in May 2010

1595 more in June 2010

August 2009 Site
Nights

19115

Sept 2009 Site
Nights

11536

August 2010 Site
Nights

22018

Sept 2010 Site
Nights

12235

2903 more in August 2010

699 More in Sept
2010

July 2009 Site Nights

17003

Oct 2009 Site
Nights

4069

July 2010 Site Nights

18637

Oct 2010 Site
Nights

4527

1634 more in July 2010

458 more in Oct
2010

7,335 More Site Nights Summer 2010

IV. BUDGET

The Annual Budget for fiscal year 2010 (July 1, 2009 through June 30, 2010) was approved by the Authority at the Authority meeting at Kidney Pond in May, 2009.

The 2010 Annual Budget consists of the following:

Total Projected Revenue	\$3,526,168
Expenses	
Personal Services	\$2,444,625
All Other	\$ 924,943
Capital	\$ 156,600
Total Expenses	\$3,526,168

The Annual Budget for fiscal year 2010 ended June 30, 2010

Balance brought forward July 1, 2009	\$ 211,327	
Revenue	\$ 3,218,964	
Total Revenue		3,430,291
Expenses		
Personal Services	\$2,321,839	
All Other	\$ 868,772	
Capital	\$ 155,485	
Total Expenses		\$ 3,346,096
Ending Balance brought forward June 30, 2010		\$ 84,195

The Biennial Budget for fiscal year 2010-2011 was approved by the Authority at the October Authority Meeting at Kidney Pond.

	FY10	FY11
Total Projected Revenue	\$3,526,168	\$3,572,750
Personal Services	\$2,444,625	\$2,514,744
All Other	\$ 924,943	\$ 912,130
Capital	\$ 156,600	\$ 145,878
Total Projected Expense	\$3,526,168	\$3,572,750

See Section F. Financial Reports for details.

V. CONTRACTED SERVICES

Rubbish Removal – Plourde Trucking, Millinocket; Pine Tree, Houlton
 Janitorial Services – Denise Bragdon, Millinocket
 Firewood and Firewood Bundling – Mike Sabine, Clint Morrow
 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
 Website Maintenance- Cadillac Web Development

VI. DONATION ACCOUNT

Donations to Baxter State Park - Fiscal Year 2010

Donations FY 2010 under \$1000	DATE	AMOUNT
From 7/1/09 to 6/30/10		
Anonymous - Field Locations	Aug-09	\$259.03
	Sep-09	\$388.04
	Oct-09	\$2.65
	May-10	\$21.35
	Jun-10	\$114.02
	Total	\$785.09
Anonymous - Reservation Office	Jul-09	\$0.85
	Aug-09	\$1.70
	Sep-09	\$100.00
	Oct-09	\$2.65
	May-10	\$50.00
	Total	\$155.20
Individual Donations		
Ed Hawkins	Sep-09	\$100.00
George Rich	Sep-09	\$50.00
Mr & Mrs Dale Rice	Oct-09	\$100.00
Gail Haskell	Dec-09	\$50.00
Ed Hawkins	Feb-10	\$100.00
Richard Bray	Feb-10	\$192.00
Matawan High School	Mar-10	\$200.00
James Garland	Mar-10	\$500.00
Douglas Andrews DVM	May-10	\$50.00
Ed Hawkins	May-10	\$100.00
Baxter Tea Co	Jun-10	\$100.00
	Total	\$1,542.00

PURCHASES

TOTAL PURCHASES

LeVasseurs

\$310.46

				LL Bean	\$275.18
Donations FY 2010 over \$1000				LeVasseurs	\$5.36
				Card Member Service (cameras and supplies)	\$946.30
Baxter Park Wilderness Fund	Jul-10		\$21,250	Patsy Huston	\$16.00
				Card Member Service (canoes, CPR manikins)	\$3,138.44
Baxter Park Wilderness Fund	Oct-10		\$21,250	Card member Service (cameras for LE)	\$343.72
				Clark Guide	<u>\$20,000.00</u>
Baxter Park Wilderness Fund	Jan-10		\$21,250	TOTAL PURCHASES	\$25,035.46
Baxter Park Wilderness Fund	May-10		\$21,250		
Friend Of Baxter	Mar-10		\$20,000		
Total			\$105,000		

VII. POSITION CHANGES

NEW EMPLOYEES:

Neal Padrta – Trail Crew Leader
 Steve Loughry – Trail Crew Leader
 Alice Wilbar – Abol
 Russell Porter – Roaring Brook
 Mark Sairio – Roving Ranger
 Bill Martell – Abol
 Betsy Dawkins- Katahdin Stream
 Gerry Locke – Trout Brook Farm (acting capacity)
 Ryan Bolduc – Togue Gatehouse (acting capacity)
 Zac Montgomery – Togue Gatehouse
 Tom Power – Togue Gatehouse
 Richard Leavitt – Togue Gatehouse (acting capacity)
 Brian Johnston – Visitor Center
 Monica Raulf – Reservation Clerk
 Deidra Brace – Forester
 Richard Morrill – Resource Manager, SFMA
 Mike Winslow – Baxter Park Ranger I
 Kelley King – Office Assistant (DUPR-project position)
 Greg Hamer – Chimney Pond Winter Ranger (project position)
 Kendall Sperry – Carpenter
 Craig Kennedy – Carpenter

RESIGNATIONS:

Carol Redelsheimer – Resource Manager SFMA
 Kendall Sperry – Carpenter
 Russell Prime – Trail Crew Leader
 Skip Martin – Trail Crew Leader
 Kelley King – Office Assistant (end of project assignment)
 Jennifer Davis – Office Assistant (reservation-Hdqtrs)
 Elizabeth Roma – CRI, Abol
 Joe Auclair – CRI, Roaring Brook
 Alice Wilbur – CRI, Abol

TRANSFERS:

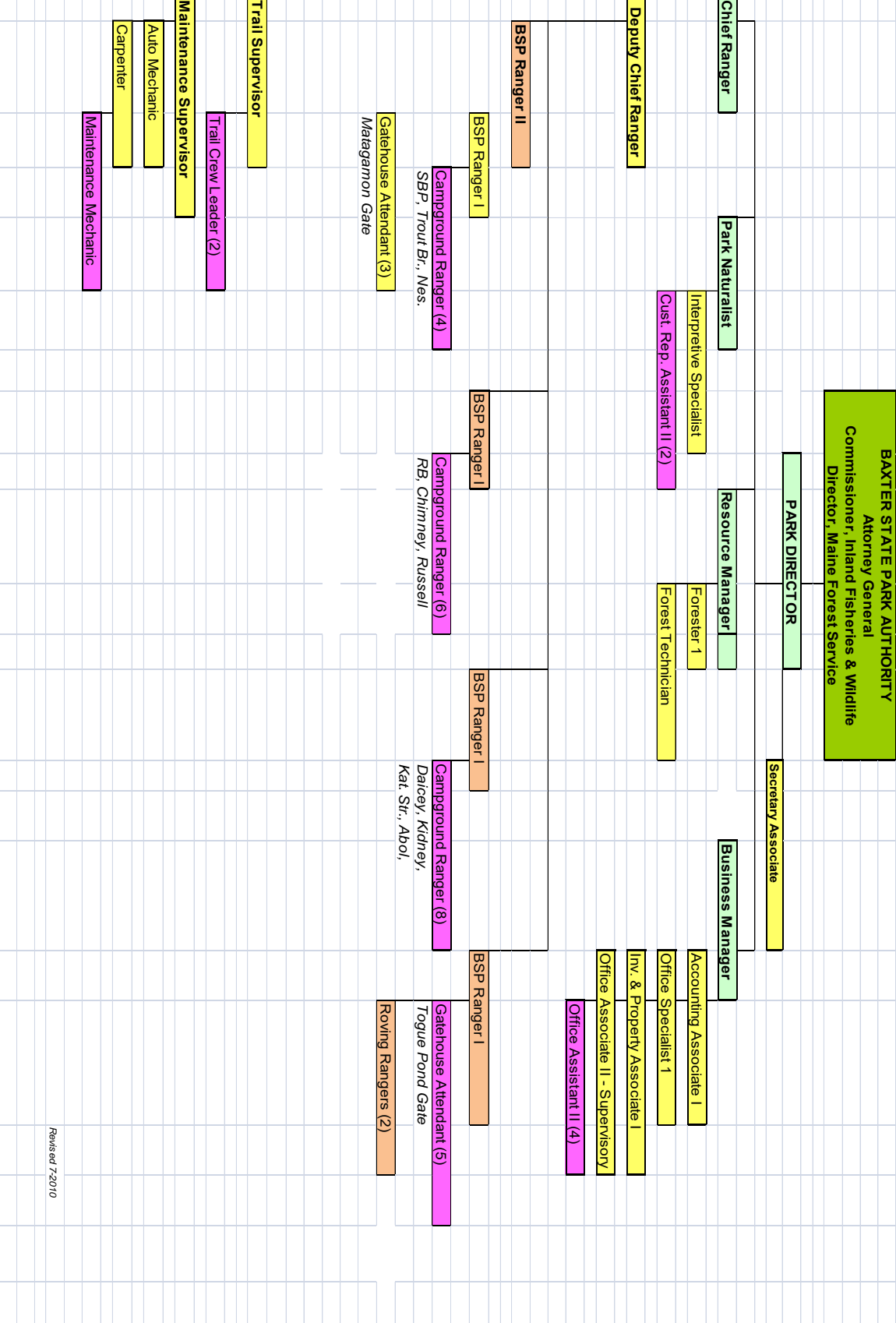
Charity Levasseur – From Abol to Daicey
 Paul Corrigan – Visitor Center to Abol
 Matthew Martin – Daicey Pond to Maintenance Mechanic
 Isaac Needell – Roving Ranger to Baxter Park Ranger I

RETIRED: Wayne Brooker

VIII. EMPLOYEES

Position	Name	Location
BSP Director	D. Jensen Bissell	Headquarters, Mlkt.
BSP Chief Ranger	Ben Woodard	Headquarters, Mlkt.
Resource Manager	Richard Morrill	SFMA
Forester I	Deidra Brace	SFMA
Park Naturalist	Jean Hoekwater	Headquarters, Mlkt.
Business Manager	Christine Theriault	Headquarters, Mlkt.
Deputy Chief Ranger	Stewart Guay	Headquarters, Mlkt.
BSP Ranger II	Barry MacArthur	Field
BSP Ranger I	Mike Winslow	Field
BSP Ranger I	Isaac Needell	Field
BSP Ranger I	Michael Martin	Field
BSP Ranger I	Rob Tice	Field
Secretary Associate	Ada Angotti	Headquarters, Mlkt.
Accounting Associate	Mary Ellen Bell	Headquarters, Mlkt.
Personnel/Payroll Technician	S. Jean Howes	Headquarters, Mlkt.
Inventory & Property Associate	Constance Theriault	Headquarters, Mlkt.
Office Associate II, Supervisor	Joni Lowell	Headquarters, Mlkt.
Maintenance Supervisor	Rodney Angotti	Headquarters, Mlkt.
Auto Mechanic II	Frank George	Headquarters, Mlkt.
Carpenter	Craig Kennedy	Headquarters, Mlkt.
Trail Crew Supervisor	Paul Sannicandro	Headquarters, Mlkt.
Interpretive Specialist	Marcia Williamson	Headquarters, Mlkt.

<u>Title/Position Number</u>	<u>Name/Location</u>	<u>Wks</u>	<u>Start</u>	<u>End</u>
CAMPGROUND RANGERS				
9425-0631	Mark Varney	-Nesowadnehunk	21	5-23 10-16
9425-0021	Greg Hamer	-Russell Pond	24	5-9 10-23
9425-0831	Brendan Curran	-Russell Pond	22	5-16 10-16
9425-0221	Gabe Williamson	-So. Branch Pond	24	5-9 10-23
9425-0922	Gunter Bernardini	-So. Branch Pond	20	5-16 10-2
9425-0351	Bill MacDonald	-Roaring Brook	24	5-9 10-23
9425-0741	Russell Porter	-Roaring Brook	22	5-16 10-16
9425-0601	Tom Bell	-Chimney Pond	24	5-9 10-23
9425-0841	Rich Elliott	-Chimney Pond	22	5-16 10-16
9425-0391	Bruce White	-Katahdin Stream	29**	5-9 11-27
9425-0421	Betsy Dawkins	-Katahdin Stream	22	5-16 10-16
9425-0978	Paul Corrigan	-Abol	22	5-16 10-16
9425-0461	Alice Wilbur/Bill Martel	-Abol	18	5-30 10-2
9425-0611	Gerald Locke A/C	-Trout Brook Farm	20	5-16 10-2
9425-0982	Dean Levasseur	-Kidney Pond	25	5-9 10-30
9425-0983	Diane Freelove	-Kidney Pond	25	5-9 10-30
9425-0980	Charity Levasseur	-Daicey Pond	25	5-9 10-30
9425-0981	Andy Vietze	-Daicey Pond	25	5-9 10-30
ROVING RANGERS				
9425-0991	Cathy Lusk	-Parkwide	26	5-30 11-27
9425-0993	Mark Sairio	-Parkwide	26	5-9 11-6
GATEHOUSE ATTENDANT				
9422-0171	Ryan Bolduc/Rick Leavitt	-Togue Pond	29**	5-9 11-27
9422-0511	Tom Power	-Togue Pond	23	5-9 10-16
9422-0361	Tracy Young	-Matagamon	29**	5-9 11-27
9422-0441	Marcia Anderson	-Matagamon	29**	5-9 11-27
9422-0201	Dana Miller	-Matagamon	23	5-9 10-16
9422-0501	Ruth Levesque	-Togue Pond	29**	5-9 11-27
9422-0531	Geri Fraser	-Togue Pond	23	5-9 10-16
9422-0541	Zac Montgomery	-Togue Pond	12	6-13 9-4
TRAIL CREW LEADER				
9436-0940	Neal Padrta	-Parkwide	26	5-9 11-6
9436-0984	Steve Loughry	-Parkwide	26	5-9 11-6
OFFICE ASSISTANT II				
6538-0941	Jean Tibbitts	-Millinocket Hdqtrs.	40	1-10 10-16
6538-0967	Nancy Guay	-Millinocket Hdqtrs.	40	1-10 10-16
6538-0731	Marybeth Varney	-Millinocket Hdqtrs.	40	3-14 12-18
6538-0997	Monica Raulf	-Millinocket Hdqtrs.	12	6-13 9-4
CUSTOMER REP ASSISTANT II				
6510-0977	Katherine Vargas	-Visitor Center	20	5-30 10-16
6510-0992	Brian Johnston	-Visitor Center	20	5-16 10-2
MAINTENANCE MECHANIC				
8281-0965	Matt Martin	- Mill. Maint. Facilities	26	5-9 11-6
FOREST TECHNICIAN				
9456-0988	Kevin Osborne	-SFMA	31	4-25 11-27



X. TRAINING – 2010

1/20 – 1/22/10 – **Maine Leadership Institute**: Jensen Bissell
3/18/10 – **NESAF**: Jensen Bissell
3/26/10 – **MEEA** : Marica Williamson
4/5/10 – **New Employee Orientation**: ME Bell
4/8- 4/11/10 – **Wilderness First Aid**: B. Curren, G. Williamson, B. White, R. Angotti, Mike Martin, R. Tice, S. Guay, B. MacArthur, A. Vietze, R. Elliott, P. Corrigan, P. Sannicandro, T. Bell, G. Hamer, Bill MacDonald
4/26 & 4/27/10 – **Managing in State Govt**: C Kennedy
5/5//10 – **Harassment Training**: Mike Martin, C. Redelsheimer, B. MacArthur, R. Tice, F. George, Connie Theriault, J. Howes, R. Angotti, B. Woodard, MB Varney, D. Brace, A. Angotti, J. Lowell, N. Guay, J. Tibbetts, MB Varney
5/10/10 – **Harassment Training**: B. White, R. Levesque, G. Williamson, M. Anderson, D. Freelove, Z. Montgomery, T. Young, C. Levasseur, D. Levasseur, G. Fraser, W. Brooker, A. Vietze
5/17/10 – **Harassment Training**: C. Veress, J. Barilone, P. Aldrich, R. Shaley, J. Armstrong, A. Friar, M. Rosenberg, A. Savino, S. Loughry, N. Padrta, S. Guay, M. Williamson, J. Hoekwater, A. Wilbur
5/18 – 5/19/10 – **Wilderness First Aid**: D. LeVasseur, C. Kennedy, E. Kaufman, J. Hoekwater, M. Williamson, B. Dawkins, S. Loughry, A. Wilbur, P. Aldrich, J. Barilone, K. Papoulias, A. Savino, A. Turcotte, J. Armstrong, A. Friar, M. Rosenberg, R. Stanley, J. Walden, G. Bernardini
5/20/10 – **Intro to Search & Rescue**: P. Aldrich, J. Barilone, A. Savino, A. Turcotte, J. Armstrong, A. Friar, M. Rosenberg, B. Dawkins, A. Wilbur, N. Padrta, S. Loughry, E. Kaufman, C. Kennedy, D. Levasseur, C. Levasseur, C. Veress, G. Bernardini
5/27/10 – **Intro to Wildfire Suppression**: P. Aldrich, J. Barilone, A. Savino, A. Turcotte, J. Armstrong, A. Friar, M. Rosenberg, N. Padrta, S. Loughry, E. Kaufman, D. Levasseur, A. Vietze, B. White, B. Dawkins, G. Williamson, F. George
6/22 – 6/23/10 – **Leave No Trace**: D. Brace, K. Osborne, H. Day, E. Kaufmann, B Dawkins
6/29/10 – **Maine SAF**: D. Brace
8/16 & 8/17/10 – **Wilderness First Aid**: M. Bowyer, S. Shook, S. Dufour, E. Telling, J. Schmidt, A. LaBrecque, C. Collett, B. Martell, D. Brace, L. Vonderhade, C.J. Manzo,
8/23 & 8/24/10 – **Chainsaw Training**: M. Bowyer, S. Shook, S. Dufour, E. Telling, J. Schmidt, A. LaBrecque, C. Collett
8/25/10 – **Intro to Wildfire Suppression**: B. Bowyer, S. Shook, S. Dufour, E. Telling, J. Schmidt, A. LaBrecque, C. Collett
8/26/10 – **Intro to Search & Rescue**: B. Martell, E. Telling, S. Shook, A. LaBrecque, M. Brown, L. Vonderheide, S. Dufour, J. Schmidt, D. Brace, C. Collett, M. Sairio, M. Bowyer
10/12 & 10/13/10 – **Wood Measurement Training**: D. Brace
10/26/10 – **Managing Emotions Under Pressure**: J. Hoekwater

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. When can I make a reservation at Baxter State Park?

1. Coming in person to BSP HQ on January 19, 2010. 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 19th) 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

Chimney Pond: June 1 – October 15

Katahdin Stream: May 15 – October 15

Abol: May 15 – October 15

Kidney Pond May 15 – October 15

Daicey Pond: May 15 – October 15

South Branch Pond: May 15 – October 15

Russell Pond: May 15 – October 15

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

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: 2 person \$55/night, 3 person \$75/night, 4 person \$100/night, 6 person \$130/ night. Gas lights and firewood are included in cabin fee.

Tentsites \$30/night.

Lean-tos: \$30/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 (\$42.00), otherwise \$7.00 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 \$14.00 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.

BAXTER STATE PARK ROLLING RESERVATION SYSTEM

The reservation office is closed (no reservations made) on weekends & holidays from Columbus Day to Memorial Day.

For the summer season, the office is open every day from Memorial Day to Columbus Day. Office hours: 8am to 4pm

Camping Start Date	Earliest Reservation Date	Camping Start Date	Earliest Reservation Date	Camping Start Date	Earliest Reservation Date	Camping Start Date	Earliest Reservation Date	Camping Start Date	Earliest Reservation Date	Camping Start Date	Earliest Reservation Date
15-May	15-Jan	1-Jun	1-Feb	1-Jul	1-Mar	1-Aug	1-Apr	1-Sep	1-May	1-Oct	1-Jun
16-May	16-Jan	2-Jun	2-Feb	2-Jul	2-Mar	2-Aug	2-Apr	2-Sep	2-May	2-Oct	2-Jun
17-May	17-Jan	3-Jun	3-Feb	3-Jul	3-Mar	3-Aug	3-Apr	3-Sep	3-May	3-Oct	3-Jun
18-May	18-Jan	4-Jun	4-Feb	4-Jul	4-Mar	4-Aug	4-Apr	4-Sep	4-May	4-Oct	4-Jun
19-May	19-Jan	5-Jun	5-Feb	5-Jul	5-Mar	5-Aug	5-Apr	5-Sep	5-May	5-Oct	5-Jun
20-May	20-Jan	6-Jun	6-Feb	6-Jul	6-Mar	6-Aug	6-Apr	6-Sep	6-May	6-Oct	6-Jun
21-May	21-Jan	7-Jun	7-Feb	7-Jul	7-Mar	7-Aug	7-Apr	7-Sep	7-May	7-Oct	7-Jun
22-May	22-Jan	8-Jun	8-Feb	8-Jul	8-Mar	8-Aug	8-Apr	8-Sep	8-May	8-Oct	8-Jun
23-May	23-Jan	9-Jun	9-Feb	9-Jul	9-Mar	9-Aug	9-Apr	9-Sep	9-May	9-Oct	9-Jun
24-May	24-Jan	10-Jun	10-Feb	10-Jul	10-Mar	10-Aug	10-Apr	10-Sep	10-May	10-Oct	10-Jun
25-May	25-Jan	11-Jun	11-Feb	11-Jul	11-Mar	11-Aug	11-Apr	11-Sep	11-May	11-Oct	11-Jun
26-May	26-Jan	12-Jun	12-Feb	12-Jul	12-Mar	12-Aug	12-Apr	12-Sep	12-May	12-Oct	12-Jun
27-May	27-Jan	13-Jun	13-Feb	13-Jul	13-Mar	13-Aug	13-Apr	13-Sep	13-May	13-Oct	13-Jun
28-May	28-Jan	14-Jun	14-Feb	14-Jul	14-Mar	14-Aug	14-Apr	14-Sep	14-May	14-Oct	14-Jun
29-May	29-Jan	15-Jun	15-Feb	15-Jul	15-Mar	15-Aug	15-Apr	15-Sep	15-May	15-Oct	15-Jun
30-May	30-Jan	16-Jun	16-Feb	16-Jul	16-Mar	16-Aug	16-Apr	16-Sep	16-May		
31-May	31-Jan	17-Jun	17-Feb	17-Jul	17-Mar	17-Aug	17-Apr	17-Sep	17-May		
		18-Jun	18-Feb	18-Jul	18-Mar	18-Aug	18-Apr	18-Sep	18-May		
		19-Jun	19-Feb	19-Jul	19-Mar	19-Aug	19-Apr	19-Sep	19-May		
		20-Jun	20-Feb	20-Jul	20-Mar	20-Aug	20-Apr	20-Sep	20-May		
		21-Jun	21-Feb	21-Jul	21-Mar	21-Aug	21-Apr	21-Sep	21-May		
		22-Jun	22-Feb	22-Jul	22-Mar	22-Aug	22-Apr	22-Sep	22-May		
		23-Jun	23-Feb	23-Jul	23-Mar	23-Aug	23-Apr	23-Sep	23-May		
		24-Jun	24-Feb	24-Jul	24-Mar	24-Aug	24-Apr	24-Sep	24-May		
		25-Jun	25-Feb	25-Jul	25-Mar	25-Aug	25-Apr	25-Sep	25-May		
		26-Jun	26-Feb	26-Jul	26-Mar	26-Aug	26-Apr	26-Sep	26-May		
		27-Jun	27-Feb	27-Jul	27-Mar	27-Aug	27-Apr	27-Sep	27-May		
		28-Jun	28-Feb	28-Jul	28-Mar	28-Aug	28-Apr	28-Sep	28-May		
		29-Jun	29-Feb / 1-Mar	29-Jul	29-Mar	29-Aug	29-Apr	29-Sep	29-May		
		30-Jun	1-Mar	30-Jul	30-Mar	30-Aug	30-Apr	30-Sep	30-May		
				31-Jul	31-Mar	31-Aug	1-May				

F. FINANCIAL REPORTS

BAXTER STATE PARK
STATEMENT OF REVENUE AND EXPENDITURES
FISCAL YEAR ENDING JUNE 30, 2010

BALANCE FORWARD		<u>\$211,327</u>	
REVENUE – 014 Account			
Park Operations			
Recreations Fees	\$817,459		
Transfer Fees	<u>\$6,849</u>		
Entrance Fees	<u>\$122,092</u>		
Miscellaneous Services	<u>\$37,839</u>		
Sales of Maps, Books, etc.	<u>\$29,166</u>		
Sale of Forest Products	<u>\$ 71,404</u>		
Foreign Exchange Differential	<u>\$150</u>		
Duplicate/Overpayment Fees	<u>(\$2,786)</u>		
NET REVENUE FROM OPERATIONS		<u>\$1,082,173</u>	
TRUST FUNDS			
Boston Trust	<u>\$ 1,890,000</u>		
State Held Trust	<u>\$143,304</u>		
Cash Pool Distribution (interest)	<u>\$1532</u>		
Independent Trust	<u>\$85,000</u>		
NET REVENUE FROM TRUSTS		<u>\$2,119,836</u>	
MISCELLANEOUS REVENUE			
Special Licenses and Leases	<u>\$ 327</u>		
Sale of Equipment	<u>\$6,751</u>		
Rent of Lands	<u>\$2,500</u>		
Miscellaneous Income	<u>\$2,377</u>		
TOTAL MISCELLANEOUS REVENUE		<u>\$11,955</u>	
TOTAL REVENUE AVAILABLE			<u>\$3,425,291</u>
EXPENDITURES			
PERSONNEL SERVICES			
Salaries, permanent	<u>\$885,037</u>		
Salaries, seasonal	<u>\$498,518</u>		
Overtime/Differential/Retro	<u>\$84,606</u>		
Retirement Contributions	<u>\$518,091</u>		
Other Benefits	<u>\$378,296</u>		
TOTAL PERSONNEL SERVICES		<u>\$2,364,548</u>	
ALL OTHER			
Contractual Services	<u>\$299,151</u>		
Park Operations – All Groups	<u>\$505,142</u>		
Sta-Cap Charges	<u>\$32,596</u>		
TOTAL ALL OTHER		<u>\$836,889</u>	
CAPITAL			
Buildings	<u>\$12,220</u>		
Equipment	<u>\$108,955</u>		
TOTAL CAPITAL		<u>\$121,175</u>	
TOTAL EXPENDITURES			<u>\$3,322,612</u>

Executive Summary: FY10 Annual Work Program

The dysfunction of credit and other financial markets in the last six months is unprecedented in the history of the Park endowments. The prudent management of the Bank of New York Mellon has protected the Park endowments from dissolution but not from the devaluation typical of many other endowment portfolios.

The closing of revenues to expenditures for the FY10 budget was a difficult task requiring considerable time on the part of Park Staff. Budget construction may be yet more difficult in FY11.

Revenue Notes:

- The estimated FY10 revenue total is significantly increased by the utilization of a balance forward accumulated over the past 3 years and originally destined for the Capital Reserve Account. This balance forward will not exist for the FY11 budget.
- The Investment Committee has advised that FY10 spending from endowments remain at or below current (FY09) levels.
- Park use rates are expected to remain equal to or slightly above 2008 levels. Proposed changes to the fee structure for camping and day use reservations currently under consideration may generate an increase in revenue.
- Given the current uncertain economy, FY10 revenues from the Scientific Forest Management Area is difficult to predict.
- For the second year, the Park's budget continues to be assisted by a significant donation from the Baxter Wilderness Trust at the same level as in FY09.

Expenditure Notes:

- While staffing levels remain unchanged from FY09, Personal Services increased. Significant contributions to the increases include increases in wages, required commitments to retirement funding, unfunded retirement liability and health care.
- Discretionary spending in each line of All Other has been carefully reviewed. Most pool accounts have been set at or below FY09 levels and staff have been urged to carefully consider each spending request. Administrative staff continues to consider reductions in non-essential equipment, supplies and contracting.
- Spending levels have been maintained in the trail maintenance effort for the Park trail crew and contracted MCC trail projects. The FY10 trail crew model is moving away from the SCA format and to an intern structure for operational and cost reasons.
- Spending levels in training have been increased as the Park continues to recognize the importance and necessity of training as an investment in the staff, resource protection and public safety.
- Capital expenditures have been limited to the maintenance of basic transportation and infrastructure needs, with no large capital improvement projects scheduled.

BAXTER STATE PARK - REVENUE & EXPENSE PROJECTION/BUDGET SUMMARY

REVENUE	CODE	ACTUAL FY2008	ACTUAL FY2009	ACTUAL FY2010	BIENNIAL FY2010	% OF TOTAL	ANNUAL FY2011	% OF TOTAL
BALANCE BROUGHT FORWARD		350,333	311,322	211,327	0	0%	150,000	0%
SPECIAL LICENSE & LEASES	1448	(65)	(109)	327	120	0%	100	0%
INTEREST ON BANK BALANCES	2101	5,457	1,766	5,000	5,000	0%	2,000	0%
EARNINGS ON INVESTMENT	2105	10,003	9,127	1,532	5,000	0%	9,000	0%
RENT OF LANDS	2601	255	2,501	2,500	2,500	0%	2,500	0%
RECREATIONAL USE OF PARK	2610	676,912	698,243	817,459	690,000	19%	700,000	19%
TRANSFERS	2616	7,551	6,330	6,849	5,700	0%	7,000	0%
ENTRANCE FEES	2618	114,415	112,559	122,092	120,000	3%	120,000	3%
REFUNDS & DUPLICATE FEES	2620	(3,836)	(1,262)	(2,786)	0	0%	(3,000)	0%
MISC SERVICES & FEES	2637	30,718	31,957	37,839	25,000	1%	30,000	1%
SALE OF MAPS & BOOKS	2657	23,870	22,591	29,166	25,000	1%	23,000	1%
MISC - INCOME (Donations)	2686	525	3,266	2,377	0	0%	2,000	0%
CASH OVER/SHORT FOREIGN EXCHANGE	2689	185	95	150	0	0%	150	0%
CONTINGENCY FROM ENTERPRISE FUND(S/FMA)	2722	290,000	210,085	71,404	250,000	7%	125,000	9%
CONTINGENCY FROM BAXTER TRUSTS	2724	1,750,000	2,015,000	1,890,000	2,252,426	63%	2,230,000	66%
CONTINGENCY FROM STATE HELD TRUSTS	2724A	124,915	58,551	143,304	130,000	4%	95,000	0%
CONTINGENCY FROM INDEPENDENT TRUSTS	2724B		75,000	85,000	75,000	2%	75,000	0%
SALE OF EQUIPMENT	2806	10,677	2,749	6,751	10,000	0%	3,000	0%
SALE OF AUTOS	2821	6,000	0	0	4,000	0%	2,000	0%
TOTAL REVENUE		3,397,915	3,559,771	3,430,291	3,599,746	100%	3,572,750	100%
EXPENDITURES BY GROUP								
PERSONAL SERVICES		2,200,764	2,321,839	2,364,548	2,244,311	67.4%	2,514,744	66.9%
ALL OTHER		850,250	868,772	836,889	906,283	27.2%	912,130	28.0%
CAPITAL		73,787	155,485	121,175	176,880	5.3%	145,876	5.1%
TOTAL EXPENDITURES		3,124,801	3,346,096	3,322,612	3,327,474	100.0%	3,572,750	100.0%
PERCENTAGE OF TRUST MARKET VALUE		2.80%	3.23%	3.17%	3.57%		3.80%	
TRUSTS MARKET VALUE AVERAGE OVER 20 QTRS		62,394,356	62,394,326	64,180,695	63,138,039		58,609,590	
Capital Reserve		108,000	108,000	102,515	108,000		108,000	

	ACTUAL BUDGET FY08	ACTUAL BUDGET FY09	ACTUAL BUDGET FY10	ANNUAL BUDGET FY11	
3000 PERSONAL SERVICES					
3110 Perm Regular	704,338	713,290	759,919	966,556	
3120 Perm PT B					
3180 Perm Vac	59,523	72,780	54,206		
3181 Perm Hol	43,193	43,895	45,639		
3182 Perm Sick	31,703	30,317	25,273		
3195 Attrition				-24,831	
3210 Limited Period Regular	0				
3280 Limited Period Vacation	0				
3281 Limited Period Holiday	0				
3282 Limited Period Sick	0				
3310 SSNL REG	376,649	398,664	422,074	511,896	
3380 SSNL VAC	15,586	23,958	26,452		
3381 SSNL HOL	25,274	26,653	28,099		
3382 SSNL SICK	13,029	9,689	12,925		
3410 PROJ REG		13,141			
3450 REG ACTG	4,830	21,729	8,722		
3480 PROJ VAC		777			
3481 PROJ HOL	424	989	246		
3482 PROJ SICK		215			
3611 STAND O/T	4,614	9,202	9,308		
3612 PREM O/T	5,493	9,251	12,406		
3616 RETRO LUMP	2,433	6,629	837		
3618 RETRO 84	25,549	2,080	10,000		
3621 STP RC/RT	2,719	4,901	6,281	3,464	
3623 I.T. TRAINING STIPEND		750	1,500		
3631 LNGVTY PY	9,400	8,210	519	10,596	
3634 CALL OUT		52			
3636 Court Pay					
3638 SHFT DIFF	1,049	806	649	3,694	
3641 NSTND DIF	45,242	44,368	43,106	50,476	
3810 UNEMP CMP	28,627	24,639	37,590	30,000	
3899 ACCURED PAYROLLS		-2,504			
3901 HLTH INSR	326,152	337,186	339,234	390,642	
3905 DENTAL IN	11,666	11,533	12,039	12,264	
3908 ST RET HL	170,992	192,906	205,385	229,190	
3909 ST RET AD	0	0			
3910 EMPRT RTMT	109,079	116,842	116,681	124,847	
3911 EMPRT LIF	7,043	6,664	6,281	7,893	

3912 EMPR MED	16,405	17,909	19,258	18,842	
3959 RUL-BPR	53,364	56,575	47,525	58,046	
3960 RUL-REG	103,757	115,843	110,910	118,369	
3971 UNIFORM	2,651	1,900	1,484	2,800	
3973 CHILD CARE	0				
	2,200,784	2,321,839	2,364,548	2,514,744	
	ACTUAL BUDGET FY 08	ACTUAL BUDGET FY 09	ACTUAL BUDGET FY 10	ANNUAL BUDGET FY 11	
ALL OTHER					
4003 Act/audit services	0	1	61	1,000	
4015 Labor	78,839	67,294	101,789	100,975	
4016 Art /Graphics	0	174	0	200	
4041 Laundry Services	0	0	0	100	
4042 Legal Services	60	0	0	500	
4046 Medical Services	106	0	1,150	500	
4099 Professional Services	183,760	210,761	196,212	244,300	
PROFESSIONAL SERV STATE					
4106 Lab Services	535	1,188	372	500	
TRAVEL IN STATE					
4270 In-State Mileage	2,070	3,116	2,228	2,000	
4271 Other Transportation	0	0	0	100	
4273 Lodging	1,976	2,019	836	2,000	
4274 Meals/Gratuities	11,443	12,955	6,204	5,800	
TRAVEL OUT OF STATE					
4380 Out of State Mileage	0	0	0	0	
4381 Other Transportation (out of state)	0	0	0	0	
4383Lodging (out of state)	784	480	0	500	
4384 Meals/Gratuities	0	170	7	200	
VEHICLE OPERATIONS					
4402 Gas/Oil	46,473	46,121	41,267	48,000	
4403 Diesel Oil	15,204	4,732	9,144	7,000	
4421 Repairs Case & Backhoe	73	0	0	0	
4423 Repairs Parts/Supply	24,690	37,165	29,204	26,000	
4424 Repairs Snowmobile	4,109	3,569	4,252	4,000	
UTILITIES SERVICES					
4521 Electric	10,683	9,853	11,192	11,000	
4532 Bottled Water	853	918	689	300	
4536 Other Utility	2,657	2,008	1,886	2,500	
4551 Freight	3,503	4,363	4,017	5,000	
RENTS					

4601 Rent Land	0	0	500	200	
4602 Rent Plane	1,242	3,350	0	1,000	
4616 Rent Misc. Office Equipment	125	0	0	150	
4661 Rent Equipment	4,269	809	0	1,000	
	ACTUAL BUDGET FY 08	ACTUAL BUDGET FY 09	ACTUAL BUDGET FY 10	ANNUAL BUDGET FY 11	
REPAIRS					
4701 Repair Road/Grounds	1,412	0	2,142	0	
4711 Repair Building	19,057	24,121	14,064	25,000	
4721 Repair Equipment	4,629	9,205	4,351	9,000	
4726 Repair Radios	6,046	6,368	1,492	2,000	
4735 Maintenance Agreements	21,241	24,160	19,962	20,000	
4751 Misc. Repairs	1,404	3,825	2,030	2,000	
INSURANCES					
4801 Insurance Building	4,257	2,139	2,138	2,300	
4811 Insurance Equipment	580	290	290	500	
4825 Insurance General Liability	7,137	2,622	2,475	3,000	
4841 Employees Bond	244	126	118	200	
4845 Workers Comp Ins.	39,354	45,386	61,261	61,000	
4851 Mis Insurance		126	550	0	
4852 Auto Insurance	4,462	4,394	4,312	5,000	
4880 Eye Exam	0	200	165	300	
4881 Lens Stat	0	0	0	250	
GENERAL OPERATIONS					
4901 Stamps/Parcel Post	137	273	8	200	
4909 Courier Service	679	499	256	500	
4911 Metered Postage	4,412	4,574	5,556	5,000	
4913 Inter Government postage	109	84	41	100	
4929 Printing/Binding	20,405	16,752	18,032	18,000	
4941 Print Report (State of Maine)	79	0	118	80	
4946 Advertisement Notices	705	6,346	2,727	1,500	
4955 Credit Card Charges	8,295	9,332	8,780	9,500	
4975 Sales Tax	51,254	52,691	62,348	54,000	
4982 Subscriptions	508	298	561	300	
4991 Gen Oper Expense		-2			
4995 General Expenses	14,957	23,703	-16,471	20,000	
CAREER DEVELOPMENT					
5013 Employee Training	8,583	9,753	19,492	15,000	
FUEL					
5201 Fuel oil	5,644	9,046	10,634	7,000	
5202 LP Gas	9,773	7,733	7,520	9,000	
5211 Firewood	5,780	0	2,450	2,400	

INFORMATION TECH					
5302 Telephone/Data	11,657	20,958	31,632	21,000	
5304 Cellular Phones	3,745	3,965	6,878	4,500	
5346 PC & Networking Software	2,862	9,548	2,685	4,200	
	0				
5350 Repair Computers		198	0	300	
	ACTUAL BUDGET FY 08	ACTUAL BUDGET FY 09	ACTUAL BUDGET FY 10	ANNUAL BUDGET FY 11	
CLOTHING					
5401 Clothing	17,241	11,707	15,334	13,600	
OPERATING SUPPLY					
5602 Office Supply	20,545	5,756	6,371	7,000	
5611 Interpretation/Education	230	2,286	394	2,500	
5629 Books & Maps for Resale	9,572	9,753	9,673	10,000	
5636 Miscellaneous Supply	56,085	56,458	37,228	57,000	
5650 Misc. Minor Equipment	49,272	29,208	40,905	28,200	
HIGHWAY MATERIALS					
5812 Culverts	851	0	0	3,000	
5830 Lumber	3,086	0	3,478	0	
5861 Signs	2,662	597	447	1,000	
Sta-cap	20,968	21,301	32,596	22,882	
Total All Other	812,405	825,524	803,437	890,255	
Total All Other & Sta-cap	833,373	846,825	836,033	913,137	
Capital					
7001 Land					
7101 Bldg./Improvements	22,835	14,762	12,220	100,876	
	0				
	0				
	0				
7200 Equipment	0	0	0	25,000	
7203 Data Processing Equipment					
7211 Motor Vehicle Transportation	50,952				
new		98,428	52,038	19,000	
used		15,035	28,699	0	
snowmobile		18,808	28,218	0	
Total Capital	73,787	147,033	121,175	144,876	
All Totals	3,107,944	3,315,697	3,321,756	3,572,757	

G. APPENDICES

- I. OPERATIONAL
- II. SFMA
- III. INFORMATION/EDUCATION
- IV. ADMINISTRATIVE
- V. STATS
- VI. AUTHORITY/ADVISORY
- VII. DIRECTOR'S RESEARCH
- VIII. BSP MEETING SCHEDULE

I. OPERATIONAL APPENDICES

BAXTER STATE PARK

2010 SEARCH - RESCUES - INJURIES

DATE	NAME	LOCATION	PROBLEM
1-11	Keppol	N. of Abol CG/Tote Rd.	Lost consciousness
2-26	Shedd	Chimney Pond Trail	Possible broken left lower arm
3-8	Hill	Chimney Pond CG	Hyper-extended knee
5-29 thru 31	Hays	Katahdin	Lost hiker*
5/30	Morey	Avalanche Brook Drainage	Bi-Lateral Patellar Dislocation*
6-5	Eddius	Daicey Pond	Lost hiker
6-12	Dujardin	Hunt Trail	Possible Shoulder Dislocation/Upper Arm Fracture
6-25	Ervin	Cathedral Cut-Off	Hairline Fracture Left Ankle*
6-25	Platt	Chimney Pond Campground	Laceration of Left Wrist
7-3	Shallo	Abol Trail	Knee/Tibial Plateau Pain, Left Leg
7-6	Ross	Katahdin Stream Campground	Deep Cut Hand
7-7	Bushnell	Ledge Falls	Hit head at Ledge Falls
7-10/11	Cummings	Chimney Pond Trail	Knee Injury
7/12	Owsley	Baxter Peak	Complaints of Heart Attack Symptoms*
7/13	Frye	Knife Edge	Fall 10' hurt back, wrist, nose, head*
7/15	Susana-Guerrin	Katahdin Stream Falls	Fall - abrasions, cuts edema/hip
7/18	Sullivan	Trout Brook Farm	Cut left hand whittling wood
7/24	Coughlin	Helon Taylor	Left shin contusion/abrasion
8/3	Ruland	Dudley Trail/Chimney Pond	INOP Gear
8/13	Webber	Pogy Notch Trail/So. Branch	Laceration of Nose, Possible Concussion
8/13	Gilio	Saddle Slide/Chimney Pd	Possible fractured left arm
8/13	Gosselin	Saddle Slide/Chimney Pd	Sprained right knee
8/15	Thomas Fox	Base of Saddle Tr.	Left elbow abrasion
8/15	Bill Fox	Base of Saddle Tr.	Right forearm abrasion
8/15	Segello	Daicey Pond	Broken Arm
8/17	Anthony	Chimney Pond	Energy Depletion/Cramping
8/25	Harrigan	Chimney Pond Trail	Ankle injury
8/25	DePriest	Katahdin Stream	Eye injury
8/30	Surratt	Hunt Trail	Sprained left ankle

BAXTER STATE PARK
2010 SEARCH - RESCUES - INJURIES (Continued)

DATE	NAME	LOCATION	PROBLEM
9/5	Giammarizo	Katahdin Stream Falls	Deep knee laceration, contusions, hypothermia
9/9	Seigfried	Niagara Falls Trail	Probable broken left wrist, laceration right thumb
9/9	Fredreich	Chimney Pond	Possible torn ligaments in left knee
9/25	Nelson	Sentinal Mt.	Possible fractured wrist
10/9	Cavanaugh	Chimney Pond Trail	Ankle injury
10/11	Loring	Saddle Trail	Dislocated left knee*

* Required Helicopter Evacuation

2010 BSP USAC COURT CASES

DATE	CASE#	NAME	VIOLATION	DESCRIPTION	FINE	DISPOSITION	TYPE
4/27/2010	2010-57-01	Robert Voisine	Title 12 § 13056	Watercraft	\$100	Guilty	Civil
5/12/2010	2010-56-06	Christopher Harriman	BSP Rule 17	Unauthorized Climbing	\$200	Guilty	Civil
5/12/2010	2010-56-06	Christopher Durand	BSP Rule 17	Unauthorized Climbing	\$200	Guilty	Civil
5/12/2010	2010-56-06	Wendell Harriman, 2nd	BSP Rule 17	Unauthorized Climbing	\$200	Guilty	Civil
7/3/2010	2010-58-04	Christopher Pinto	BSP Rule 7	Unauthorized Camping	\$200	Guilty	Civil
7/30/2010	2010-57-04	Anthony Viola	BSP Rule 1.2	Unauthorized Camping	\$200	Dismissed	Civil
8/3/2010	2010-59-06	Kirk Staples	BSP Rule 4.3	Unauthorized Fire	\$200	Guilty	Civil
9/4/2010	2010-57-25	Roger O'Richesqui	BSP Rule 5.4	Speeding	\$200	Guilty	Civil
9/25/2010	2010-57-27	David Lobberecht	BSP Rule 4.1	Pet in Park	\$200	Guilty	Civil
10/6/2010	2010-59-08	Rudolph Rozema	BSP Rule 1.2	Unauthorized Camping	\$200	Guilty	Civil
10/11/2010	2010-57-31	Tim Shad	Title 12 § 12604	Fishing Closed Season	N/A	FTA / Warrant	Criminal E
10/11/2010	2010-57-31	Andrew Small	Title 12 § 12604	Fishing Closed Season	N/A	FTA / Warrant	Criminal E
10/11/2010	2010-57-31	Colin Hesketh	Title 12 § 12604	Fishing Closed Season	\$100	Guilty	Criminal E
10/11/2010	2010-59-10	Eric Dubois	BSP Rule 1.2	Unauthorized Camping	\$200	Guilty	Civil
10/11/2010	2010-59-10	Eric Dubois	BSP Rule 1.3	Failure to Register	\$200	Guilty	Civil
10/11/2010	2010-59-10	Eric Allin	BSP Rule 1.2	Unauthorized Camping	\$100	Guilty	Civil
10/11/2010	2010-59-10	Eric Allin	BSP Rule 1.3	Failure to Register	\$100	Guilty	Civil

2010 BSP VSAC TRAFFIC INFRACTIONS

DATE	CASE#	NAME	VIOLATION	DESCRIPTION	FINE	DISPOSITION	TYPE
6/27/2010	2010-58-03	Kyle Radon	Title 29-A 2073 (3)	Speeding (Radar)	\$137	Guilty	Civil
7/7/2010	2010-56-10	Jesse Worcester	Title 29-A 2073 (3)	Speeding (Radar)	\$215	Guilty	Civil
7/7/2010	2010-56-11	Aaron Ewing	Title 29-A 2073 (3)	Speeding (Radar)	\$137	Guilty	Civil
7/7/2010	2010-56-12	Anthony Dimare	Title 29-A 2073 (3)	Speeding (Radar)	\$215	Guilty	Civil
7/8/2010	2010-56-13	Robert Wood	Title 29-A 2073 (3)	Speeding (Radar)	\$119	Guilty	Civil
7/23/2010	2010-59-04	Jesse Tang-Kong	Title 29-A 2073 (1)	Speeding (Clock)	\$119	Guilty	Civil
8/12/2010	2010-56-14	Christopher Gallentine	Title 29-A 2073 (3)	Speeding (Radar)	\$119	Guilty	Civil
9/12/2010	2010-56-22	Keith Saucier	Title 29-A 2073 (3)	Speeding (Radar)	\$137	Guilty	Civil
10/3/2010	2010-58-13	Jeffrey Norby	Title 29-A 2073 (3)	Speeding (Radar)	\$137	Guilty	Civil

2010 BSP Law Enforcement Courtesy Warnings

DATE	CASE #	LOCATION	VEH. REG #	NAME	ADDRESS	VIOLATION
1/28/2010	2010-56-01	Chimney Pd. Trail	S68760400 MA	Brent Tewksbury	Upton, MA	Unauthorized Snowmobile
1/28/2010	2010-56-02	Chimney Pd. Trail	S25634016 MA	Christopher Jorstad	Ashland, MA	Unauthorized Snowmobile
1/28/2010	2010-56-03	Chimney Pd. Trail	S83671005 MA	L. Vannederynen	Natick, MA	Unauthorized Snowmobile
3/16/2010	2010-56-04	Abol Pond	850-AKJ	Brent Everett	Windham, ME	Unauthorized Snowmobile
3/11/2010	2010-56-05	Togue Pond Beach	YSN-2223 PA	Fletcher Matlack	Pittsburgh, PA	Vehicle on Snowmobile Tr.
6/10/2010	2010-56-07	Nes. Lt. #11	E62321 DE	Kevin McLaughlin	New Britain, CT	Unauthorized Camping
6/13/2010	2010-58-01	Togue Beach	ME7380RE	Juston Kubera	Prospect, ME	Loud Music
6/15/2010	58-2010-02	Caribou Pit	584-315 VA	Unknown	Parlow, VA	RV left at No Parking Zone
6/21/2010	2010-57-02	Tote Rd. TBF Area		Matthew Fitzgerald	Windham, ME	Speeding
6/21/2010	2010-57-03	Tote Rd./Horseback	4339 JR ME	Trevor C. Williams	Lisbon, ME	Speeding
6/23/2010	2010-56-10	Abol Campground	237240496	Erick C. Lawson	Southbury CT	Imprudent Speed
6/23/2010	2010-56-08	Rum Picnic Area	13443CB	Hunter Henderson	Laurel, MD	Speeding
7/2/2010	2010-57-04	Round/Rocky Pond	GUA-685 NB	Peter Robert Powell	NB, Canada	Speeding
7/3/2010	2010-59-01	Baxter Pk., Katahdin	1239983 NB	Peter John McMath	NB, Canada	Solicitation
7/3/2010	2010-59-02	Baxter Pk., Katahdin	1242741 NB	Gregory Robert Scott	NB, Canada	Solicitation
7/4/2010	2010-58-05	Tote Rd., Togue	MA-530860798	John Neiger	Worcester, MA	Speeding
7/6/2010	2010-58-06	Togue Beach		Jonathan Dumas	Millinocket, ME	Cruelty to birds
7/10/2010	2010-59-03	Tote Rd./Tracy Pond	6487209	Troy C. Caverhill	Caribou, ME	Speeding
7/18/2010	2010-57-05	RB Rd./Aval Field	WKX - 34R NJ	Byron C. Armstrong	Fair Haven, NJ	Speeding
7/18/2010	2010-57-06	RB Rd./Aval Field	RIXS-314	Megan Mcosker	Hulls Cove, ME	Speeding
7/18/2010	2010-57-07	RB Rd./Aval Field	5205 LR ME	James J. Mazur	Falmouth, ME	Speeding
7/18/2010	2010-57-08	RB Rd./Aval Field	RBW-33H NJ	John M. Cosgrove	Marlton, NJ	Speeding
7/29/2010	2010-53-03	T2R9 BSP Tote Rd		Binyomin Rosonbaum	Lakewood, NJ	Imprudent Speed
7/30/2010	2010-56-14	Togue Pond Gate		Mike Laferriere	Quebec, Canada	Unauthorized Entry
7/31/2010	2010-59-05	Tote Rd., Abol CG	5237284 ME	Sandeep Singh	Bangor, ME	Invalid Permit
8/1/2010	2010-57-11	So.Branch Pd. Rd.	5754QD ME	Mitch D. Raven	Waterville, ME	Speeding
8/3/2010	2010-59-06	Katahdin Lake	S12101481 MA	Kirk D. Staples	Wilmington, MA	Camping Violation
8/6/2010	2010-57-12	Abol CG/Tote Rd.	145 8331 NH	Kurt W. Schuler	Windham, NH	Speeding
8/7/2010	2010-59-07	Abol CG, TS#18	S42788992 MA	Nathan Roy Lewit	Brighton, MA	Disturbance in Campground
8/12/2010	2010-57-13	Tote Rd.-Nes. Lake	979VAT FL	Frederic S. Letts	Dunedin, FL	Speeding
8/12/2010	2010-57-14	Telos/Thisell Gate	CT	Daniel P. Willen	Glastonbury, CT	Speeding
8/12/2010	2010-57-15	Lynx Rd.-Tote Rd.	TX	Richard Chad Webb	Austin, TX	Speeding

2009 BSP Law Enforcement Courtesy Warnings, Cont'd

DATE	CASE #	LOCATION	VEH. REG #	NAME	ADDRESS	VIOLATION
8/12/2010	2010-57-16	TBF /Tote Rd.	ME	Craig Snapp	Brunswick, ME	Speeding
8/13/2010	2010-57-17	Abol Pd/Tote Rd.	NH	John D. Spooner	Laconia, NH	Speeding
8/13/2010	2010-57-18	Togue Pd. Beach	NJ	James J. Scillieri	Wayne, NJ	Speeding
8/13/2010	2010-57-19	Togue Pd. Beach	AMYC ME	Amy M. Collinsworth	Millinocket, ME	Speeding
8/18/2010	2010-58-07	KS Walk-ins	BAJ-19765 MI	Geoff Rankin	Lansing, MI	Improper Parking
8/18/2010	2010-58-08	KS Walk-ins	6649 NP ME	James Wood	Littleton, ME	Improper Parking
8/18/2010	2010-58-09	KS Walk-ins	FGG7207 Qu	Chuck Heinemann	Quebec, Canada	Improper Parking
8/19/2010	2010-57-20	Tote Rd-Marston Tr.	FL	James R. Donahue	Pembroke, FL	Speeding
8/19/2010	2010-56-16	T2R9 Abol Hill	9465LW	Timothy Martin	Casco, ME	Speeding
8/19/2010	2010-56-17	Togue Pond Beach	ME 1994 KR	Kevin Morin	Old Town ME	Speeding
8/20/2010	2010-57-21	Abol Hill Tote Rd.	4981 RF ME	William A. Colby	Brunswick, ME	Speeding
8/22/2010	2010-57-22	Dry Brook/Tote Rd.	277-ACU ME	Michael Ring	Houlton, ME	Speeding
8/29/2010	2010-58-10	Roaring Bk. Road	Israel	Amir Berman	Israel	Speeding
8/30/2010	2010-58-11	Caribou Pit	ME 7798 PH	Unknown	Unknown	Improper Parking
8/30/2010	2010-58-12	Caribou Pit	GSE-788 NB	Unknown	Unknown	Improper Parking
9/3/2010	2010-57-23	Tote Rd.	178RX ME	Jack C. Dick	Phillips, ME	Speeding
9/5/2010	2010-56-18	T2R9 RB Road	7132SF MA	Patrick Murphy	Canton, MA	Speeding
9/5/2010	2010-56-19	T2R9 RB Road		Rebecca Newman	Bondville, VT	Speeding
9/5/2010	2010-56-20	T2R9 RB Road	577NS	Leo P. Bolduc	Byron, ME	Speeding
9/6/2010	2010-57-24	Fowler Bk. Trailhead		J. Kaios Ryan	Amherst, MA	Speeding
9/8/2010	2010-56-21	Togue Pond Beach	1390 GA	Nathan Jon Addy	Columbia, SC	Speeding
9/10/2010	2010-57-26	Tote Rd. - Abol Pd.	520 NK ME	Alex H. Porter	Bangor, ME	Speeding
9/12/2010	2010-56-23	T2R9 Togue Beach		Edward Puglielli	E. Boston, MA	Speeding
9/20/2010	2010-57-26	BSP Tote Road	1888 KI ME	Jeffrey R. Strang	Orrington, ME	Speeding
9/27/2010	2010-57-28	Telos/McCarty	59X J85 MA	Stephanie Chasagran	Revere, MA	Speeding
10/3/2010	2010-59-09	Tote Rd. / Kettle Pd		Robert J. Shewmaker	Farmersville, TX	Speeding
10/15/2010	2010-59-11	Togue Pd. Gate	0505161 ME	Stacy L. Carpenter	Portland, ME	Failure to Stop
10/23/2010	2010-24-56	SFMA	6029HO ME	Ed Girs	Millinocket, ME	Hunting w/o license
11/13/2010	2010-56-25	SFMA / Raven Rd.	751-904 ME	Pat Guimond	Unknown	Failure to Display Pass
11/13/2010	2010-56-24	SFMA / Martin Rd.	16503 ME	Sally/Keith Saucier	Millinocket, ME	Failure to Display Pass

2010 BAXTER STATE PARK VOLUNTEERS

The volunteers listed below represent individuals, families, friends, the Appalachian Mountain Club, BSP Trail Stewards, Colby College, Friends of Baxter State Park, Individuals - Trail Friends, MATC, MCC, MATC, Tanglewood 4-H, and Volunteers for Peace. All Baxter State Park staff thanks you for your continued efforts in maintenance within the Park.

THANK YOU!

THANK YOU!

THANK YOU!

THANK YOU!

Steve Allen
Marcia Anderson
Alice Arsenault
Reed Asherman
James Bailey
Scott Barger
Sandy Benne
Gunter Bernardini
John Bertagni
Donna Bettts
Clara Bicher
Caitlin Boroden
Ben Bouchard
Richard Bray
Will Buchanan
Marian Buzar
Devan Cartek
Wendy Chaston
Nancy Jane Clark
Denise Clavette
Amanda Cooke
Raymond Corey
Robert Cressey
Sally Daggett
Daniel Day
Erica Dell'Amico
Patsy Distel
Colleen Donovan
Dennis Drew
Cindy Dunham
Dave Edwards
Donald Eno
D. Scott Fisher
Robby Ford
Diane Freelove
David Getchell, Sr.
Tom Goetz
Elise Giasson

Travis Allenberg
Ray Anderson
Zack Anderson
Davis Asherman
Chris Bailey
Ken Beach
Bill Bentley
Emily Berry
Albert Berube
Andrew Bevan
Chris Binder
Anthony Bossler
Rich Bouchard
Chris Brown
John Bullard
Darren Candello
Callis Chambliss
Maeghan Ciampa
Chase Clark
Christopher Collibee
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Linda Coupe
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Nelson Daigle
Antoine Delage
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Ryan Newell
Jack Nivison
Dillon Nolet
Evan Opal
Philip Pepin
Kevin Perry
Ilexa Pezzano
Ralph Pope
Michelle Pruden
Douglas Rich
Carla Ritchie
Rock Rohrbache
Margaret Schott
Jessie Seymour

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Remy Gunn
Brandon Harwley
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Andrew Joselan
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Lester Kenway
Ned Kitchell
Josh Kloehn
Catherine Koptiuch
Peter Lavieri
Dean Levasseur
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Suzanne Lussier
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Mark Nale
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Matt Honas
Wally Hsueh
John Huntington
Hadley Igo
Katie Jacobs
Gordon Johnson
Barclay Jones
Michelle Junger
Charlie Kenney
Mike Kinhead
Zoe Kitchell
Kent Koptiuch
Alex LaBrecque
Dillan Lawson-Jo
Julie Levine
Gerry Locke
Francois Luvan
Jeremy MacArthur
Dean Mallor
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Taylor McDonnell
Austin Mehlhorn
Brant Miller
David Moore
Abigail Myers
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Tracy Osborne
Elodie Perrault
Beb Perr
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Russell Prine
Nick Record
Craig Rightmire
Krista Rogers
Liza Schmid
Kelly Servick
Patrick Sheehy

Brittany Sheridan
 Jake Sneder
 Bruce Spencer
 John William St. Germai
 Aisha Stambouli
 Rachel Ste. Croix
 Mike Stillman
 Rachel Story
 Robert Sullivan
 Dorothy Tepper
 Glen Thomas
 Will Toubman
 Martine Trommels
 Helena Turner
 Anne Warner
 Stuart West
 Rupert White
 Alex Williams
 Jack Wood
 Michael Zlogar

Jake Shurl
 Madeline Sneider
 Kendall Sperry
 James St. Pierre
 Kendall Starkweath
 Elizabeth Ann Stevens
 Jason Stoner
 Nate Stuart
 Earle Taylor
 Nalbert Tero
 Dylan Thomas
 Sarah Trautma
 Astrid Tsang
 MaryBeth Varney
 Neal Watercutter
 Howard Whitcomb
 Ruth White
 Marcia Williamson
 Chaitanya York
 Susan Zlogar

Andrea Simoneau
 Ken Spalding
 Roger St. Amand
 Conrad St. Thomas
 Richard Ste. Croix
 Jerry Stewart
 Sharon Stoner
 John Sullivan
 Sara Taylor
 Ray Thomas
 Keegan Thomas
 Maggie Triska
 Bella Tubbs
 Donna Wain
 Aaron Weiskihel
 Alton White
 David Wilcox
 Gabriel Williamson
 Sujie Zhu



Obrigado!



Köszönettel

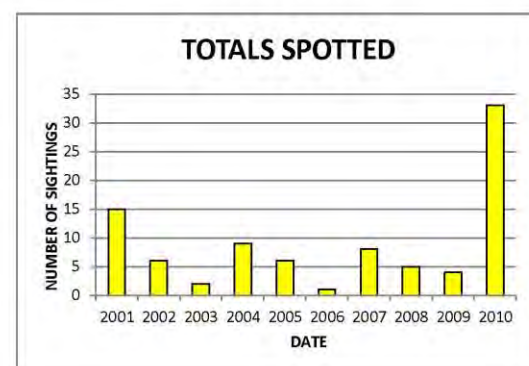
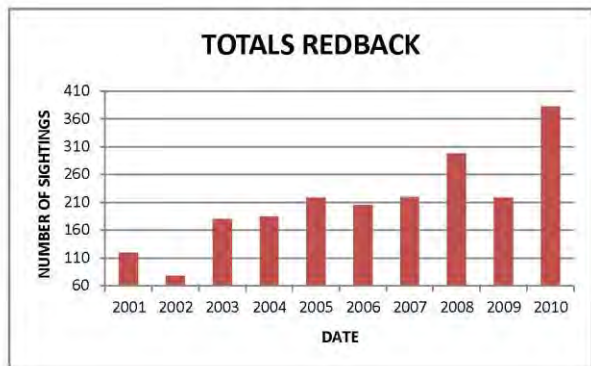
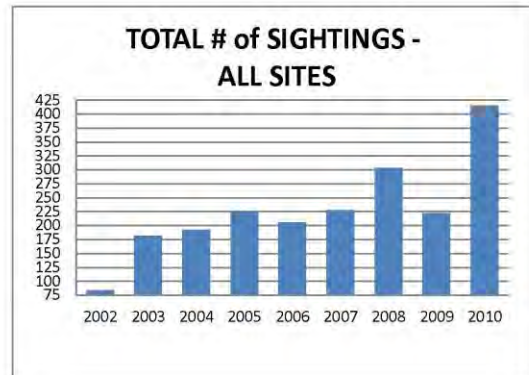
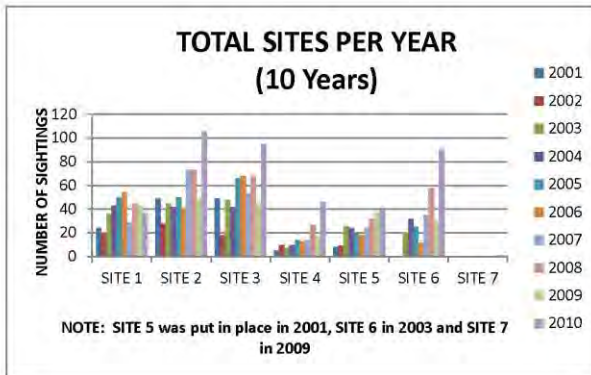


Merci



II. SFMA – APPENDICES

Baxter State Park Scientific Forest Management Area 2010 Harvest Statistics										
Year	Product Name	Species Name	Net Wt (LBS)	Net Vol Board Feet	Cords	Service Payment	Bridge Tolls	Road Tolls	Gross Revenue	Net Revenue
2010	Sawlog	Hardwood*	667,730	NA	121	\$ 12,131.56	\$ 31.49	\$ 470.42	\$ 20,000.00	\$ 7,366.53
2010	Sawlog	Hemlock	68,100	NA	14	\$ 1,220.35	\$ 6.81	\$ 86.15	\$ -	\$ (1,313.31)
2010	Sawlog	Misc Softwood	44,220	NA	10	\$ 813.21	\$ 4.42	\$ 55.94	\$ -	\$ (873.57)
2010	Sawlog	Mixed Species Load	20,110	NA	4	\$ 360.37	\$ 2.01	\$ 25.44	\$ -	\$ (387.82)
2010	Sawlog	Spruce/Fir	14,795,188	1,790,280	3,481	\$ 257,288.32	\$ 1,479.52	\$ 18,715.91	\$ 572,889.60	\$ 295,405.85
2010	Sawlog	White Pine	2,739,870	279,000	637	\$ 50,386.21	\$ 273.99	\$ 3,465.94	\$ 69,750.00	\$ 15,623.87
Total Sawlog Values			18,335,218	2,069,280	4,269	\$322,200.02	\$1,798.24	\$22,819.80	\$662,639.60	\$ 315,821.55
2010	Pulp	Hardwood	4,427,990	NA	805	\$ 79,772.23	\$ 339.99	\$ 4,258.53	\$ 88,762.38	\$ 4,391.63
2010	Pulp	Spruce/Fir	6,220,550	NA	1,464	\$ 111,472.26	\$ 622.06	\$ 7,194.83	\$ 126,667.88	\$ 7,378.73
Total Pulp Values			10,648,540	-	2,269	\$191,244.49	\$ 962.05	\$11,453.37	\$215,430.26	\$ 11,770.36
2010	Firewood	Mixed Species Load	133,450	NA	29	\$ 2,391.42	\$ 13.35	\$ 168.81	\$ -	\$ (2,573.58)
2010	Firewood	White Cedar	283,720	NA	81	\$ 5,084.26	\$ 28.37	\$ 358.91	\$ -	\$ (5,471.54)
2010	Sawlog	White Cedar	134,450	NA	38	\$ 2,409.34	\$ 13.45	\$ 170.08	\$ -	\$ (2,592.87)
2010	Biomass	Misc Softwood	156,290	NA	36	\$ 2,800.72	\$ 15.63	\$ 180.51	\$ -	\$ (2,996.86)
Total Misc Product Values			707,910	-	185	\$ 12,685.75	\$ 70.79	\$ 878.31	\$ -	\$ (13,634.85)
Total All Product Values			29,691,668	2,069,280	6,722	\$526,130.25	\$2,831.08	\$35,151.48	\$878,069.86	\$ 313,957.05
* Note that hardwood sawlog gross revenue is estimated, exact figures not calculated.										



III. INFORMATION/EDUCATION APPENDICES

Long Distance Hikers Registered at
BSP

Year	North	South	Flip-Flop	Section	IAT/Other	Total
2010	567	256	122	528	3	1476
2009	543	252	84	375	2	1256
2008	486	244	88	443	4	1265
2007	451	184	74	501	5	1215
2006	500	189	65	480	2	1236
2005	482	151	58	357	1	1049
2004	500	178	46	292	5	1021
2003	541	193	60	320	3	1117
2002*	532	188	89	328	5	1142
2001	599	234	79	554	N/A	1466
2000	540	234	86	589	N/A	1449
1999	504	206	70	478	N/A	1258
1998	401	125	38	406	N/A	970

*Please note, 2002 stats may be unreliable

*Please note, 2002 stats may be unreliable due to staff shortages and lack of training for the 2002 season.

ME DEP / Beth Connors
Ecoreserve Sampling 2010

		Chl a	A Color	T Color	Eq pH	ANC	ANC pH	Sp Cond
Sample ID	Date	µg/L	PCU	PCU		µeq/L		µs/cm
W-226 (Midas 2036) Widden Pond #2	7/26/2010	1.4	27	22	6.90	94.0	6.88	15.5
W-227 (Midas 2034) Widden Pond #1	7/27/2010	2.1	43	29	5.93	15.6	5.76	8.58
W-228 (Midas 2040) Sandy Stream Pond	7/27/2010	<1	25	14	7.16	122	7.10	18.2

		Dissolved Cations						
		Ca	Mg	Na	K	Al	Fe	Si
Sample ID	Date	mg/L	mg/L	mg/L	mg/L	µg/L	µg/L	mg/L
W-226 (Midas 2036) Widden Pond #2	7/26/2010	1.40	0.10	1.27	0.26	51		
W-227 (Midas 2034) Widden Pond #1	7/27/2010	0.45	0.08	0.82	0.13	76		
W-228 (Midas 2040) Sandy Stream Pond	7/27/2010	1.67	0.11	1.48	0.29	38		

		Dissolved Anions							
		Cl	NO3	SO4	NO2+NO3	Total N	SRP	Total P	DOC
Sample ID	Date	µeq/L	µeq/L	µeq/L	µg/L	mg/L	µg/L	µg/L	mg/L
W-226 (Midas 2036) Widden Pond #2	7/26/2010	6.3	<1	33	9.5	<0.1	1.1	6.1	1.89
W-227 (Midas 2034) Widden Pond #1	7/27/2010	4.4	<1	30	<5	0.254	1.1	9.3	5.10
W-228 (Midas 2040) Sandy Stream Pond	7/27/2010	7.1	1.1	36	16	0.124	<1	7.2	1.62

Matagamon Plant Survey 2010

John McPhedran, from the Maine DEP, accompanied J. Hoekwater, BSP, and A. Huntington, BSP volunteer, for one day in late August, assessing Hay Brook plant communities. Hoekwater and Huntington spent an additional day in the same area, using kayaks to access plant beds in shallower areas. Several species of Potatomageton and native milfoils, smartweed, burr reed and a ranunculus were some of the highlights of the survey.

Conclusions include, but not limited to:

- The plant communities on Matagamon are impacted by the fluctuating water levels and the draw down.
- Matagamon is very susceptible to invasives partly because of the potential habitat and partly because of the pattern of out of state use.
- Inspections should be conducted regularly and would be best accomplished in late July or early August.
-

Two levels of inspections for the Park should probably be considered. One to identify and map the native plant communities with a goal of long term monitoring and one which could be accomplished by trained volunteers to inspect for invasives in areas where use and habitat indicate a threat.

Kyle Marvinney

Cooperative Research Agreement

Summary of Field Research on North Turner Mountain

The purpose of this research is to examine the granite to granophyre transition in the highlands of Baxter State Park in greater detail. Closer examination of the transition can be used to determine the intrusive relationship of the two units; a gradational transition implies the two were part of the same magma pulse, while a sharp contact suggests the granophyre is later intrusion that may have lifted the roof of the magma chamber. The field portion of this research is to collect samples along a transect beginning in the granite and ending in the granophyre in the highlands. This sort of work has been done on many of the mountains in the park, but not to a significant extent on North Turner Mountain. The park granted an allocation of 25 hand sized samples to be collected for further chemical and petrographic analysis by Dr. Gary N. Boone. Samples and data points were collected by Kyle Marvinney with supervision by State Geologist Dr. Bob G. Marvinney.

After basing ourselves out of the Wassataquoik lean-to, we back tracked on the trail towards Roaring Brook using a topographic map to determine the approximate location to leave the trail and begin bush-whacking up towards the northern face of North Turner using a compass to head roughly due east and pacing to keep track of distance. We determined the distance to be about one mile east and upwards to a location below the scree fields on the north face of the mountain, at which point we would turn directly uphill and begin collecting samples at the first suitable location.

The rocks present below the scree fields were heavily covered in moss and fungus and it was difficult to determine if these were quality sample locations, i.e. rocks that had not been transported a significant distance. At the base of the first scree field encountered, we began sampling on the largest, most angular boulder in that immediate area, working under the assumption that the more angular boulders had undergone the least transport and were closest positioned to their source. By field observations, the scree field contained mostly granophyre boulders. However, we did observe some boulders that were clearly Katahdin granite as well as others that appeared to be Traveler Rhyolite, suggesting material had been transported across the valley and up the mountain side from a considerable distance away.

Upon intersecting the ridgeline, we began to encounter rocks that appeared to be very nearly in-situ. These rocks are angular and sitting in piles with generally parallel sides, suggesting these had been joint planes. Once on the ridge, we continued directly uphill along the ridge to the east, towards the summit. Outcrops along the ridgeline continued to be nearly in situ with much less evidence for

transported material. Much of the rock observed had a frost wedged appearance (broken and very angular) rather than a rounded, glacially transported appearance.

For the descent, we followed the same ridge line we had come up and encountered another very large scree field midway down, facing roughly west over the Wassataquoik Valley. Here we also collected samples; from the top of the field and from the bottom. Several samples were also collected in the woods below as it was apparent that it was simply an overgrown scree field.

A total of 18 hand sized samples were collected with GPS locations marked on a map. All samples were labeled with a Sharpie marker as NT (for North Turner) 01 and so on to NT 18 as they were collected. All samples were placed in likewise labeled sample bags for organization purposes. After collecting the last sample, we bushwhacked down slope to the west until we intersected the trail, at which point we returned to the Wassataquoik lean to, packed up our gear, and hiked back to Roaring Brook. After leaving the park, all samples were subsequently delivered to Dr. Gary N. Boone for thin section preparation and analysis, which is the bulk of this study and concludes my work on the project.

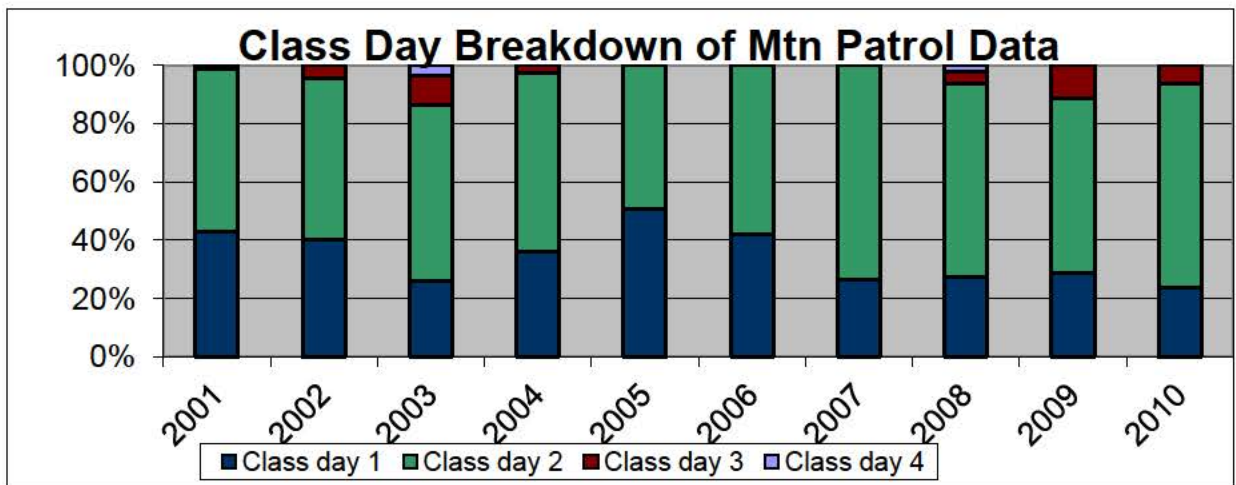
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2010 Mountain Patrol Data

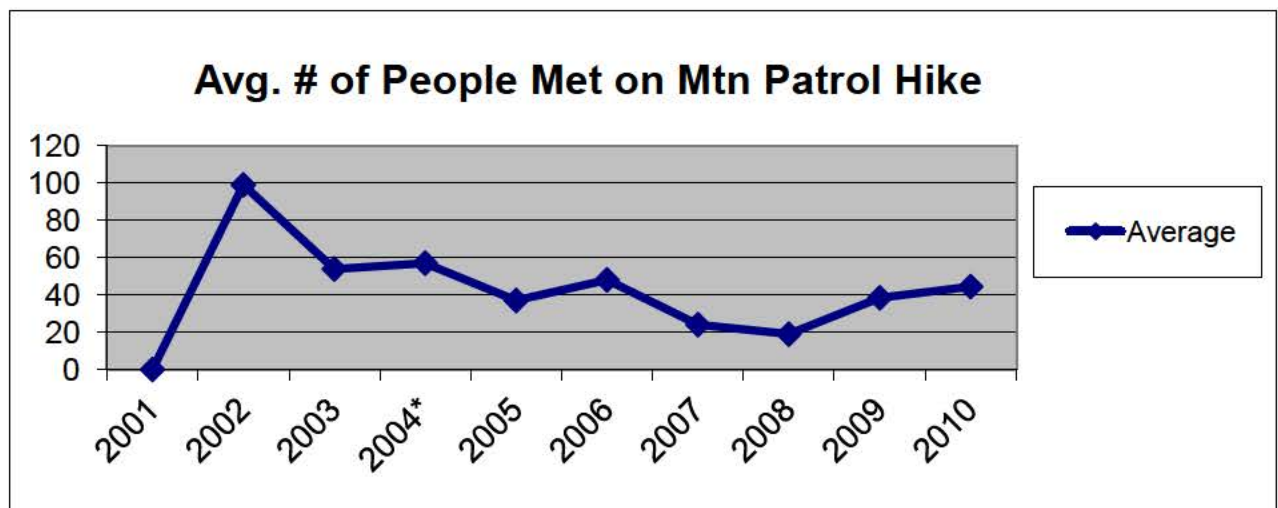
Comparative Mtn Patrol Data

Class Day	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Class day 1	28	18	15	28	29	26	17	13	15	15
Class day 2	36	25	35	48	28	36	47	32	31	45
Class day 3	1	2	6	2	0	0	0	2	6	4
Class day 4	0	0	2	0	0	0	0	1	0	0
Total	41	45	58	78	57	62	64	48	52	64



of People met on trails

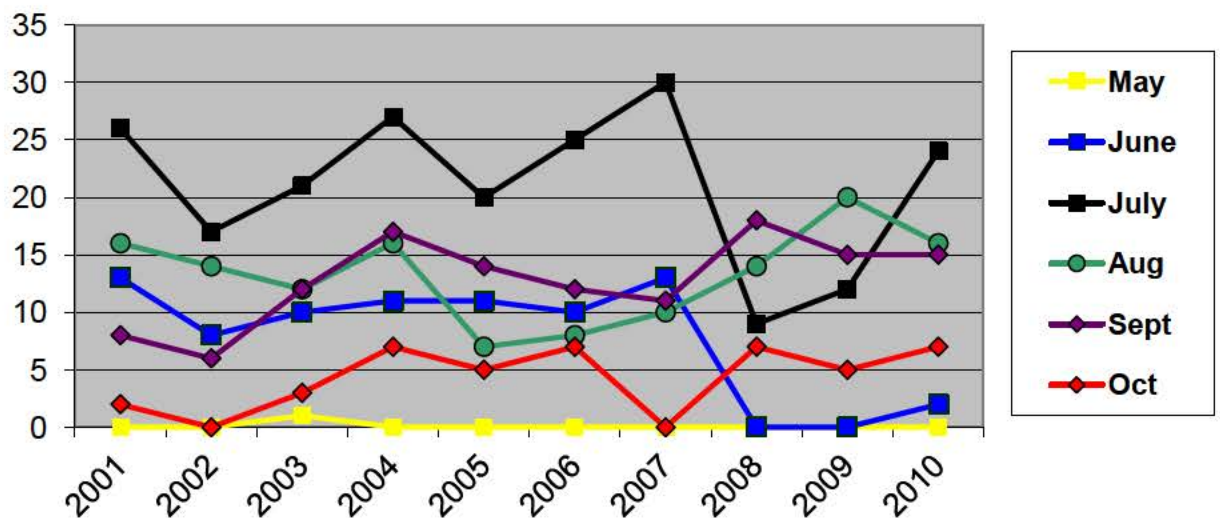
	2001	2002	2003	2004*	2005	2006	2007	2008	2009	2010	Total
Minimum	n/a	0	6	0	6	3	0	2	7	3	
Maximum	n/a	225	250	227	137	150	120	110	175	160	
Average	n/a	99	53.9	57	37	48	24	19	38.4	44.5	



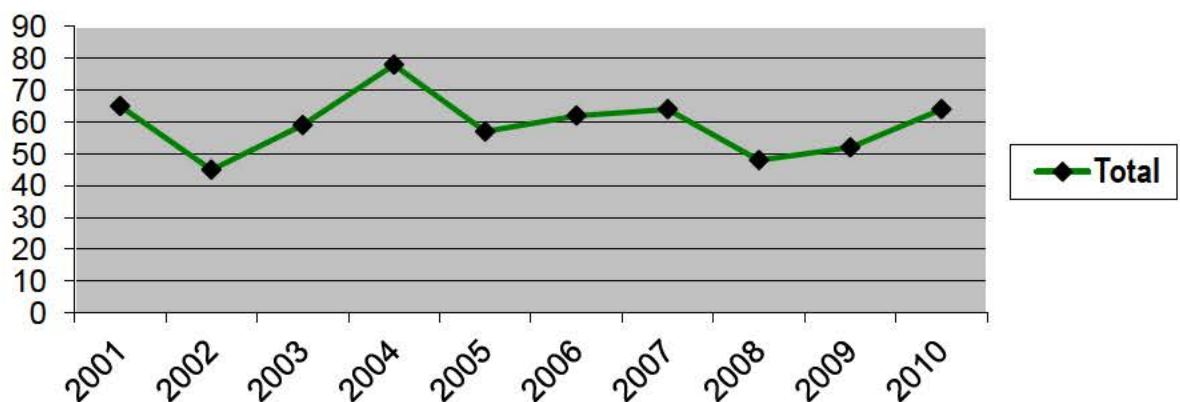
Patrol Days by Month

Month	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
May	0	0	1	0	0	0	0	0	0	0
June	13	8	10	11	11	10	13	0	0	2
July	26	17	21	27	20	25	30	9	12	24
Aug	16	14	12	16	7	8	10	14	20	16
Sept	8	6	12	17	14	12	11	18	15	15
Oct	2	0	3	7	5	7	0	7	5	7
Total	65	45	59	78	57	62	64	48	52	64

Mountain Patrols By Month

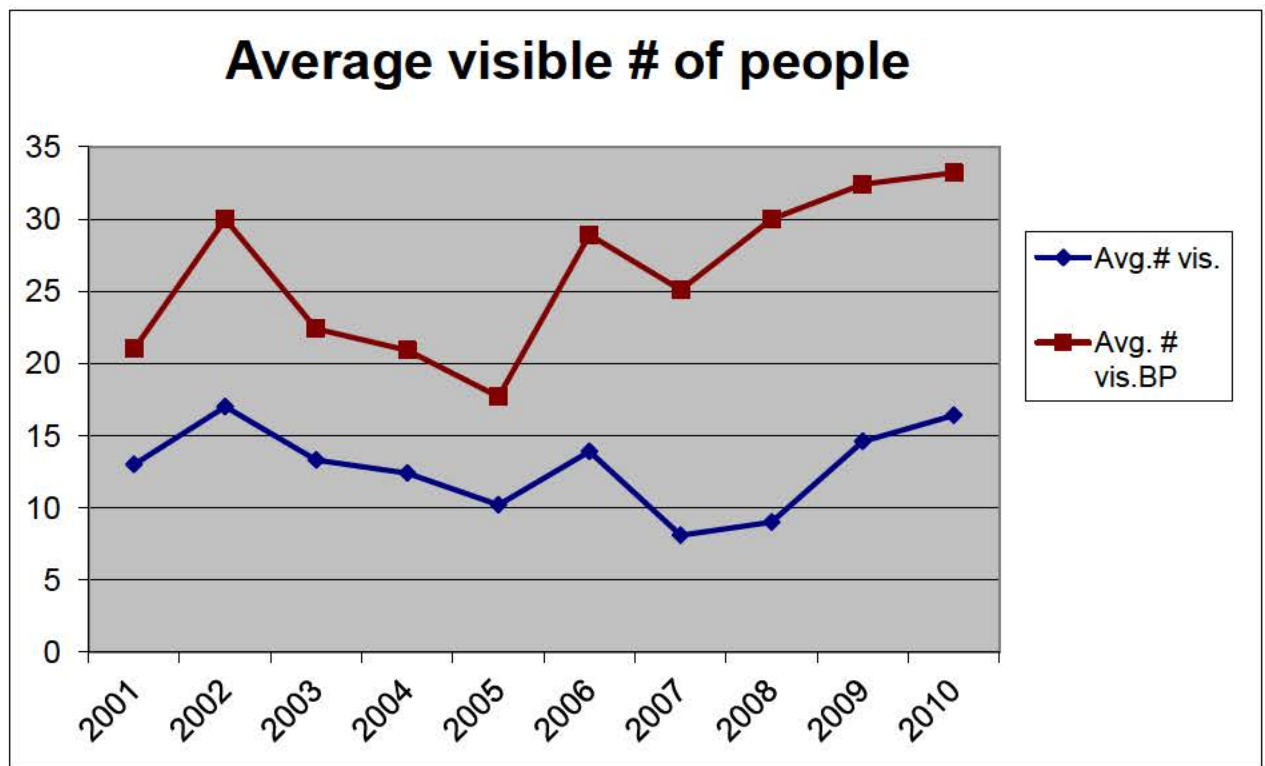


Total Mountain Patrols Per Year



of people visible at stop points

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	To
Points counted	268	193	225	352	245	408	276	208	159	225	
Avg.# vis.	13	17	13.3	12.4	10.2	13.9	8.1	9	14.6	16.4	
Min at any pt.	0	0	0	0	0	0	0	0	0	0	
Max at any pt.	76	75	94	116	90	121	83	110	70	105	
BP counts	108	66	89	129	92	114	46	24	28	38	
Avg. # vis.BP	21	30	22.4	20.9	17.7	28.9	25.1	30	32.4	33.2	
Min # BP	0	0	0	0	0	0	6	0	3	4	
Max # BP.	76	75	94	116	90	121	83	110	70	110	



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

2010 Long Distance Hikers

Month	AT S.	AT N.	Flip/Flop	Section N	Section S	IAT N	IAT S	Total People	Total Campers	LD
May	13	1	0	2	4	0	0	20	16	
June	131	17	4	18	50	1	0	221	202	
July	69	49	28	122	42	0	0	310	275	
August	36	167	35	158	35	0	1	432	360	
Sept	7	199	35	61	10	1	0	313	251	
Oct	0	131	20	25	1	0	0	177	125	
Nov	0	3	0	0	0	0	0	3	0	
Total	256	567	122	386	142	2	1	1476	1229	

% of total hikers that camped in the Park: 83%

Sedge Meadow at Thoreau Spring: Options to Reduce Impacts



All photos Ken Kimball

Doug Weihrauch
Alpine Ecologist
Appalachian Mountain Club
Research Department
November 2010

Introduction

The intersection of the Abol and Hunt Trails at Thoreau Spring creates some difficult trail management issues. Both trails travel along and through an alpine sedge meadow, and intersect near its center (Figure 1). The current trail layout is an artifact of history, and the desire to access Thoreau Spring as a water source. Thoreau Spring is an area of wet seeps, and hikers attempting to keep their boots dry have created a braided and widened treadway. Sedge Meadow is a regionally rare plant community, and also supports populations of nesting American pipits (*Anthus rubescens*) and the Katahdin arctic (*Oeneis polixenes katahdin*), which are found nowhere else in the state, or world, respectively.

These trails receive relatively heavy hiker traffic; the Hunt Trail is the end of the Appalachian Trail, and the Abol Trail is the quickest ascent to Maine's highest peak. The Baxter State Park Authority (BSP) is interested in examining ways to minimize impacts on the rare or unique resources associated with this sedge meadow. This report delineates the extent, and describes the significance of the Sedge Meadow community and examines potential trail relocation scenarios.

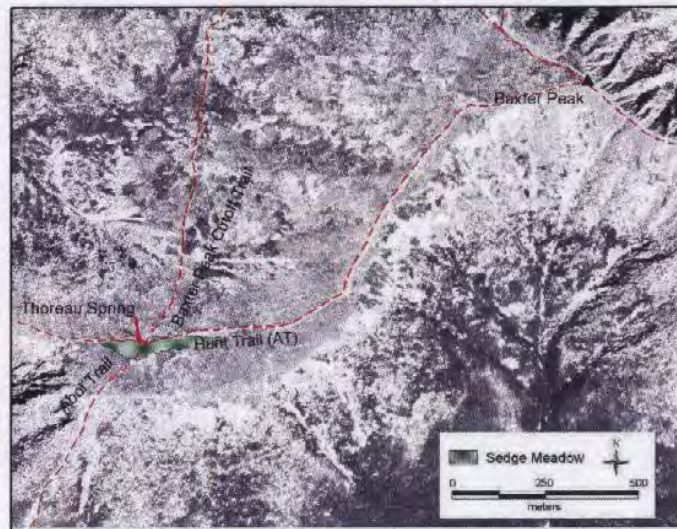


Figure 1. Overview of Sedge Meadow and trail locations.

Area Description and Method

On July 7, 2010, Jensen Bissell, Ken Kimball, Doug Weihrach, a ridge-runner/steward, and 2 members of the BSP Citizen Advisory Board hiked up Abol Trail to conduct a site visit of the Thoreau Spring area. The primary purpose was to describe and delineate the Sedge Meadow and other nearby plant communities, and assess possible trail relocation scenarios.

During the site visit, numerous pipits were displaying, with at least 3 territories in the immediate vicinity. The American pipit is commonly found nesting in arctic areas to the north, but above treeline areas on Katahdin are the only location where the species nests in Maine (ME IFW 2003a). Despite warm temperatures, moderate cloud cover, and relatively low wind speeds, no Katahdin arctics were observed. The Katahdin arctic is a subspecies of the arctic butterfly (*Oeneis polixenes*). The species is most commonly found in arctic and alpine tundra from Alaska throughout northern Canada, and south to Labrador (ME IFW 2003b). The Katahdin subspecies is locally common above treeline on Katahdin, but is found nowhere else in the world. Bigelow's sedge (*Carex bigelowii*) is the only known larval host plant for the arctic, although other species are potential hosts. Bigelow's sedge is the dominant species in the Sedge Meadow community, and there is an apparent habitat association with Sedge Meadow, although the Katahdin arctic inhabits many other alpine community types as well.

The Thoreau Spring Sedge Meadow is located on a plateau with a slight NW aspect and drainage. It is strongly associated with the presence of near surface water and increased soil moisture from Thoreau Spring; the small upslope watershed area “feeds” Sedge Meadow, perhaps where impenetrable bedrock forces draining groundwater toward the surface. The AMC plant community mapping (Kimball and Weihrauch 2000) identified 3 Sedge Meadow areas on Katahdin; one is also associated with a spring (Caribou) – but it is much smaller. The other Sedge Meadow community is nearly as large as Thoreau Spring; it is not associated with a known surface water source, but is located at a higher elevation (just below Katahdin Peak), where cloud cover is likely to play a greater role in moisture.

As delineated (Appendix A), the Thoreau Spring Sedge Meadow community total area is 10,115 m², although this precise a number ignores the fact that plant community boundaries are rarely clear-cut. The drawn polygon borders are best thought of as transition zones that can vary in width from 1-10 m. Transition zones between the Windswept Alpine Ridge and Sedge Meadow communities are generally more abrupt and defined, while transitions from Heath Alpine Ridge to either Sedge Meadow, Alpine Snowbank, or Windswept Alpine Ridge communities are more gradual, and vary in width depending largely on the rate of changes in hydrology, snow persistence, and topography, respectively.

The examined area including and surrounding the Sedge Meadow is a heath matrix, with vegetation generally falling into 4 different plant communities. The Heath Alpine Ridge plant community is dominant overall, but grades into 3 other alpine communities (Appendix A), each described below. Plant community delineations are based on and largely match prior AMC plant community mapping (Kimball and Weihrauch 2000), with some modifications made from the site visit. The primary change is the identification of 2 areas within the heath matrix that have a “heath-snowbank” affinity.

With the exception of Sedge Meadow, the plant community classification is from the Maine Natural Areas Program (Gawler 2004). MNAP does not designate a Sedge Meadow community; probably because its existence in Maine is limited to a handful of very small patches. Bigelow’s Sedge Meadow is a recognized alpine plant community in New Hampshire, where “*Carex bigelowii* dominates with minor amounts of *Minuartia groenlandica* [mountain sandwort] and dwarf heaths: from 4,300-6,000 feet” (Sperduto and Cogbill 1999). It is typically found on relatively flat areas with slow drainage, and becomes most common at higher elevations, where condensation from increased cloud cover is believed to play an important role (Bliss 1963). Although it can be found in large patches in New Hampshire, such as Bigelow’s and Monticello Lawns in the Presidential Range, it is restricted to higher elevations of the largest alpine areas. Even above treeline, it is a relatively rare plant community, and represents only 6% of Franconia Ridge and 3% of the Presidential Range (Kimball & Weihrauch 1999). The plant community common names, technical names (in parenthesis), and descriptions below refine the general MNAP definitions with the specific species composition found on site.

Heath Alpine Ridge (dwarf heath – graminoid alpine ridge) – Figure 2. Alpine bilberry (*Vaccinium uliginosum*) is dominant (usually 50% or greater), with varying amounts of diapensia (*Diapensia lapponica*), Labrador tea (*Ledum groenlandicum*), Bigelow's sedge, highland rush (*Juncus trifidus*), mountain cranberry (*Vaccinium vitis-idaea*), black crowberry (*Empetrum nigrum*), and three-toothed cinquefoil (*Sibbaldiopsis* (= *Potentilla*) *tridentata*) as sub-dominants (generally less than 20% each). I did not focus on identification of lichens or mosses, but fruiticose lichens (primarily *Cetraria laevigata*, *Cladonia* (= *Cladina*) *stellaris*, *Cladonia uncialis*, *Cladonia* (= *Cladina*) *stygia*, and *Cladonia* (= *Cladina*) *arbuscula*) are common, and together are an important component that can reach or exceed 25%. Interspersed boulders and small fellfields are often present, but generally less than 20%. With the exception of tussock cottonsedge (*Eriophorum vaginatum* ssp. *spissum*), any of the species included in the flora list in Appendix D may be found within the heath community as a minor component. This rare plant community is state-ranked S2 (see Appendix D for state-rank definitions).



Figure 2. Heath Alpine Ridge plant community.

Windswept Alpine Ridge (diapensia - alpine ridge) – Figure 3. *Diapensia* is dominant, with alpine bilberry as a sub-dominant, while other Heath Alpine Ridge sub-dominants are generally a minor component (with Labrador tea typically absent). Increased levels of Lapland rosebay (*Rhododendron lapponicum*), alpine azalea (*Loiseleuria procumbens*), bearberry willow (*Salix uva-ursi*), and alpine bearberry (*Arctostaphylos alpina*) are good indicators, although they may be absent. This community is also characterized by increased amounts of gravel and bare ground, sometimes reaching 50% coverage. This very rare plant community is state-ranked S1.



Figure 3. Windswept Alpine Ridge plant community.

Alpine Snowbank (bilberry - mountain heath alpine snowbank) – Figure 4. The dominant and sub-dominant species are very similar to the Heath Alpine Ridge community, although Labrador tea and black crowberry are usually more



Figure 4. Alpine Snowbank plant community.

abundant, while *diapensia*, and highland rush are less. Lower elevation species, such as bunchberry (*Cornus canadensis*), early low blueberry (*Vaccinium angustifolium*), and bog laurel (*Kalmia polifolia*), as well as some rare elements including Appalachian fir clubmoss (*Huperzia appressa*) and alpine sweet grass (*Anthoxanthum monticola*) are more likely to be located in this cy type, although they are not restricted to it. This very rare plant community is state-ranked S1.

Sedge Meadow (Bigelow's sedge meadow) – Figure 5. In its purest form, Bigelow's sedge can nearly form a monoculture in this community, but usually deer's hair sedge, alpine bilberry, and highland rush are sub-dominant components (which each can locally become co-dominant with Bigelow's sedge). Lichens are nearly non-existent, although mosses can be sub-dominant (especially *Sphagnum* species). *Diapensia*, black crowberry, mountain cranberry, and three-toothed cinquefoil can be present, but generally are less than in the Heath Alpine Ridge community. The presence of tussock cottonsedge is one clear indicator that distinguishes Sedge Meadow from Heath Alpine Ridge communities, although it is often absent. This is not a recognized plant community in Maine and therefore does not have a state-rank; if it were, it would be ranked S1.



Figure 5. Sedge Meadow plant community.

Trail Options

Option 1:

The current trail locations run along or through the Thoreau Spring Sedge Meadow (Appendix A). The soil moisture and runoff from Thoreau Spring have lead to trail braiding and widening as hikers try to avoid surface water. Current efforts to restrict and define the treadway using string on poles seem to be fairly effective, and parts of the old treadway are already showing signs of recovery. Given that this treadway and its impacts already exist, one option is to leave the trail where it is currently, and continue efforts to reduce these impacts using string on poles, improved scree walls, and on-site stewards. Although the current treadway associated with the Sedge Meadow would likely be recolonized if abandoned, the amount of habitat gained would be relatively small (approximately less than 10%). In addition to gains along the current treadway, elimination of the current treadway may change hydrological flow patterns, which could lead to a slight increase in the Sedge Meadow extent along the margins. If use continues, even with improved stewardship efforts, the wet areas in the current tread make it unlikely that impacts can be completely eliminated, and ongoing hiking pressure may lead to further widening of the current tread. It is certainly likely to require perennial stewardship efforts to maintain or reduce the current impacts.

If the treadway remains in the current location, additional work to better define the treadway are warranted. Some options include moving old existing scree walling in alignment with the string on poles and a narrower treadway (or at the very least, removing old scree that has white blazing and is currently outside of the primary treadway). More clearly marking and

stringing the trail at the beginning of the current trail locations would also help to funnel hikers at the beginning of the string on poles area. Improvements in the permanence and professional appearance of the string on poles could decrease maintenance efforts and increase compliance. Although these efforts may reduce impacts slightly, because Sedge Meadows represent less than 1% of the above treeline plant communities on Katahdin (Kimball and Weihrauch 2000), and the Thoreau Spring meadow represents more than 50% of that total, other options that reduce impacts to this very rare plant community type should be considered.

Option 2:

One option examined here would move a section of the current Hunt Trail treadway slightly to the north through the Heath Alpine Ridge community (Appendix B). Although this would definitely impact vegetation that the new tread goes through, this community type is not as rare (although there are rare species that should be avoided where possible – see below); besides krummholz and fellfield, it is the most common community type, representing 14% of the area above treeline on Katahdin. In addition to gaining some Sedge Meadow habitat back, changing to this new trail would avoid wet areas and would be fairly easy to maintain a defined treadway, once established (Figure 6). The proposed trail reroute outlined in Appendix B would require the addition of 625 meters of new trail, and the abandonment of 675 meters of current trail.



Figure 6. This section of the Hunt Trail (looking east toward trail junction and before the Sedge Meadow) goes through a Heath Alpine Ridge community showing non braiding.

Option 3:

Another option is to reroute the Hunt Trail to the south and route it along the headwall rim through the Windswept Alpine Ridge community (Appendix C). Although there is less vegetation here to impact, this diapensia dominated community is regionally rarer, and represents 2% of the above treeline plant communities on Katahdin. The increased amount of bare ground associated with this community type would require a slightly larger initial effort to clearly define the treadway, although source material for scree walling should be locally more abundant. This proposed trail reroute would create a more scenic and dramatic trail section, with additional views to the south from just above the headwall, but would also increase safety issues and hiker's exposure to the elements. The proposed trail reroute outlined in Appendix C would require the addition of 960 meters of new trail, and the abandonment of 875 meters of current trail.

Recommended Option

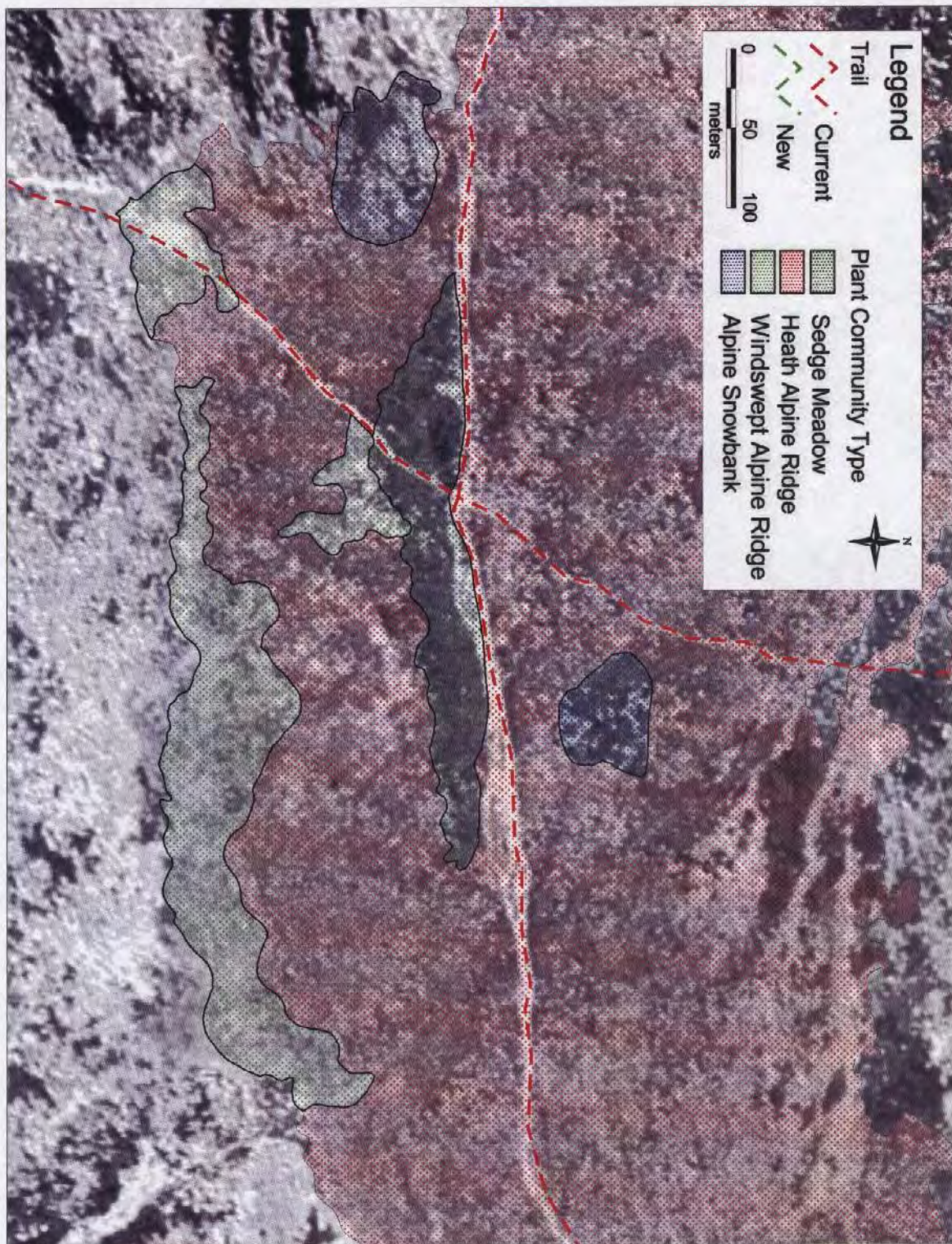
Although each of the above options have plusses and minuses, the rarity of the Sedge Meadow community and associated rare animal species weigh heavily towards relocating the current trail. The Thoreau Spring Sedge Meadow is likely the largest and best example of this

plant community type in the state of Maine. Relocating the trail through the Heath Alpine Ridge community (Appendix B) would shift impacts from a very rare plant community to a relatively common community type, and the lack of near surface water would help to keep impacts restricted to the new treadway. The Heath Alpine Ridge option also requires substantially less new trail work, and will be easier to define and delineate the new treadway.

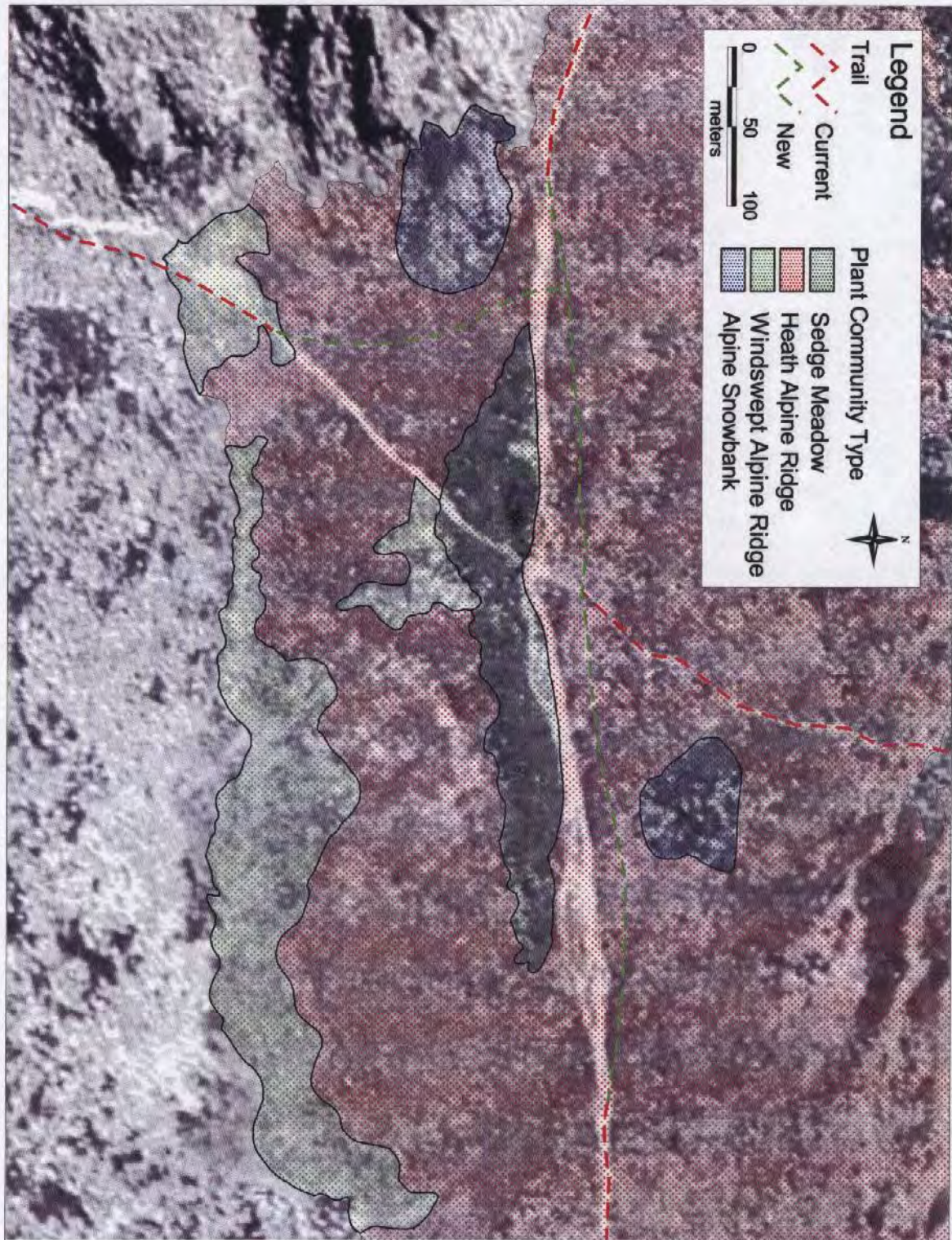
Both proposed reroutes above have possible variations, for example leaving the Abol Trail where it is currently, however this would leave this trail section still bisecting the Sedge Meadow. Although these possible variations may make the trail reroute easier to accomplish, and reduce the number of trail junctions and confusion, this report focuses on options that are likely to have the greatest benefit to the Sedge Meadow. Any variation to the proposed trail relocations should take care to avoid Alpine Snowbank communities, as this is also a rare plant community type, representing less than 1% of the above treeline area on Katahdin. Both reroutes as proposed do not provide access to the water source at Thoreau Spring, but could be modified to maintain a spur trail from the new Hunt and Baxter Peak Cutoff Trails to Thoreau Spring without a significant impact on the Sedge Meadow, although it would require an extra effort to brush in the abandoned Hunt and Abol Trail sections leading from Thoreau Spring until vegetation is able to recolonize these areas.

Trail relocations should take extra efforts to restrict the old treadway and clearly define the new treadway from the beginning; this is especially important if the trail is moved through the more sparsely vegetated Windswept Alpine Ridge community. String on poles will probably not be needed once the new trails are fully established and the old trails have begun to recolonize, but would be beneficial in clearly delineating the new trail until that time. Another method to deter continued use of the old trails is to transport removed soil and vegetation from the new treadway to the old treadway. This will provide a deposit site for debris removed from the new treadway without impacting vegetation at any other deposit site, and will provide the soil medium, seed source, and vegetation to speed recovery of the old treadway. One study of alpine trail restoration in Colorado maintained 65% vegetative cover after 1 year, when turf from a new trail was transplanted to the old trail (Conlin and Ebersole 2001). The turf pieces were cut into 30 cm x 40 cm blocks at a depth of 15 cm, and were dominated by forbs and graminoids; the shrub dominated Heath Alpine Ridge community may benefit from greater depths to include more of the root system.

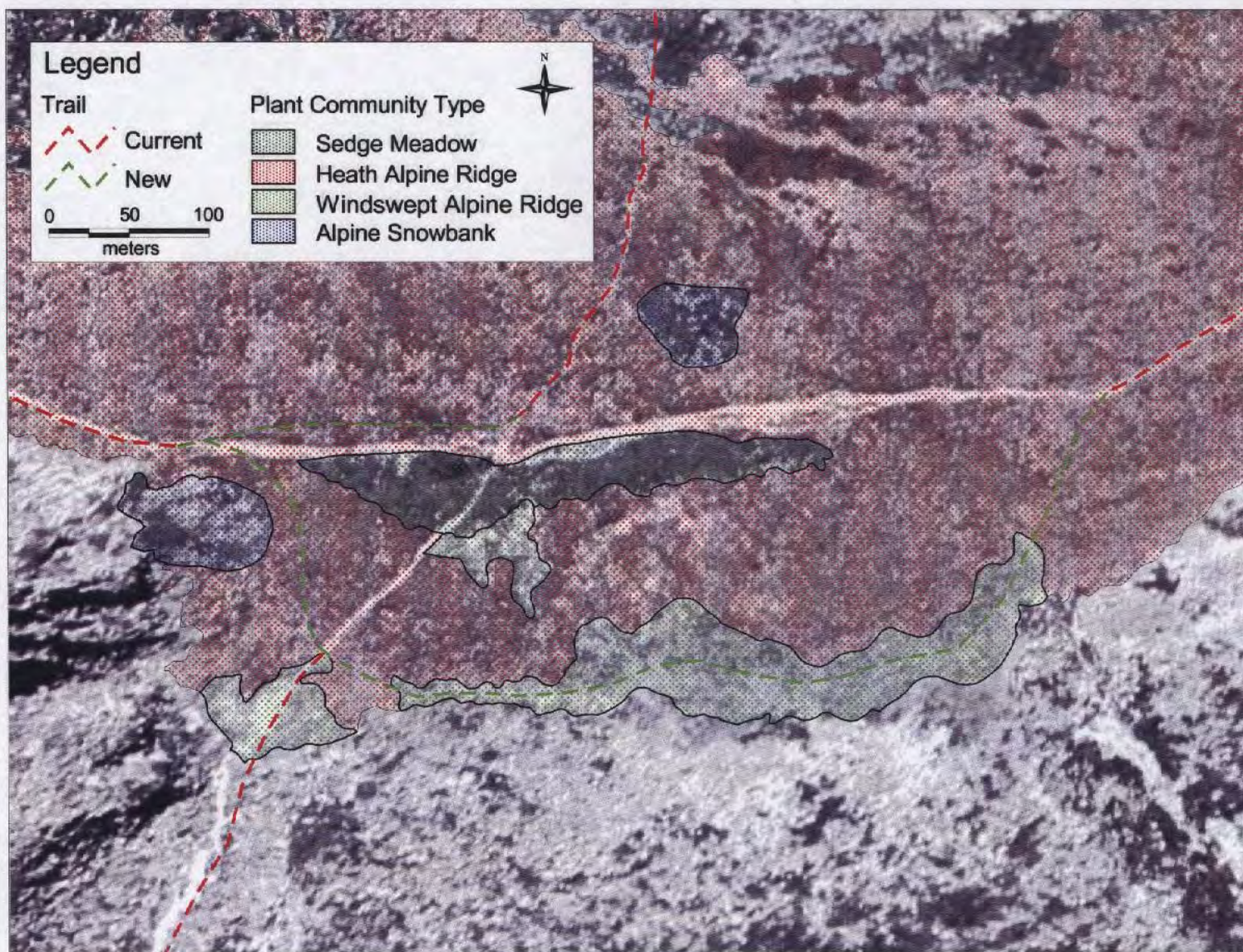
Before implementing any option that includes trail relocation, a search for rare plant populations should be conducted along the proposed new trail route. The list of species observed during the onsite assessment survey (Appendix D) identifies which species are rare. The list also includes a set of rare species that were not observed during the survey, but since there is appropriate habitat, these species may be present, and should be included during the search. Where rare plant populations are within or directly adjacent to the proposed trail, slight adjustments to the route can help to minimize impacts. Flags placed at rare plant locations outside of the treadways will help trail crew from trampling these populations during their work. Although regionally rare, some state-listed species are locally common in the alpine zone (i.e.: *diapensia* and Bigelow's sedge); impacts should be minimized where possible, but it will not be possible to completely eliminate impacts to these species. Other rare species are associated with disturbance (i.e.: boreal bent-grass (*Agrostis mertensii*) and mountain sandwort), and are largely restricted to the current treadway. They are unlikely to be adversely impacted by a new trail corridor, and may benefit from the increased amount of new trail and available habitat, although populations along the current treadway may decline, as these areas are reclaimed by vegetation.



Appendix A. Current trail locations and plant community extents (option 1).



Appendix B. Heath Alpine Ridge reroute (option 2).



Appendix C. Windswept Alpine Ridge reroute (option 3).

Appendix D. List of observed and rare plants.[†]

<i>Abies balsamea</i> (balsam fir)	
<i>Agrostis mertensii</i> (= <i>A. borealis</i>) (boreal bent-grass)	S2 / T
<i>Anthoxanthum monticola</i> (= <i>Hierochloa alpina</i>) (alpine sweet grass)	S1 / T
<i>Betula cordifolia</i> (= <i>B. papyrifera</i> var. <i>cordifolia</i>) (heartleaf paper birch)	
<i>Carex bigelowii</i> (Bigelow's sedge)	S2 / SC
<i>Cornus canadensis</i> (bunchberry)	
<i>Diapensia lapponica</i> (diapensia)	S2 / SC
<i>Empetrum nigrum</i> (black crowberry)	
<i>Eriophorum vaginatum</i> ssp. <i>spissum</i> (tussock cottonsedge)	
<i>Huperzia appressa</i> (= <i>H. appalachiana</i>) (Appalachian fir clubmoss)	S2 / SC
<i>Juncus trifidus</i> (highland rush)	
<i>Kalmia polifolia</i> (bog laurel)	
<i>Ledum groenlandicum</i> (Labrador tea)	
<i>Minuartia</i> (= <i>Arenaria</i>) <i>groenlandica</i> var. <i>groenlandica</i> (mountain sandwort)	S3 / SC
<i>Picea mariana</i> (black spruce)	
<i>Prenanthes nana</i> or <i>P. boottii</i> (dwarf/Boott's rattlesnake-root)*	S1 / E
<i>Spinulum canadense</i> (= <i>Lycopodium annotinum</i> var. <i>pungens</i>) (mountain stiff clubmoss)	
<i>Rhododendron lapponicum</i> (Lapland rosebay)	S1 / T
<i>Salix uva-ursi</i> (bearberry willow)	S1 / T
<i>Sibbaldiopsis</i> (= <i>Potentilla</i>) <i>tridentata</i> (three-toothed cinquefoil)	
<i>Solidago leiocarpa</i> (= <i>S. cutleri</i>) (Cutler's goldenrod)	S1 / T
<i>Solidago macrophylla</i> (large-leaved goldenrod)	
<i>Trichophorum</i> (= <i>Scirpus</i>) <i>cespitosum</i> (deer's hair sedge)	
<i>Vaccinium angustifolium</i> (early low blueberry)	
<i>Vaccinium uliginosum</i> (alpine bilberry)	
<i>Vaccinium vitis-idaea</i> ssp. <i>minus</i> (mountain cranberry)	

List of rare species not observed, but potentially present:

<i>Arctostaphylos alpina</i> (alpine bearberry)	S1 / T
<i>Betula glandulosa</i> (dwarf birch)	S1 / E
<i>Betula minor</i> (small birch)	S1 / E
<i>Harrimanella</i> (= <i>Cassiope</i>) <i>hypnoides</i> (moss plant)	S1 / T
<i>Loiseleuria procumbens</i> (alpine azalea)	S1 / T
<i>Phyllodoce caerulea</i> (mountain heath)	S1 / T
<i>Vaccinium boreale</i> (alpine blueberry)	S2 / SC
<i>Vahlodea</i> (= <i>Deschampsia</i>) <i>atropurpurea</i> (mountain hairgrass)	S1 / E
<i>Viola palustris</i> (alpine marsh violet)	S1 / E

Maine State Ranking

S1 – less than 5 occurrences in ME
 S2 – between 6-20 occurrences in ME
 S3 – between 21-100 occurrences in ME

Maine State ESA Status

E – Endangered
 T – Threatened
 SC – Species of Concern

[†] - detailed profiles for plant communities, and rare plant and animal species can be found at:
 plants - <http://www.maine.gov/doc/nrimc/mnap/features/plantlist.htm>
 animals - http://www.maine.gov/ifw/wildlife/species/endangered_species/state_list.htm
 plant communities - <http://www.maine.gov/doc/nrimc/mnap/features/commshhets.htm>

* – unable to identify to species level, as no flowers were present, but both are ranked at the same level of rarity

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Loon Count **Enter year** 2010

Pond	Town	Adults	Chicks	Nest	Pond Acres
Abol Pond	T2R9	2	2	0	70
Billfish Pond	T6R8/T6R9	NOT DONE			70
Upper South Branch	T5R9	2	0	0	84
Lower South Branch	T5R9	0	0	0	93
Caribou Pond	Lincoln	NOT DONE			
Celia Pond	T3R10	NOT DONE			8
Daicey Pond	T3R10	0	0	0	38
Draper Pond	T3R10	NOT DONE			10
Dwelley Pond	T5R10	NOT DONE			19
Elbow Pond	T3R10	0	0	0	13
Foss & Knowlton Pond	T3R10	NOT DONE			
Frost Pond	Trout Brk Twp	NOT DONE			37
Grassy Pond	T3R10	0	0	0	15
Hay Lake	T6R8	NOT DONE			588
Jackson Pond	T3R10	0	0	0	23
Katahdin Lake	T3R8	4	1	1	717
Kidney Pond	T3R10	3	1	1	96
Lily Pad Pond	T3R9	0	0	0	20
Lost Pond	T3R10	1	0	0	30
Matagamon Lake	Trout Brk Twp	13	0	0	4165
Nesowadnehunk Lake	T2R10	NOT DONE			1394
Little Rocky Pond	T3R10	0	0	0	16
Rocky Pond	T3R10	2	1	0	29
Lower Togue Pond	T2R9	4	0	0	384
Upper Togue Pond	T2R9	2	0	0	294
Tracy Pond	T3R10	0	0	0	12
Wassataquoik Lake	T4R10	2	0	0	178
Webster Lake	T6R10	NOT DONE			531
Total		35	5	2	

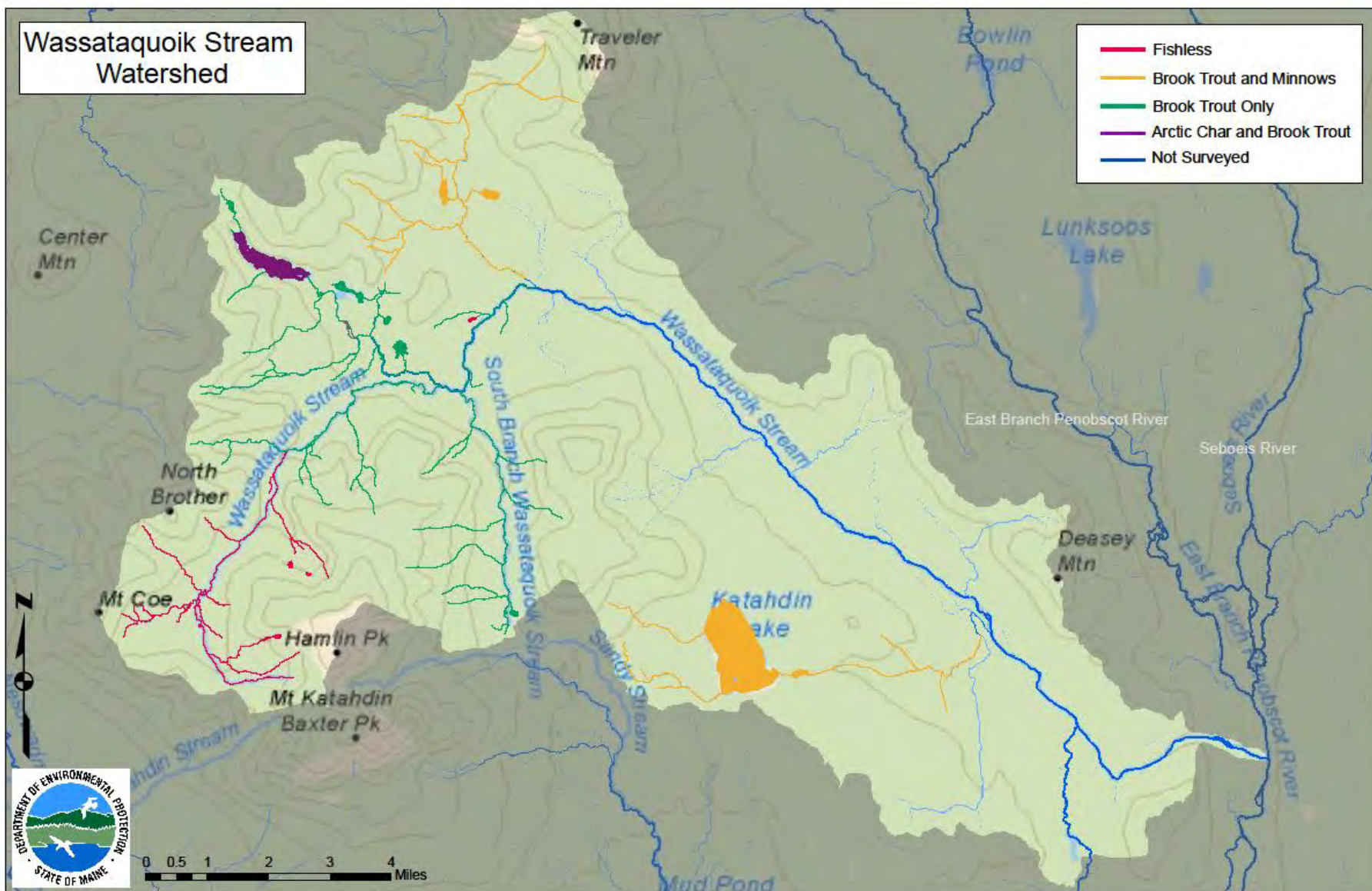
Ponds counted

18

Totals for 2010

Moose Patrol

[illegible]



IV. ADMINISTRATIVE APPENDICES

V. STATS

Baxter State Park					
Final Snowmobile Activity Report					
Winter 2010 - 2011					
				10-11	09-10
<u>Togque and Matagamom areas (Interior / Tote Rd.)</u>					
Total snowmobile counts from Matagamom and Togque gates:				3142	4059
Number of pedestrians counted (going in and out both gates)*:				870	951
Total snowmobile counts less pedestrians:				2272	3108
One half the snowmobile count will represent the number of actual snowmobiles that visited Baxter State Park through the Matagamom and Togque areas:				1136	1554
<u>BSP Tote Road through traffic.</u>					
Total snowmobile counts, represents amount of through traffic.					
These numbers already captured at Togque and Matagamom:				438	776
<u>Roaring Brook Road & Katahdin Lake Trail</u>					
Roaring Brook Road snowmobile count (less BSP visitors, including BSP staff, Katahdin Lake staff & visitors):				1176**	1233**
Katahdin Lake Tr. (includes K.L. staff, BSP staff & K.L. visitors):				1043**	742**
*The visitor numbers listed here do not include winter campers headed toward Abol, Katahdin Stream, Daicey Pond, Kidney Pond and Nesowadnehunk.					
**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

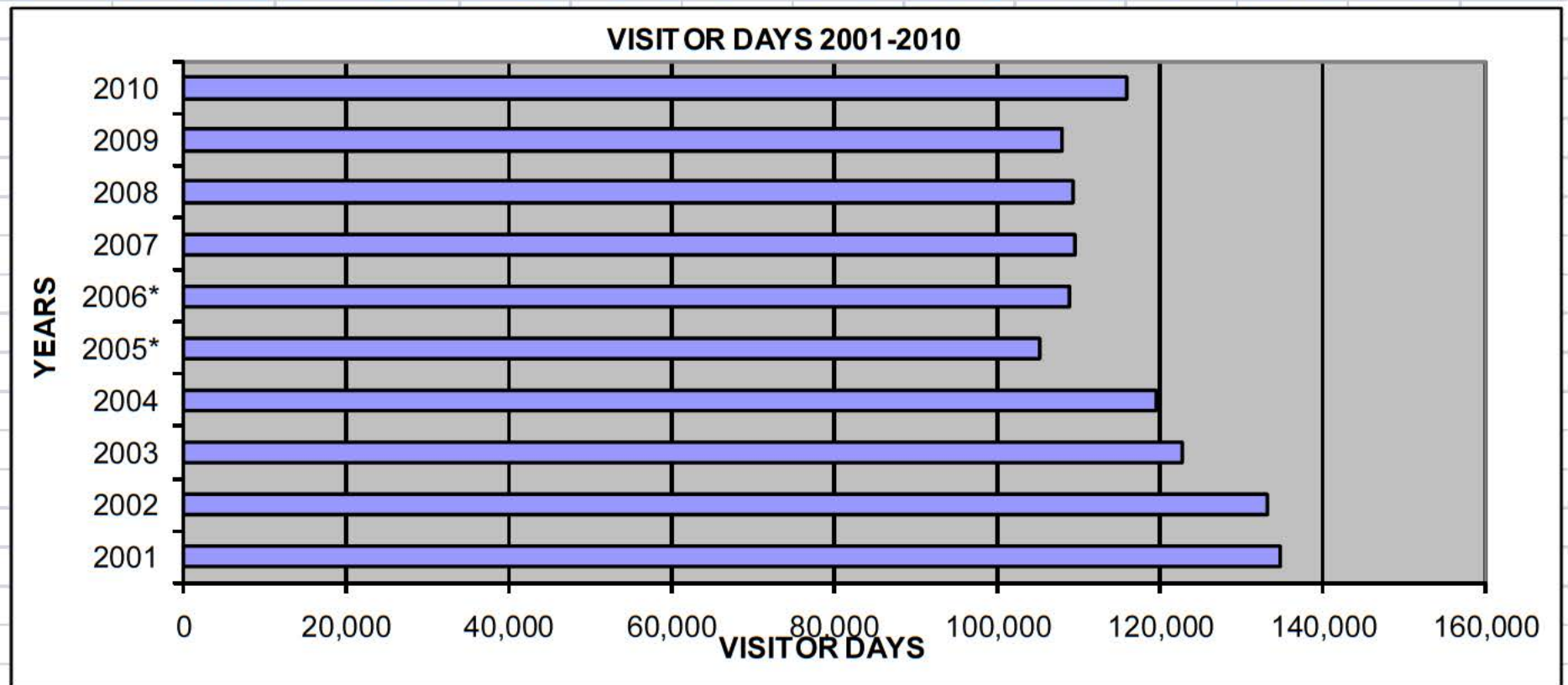
2001 - 2010

VISITOR DAY STATISTICS:	2001	2002	2003	2004	2005*	2006*	2007	2008	2009	2010
TOTAL SUMMER VISITOR DAYS	132,618	131,007	120,297	117,274	103,196	106,449	107,551	106,544	106,592	114,523
TOTAL WINTER VISITOR DAYS	2,220	2,083	2,333	2,323	2,054	2,410	1,873	2,741	1,396	1,240
TOTAL PARK VISITOR DAYS	134,838	133,090	122,630	119,597	105,250	108,859	109,424	109,285	107,988	115,763

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.)

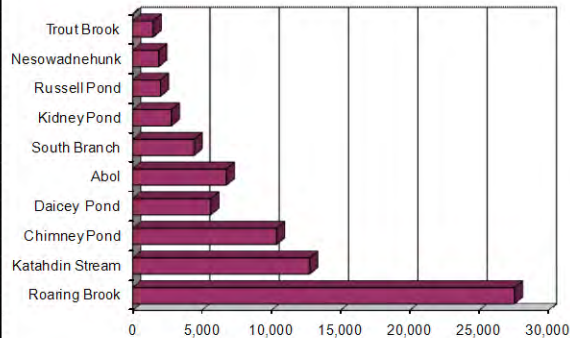
* 2005, late spring delayed opening trails/cmpgrds for 2 weeks. 2006, Neso closed during June. Aval Fld moved to Bear Brook.



BAXTER STATE PARK										
TRAIL USE SUMMARY - 2010										
REGISTERED HIKES PER PERSON PER TRAIL										
TRAIL NAME	MONTH						TRAIL AREA		% OF	
	MAY	JUN	JUL	AUG	SEPT	OCT	TOTAL	TOTAL	TOTAL	TOTAL
KATAHDIN STREAM:										
Hunt	287	1,327	2,798	3,390	1,815	972	10,589			
Oval	28	48	161	207	117	61	622			
Grassy Pond	25	64	143	175	57	42	506			
O.J.L.	30	16	44	86	56	18	250			
A.T. South	17	185	154	106	52	13	527			
Blueberry Ledges	18	37	106	68	27	20	276			
KAT STR TOTALS	405	1,677	3,406	4,032	2,124	1,126	12,770	12,770	17%	
ABOL:										
Abol Trail	183	546	1,150	1,609	803	114	4,405			
Abol Falls	12	16	81	65	37	22	233			
Abol Pond/Stream	20	15	31	12	51	0	129			
Blueberry Ledges	43	72	315	285	84	0	799			
AT North	55	128	200	463	301	0	1,147			
Foss & Knowlton	2	16	6	8	9	0	41			
Kettle Ponds	0	0	0	0	11	0	11			
Cranberry Pond	0	0	0	0	0	0	0			
ABOL TOTALS	315	793	1,783	2,442	1,296	136	6,765	6,765	9%	
ROARING BROOK:										
Chimney	2	2,034	3,571	3,910	2,851	1,324	13,692			
Helen Taylor	71	332	592	872	432	104	2,403			
Sandy Stream	593	1,283	2,304	1,949	1,500	827	8,456			
So. Turner	183	110	209	285	225	137	1,149			
Russell Pond	71	159	202	247	195	69	943			
Nature Trail	28	23	16	25	47	2	141			
Katahdin Lake	37	95	220	100	129	1	582			
Martin Ponds	7	7	11	0	40	6	71			
North Katahdin Lake	0	0	0	101	8	5	114			
RRG BK TOTALS	992	4,043	7,125	7,489	5,427	2,475	27,551	27,551	36%	
SOUTH BRANCH POND:										
So. Branch Falls	9	57	329	496	194	120	1,205			
Ledges	27	26	91	192	64	65	465			
Howe Brook	24	71	163	238	76	26	598			
N. Traveler	22	52	169	410	142	56	851			
Center Ridge	0	20	46	35	19	7	127			
Traveler Loop	3	17	41	128	61	42	292			
So. Br. Min.	15	12	62	198	46	33	366			
Pogy Notch	36	37	106	162	67	42	450			
Burnt Mt.	0	0	41	0	0	19	60			
Mid. Fowl. & Other	0	4	0	4	10	0	18			
SO BRANCH TOTAL	136	296	1,048	1,863	679	410	4,432	4,432	6%	
NESOWADNEHUNK:										
Double Top	34	60	188	269	117	71	739			
Marston	44	75	144	297	184	57	801			
Wass. Lake Trail	11	3	19	48	9	15	105			
Dwelle Trail	11	23	66	82	29	31	242			
NESO TOTALS	100	161	417	696	339	174	1,887	1,887	2%	
continued...										
Registered hikes per person per trail, continued										
TRAIL NAME	MAY	JUN	JUL	AUG	SEPT	OCT	TOTAL	AREA	% OF	
									TOTAL	TOTAL
CHIMNEY POND:										
Duiley	CLSD	231	375	576	249	27	1,458			
Cathedral	CLSD	665	1,271	1,346	913	169	4,364			
Saddle	CLSD	518	1,037	1,223	799	598	4,175			
Hamlin	CLSD	32	33	51	21	23	160			
N. Basin	CLSD	16	61	11	44	27	159			
N.W. Basin	CLSD	22	13	9	21	4	69			
North Peaks	CLSD	0	0	0	7	0	0			
CHIMNEY TOTALS	0	1,484	2,790	3,216	2,054	848	10,385	10,385	14%	
DAICEY POND:										
Niagara Falls	331	502	1,146	1,596	645	286	4,506			
D.P. Nature Trail	40	48	62	109	103	30	392			
Lost Pond Trail	5	12	14	42	28	10	111			
Sentinel Mt. Trail	0	0	0	5	33	0	38			
A.T. to Katahdin	9	30	54	95	75	15	276			
Daicey to Grassy	15	17	39	70	46	12	199			
Daicey to Elbow	6	11	19	25	3	0	64			
Daicey to Kidney	0	0	0	32	17	5	54			
DAICEY TOTALS	406	620	1,334	1,974	948	358	5,640	5,640	7%	
KIDNEY POND:										
Double Top	35	20	77	90	98	40	360			
Sentinel Min.	70	71	231	378	231	144	1,125			
Rocky Pond	52	51	114	117	86	25	445			
Draper Pond	25	30	26	38	18	23	160			
Kid. Pond Circuit	7	18	36	98	74	61	294			
Celia & Jackson	19	37	45	33	41	15	190			
Windy Pitch/Niagara/Lk	17	8	12	37	20	29	123			
Slaughter Pond	0	11	14	36	22	19	102			
KIDNEY TOTALS	225	246	555	827	590	356	2,799	2,799	4%	
RUSSELL POND:										
Russell Pond Trail	16	39	56	86	72	18	287			
Wass. Stream Trail	36	85	114	105	78	35	453			
Pogy Notch Trail	0	17	23	38	14	18	110			
Wass. Lake Trail	40	96	103	151	143	33	566			
N.W. Basin Trail	5	39	70	87	56	15	272			
Grand Falls Trail	7	53	30	78	49	17	234			
Lookout Trail	2	14	21	21	19	13	90			
RUSSELL TOTALS	106	343	417	566	431	149	2,012	2,012	3%	
TROUT BROOK FARM:										
Horse Mountain	0	15	36	126	55	50	282			
Five Ponds	46	24	37	64	30	26	227			
Fowler Pond	42	39	38	104	40	29	292			
Freeport	9	2	29	43	51	5	139			
Forest Pond	5	0	10	19	14	0	48			
Trout Brook Mtn.	14	28	60	214	66	50	432			
Wadleigh Brook	9	0	8	29	19	0	65			
TROUT BR. TOTAL	125	108	218	599	0	0	1,485	1,485	2%	
MONTHLY TOTALS	2,810	9,771	19,093	23,704	13,888	6,032	75,726	75,726	100%	
% OF TOTAL	4%	13%	25%	31%	18%	8%	100%	100%		

Roaring Brook	27,551
Katahdin Stream	12,770
Chimney Pond	10,385
Daicey Pond	5,640
Abol	6,765
South Branch	4,432
Kidney Pond	2,799
Russell Pond	2,012
Nesowadnehunk	1,887
Trout Brook	1,485

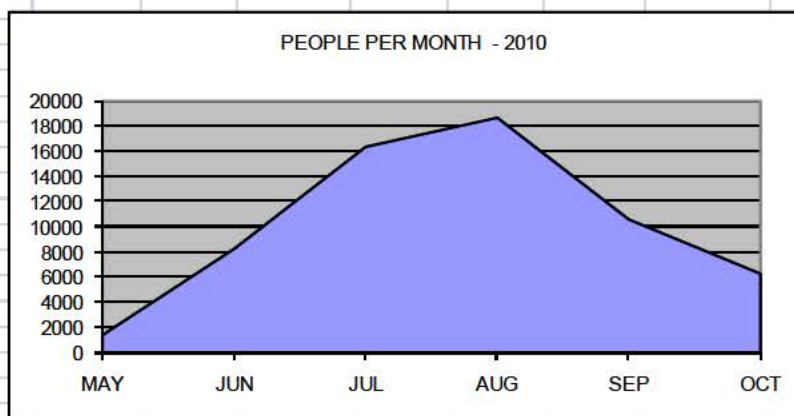
REGISTERED HIKES BY AREA - 2010



2010		Total						
Campgr	Trail	May	June	July	Aug	Sept	Oct	
RB	Chimney	2	2034	3571	3910	3910	1324	14751
RB	Helon Taylor	71	332	592	872	872	104	2843
RB	Sandy Stream	593	1283	2304	1949	1949	827	8905
RB	South Turner	183	110	209	285	285	137	1209
RB	Russell Pond	71	159	202	247	247	69	995
RB	Nature Trail	28	23	16	25	25	2	119
RB	Katahdin Lake Trail	37	95	220	100	100	1	553
RB	Martin Ponds Trail	7	7	11	0	0	6	31
RB	North Katahdin Lake Trail	0	0	0	101	101	5	207
Abol	Abol	183	546	967	1609	803	114	4222
Abol	Abol Falls	12	16	92	65	37	22	244
Abol	A. Pond/Stream Trail	20	15	31	12	51	114	243
Abol	Blueberry Ledges	43	72	315	285	84	22	821
Abol	AT North	55	128	222	463	301	0	1169
Abol	Foss & Knowlton	2	16	6	8	9	0	41
Abol	Kettle Ponds	0	0	0	0	11	0	11
Abol	Cranberry Pond	0	0	0	0	0	0	0
KS	Hunt	287	1327	2798	3390	1815	972	10589
KS	Owl	28	48	161	207	117	61	622
KS	Grassy Pond	25	64	143	175	57	42	506
KS	O.J.I.	30	16	44	86	56	18	250
KS	A.T.South	17	185	154	106	52	13	527
KS	Blueberry Ledges	18	37	106	68	27	20	276
DP	Niagara Falls	331	202	1146	1596	645	286	4206
DP	Nature Trail	40	48	62	109	103	30	392
DP	Lost Pond	5	12	14	42	28	10	111
DP	Sentinel Mountain	0	0	0	5	33	0	38
DP	A.T. Katahdin	9	30	54	95	73	15	276
DP	Grassy Pond	15	17	39	70	46	12	199
DP	Elbow Pond	6	11	19	25	3	0	64
DP	Kidney/Lily Pad	0	0	0	32	17	5	54
KP	Double Top	35	20	77	90	98	40	360
KP	Sentinel Mt.	70	71	231	378	231	144	1125
KP	Rocky Pond	52	51	114	117	86	25	445
KP	Draper Pond	25	30	26	38	18	23	160
KP	Kidney Pond Circuit	7	18	36	98	74	61	294
KP	Celia/Jackson	19	37	45	33	41	15	190
KP	Lily/Windy/Niagara	17	8	12	37	20	29	123
KP	Slaughter Pond	0	14	14	36	22	19	105
NESO	Double Top North	34	60	188	269	117	71	739
NESO	Marston	44	75	144	297	184	57	801
NESO	Wassataquoik Lake	11	3	19	48	9	15	105
NESO	Dwellely	11	23	66	82	29	31	242
SB	South Branch Falls	9	57	329	496	194	120	1205
SB	Ledges	27	26	91	192	64	65	465
SB	Howe Brook	24	71	163	238	76	26	598
SB	North Traveler	22	52	169	410	142	56	851
SB	Center Ridge	0	20	46	35	19	7	127
SB	Traveler Loop	3	17	41	128	61	42	292
SB	South Branch Mountain	15	12	62	198	46	33	366
SB	Pogy Notch	36	37	106	162	67	42	450
SB	Middle Fowler	0	4	41	4	10	19	78
SB	Burnt Mountain	0	0	0	0	0	19	19
TB	Horse Mountain	0	15	36	126	55	50	282
TB	Five Ponds Trail	46	24	37	64	30	26	227
TB	Fowler Pond	42	39	38	104	40	29	292
TB	Freezeout	9	2	29	43	51	5	139
TB	Frost Pond	5	0	10	19	14	0	48
TB	Trout Brook Mountain	14	28	60	214	66	50	432
TB	Wadleigh Brook	9	0	8	29	19	0	65
CP	Dudley	CLSD	231	375	4	249	18	877
CP	Cathedral	CLSD	665	1271	1346	913	16	4211
CP	Saddle	CLSD	518	1037	1223	799	598	4175
CP	Hamlin	CLSD	32	33	51	21	23	160
CP	North Basin	CLSD	16	61	11	44	27	159
CP	North West Basin	CLSD	22	13	9	21	4	69
CP	North Peaks	CLSD	CLSD	CLSD	CLSD	7	CLSD	CLSD
RP	Russell Pond	16	39	56	86	72	18	287
RP	Wassataquoik Stream	36	85	114	105	78	35	453
RP	Pogy Notch	0	17	23	38	14	18	110
RP	Wassataquoik Lake	40	96	103	151	143	33	566
RP	North West Basin	5	39	70	87	56	15	272
RP	Grand Falls	7	53	30	78	49	17	234
RP	Lookout	2	14	21	21	19	13	90
Grand Totals		2810	9474	18943	23132	16225	6185	76769

BAXTER STATE PARK 2010 GATE COUNTS - PEOPLE PER GATE												
CAMPERS					DAY USE					WALK/BIKE		
RES NON-RES TOTAL					RES NON-RES TOTAL					TOTAL COUNT BY GATE		
TOGUE POND												
GATE												
May	June	July	August	September	October	May	June	July	August	September	October	TOTAL
436	1624	2125	2732	1633	697	436	1624	2125	2732	1633	697	9247
302	1095	2228	2308	1363	565	302	1095	2228	2308	1363	565	7861
738	2719	4353	5040	2996	1262	1592	2719	4353	5040	2996	1262	17108
												20685
												16563
												37248
												86
												54442
								</				

BAXTER STATE PARK								
2010 GATE COUNT/VEHICLE PER MONTH								
	VEHICLES				% OF TOTAL VEH	TOTAL PEOPLE/ MONTH**	AVE. PEOPLE/ VEHICLE	
	RES	NON-RES	PASS	TOTAL				
MAY								
Togue Pond	797	313	22	1132		2793		
Matagamon	264	34	0	298		724		
Total MAY	1061	347	22	1430	6%	3517	2.5	
JUNE								
Togue Pond	1609	1100	12	2721		7225		
Matagamon	316	99	0	415		1024		
Total JUNE	1925	1199	12	3136	14%	8249	2.6	
JULY								
Togue Pond	2415	2195	30	4640		13799		
Matagamon	650	214	0	864		2542		
Total JULY	3065	2409	30	5504	25%	16341	3.0	
AUGUST								
Togue Pond	2700	2618	43	5361		15795		
Matagamon	711	302	0	1013		2850		
Total AUGUST	3411	2920	43	6374	29%	18645	2.9	
SEPTEMBER								
Togue Pond	1486	1558	9	3053		9362		
Matagamon	355	184	0	539		1223		
Total SEPT	1841	1742	9	3592	16%	10585	2.9	
OCTOBER								
Togue Pond	964	801	17	1782		5468		
Matagamon	226	130	0	356		816		
Total OCTOBER	1190	931	17	2138	10%	6284	2.9	
TOTAL BY	12493	9548	133	22174				
USE CATEGORY						63621	2.9	
%BY CATEGORY	56%	43%	1%	1				

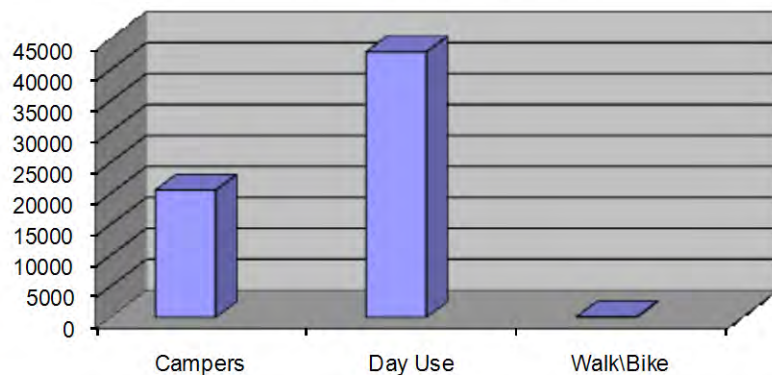


MAY	1430
JUN	8249
JUL	16341
AUG	18645
SEP	10585
OCT	6284

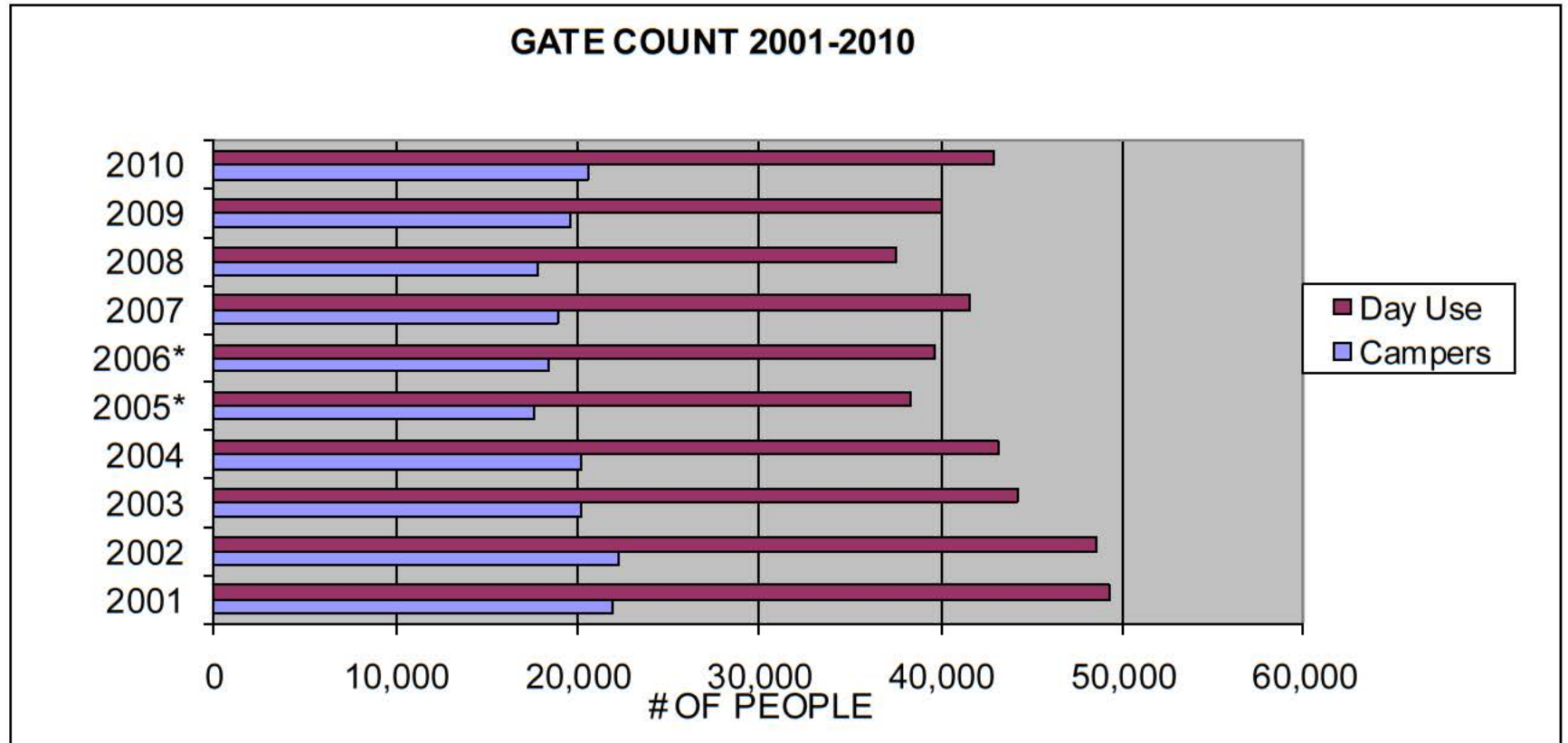
**BAXTER STATE PARK
2010 GATE COUNTS/VEHICLE PER GATE**

VEHICLES						% OF
		RES	NON-RES	PASS	TOTAL	TOTAL
TOGUE POND GATE						
May		797	313	22	1132	
June		1609	1100	0	2709	
July		2415	2195	30	4640	
August		2700	2618	43	5361	
September		1486	1558	9	3053	
October		964	801	17	1782	
TOGUE TOTAL		9971	8585	121	18677	84%
MATAGAMON GATE						
May		264	34	0	298	
June		316	99	0	415	
July		650	214	0	864	
August		711	302	0	1013	
September		355	184	0	539	
October		226	130	0	356	
MATAGAMON TOTAL		2522	963		3485	16%
TOTAL GATES		12493	9548		22162	

GATE HEADCOUNTS BY USE 2010



Campers	20577
Day Use	42913
Walk\Bike	131



BAXTER STATE PARK Camper Night Summar 2010																			
TOTAL CAMPER NIGHTS (Summer)		50,902																	
TOTAL CAMPERS (Summer)		2,725																	
NIGHTS PER CAMPER (Summer)		18.68																	
	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	TOTAL	% OF SUMMER CAMPER		DEC.	JAN.	FEB.	MAR.	TOTAL	% OF WINTER CAMPER NIGHT PARK				
								NIGHT	NIGHT						NIGHT	TOTAL			
CAMP GROUNDS																			
Roaring Brook	270	1080	1748	1794	1356	222	6470	16%	16%	24	30	140	112	306	25%	6776			
Abol	168	1803	1283	1803	758	221	6036	14%	14%	3	2	45	20	70	6%	6106			
Katahdin Stream	258	1038	1647	1881	996	62	5882	14%	14%	1	4	15	1	21	2%	5903			
Dacey Pond	270	563	812	879	764	505	3793	9%	9%	10	29	74	32	145	12%	3938			
Kidney Pond	191	585	874	1062	821	126	3659	9%	9%	0	6	50	29	85	7%	3744			
Nesowadnehunk	117	291	799	1384	464	100	3155	8%	8%	10	6	18	7	41	3%	3196			
Trout Brook Farm	63	139	447	251	125	90	1115	3%	3%	3	2	8	4	17	1%	1132			
South Branch Pond	156	493	2039	2734	945	12	6379	15%	15%	0	32	62	24	118	10%	6497			
Russell Pond	128	355	380	573	306	12	1754	4%	4%	7	25	39	8	79	6%	1833			
Chimney Pond	Closed	584	913	968	748	214	3427	8%	8%	23	44	138	153	358	29%	3785			
Togue Pond	WINTER	MONTHS		ONLY															
Campground Total	1621	6931	10942	13329	7283	1564	41670	82%	82%	85	196	604	390	1240	100%	42945			
GROUP AREAS																			
Bear Brook	109	466	626	640	330	126	2297	35%	35%								0	2297	34%
Foster Field	0	169	654	595	442	0	1860	29%	29%								0	1860	28%
Nesowadnehunk	88	128	595	608	210	0	1629	25%	25%	C	L	O	S	E	D	0	1629	24%	
Trout Brook Farm	0	104	57	424	79	57	721	11%	11%								0	959	14%
Group Area Total	197	867	1932	2267	1061	183	6507	13%	13%	0						0	6745	13%	
OUTLYING SITES																			
Katahdin Lake Area	0	7	48	15	60	12	142	5%	5%										
South Branch Pond	44	18	65	100	57	57	341	13%	13%								341	13%	
Fowler	47	52	40	103	45	28	315	12%	12%								315	12%	
Webster	84	2	191	316	118	17	728	27%	27%								728	27%	
AT Shelter/Thr Birches	0	26	111	166	150	56	509	19%	19%	C	L	O	S	E	D	509	19%		
Davis	Closed	36	56	62	45	7	206	8%	8%								206	8%	
Wassataquoik Area	8	24	119	169	116	48	484	18%	18%								484	18%	
Outlying Total	183	165	630	931	591	225	2725	5%	5%								2725	5%	
TOT. CAMP NIGHTS	2001	1050	13504	16527	8935	1972	50902	100%	100%	85	196	604	390	1240	100%	52415	100%		
% OF PARK TOTAL	4%	0.02	26%	32%	17%	4%	97%			0%	0%	1%	1%	2%		100%			

TOTAL WINTER VISITOR DAYS: Equals total number of people who registered at TP, Abol Trail, and Matagammon for day use plus the total number of nights for the winter season (RB, CP, RP, KS, ABOL, DP, KP, NES., SBP, TBF).

2010 WINTER NIGHTS TOTAL 1240 plus 218 (Abol Stream, TPG, & AT)

**b. BAXTER STATE PARK
AUTHORITY/ADVISORY LISTING**

Effective 5/14/2010

AUTHORITY MEMBERS	ADDRESS	TELEPHONE NUMBERS
--------------------------	----------------	--------------------------

ALEC GIFFEN, DIRECTOR MAINE FOREST SERVICE Alec.Giffen@Maine.gov	22 State House Station Augusta, ME 04333-0022	287-2791
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
JANET T. MILLS ATTORNEY GENERAL Janet.T.Mills@Maine.gov	Six State House Station State Office Building Augusta, ME 04333-0006	626-8800

ADVISORY MEMBERS	TERM / APPOINTMENT DATE	ADDRESS	TELEPHONE NUMBERS
-------------------------	--	----------------	--------------------------

1. CARLA RITCHIE, CHAIR critchie@llbean.com	2007/2013	1477 Dixmont Road Etna, ME 04434	H570-6933 W941-1840
2. RICHARD BRAY VICE CHAIR rbraybuilder@gmail.com	2008/2014	921 River Road Brunswick, ME 04011	H725-8318 C319-5353
3. ERIC BAXTER ebaxter@hewinstravel.com	C	Hewins Travel 100 Commercial St. Portland, ME 04101	772-7252 800-370-0888
4. R. MICHAEL WHITE rmwhite@tds.com	C	1030 Carmel Road N Hampden, ME 04444	H 862-4719 W745-3906
5. DAVE BUCCELLO davidbuccello@mac.com	2010/2016	87 Mill Brook Road Bar Harbor, ME 04609	288-0968
6. DOUG CALLNAN anne@agricalinc.com	2010/2016	PO Box 6 Houlton, ME 04730	H532-4180 W 532-6130

7. SHERRY DUBIS shdubis@gmail.com	2010/2016	15 Third Avenue Fort Kent, ME 04743	C 316-5226 W543-7302
8. DAVID EDWARDS dedwards1@maine.rr.com	2008/2014	171 Lawrence Road Pownal, ME 04069	H688-4180 C807-0323
9. TOM GOETZ tgoetz@maine.rr.com	2008/2014	1754 New Sweden Road Woodland, ME 04736	H896-5675
10. BRUCE HANCOCK brucehancock@me.com katahdinbound@gmail.com	2007/2013	51 Park Street #3 Portland, ME 04102	C595-0305
11. SPENCER MEYER spencer@beyondkatahdin.org	2007/2013	84 Summer Street Hampden, ME 04444	H862-5675
12. JOHN MCELWEE johndmcelwee@gmail.com	2010/2016	PO Box 209 Bryant Pond, ME 04219	210-0777
13. LAURIE NALE momatlrg@gmail.com	2008/2014	Four Country Way Waterville, ME 04901	H649-4901
14. LAURIE RICH douglaurie@att.net	2008/2014	62 Wessnette Drive Hampden, ME 04444	H862-6580
15. CHARLIE WOODWORTH chas.woodworth@gmail.com	2007/2013	70 Fawn Run Yarmouth, ME 04096	H846-4458 W775-3191

INTERESTED INDIVIDUALS FOR BSP ADVISORY

Revised 05/14/2010

1. STACEY GUERIN 79 Philips Road Glenburn, ME 04401 H884-7118 C852-3644 guerin@midmaine.com	2. DARRELL MORROW 86 Shaws Mill Road Gorham, ME 04038 H839-3016 dmorrowpiano@yahoo.com
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SUBCOMMITTEE MEMBERS INFORMATION
BSP ADVISORY STANDING SUB-COMMITTEES
MEMBER LISTING

Revised 05/11/2009

FINANCE

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

INVESTMENT

Brian Noyes, Chair
Steve Hutnak
Rupert White*
Chris Nelson*
Carl Gercke*
Carla Ritchie
Mike Boyson
Rick Bray

RESERVATION

Carla Ritchie
Michael White
Laurie Rich
Carol Leckey
Bruce Hancock
Paul Labbé*
John Loyd*
Duffy Akerley*
Rick Bray

WEB SITE

Laurie Rich
Bruce Hancock
Spencer Meyer
Steve Hutnak
Carla Ritchie
Rick Bray

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.

c. DIRECTOR'S RESEARCH COMMITTEE

Revised 05/14/2010

Jean Hoekwater, Staff Coordinator
Dave Field, U of M - Retired
Steven Oliveri, Vines Arboretum
Woodrow Thompson, M.G.S.
Roy Farnsworth, Bates College - Retired
Hank Tyler, State Planning - Retired
Dykstra Eusden, Bates College
George Matula, IF&W
Richard Dearborn, MFS - Retired
Don Hudson, Chewonki Foundation
Dave Courtemanch, Dept. of Environmental Protection
Steve Selva, University of Maine Fort Kent
Kathleen Murray, Department of Agriculture

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 Baxter State Park Director.

**d. BAXTER STATE PARK
SCIENTIFIC FOREST MANAGEMENT AREA
ADVISORY COMMITTEE** *(Updated 5/14/2010)*

MEMBERS	TERM	ADDRESS	TELEPHONE
ALISON DIBBLE, CHAIR adibble@earthlink.net	2012	HC 64, Box 5312 Brooklin, ME 04616	H359-4659 W866-7258 F866-4602
LINDA ALVERSON Mcpandalv@ainop.com	2011	812 Oxbow Road Oxbow, ME 04764	435-3410
PHILIP AHRENS pahrens@pierceatwood.com	2016	97 Cousins Street Yarmouth, ME 04096	W791-1298 H846-9572
BARRIE BRUSILA mid-maine_forestry@juno.com	2012	1320 Western Road Warren, ME 04864	WHF 273-4046
ROB BRYAN rbryan@forestsynthesis.com	2012	271 Harpswell Neck Road Harpswell, ME 04079	725-8942
DAVE CLEMENT magram@gwi.net	2012	536 West Ridge Road Cornville, ME 04976	H474-3964
ROY FARNSWORTH rfarnsw2@bates.edu	2016	14 Hersey Hill Road Auburn, ME 04210	783-9936
ALLISON KANOTI kanoti@gwi.net	2016	33 Crummett Mountain Rd Somerville, ME 04348	H549-4868 W287-3147
LAUSTSEN, KEN Ken.Laustsen@maine.gov	2011	MFS – 22 SHS Augusta, ME 04333-0022	W287-3135
GORDON MOTT forester@almanacmtn.us	2011	42 Damon Pasture Lane Lakeville, ME 04487	H738-2108 C794-5729
CRAIG TROEGER crtroeger@gmail.com	2011	PO Box 307 Van Buren, ME 04785	768-1575
CARL VAN HUSEN	2011	27 Vaughn Street Madison, ME 04950	H696-3665 C491-9044
JOE WILEY joe.wiley@maine.gov	2012	92 Route 127 Dresden, ME 04342	W287-4921 H737-8149
JEREMY WILSON jeremy.wilson@umit.maine.edu	2016	University of ME 5755 Nutting Hall Orono, ME 04469	W581-9213 H866-0328



BAXTER STATE PARK AUTHORITY



AUTHORITY MEMBERS

ALEC GIFFEN, CHAIR
DIRECTOR OF MAINE FOREST SERVICE

ROLAND D. MARTIN
COMMISSIONER OF INLAND FISHERIES & WILDLIFE

JANET MILLS
ATTORNEY GENERAL

STATE OF MAINE INFORMATION

www.baxterstateparkauthority.com
(207) 723-5140

PARK HEADQUARTERS

D. JENSEN BISSELL, DIRECTOR

64 BALSAM DRIVE
MILLINOCKET, ME 04462

(207) 723-9500 DIRECTOR
(207) 723-9616 ADMINISTRATION

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

FROM: JENSEN BISSELL, DIRECTOR OF BAXTER STATE PARK

SUBJECT: SCHEDULED MEETINGS 2010

DATE: October 29, 2009

Jensen Bissell

BSP AUTHORITY

DATE

January 26

March 18

*May 14

July 15

*October 1

December 17

LOCATION

Augusta

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.



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“TO PRESERVE AND PROTECT”