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BAXTER STATE PARK

1997

ANNUAL REPORT



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AUGUSTA, MAINE

JUN 22 1998

BAXTER STATE PARK AUTHORITY:

RAY B. OWEN, Chairman
Commissioner, Inland Fisheries & Wildlife

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Attorney General

CHARLES GADZIK, Director
Maine Forest Service

Respectfully submitted:

IRVIN C. CAVERLY, JR.
Director, Baxter State Park
May 1, 1998

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TO PROTECT AND PRESERVE

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A. DIRECTOR'S 1997 SUMMARY

DIRECTOR'S 1997 SUMMARY

As the calendar turned over and we entered 1997, it was not without challenge. We were just wrapping up the investigation of the Louis M. McGuinn incident. This was a 32-year old subject from 151 Gilead St., Hebron, CT who had traveled to the Park, hiked to a remote area on the AT, left the trail and committed suicide (see 1996 Activity Report #3). During the next few weeks, we communicated frequently via telephone and memo to the family in attending to details as follow-up to the incident.

On January 3 Park Headquarters was again a busy place. People visited from all over Maine to make their first day reservations. The ongoing renovations at Park Headquarters made for an interesting mix, but as usual, people were patient, staff was extremely efficient, and we had strong support from a group of volunteers in helping us to get through the day and those that followed for the duration of about two weeks, few complaints, many compliments and a lot of happy campers left Millinocket with their vacation plans in the form of confirmations carried close to their hearts. It is most rewarding for this Ranger to observe how people appreciate their experiences at the Park and return year after year. I have often said that in the hearts of Maine people, Katahdin and BSP are like a huge magnet. You hike the trails, climb the mountain or just relax in front of campfires and you can be assured that the magnetic forces will draw you back year after year after year. The rest of the story is that many of the people that I have known from their early years of camping who have gotten too old to return physically to the Park will continue to maintain contact, reminisce about the good old days and continue to benefit and enjoy by updates and dialogue regarding Park activities.

Early in January, we considered upcoming projects that needed some immediate planning. Consequently Russell Pond Campground Ranger Brendan Curran contacted us to assure that details had been taken care of so that he and Campground Ranger Greg Hamer might start the construction and replacement of lean-to #1 at Russell Pond. Winter staff were able to move pre-cut logs to the site, remove the old shingles from the roof so that when the seasonal Rangers came back via a few long work days, they accomplished the goal and the new lean-to was in place for rental when we opened the campground for the season.

Other topics that were focused on that were time-consuming during the year were a review by the History Committee of Dr. Trudy Scee's work. Dr. Ed Dwyer, who served as Chair of that Committee, has done a tremendous job spending endless hours reviewing the project along with Committee members and working with Dr. Scee to bring it to its final stages. We anticipate it will be completed, forwarded to a publisher and printed for distribution during 1998.

During the year, I had many opportunities to work the circuit of information/education as it pertains to BSP operations and its history. In the interest of identifying a few of these programs as examples: attended Advisory Committee Beal College and as Advisory member worked with the instructor in presenting a program on BSP. Participated at the Hichborn School in Howland as well as an elementary school in Holden, worked with

Unity college and assisted Professor Larry Farnsworth by speaking the better part of the forenoon to his law enforcement class, supported Park Naturalist Jean Hoekwater and assisted her to work with Marilyn Tourtelotte in the Maine Outdoor Program, participated with law enforcement Advisory Board Region 3 in Lincoln, responded to numerous requests to speak to various organizations in the immediate area, attended the MATC annual meeting in Bethel, ME, spoke to the Association for the Preservation of the Adirondaks in upstate New York. Last, but not least, was one of the most incredible experiences of my career. Early in the year, I was invited to attend a Wilderness Management Workshop in Huson, MT. With support and encouragement from the BSP Authority and other associates, I left the east coast via Delta and arrived in Missoula, MT to spend 10 days interacting at the conference with other Managers with typical responsibilities from all over the United States. Two nights and three days were spent at bivouac camp at the 6,000 ft. level in the Bob Marshall Wilderness. It has been a long time since I rode a "hoss", but I found it most enjoyable and brought back a lot of memories of my younger years on the farm in Cornville, ME. To learn about the history of the Bob Marshall Forest, to participate with associates in such an area with wilderness values that are top priority is extensive. I shall not forget and shall always be grateful to BSP for the opportunity. My thanks to the Authority, to staff who covered all bases while I was away and to Ed Zahniser and Bob Proudman who initiated these opportunities.

Several times during the early winter of 1997 I attended Legislative hearings to represent the Park. The most notable bill being that of LD 127 which was an act to prohibit destruction of any artificial structure within Baxter State Park without Legislative approval. We felt this was a direct impact to the Park and contrary to the Deeds of Trust which clearly identifies the BSP Authority as the governing body, and it would be inappropriate and, in fact, illegal for the Authority to be micro-managed as they carry out their duties.

In 1997 we were able to complete the sale of property to the Corrigan family on Upper Togue Pond. This objective was reached in conjunction with properties of Georgia-Pacific's sales agreement to BSP.

During the early fall, contractor Fred Herring completed the new conference room at Park Headquarters. He did a quality job, and we are delighted that we now have a facility that should serve the park well for many years to come.

Renovations at Kidney and Daicey Pond Camps are complete, and we are now at the stage of operating and maintaining the facilities on an annual basis. During the last couple of years, I have had the opportunity to serve as the rater for the five Campground Rangers. It has been a rewarding experience and one that I continue to enjoy, not just for the opportunity to work on a more regular basis with skilled and professional staff, but to have another excuse to get to the Park and have hands on at least one a month.

I have contacted Supervisor Bill Gormely of MDOT in 1997, and we are in hopes to have a workshop soon on early in 1998 where we can discuss long term objectives for DOT's role in maintaining the BSP toteroads.

Prior to and during 1997, I have reviewed on numerous occasions Range classifications for several Park employees. It was obvious that their workloads were in excess of what they were originally hired to do. Consequently we asked to have a revaluation of the positions. Those classes were evaluated by the Bureau of Human Resources, and the reclass requests are approved at that level. At the printing of this report, the Bureau of Budget has submitted to the Legislature budget provisions which will support the increase, and we are optimistic that these steps can be implemented early in 1998.

During the summer of 1997, we posted and advertised to fill the position of Park Business Manager. Later we received a certification list. I appointed an Interview Board that accomplished their assignment, and I appointed Malcolm Coulter, Jr. of China, ME to fill the position. He started his new tasks October 14. He is catching on quick, and I am delighted that he has joined our ranks.

Mid summer I requested of the Maine State Audit Department an audit at Park Headquarters, specifically in the areas of Payroll, Reservation/Information, Capital and Inventory and Supply. The audit was scheduled and accomplished (see appendix of this report for those results).

The most challenging and time-consuming issue of the year was that of identifying how the new lands north of the West Branch of the Penobscot River to the Abol Park boundary should be managed. To achieve that, with the Authority's approval, I selected a group of people for a BSP Sub-Committee to serve on the New Lands Review Committee. We held a sequence of workshops, namely in East Millinocket, Bangor, Augusta, Holden and Brunswick. The BSP Authority held a public meeting in Millinocket on October 16. After seeking information from the people, both orally and in writing, the Advisory, staff, Baxter family and the Authority's legal counsel have concluded that the BSP West Branch Lands (in T2R10 north of the West Branch of the Penobscot River, east to the thread of Abol Stream and west to the thread of the West Branch of the Penobscot River.) should be managed according to sanctuary provisions envisioned and identified by Percival P. Baxter in the Deeds of Trust. The Authority will be meeting on January 13, 1998 to render their decision. It is interesting to note that when we initiated discussions and subsequently negotiated for the lands, there was general assumption that they will be managed according to overall provisions of the Park, and I to not think that anyone in that process perceived that this issue would become as controversial and emotional as has been expressed in recent weeks and months. I and many others share this view that in the future when a willing seller approaches BSP to talk about land sale, it needs to be understood clearly and upfront, conditions of the sale and the intent of the purchasers, namely BSP.

In the following pages of this report, there will be much information that may be considered routine, but each year the numbers change. I feel it is important and valid that we have an ongoing reflective record of any operational year. Therefor I have asked Admin. staff members and their subordinates to be concise in their narration, but to be complete so that I might forward to the people of Maine a realistic vision of BSP operations 1997.

My thanks to Admin. staff members, Authority, Advisory and the hundreds of hours that have been received through volunteerism, for these objectives reported and the goals accomplished. 1997 did have challenging trails, but also consisted of **HAPPY TRAILS**.

B. OPERATIONAL HIGHLIGHTS AND OVERVIEW

I OVERVIEW - 1997

The winter of 1996-97 was unusually wet and late. There were four rainstorms in December, four more in January and three additional rainstorms in February. This created poor skiing and snowmobiling conditions and hampered safe winter camping activities. Park staff assisted in three medical winter evacuations out of Chimney Pond on Mt. Katahdin.

The spring thaw was unusually late in 1997. Poor and late road conditions prevented public access to Roaring Brook, Russell Pond and South Branch Pond Campgrounds by our normal opening date of May 15th. In fact, it was not safe for two-wheel drive vehicles to access South Branch Pond Campground on Memorial Weekend. The Park toteroad was not passable through the Park until June 13, 1998. There was still seven feet of snow against the lean-to's at Chimney Pond in early June.

Major projects completed in 1997 included:

1. Removal of the underground fuel storage tank at Togue Pond.
2. Dismantling of the old South Branch Pond bunkhouse.
3. Completed the finish work and opened the new South Branch Pond bunkhouse for public use.
4. Removed three deteriorating lean-to's at the Abol Scout Area.
5. Relocated four lean-to's at the Abol Scout Area to a central camping area.
6. Replaced a log lean-to at Russell Pond.
7. Dismantled old woodshed and storage shed at Kidney Pond.
8. Installed new handicap accessible toilets at Slide Dam and Togue Pond beach.
9. Installed 1265 feet of bog bridging on the wetter portion of the Wassataquoik Lake Trail near Center Pond.
10. Completed and opened for public use the Wadleigh Brook Trail from Hudson Brook to Trout Brook (10 miles).
11. Constructed a lean-to at Hudson Pond.
12. Covered the cement block garage at Kidney Pond with board and batten.
13. Converted the old cement block generator shed at Kidney Pond to an employee shower facility at Kidney Pond. Covered this same building with board and batten.
14. Upgraded the Kidney Pond crew camp to house Trail Crew personnel. Reshingled the roof and installed a new chimney.
15. Installed new corner posts of town line intersections along the boundary of Baxter State Park.
16. Repainted four miles of Park boundary around Nesowadnehunk Lake and Togue Pond.
17. Blazed the eastern boundary of the SFMA from Trout Brook to Boody Brook.
18. Resupplied by snowmobile the Chimney Pond and Russell Pond Campgrounds with requisitions, firewood and propane tanks.

July, August and September showed heavy public use. Sixteen out of 25 Search and Rescue operations were in during these three months. There were two fatalities in 1998. On July 30, Philip Duval, age 38, of Richmond, VA drowned at the lip of Little Niagra Falls while fishing. Two days later on August 1, David Graves, age 47, of Kensington, MD suffered a heart attack at Daicey Pond after climbing Mt. Katahdin. Volunteer Search & Rescue teams (Lakes Region, Lincoln, Mahoosuc and Wilderness) covered Search & Rescue incidents on weekends. Outlying campsites were closed to camping for nearly two weeks on July 30 because of high fire danger.

The fall months showed an increase of hunting activity in T6R9 and T6R10. Over 1500 hunter days of use were recorded in October and November. One lost hunter, Eric Lanseigne, age 23, of Plaistow, NH, was found and transported to his campsite north of Baxter State Park.

The Carry-In, Carry-Out program was successful in 1997. A total of 6.7 tons of trash was hauled out of Baxter State Park. A total of 7.5 tons of trash was hauled out in 1996, 11.3 tons of trash hauled out in 1995, 14.2 tons hauled out in 1994 and 17.2 tons hauled out of the Park in 1993. There is a pattern of steady decrease in trash every year.

A total of 212 volunteers contributed 7,014 hours of volunteer service in 1997. Volunteers donated 2,495 hours of labor on the trail maintenance program.

Baxter State Park had two small wild fires in 1997. Both were at old debris sites at Nesowadnehunk Field and the Roaring Brook sites. Both fires were easily contained.

Two problem bear were live trapped at South Branch Pond and relocated outside of Baxter State Park. A problem "kicking deer" was relocated from Roaring Brook to McCarty Field.

II SAFETY

Baxter State Park has an active Safety Program. Safety issues in 1997 included:

1. Firepans to hold campsite ashes were constructed and installed at the Nesowadnehunk Field and Roaring Brook burn sites. Coals from ash deposits started two small fires previous to this corrective action.
2. Plans were drawn to create better ventilation at the welding bench in the Park garage facility.
3. Bog bridges were installed in muddy sections of the new Wassataquoik Trail near Center Pond.
4. Replaced defective propane gas regulations at Foster Field crew camp, Kidney Pond Ranger camp and the Mt. View cabin.
5. Safety rails were constructed around the cribbing of tentsite #17 at the Abol Campground.

6. Two problem black bear were live trapped and relocated to unorganized townships north of Baxter State Park.
7. A problem "kicking" doe deer was live trapped at the Roaring Brook Campground and relocated at McCarty Field. This deer had kicked and injured more than 12 persons in two camping seasons.
8. Park staff removed sagging and cracking culverts on the Park toteroad.
9. The Kidney Pond bridge subdeck was inspected and found deteriorating. Materials were ordered to repair this road cross-over Nesowadnehunk Field.
10. Park personnel at each campground area using a solar powered battery system made regular maintenance checks to ensure proper power for Search and Rescue and other emergency situations.
11. Trained volunteer search and rescue organizations (Lakes Region, Lincoln, Mahoosuc, and Wilderness) covered numerous weekends covering search and rescue situations. This assistance lessens the accumulating fatigue of Park employees who frequently have covered search & rescue operations in the late evenings and are required to maintain Park facilities by early morning.
12. Inspected search and rescue equipment throughout the Park. Repaired one search & rescue evacuation litter.
13. Numerous blowdowns (trees) and overhanging limbs are removed from 50 miles of Park toteroad and 180 miles of trail. Danger trees are also removed near campsites in the Park.
14. Hike-in campsites were closed in the interior of Baxter State Park during high fire danger periods in July and August.
15. Bunkhouses, picnic shelters, tables, lean-to's, and footbridges are inspected annually for wood rot and deterioration. These are replaced as needed.
16. First aid stations at all campgrounds are inspected for supplies and resupplied as needed.
17. Propane lights and appliances are properly installed and inspected.
18. Canoes, boats and motors are inspected and maintained in good working order. All life jackets are inspected for serviceability.
19. Fire equipment, chainsaws, lawnmowers and other tools are inspected and left in good working order.
20. Stove and chimneys are annually cleaned and inspected.
21. Weather reports are taken daily and posted at campground bulletins to assist the public make camping and hiking decisions.
22. Park visitors are daily informed of hiking conditions on Mt. Katahdin.
23. Fire extinguishers were checked for serviceability and content.
24. Trail Crew personnel and new campground personnel received chainsaw safety training and orientation.

III PUBLIC RELATIONS

1. Park employees, especially Gatekeepers, Campground Rangers and the Togue Pond Information Officer, make contact with nearly 90,000 public users.
2. Field personnel assist the grateful public numerous times by shuttling hikers, delivering messages, jump-starting vehicles, pulling vehicles out of ditches, helping with flat tires, other vehicle problems, major and minor first aid and numerous other services.
3. Park staff assist in weekly campground talks at Daicey Pond and Kidney Pond.
4. Park personnel render public assistance to late and tire hikers and injured hikers and campers.
5. Park personnel informed the public, both orally and as written on campground bulletin boards, updates such as weather, climbing conditions and pertinent trail and safety information.
6. Park Rangers assisted numerous winter parties by packing ski trails, hauling winter gear and weakened/injured users.
7. Rangers and volunteers shuttled numerous campers into South Branch Pond on Memorial Day Weekend when the road was impassable to two-wheel drive vehicles.
8. Chief Ranger Chris Drew was involved in various speaking engagements in 1997. These include:
 - February 25, 1997 - East Millinocket Cub Scout Gold & Blue Banquet.
 - February 25, 1997 - Hitchborn Middle School, Howland, ME.
 - April 12, 1997 Woodland Wanderers Sled Club, Wilton, ME.
 - April 19, 1997 - Maine Bowhunters Assoc., Brewer, ME.
 - August 20, 1997 - Kidney Pond Camps.

IV TRAINING

1. Three winter search and rescue training exercises were held at Chimney Pond in February and March.
2. Training in the new evaluation procedures was given to Park Supervisory staff - April 22, 1997 by Employee Relations personnel.
3. Training by Employees Relations personnel was given to Park employees concerning sexual harassment in the workplace on April 23, 1997.
4. On June 11-12, SOLO first aid course was given to Trail Crew personnel and new campground personnel.
5. All new employees receive information on duties, safety and expectation by their Supervisors on their first day of work.
6. Park Ranger II Robert Howes instructed SFMA logging crews and Forest Technician Mac Browning on the use of a solar powered battery system.

7. Jensen Bissell, Jean Hoekwater and Chris Drew attended a wilderness training seminar at Camp Dodge in the White Mountains of Vermont on September 16-19, 1997.

V SEARCH AND RESCUE

There were two fatalities in Baxter State Park in 1997. One July 30, Philip Duvall of Richmond, VA, drowned on Nesowadnehunk Stream at the lip of Little Niagra Falls. Two days later on August 1, David Graves of Kensington, MD had a fatal heart attack at Daicey Pond after just completing a climb on Mt. Katahdin.

Most search and rescue operations take place during the busy summer months. In 1997, various MESAR (Maine Search and Rescue Teams) assisted Baxter State Park in search & rescue operations by volunteering their time to cover emergencies on busy weekends. These teams were Lakes Region S&R, Lincoln S&R, Mahoosuc S&R and Wilderness Rescue Teams.

The following listing gives a synopsis of search and rescue activities. Reports on major search and rescue operations are included in the appendix of this report.

Search and Rescue 1997

Sun. 2/9	Elizabeth Basin - Mt. Katahdin - foot injury
Mon. 3/3	Lois Aberlie party - Chimney Pond - ankle injury
Sat. 3/22	James Albert party - Chimney Pond - back injury
Sat. 6/14	Male age 17 - Abol Trail - ankle injury
Tues. 6/17	Camper at Daicey Pond - ankle injury
Thurs. 6/19	Male, age 28 - Chimney Pond - deep cut on right leg
Fri. 6/20	Male, age 64, Owl Trail - lost hiker
Tues. 6/24	Male, age 17, Nesowadnehunk Stream - cut right foot
Sat. 7/5	Female, age 44, AT near Niagra Falls - hand & wrist laceration
Tues. 7/22	Pat Lindsay, age 49, Chimney Pond trail - broken nose
Fri. 7/25	Lise Bishop, age 41, Saddle Trail - fractured right fibula
Sat. 7/12	Male, age 32, Russell Pond Trail - fractured ankle
Mon. 7/21	Daniel Burson, Togue Pond - heart disorder
Wed. 7/30	Philip Duvall, age 38, Nesowadnehunk Stream - drowning victim
Fri. 8/1	David Graves, age 47, Daicey Pond - fatal heart attack
Thurs. 8/7	Dan Anderson, North Traveler Mt. - hand lacerations
Thurs. 8/14	Camper, Russell Pond - camping injury
Mon. 8/18	17 year old camper, Trout Brook Mt. - severe wrist & thumb injury
Tues. 8/19	Male, mid 30's, Matagamon High Adventure Dock - foot, toe, laceration
Sat. 8/23	Female, age 3, Trout Brook Farm - bee sting
Sat. 9/6	Female, age 40, Chimney Pond Trail - exhaustion, vomiting
Mon. 9/15	75 year old hiker, Russell Pond Trail - knee injury

Sun. 9/28 David Jaworski, Chimney Notch - facial injuries
Fri. 11/21 Eric Lanseigne, age 23, T6R10 - SFMA - lost hunter

VI NEW CONSTRUCTION

1. A polebarn was constructed at Kidney Pond for storage of canoe, firewood, lumber and equipment.
2. The old generator shed at Kidney Pond was converted into a showerhouse and Trail Crew storage facility.
3. A new bunkhouse at South Branch Pond was finished and insulated for public use in summer and winter.
4. Three picnic shelters were constructed at Trout Brook Farm.
5. A new log lean-to was constructed at Russell Pond.
6. New offices were built upstairs at Millinocket Headquarters.
7. A large conference room (50 person capacity) was abutted to the Park Headquarters building.
8. The driveway and parking lot at Park Headquarters was covered with asphalt.
9. The new trail relocation from Hudson Brook to Trout Brook (10 miles) was cut out, blazed, painted and made ready for public use in July of 1997.
10. Two new handicap accessible toilets were constructed at Togue Pond and the Marston Trailhead.
11. Built and constructed 50 new picnic tables throughout the Park.
12. Built a new toilet to replace the old Campground Attendant facility at Katahdin Stream.
13. Installed solar panels for a 12 volt system and a 12 volt waterpump system at the Coffeelos logging camps and the Togue Pond Ranger cabin.
14. Constructed a rodent free storage bin at Togue Pond to house fire suppression equipment and Park equipment.
15. Built two picnic shelters at Foster Field and Abol Pond day use areas.
16. Completed footbridge across Abol Brook below outlet of Abol Pond for winter use access to Roaring Brook.

VII SPECIAL ACTIVITIES

1. A trail was broken out by snowmobile east along Webster Stream from the outlet and bog bridging material was moved along the Freeze-Out trail about 1/2 mile.
2. The old #2 lean-to at Russell was removed during the winter and #1 was removed during the summer.
3. A new prefabricated lean-to was transported by snowmobile to Hudson Pond from the road system.

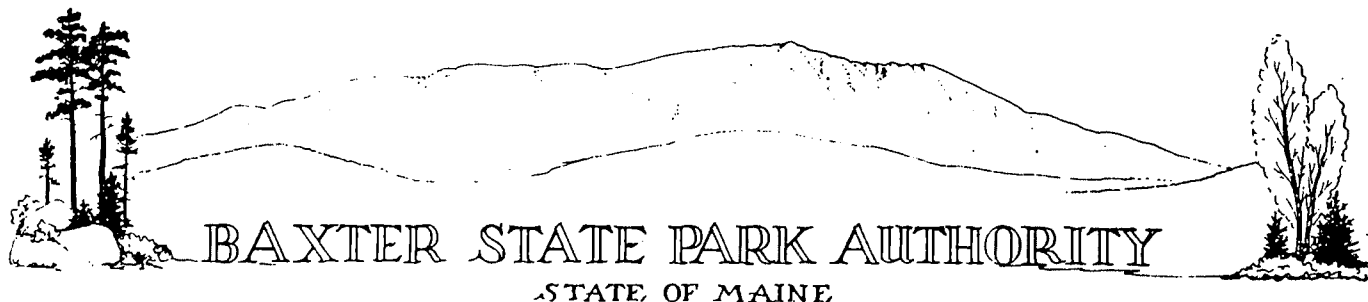
4. Firewood for use at Chimney Pond was hauled from Caribou Pit to Chimney Pond by snowmobile.
5. Four lean-to's at the Abol Scout area were relocated from the point to a more centralized location.
6. A shower system including a tank, hot water heater, stall, sink and drainage system was moved to Russell Pond and installed in the workshop by a volunteer and personnel.
7. Personnel were involved with interviews at the Millinocket office to obtain a list of applicants for seasonal openings.
8. Bog bridging material was transported from Nesowadnehunk Field to the Center Pond area by the 112th with loading assistance provided by Park Rangers.
9. Fifty picnic tables, 20 sawhorses, 4 staging horses, and 11 barricade horses were constructed or prefabbed and distributed to various campgrounds.
10. A corner post provided by Great Northern was moved to site location near the 4 corner townships at Traveler Pond.
11. Leftover construction debris was removed from the site location where the new lean-to was built at Center Pond.
12. More litter and trash of all types was removed from the Long Pond and Fowler country.
13. Clean up of the area around the Millinocket office took place after the winter snows melted.
14. The old woodshed was removed at Kidney Pond.
15. The creosote beams along the walkway at the Millinocket office were removed to make new construction of office addition more convenient and improve looks.
16. Much time was spent in the spring ditching and draining the perimeter road and the South Branch road to make the road passable to Park users.
17. The old bunkhouse at South Branch was removed to the debris facility at Nesowadnehunk Field.
18. The canoe dock at Celia and Jackson was removed.
19. An overhead deck and pole racks were installed in the new pole barn at Kidney Pond, and the old pole barn was removed and area loamed, seeded and mulched.
20. The Park continues its policy of replacing the noisy aluminum canoes with quieter green Discovery canoes with 3 canoes added to South Branch Pond.
21. A wheeler load of old used culverts were removed from along Park roads to the Medway DOT facility.
22. The relocation of the volunteer camp from Nesowadnehunk Field to Foster Field has provided housing for the extra Ranger hired for Kidney/Daicey.
23. The old road at Lower Katahdin Stream near Abol Bridge was blocked with rocks after the culverts that washed out were removed.
24. A township corner post south of Nesowadnehunk Lake was installed on the west line.
25. A second set of lumber racks was constructed at Trout Brook Farm to store lumber.
26. Temporary steel gates were installed at jct. of South Branch road perimeter road, Morse Mt. Pit, Katahdin lake road.

27. The gas building and the 500 gal. gasoline tank was removed from the garage area at Togue Pond.
28. The volunteer facility at McCarty Field was shingled.
29. Gravel was hauled to the new tentsite relocation at Abol Campground.
30. Insulated banking boards were constructed and installed around the crew camp at Trout Brook so that facilities can be used by volunteers during the hunting season.
31. The Roaring Brook road, Togue Pond road, and tote road to Daicey and Kidney Pond received roadside mowing using the bush hog.
32. The main culvert (3') between Upper and Lower Togue Pond was replaced.
33. A new foot/ski bridge was constructed on Abol Stream just downstream from Abol Pond.
34. The boundary lines are again being blazed and painted starting at the northwest corner post heading east along the north line. The terrain has changed with many small trees appearing in many areas, and the area north of the Park being cut since the last boundary remarking. With approximately 2-2 1/2 feet of snow, the corner post hole was dug and installed during late December.

VIII LAW ENFORCEMENT

Baxter State Park maintains a low profile law enforcement policy. Many more warnings are issued than summons given.

SUMMARY OF
CRIMINAL CASES



COURT OFFICER
Robert How

DATE 1977

*P-Physical
S-Summons
B-Bond

OFFICER	BDG NO.	RESPONDENT	DOB	ARREST*	OFFENSE	PLACE OF ARREST	COLL.	DISPOSITION	TIME
C. Kenney	59	Timothy Scan Dale	7/13/78		BSP #12	T6R8	50	Guilty	
C. Kenney	59	Timothy Scan Dale	7/13/78		BSP #7	T6R8	50	Guilty	
C. Kenney	59	Ryan West	12/28/72		BSP #28	T3R9	50	Guilty	
B. MacArthur	54	Chris Simkins	2/17/68		BSP #17	T3R9	50	Guilty	
B. MacArthur	54	John Chamberlain	10/8/63		BSP #17	T3R9	50	Guilty	
B. MacArthur	54	David Smail	7/7/63		BSP #17	T3R9	50	Guilty	
B. MacArthur	54	Michael West	11/6/54		BSP #17	T3R9	50	Guilty	
B. MacArthur	54	Barrie Arsenault	2/5/60		BSP #7	T3R9	50	Guilty	
L. Goode	57	Gary Cross	8/7/57		BSP #4	T6R10	50	Guilty	
R. Howes	53	Debra Anderson	8/4/68		BSP #4	T2R9	50	Guilty	
L. Goode	57	Todd Brodeur	6/26/63		BSP #7	T5R9	50	Guilty	
L. Goode	57	Robert Brodeur	9/29/35		BSP #7	T5R9	50	Guilty	
M. Browning	60	Tim Carlson	10/27/67		BSP #12	T3R10	NS		
L. Goode	57	Paul Sturtevant	9/1/54		BSP #21	T6R9	50	Guilty	
L. Goode	57	Calvin Webb	8/4/59		BSP #4	T5R8	50	Guilty	
C. Drew	51	Anthony Raymond	11/24/76		BSP #17	T3R9	50	Guilty	

IX MAINTENANCE

TRAIL REPORT -1997

Trail Supervisor -Lester C. Kenway
Trail Crew Leader -Nik Rogers
Trail Crew Leader -Alan Watson

SCA Resource Assistants:

Mark Baker, Suffolk, England
Brian Banton, Brunswick ME
Mac Cashin, Nyack NY
Ted Delesky, Youngstown OH
Amy Livingston, Gladbrook IA
Daniel McDonnell, Rensselaer Falls
Jason Reece, Hamilton OH
Kaisa Reinius, Helsinki Finland
Karen Shantz, Zelienople PA
Meredith Singer, Rockville MD
Kathy Spengler, Long Valley NJ

SCA Conservation Associates:

Deborah Hofford, Rochester NY
Paul Sannicandro, Unity ME
Emily Schieffer, Bedford TX
Mike Tremberth, Reading MA

STATISTICS:

Trail Supervisor:	Hours	Percent
Field Work:	1140	90%
Office:	56	4%
Support Services:	73	6%
Total	1269	100%

Hiking miles: 300.1 Service Truck mileage: 3133 mi.
 Suburban mileage: 2711 mi.

TOTAL HOURS SPENT ON TRAIL WORK - 111 VOLUNTEERS IN 1997.

Trail Supervisor	696
Trail Crew Leader (NR)	302
Trail Crew Leader (AW)	321
SCA Resource Assistants	3264
SCA Conservation Associates	1301
Acadia Trail Crew	120
Adirondack Mt. Club	160
AMC Bangor Area	80
AMC Service Trips	916
MATC	92
Math/Science School	280
PATH	225
Sierra Club	360
Individuals	262
Total	8379

1997 BAXTER STATE PARK TRAIL MAINTENANCE SUMMARY

TRAIL NAME	MILEAGE	REGION	INSPECTED (MI)	BLOWDOWNS CLEARED (MI)	BRUSH CLEARED (MI)	BLAZED PAINTED (MI)	WATER BARS CLEAR ED (NO.)
ABOL	2.8	SW	2.8	2.8			40
APPALACHIAN	5.1	SW	5.1	5.1			
APPALACHIAN (W BRANCH)	4.1	SW		4.1			
BARRELL RIDGE	0.3	N					
BOODY BROOK	1.0	N	1.0				
BURNT MT.	1.3	N	0.5	1.3	1.3		
CATHEDRAL	1.5	SE	1.5				
CATHEDRAL CUT-OFF	0.2	SE					
CELIA & JACKSON PONDS	1.3	SW		1.3			
CENTER RIDGE	2.1	N	2.1			2.1	
CHIMNEY POND	3.3	SE	3.3				85
DAICEY POND NATURE	0.7	SW		0.7			
DOUBLETOP MT.	7.9	SW		7.9			
DRAPER POND	0.2	SW		0.2			
DUDLEY	1.3	SE					
FIVE PONDS	6.3	N	6.3	6.3			
FOWLER BROOK	1.3	N		1.3			
FREEZEOUT	15.4	N	3.2	15.4			
GRAND FALLS	2.7	C					
GRASSY POND	1.3	SW		1.3			

HAMLIN PEAK CUT-OFF	0.2	SE					
HAMLIN RIDGE	1.5	SE	1.5				
HELON TAYLOR	3.2	SE	0.5	1.5			
HORSE MT.	1.4	N		1.4	1.4		
HOWE BROOK	2.0	N	0.2	2.0			
HUNT	5.2	SW	5.2	3.0			56
KIDNEY POND OUTLET	1.8	SW		1.8			
KNIFE EDGE	1.1	SE					
LEDGE FALLS	1.4	C					
LILY PAD POND	0.4	SW		0.4			
LITTLE ABOL FALLS	0.8	SW	0.7	0.7	0.8		6
LITTLE BEAVER POND	0.7	SW		0.7			
LITTLE ROCKY POND	0.1	SW		0.1			
LOOKOUT	1.3	C					
LOST POND	1.0	SW		1.0			
LOWER FOWLER POND	0.9	N	0.9	0.9			
MARSTON	3.8	SW		3.8			
MIDDLE FOWLER POND	5.5	N		5.5			
MT. COE	3.1	SW		3.1			
NORTH BASIN	1.2	SE	1.2	0.9	1.2	0.5	
NORTH BASIN CUT-OFF	0.7	SE	0.7	0.7	0.3	0.7	
NORTH PEAKS	5.7	C		3.0	0.2		
NORTH TRAVELER	2.7	N		0.6			
NORTHWEST BASIN	8.5	C	3.4	6.3	2.7	1.8	4
OJI LINK	0.5	SW					
OJI NORTH SLIDE	2.7	SW		2.7			
OJI SOUTH SLIDE	2.5	SW		2.5			
POGY NOTCH	9.6	C	1.5	9.6	1.5		
POLLY POND	0.9	SW					
ROCKY POND	0.6	SW		0.6			
RUSSELL POND	7.1	SE	7.1	7.1			
SADDLE	2.2	SE	2.2	0.5			32
SANDY STREAM POND	1.4	SE	1.4	1.4	0.7		
SENTINEL LINK	0.5	SW	0.5	0.5			
SENTINEL LOOP	0.6	SW					
SENTINEL MT.	3.2	SW	0.6	3.2			
SLAUGHTER POND	0.9	SW		0.9			
SOUTH BRANCH FALLS	0.5	N		0.5			
SOUTH BRANCH MT.	4.5	N		4.5			
SOUTH BROTHER	0.2	SW					
SOUTH TURNER MT.	1.3	SE	0.5	0.7			13
THE OWL	2.2	SW		1.7			
TROUT BROOK MT.	2.3	N		2.3	1.3		
WADLEIGH BROOK	10.5	N	8.1	10.5			
WASSATAQUOIK LAKE	14.3	C	9.6	14.3			
WASSATAQUOIK STREAM	3.9	C	3.9	3.9	3.4		
WINDEY PITCH POND	1.0	SW					
TOTALS	187.7		75.5	152.5	14.8	5.1	236

TREADWAY PROJECTS:

1. Chimney Pond Trail: 41 rock steps were used to replace severely decayed log steps that were built during the mid 1970's. This area is located a short distance above the Pamola Brook Crossing. The stone was placed in such a way as to elevate the tread one to two feet and significantly reduced the depth of the old gully.
2. Helon Taylor Trail: 31 rock waterbars were installed along the first 1/2 mi. section of the trail. Hopefully this will arrest the accelerated erosion of the footpath in this area.
3. Hunt Trail: 16 rock steps were placed above the previous work area near Katahdin Falls, and more rock was quarried to extend the steps further up the eroded slope. We have collected enough stone to build nearly 30 more steps in this area.
4. Saddle Trail: 15 steps and 1 waterbar were added just below the junction of Cathedral and Saddle trails. Coarse gravel soils are being rapidly eroded in this area. We have gathered about 1200 cubic feet of stone that will be used to add more steps and secure the soils at the edges of the trail.
5. Sandy Stream Pond: We replaced all of the remaining bridges that were built in the late 70's. 238 feet of cedar bog bridge was pieced in at many locations along the trail.
6. Sandy Stream Pond: 220 feet of gravel causeway was resurfaced with soil. The causeway had been damaged by cross drainage, so 2 new rock drain channels were added to the structure.
7. South Turner MT: 4 rock waterbars and 3 rock steps were added in strategic spots on the lower portion of the trail.
8. Wassataquoik Lake Trail: Repairs were made to a 200 ft portion of the trail near Little Nesowadnehunk Stream. A section of the slope collapsed, so the crew re-established the path through the area.
9. Wassataquoik Lake Trail: Progress was made on the boggy area south of Center Pond. 1265 ft. of cedar bog bridges was installed in 1997; 1735 more feet will be built in several areas along the trail both north and south of Center Pond in 1998.
10. Wassataquoik Lake Trail: 610 ft. of side hill trail was built in order to avoid a boggy area near the crossing of the South Branch of Trout Brook.

11. Wassataquoik Lake Trail: The footpath was completed west of Green Falls. The trail traversed a boulder strewn side slope. 225 ft of side hill trail was built, along with 16 rock steps, and 80 ft. of stone retaining wall.

BRIDGE PROJECTS

1. Abol Pond: A new 27 ft. bridge was built for the ski trail. The east end of the bridge features a ramp to enable skiers to descend to a sand bar.

DIVISION OF TRAIL CREW LABOR ACCORDING TO CATEGORIES:

Type of work	% of crew time
Alpine Restoration	6%
Bog Bridges	21%
Bridge Construction	9%
Clearing Blowdowns	12%
Clearing Brush	15%
Erosion Control	13%
Painting Blazes	1%
Signs	2%
Tread Improvements	14%
Waterbars	7%
	100%

Notes:

1. The total amount of hours dedicated to trail work increased by 27%, mostly due to the addition of 8 SCA internships. We have been very fortunate to have the additional help.
2. Crew Leaders Nik Rogers and Alan Watson did a fine job running their crews. Lots of quality work was accomplished under their direction. Their familiarity with park geography and operations was a tremendous help. They maintained a good attitude in dealing with the largely inexperienced group of SCA volunteers and took the time to impart many new skills to these people.
3. Special Thanks goes to Mike Tremberth, who returned as a Conservation Associate. Mike assumed a high level of responsibility and was instrumental in the smooth operation of crew based at Kidney Pond.
4. Due to the unexpected major project on the Abol Pond Ski Trail, we did not do any maintenance on the trail crew bunkhouses other than putting a new roof on the camp at Kidney Pond. We need to plan time for this in 1998.

Conclusion:

1998 has been a productive season, with only minor problems to irritate us. Now that most of the work related to the opening of the two Wassataquoik Lake Trail relocations has been completed, it should free the crew up to work in some other areas of the park. Thanks to everyone on the Park staff, and to the legions of volunteers who made for a good season this year.

Respectfully Submitted,

Lester C. Kenway
Trail Supervisor

ACADIA TRAIL CREW

Chris	Barter	Bar Harbor	ME	04609	ACADIA
Keith	Johnson	Bar Harbor	ME	04609	ACADIA
Peter	Coleman	Bar Harbor	ME	04609	ACADIA
ADK					
Adam	Gilbert	Lake Placid	NY	12946	ADK
Wes	Lampman	Lake Placid	NY	12946	ADK
Sarah	Heidenreich	Lake Placid	NY	12946	ADK
Joe	Young	Lake Placid	NY	12946	ADK

AMC BANGOR AREA

Don	Henderson	New York	NY	10011	BANAMC
Scotty	Folger	Orono	ME	04473	BANAMC
Cherrie	Conant	Shapleigh	ME	04076	BANAMC
Beth	Cuddy	Orono	ME	04473	BANAMC
Shirley	Ellis	Orono	ME	04468	BANAMC
Paul	Bortz	Shapleigh	ME	04076	BANAMC
Gearry	Judkins	Boothby	ME	04538	BANAMC
Harry	Cunningham	Orono	ME	04473	BANAMC

AMC SERVICE TRIPS

James	Cultrera	Dalton	MA	01226	AMC
Nick	Morgan	Lexington	MA	02173	AMC
Malcolm	Crawford		MA	02173	AMC
Anne	Crawford		MA	02173	AMC
Tom	Mitchell	Shrewsbury	MA	01545	AMC
Diane	McGarvey	Cranston	RI	02920	AMC
Sean	Barsky	Storrs	CT	06269	AMC
Rich	Matteson	Lynn	MA	01902	AMC
Tim	Levesque	Gorham	NH	03581	AMC
Hank	Wolfe	Watertown	MA	02172	AMC
Charles	Christie	N. Chatham	MA	02650	AMC
Judy	Hatch	Sunapee	NH	03782	AMC
Cindy	Bates	Boston	MA	02131	AMC
Wes	Tooke	Boston	MA	02030	AMC

Ginger	Ellsworth	Dover	MA	02030	AMC
Sarah	Katz	Auburn	MA	02030	AMC
Stephen L.	Crowe	Cherry Valley	MA	01611	AMC
John	Crowe	Worcester	MA	01602	AMC
Douglas	Dolan	S. Portland	ME	04210	AMC

MAINE SCIENCE/MATH SCHOOL

Jim	Laughner	Limestone	ME	04750	ME SCI/MATH
Alice	Bolstridge	Limestone	ME	04750	ME SCI/MATH
Peter	Carver	Limestone	ME	04750	ME SCI/MATH
Philip	Dostie	Limestone	ME	04750	ME SCI/MATH
Peter	Zawadskas	Limestone	ME	04750	ME SCI/MATH
Nick	Bergeron	Limestone	ME	04750	ME SCI/MATH
Heather	Gervais	Limestone	ME	04750	ME SCI/MATH
Elizabeth	Neal	Limestone	ME	04750	ME SCI/MATH
Jennica	Starrett	Limestone	ME	04750	ME SCI/MATH
Kate	McCarthy	Limestone	ME	04750	ME SCI/MATH
Alanna	Jordan	Limestone	ME	04750	ME SCI/MATH
Shawn	Sculley	Limestone	ME	04750	ME SCI/MATH
April	Ames	Limestone	ME	04750	ME SCI/MATH
Shannon	Fitzpatrick	Limestone	ME	04750	ME SCI/MATH

PATH

Pamela	Ebner	Methuen	MA	01844	PATH
Mary M.	Coleman	Brewer	ME	04412	PATH
Julie	Hagle	Ellsworth	ME	04605	PATH
Jim	Kadin	Ellsworth	ME	04605	PATH
Mary	Knowlton	Orono	ME	04473	PATH
Cheryl	Hathaway	Bangor	ME	04401	PATH
Dave	Gilbert	Hermon	ME	04401	PATH
Sue	Bodyke	Milford	ME	04401	PATH
Marjorie	Stratton	Hampden	ME	04444	PATH

SIERRA CLUB

Paul	Carver	Chatham	NJ	07928	SIERRA CLUB
Bente	Hannibal	York	PA	17406	SIERRA CLUB
Jim	Herther	Saint Paul	MN	55117	SIERRA CLUB
Larry	Kocher	Emeryville	CA	94698	SIERRA CLUB
Leonora	Kovacs	Clinton Corners	NY	12514	SIERRA CLUB
Elizabeth	Pidskalny	New Smyrna Beach	FL	32169	SIERRA CLUB
Mary M.	Work	Wallkill	NY	12589	SIERRA CLUB
Jeff	Knoop	South Bloomington	OH	43152	SIERRA CLUB
Kerry L.	Darkes	Columbus	OH	43221	SIERRA CLUB

INDIVIDUALS

Charles S.	Burwell	Dixmont	ME	04932	individual
Elsa J.	Sanborn	Bangor	ME	04402	individual
Frank	Trautmann	Rockport	ME	04856	individual
Richard	Aspinall	Durham	ME	04222	individual
Francis	Hanley	Gardiner	ME	04345	individual
Tina	Madore	Randolf	ME	04346	individual
John	Minot	Milford	ME	04461	individual
John	Colarusso	Lewiston	ME	04240	individual
Ricky J.	Daniel	Freeport	ME	04032	individual
Scott	Logan	Brunswick	ME	04011	individual

Cory	Logan	Brunswick	ME	04011	individual
INDIVIDUAL (LESS THAN 20 HRS)					
John Neff	& Co.				
Rick	Ste.Croix				
Allison	Scheiffer				
Paul	Richard				
Francine	Richard				

1997 ANNUAL REPORT OF PARK CARPENTER ALBERT RICKARDS

NEW CONSTRUCTION & MAINTENANCE PROJECTS

1. Repaired shop equipment as needed.
2. Installed bulletin board in Reservation Office.
3. Constructed new picture frames.
4. Constructed two walls for renovation of Jean's office.
5. Installed new hallway walls and paneled walls.
6. Moved Jean into her new office (desk, file cabinets, computer, etc.).
7. Moved Malcolm into his new office.
8. Installed new shelves in Business Manager's closet.
9. Installed new shelf bracket and new closet rod.
10. Installed new door in Betts' office.
11. Installed new work center in Jean's office.
12. Built "L" brackets for work center.
13. Shoveled snow off roof of Headquarters, Warehouse & Director's apartment porch as needed.
14. Blew snow from walkways & in front of doors at office buildings & maintenance facilities as needed.
15. Installed four new windows in woodshed and workshop at Matagamon Gate.
16. Installed new air conditioner covers at Headquarters building.
17. Installed new entrance door and frame in Mechanic shop.
18. Installed new lockset in Carpentry shop.
19. Repaired computer stand for Business Manager.
20. Changed knives on planer and adjusted planer.
21. Made two hardwood writing pads for business Manager.
22. Installed new lockset on door to 50 garage.
23. Repaired door opener in 50 garage.
24. Installed handicap railing on privy at Togue Pond beach.
25. Purchased two garden hose reels and mounted on new conference room addition.
26. Installed several handicap entrance signs on new conference room addition and pole barn.
27. Constructed new log picnic table shelter at Abol beach.
28. Installed window trim around windows at Katahdin Stream.
29. Installed new entrance door & frame in garage at Kidney Pond.

30. Installed room identification signs over office doors at Headquarters.
31. Cleaned up construction debris around conference room addition.
32. Installed door pull and door closure on privy at Togue Pond.
33. Shingled picnic shelter at Abol beach.
34. Cut hole through roof & installed skylight at Matagamom Gatehouse.
35. Installed air conditioner covers at Warehouse and Headquarters.
36. Cleaned out Headquarters building and moved out old computers, desks & junk.
37. Built frame work for skylight shaft, insulated walls, sheetrocked walls, installed joint tape & compound.
38. Constructed new handicap accessible privy at Togue Pond beach and replaced cement vault cover.
39. Installed 5/8" plywood over new floor in polebarn at Kidney Pond.
40. Repaired windows at Katahdin Stream.
41. Sawed canoe storage building into sections & loaded on to dump truck.
42. Made hand railing for handicap accessible outhouse at Slide Dam.
43. Cleaned out canoe storage building at Kidney Pond.
44. Tore down old lumber & canoe storage building at Kidney Pond.
45. Constructed second floor over two bays in pole barn at Kidney Pond.
46. Constructed two walls for wood storage bays in pole barn at Kidney Pond.
47. Completed weekly reports, monthly and annual report.
48. Shingled roof on Abol garage.
49. Constructed new handicap accessible privy at Slide Dam.
50. Installed cement, anchors in risers and fastened to floor at gatehouse privy.
51. Picked up supplies as needed at hardware in Millinocket.
52. Installed 6" x 6" x 18' hemlock beams to support walls in pole barn at Kidney Pond.
53. Built fold down table.
54. Helped Charlie install roof support brackets on shower house.
55. Built screen door for Foster Field ski camp.
56. Cut down hazardous trees at Kidney Pond and loaded firewood onto dump truck and cleared brush.
57. Built screen room in pole barn at Togue Pond.
58. Built screen door for screen room for Bob Howes.
59. Built a box to store portable table saw in.
60. Built podium at Togue Pond gate and built shelves for it.
61. Installed channel rustic pine siding on garage at Kidney Pond.
62. Installed trim boards around doors and windows on garage at Kidney Pond.
63. Stripped of old shingles and shingled roof on Bob's house at Togue Pond.
64. Cleaned interior and exterior of Park truck as needed.
65. Installed ridge vent on Togue Pond Ranger's camp.
66. Removed double unit outhouse from cement vault at Togue Pond beach.
67. Loaded outhouse onto trailer & hauled to Roaring Brook dump.
68. Constructed a handicap accessible privy for Togue Pond beach.
69. Constructed a handicap accessible privy for slide Dam.
70. Drilled & bolted cement blocks for lumber rack at Kidney Pond.

71. Replaced torn screens at Foster Field camp.
72. Reshingled part of roof on Foster Field camp.
73. Installed new screen door on Foster Field camp.
74. Installed new siding on shower house at Kidney Pond.
75. Installed plumbing for new shower house at Kidney Pond.
76. Cleaned out storage & Shower rooms at Kidney Pond.
77. Built new set of steps for camp at Foster Field.
78. Installed metalbestos chimney at Foster Field camp.
79. Installed lumber racks at Kidney Pond in pole barn.
80. Installed strapping on wall of garage at Kidney Pond.
81. Installed new chimney in Trail Crew camp at Kidney Pond.
82. Stripped off five layers of shingles from roof at Kidney Pond crew camp.
83. Shingled roof of Trail Crew camp at Kidney Pond.
84. Built screen door for camp.
85. Built fold-down table for Foster Field camp & installed.
86. Cleaned Togue Pond beach on a regular basis.
87. Mowed lawn at Visitor Center.
88. Built a box to cover batteries at Kidney Pond.
89. Helped jack up ski camp at Nesowadnehunk.
90. Covered windows and shingles to protect ski camp when moving it.
91. Helped put gravel around one of the lean-to's at Nesowadnehunk.
92. Cut blowdowns at different locations.
93. Worked on renovations of generator building to shower house at Kidney Pond.
94. Installed strapping on exterior walls of shower house.
95. Installed two ceiling vents in shower house.
96. Built two shower bays for shower house at Kidney Pond.
97. Made all metal trim molding for ceiling, doors and windows at shower house.
98. Built extension jambs for doors and windows.
99. Hooked up plumbing to septic system at shower house.
100. Cut and installed window and door trim at new shower house.
101. Built work bench for Trail Crew in storage area.
102. Hauled gravel from Abol Pit to Kidney Pond.
103. Plumbed two showers and two sink basin supply and drains.
104. Built two benches for shower house.
105. Completed monthly reports as required.
106. Installed metal siding on walls of shower house.
107. Bernard, Bob, Reggie and myself moved log cabin from Nesowadnehunk Field to Foster Field, blocked and jacked off trailer and lowered to ground.
108. Built floor platform for shower bays.
109. Installed shower rod, counter top, mirrors and all hardware in shower house at Kidney Pond Camps.
110. Constructed signs for Kidney and Daicey Ponds.
111. Installed a storage building at Headquarters for lawn and garden equipment.
112. Installed holders for rakes, shovels, brooms, etc.; installed dead bolt.
113. Built new shelves for Reservation Office.

114. Repaired broken tablesaw.
115. Installed new uniguard fence for tablesaw and built extension table for saw.
116. Built mobile base for tablesaw.
117. Installed doorbell at entrance of office.
118. Hauled old shingles to White Knight station in Oakfield.
119. Built & installed work centers in Myra and Jean's offices.
120. Shingled roof on cabin #5 at Kidney Pond; stripped roof on cabin #5, replaced rotten trim boards, applied new drip edge and capped roof.
121. Installed leach field drain system to shower house at Kidney Pond.
122. Installed water line, dug trench across road and removed concrete pad in front of shower house.
123. Installed 2x4 shapers and 3/4" plywood to new floor in shower room.
124. Built center partition between shower house room and storage room, strapped all walls and ceiling, installed 2x6 collar ties.
125. Built set of bunkbeds out of cedar for bunkroom at Headquarters.
126. Mounted display case in entryway at Headquarters.
127. Installed all new office signs at Headquarters.
128. Repaired rotten wall and replaced trim boards around door at Patten radio tower.
129. Built new signs that were changed at Headquarters.
130. Moved all file cabinets out of bunkroom into Business Manager's office and cleaned out conference room.
131. Cleaned shop bathroom on a regular basis.
132. Built a pine box around vent pipe in bunkroom.
133. Assembled two tables in Carpentry shop.
134. Hung picture frames, hung bulletin board, repaired Roxie's computer desk.
135. Built 19 trail registration boxes in Carpentry shop.
136. Applied joint compound in cracks and holes on walls of Headquarters.
137. Took off old metal roofing from wood storage building at garage.
138. Installed new metal roof on wood storage building and replaced rotten strapping.
139. Built book shelf for Jean Howes' office.
140. Installed wire molding over radio wires in Roxie's office.
141. Helped Bernard build stand for grinder, built cedar railing for bunkbed at Headquarters.
142. Moved truckload of computers over to rosemary's Warehouse.
143. Worked in Reservation office answering phones and mailing out information packets for seven days.
144. Assembled new chair for Joan in Reservation office.
145. Made shelves for closets in Roxie's office.
146. Moved Jean Howes' office upstairs.
147. Cut and installed paneling and trim in Reservation office.
148. Built new closet in Jean Hoekwater's office and installed shelving.

SPECIAL ACTIVITIES

1. Fall meeting at Kidney Pond 10/22/97.
2. SFMA tour 10/23/97.

3. Made reservations for campers and gave out information on camping, hiking and fishing at Kidney Pond.
4. Assisted in rescue at Niagara waterfalls 7/30/97.
5. Assisted campers with canoe rentals and questions.
6. Performance management and sexual harassment meeting 4/22/97.
7. Went to Houlton State Police Station to have radio repaired.
8. Went to Chimney Pond to cover for 51.
9. Spring meeting 6/18/97.

**BAXTER STATE PARK ANNUAL REPORT
MAINTENANCE DIVISION - AUTOMOTIVE MECHANIC
Timothy Sides**

Month/Year	January - December 1997
Person Reporting	Timothy C. Sides
Date Submitted	January 15, 1998

	<u>Hours Worked:</u>
Shop	Hours 1,494
Office	Hours 62
Field	Hours 292
Meetings	<u>Hours 11</u>
	Hours 1,859

VEHICLE/EQUIPMENT INFORMATION

Battery Replacement/Recharge	No.	7 - new
Body Repair/Painting	No.	35
Brake Repair	No.	13
Canoe/Boat Repair	No.	-
Chain Saw Repair	No.	5
Clutch Repair	No.	-
Electrical Repair	No.	37
Exhaust System Repair	No.	11
Front End Repair	No.	15
Generator Repair	No.	1
Motor Repair (include. valves)	No.	-
New Tires installed	No.	31
Outboard Repair	No.	-
Rear End Repair	No.	2
Road calls for Park equipment	No.	7

Snowsled Repair	No.	11
State Vehicle Inspections	No.	28
Tires repaired	No.	12
Tune ups	No.	14
Universal Joint Repair	No.	4
Vehicles Serviced (grease, oil)	No.	117
Waterpump repair	No.	-
Window Replacement	No.	4
Pressure washed	No.	-

January

1. Plowed and sanded grounds January 3, 6, 10, 17, 23, 28, 31.
2. Shuttled vehicle #13 from Abol Bridge to Millinocket on January 9.
3. Fabricated two sled holddown rods on the double sled trailer January 24.
4. Loaded Russell Pond requisitions and delivered to Patten on January 30.

February

1. Plowed and sanded grounds on February 3, 5, 6 and 28.
2. Mounted and wired two stop and tail lights on back of plow truck on February 12.
3. Replaced rear bumper on vehicle #12 on February 21.

March

1. Hauled salt sand from Medway DOT.
2. Sanded at Headquarters facilities March 3, 4, 12, 17.
3. Plowed snow at Headquarters facilities March 6, 7, 11, 17, 26.
4. Replaced tractor pole and coupler on unit #949-003.

April

1. Replaced Nesowadnehunk fuel tank wobble pump and filler on April 2.
2. Hauled supplies by snowsled to Chimney Pond April 3.
3. Helped move lean-to's by sled at Abol Scout Area on April 8.
4. Removed snow with bucket loader #7002 April 18.
5. Removed plow and sander and pressure washed plow truck on April 22.

May

1. Shuttled backhoe from Togue Pond to Millinocket.
2. Hauled three loads of gravel from conference room construction area to Millinocket dump on May 12.
3. Hauled one load of old hot top to Medway DOT on May 13.

June

1. Hauled five loads of gravel from Medway DOT to conference room construction site on June 3.
2. Mounted brackets for hanging flower pots at Millinocket Headquarters front entrance on June 6.
3. Hauled 24 cement pads at Goding Cement and put in polebarn on June 9.
4. Hauled three loads of gravel fill from Sherman Lumber road to Park Director's house on June 10.
5. Hauled one load of screened loam from Patten to Director's house on June 12.
6. Made Three Montana style firepans on June 19.

7. Hung entrance sign at Headquarters on June 23.
8. Welded top and bottom plates for Lolly Columns for new conference room on June 25.
9. Welded Lolly Columns to the conference room beams on May 26.
10. Moved vehicles and cleaned out fence area for Bangor Hydro tree trim crew.

July

1. Hauled gravel from Tracey Pit to Daicey Pond road on July 1.
2. Hauled gravel from Tracey Pit to Daicey Pond and Kidney Pond roads on July 2.
3. Readied two new trucks for BSP use July 3 and July 8.
4. Serviced vehicle #7002 at Tracey Pit on July 11.
5. Serviced old vehicles #19 and #6 for auction on July 15 and 16.
6. Shuttled vehicle #19 to Surplus Property in Augusta on July 18.
7. Serviced vehicle #13 for trade-in at Lincoln Motors on July 21.
8. Serviced replacement vehicle #13 for field use on July 23.
9. Hauled four loads to Millinocket dump on July 25 and July 28.

August

1. Traveled to Black Brook road to repair vehicle #7001 on August 8.
2. Traveled to Nesowadnehunk Field to repair vehicle #4004 on August 8 and 13.
3. Loaded truck and trailer with auction items on August 14.
4. Hauled truck and trailer loaded with surplus items to Augusta on August 15.
Picked up supplies on the return trip.
5. Serviced vehicle #9 at Trout Brook Farm on August 20.
6. Shuttled 12-person van from Augusta to Millinocket on August 26.

September

1. Installed transfer pump for diesel fuel for mowing tractor on September 3.
2. Hauled two loads of loam from Crystal to Millinocket on September 16 and 23.
3. Backfilled loam to new hot top driveway at Millinocket Headquarters.
4. Serviced vehicle #7001 on Roaring Brook road.

October

1. Hauled truckload of loam from Millinocket to Kidney Pond on October 2.
2. Serviced (welding repair) vehicle #7001 on Roaring Brook road on October 6.
3. Assembled chair rack and table holding cart at conference room.
4. Worked on garage woodpile October 17.
5. Made repairs on rock rake on October 20, 22, 29.
6. Repaired vehicle #7001 at Togue Pond October 21.
7. Helped clean out upstairs rooms at Headquarters on October 28.
8. Installed 55 gallon drum of snowsled injection oil with pump at garage October 31.

November

1. Mounted sander and plow on plow truck on November 3.
2. Replaced transmission in vehicle #23 on November 12 and 13.
3. Cleaned up woodpile area on November 17.
4. Shuttled Park vehicles from Matagamon to Millinocket on November 18 and 21.

December

1. Plowed grounds December 2 and 30.
2. Sanded grounds on December 17, 30 and 31.

3. Hauled steel grating from Medway DOT to Millinocket.
4. Fired Togue Pond cabins December 22, 23 and 24.
5. Hauled salt sand from Medway DOT to Millinocket on December 30.

REGION I CAMPGROUND AND PARK RANGER MAINTENANCE REPORT

Barry MacArthur, Thomas Chase, Loren Goode, Charlie Kenney

TOGUE POND - (Gatekeepers Dianne Freelove, Jennifer Hall, Wendy Roberts, Mark Varney, John Doe, Joanna Thorpe)

1. Daily maintenance includes cleaning toilets in the immediate area, posting weather and trail information, receiving the latest vacancy information and processing Park statutes.
2. Signs are stained and lettered.
3. The toilet was scraped and stained.
4. Lawns were trimmed and mowed.
5. Calcium was thinly spread in the gate area to alleviate road dust buildup.
6. Mountain View Camp was scraped and stained.
7. The gate system was closed and all information material was stored for the winter.
8. Some interesting information:

Month	Vehicles	People	Plates	Class Days
May	929	1773	26-states	16 - IV's
June	3640	8267	43-states	1 - II's
			8-countries	21 - III's
			6-provinces	8 - IV's
July	6343	16781	47-states	12 - I's
			25-countries	18 - II's
			7-provinces	1 - III's
August	7470	19802	48-states	5 - I's
			27-countries	16 - II's
			8-provinces	
September	4581	10079	48-states	4 - I's
			30-countries	21 - II's
			8-provinces	5 - III's
October	2349	5828	48-states	3 - I's
			34-countries	10 - II's
			8-provinces	5 - IV's
Totals	25312	62530		

MATAGAMON GATE - (Gatekeepers Dana Miller, Phil Hill, Ted Hansen)

1. Opening includes getting books ready, information placed, inventories stored, toilets cleaned, water started, and personnel facilities cleaned and painted.
2. Lawn mower is serviced and lawns at the gate and landing mowed and litter removed as needed.
3. Signs and posts are stained and signs lettered.
4. Assistance is given to Trout Brook Farm as needed.
5. Stained the north side of gatehouse, the gate and the toilet and covered shelter at the landing.
6. Cut, split and hauled 1 cord of firewood for gate use.
7. Assisted with pumpout of septic tank and toilet vault and cleaned these after pumping.
8. Assisted putting in opening skylight in gatehouse.
9. Put two used windows in workshop and woodshed.
10. Statistics 1997:

Month	Vehicles	People
May	420	560
June	858	1522
July	1741	3587
August	1852	3773
September	837	1544
October	637	1174
November	156	379

CHIMNEY POND - (Alpine Ranger Stewart Guay)

1. Winter maintenance of totesled and snowmobiles for use. Search and rescue equipment is checked over to be sure all is ready.
2. Winter reservations are properly logged in the Chimney Pond reservation book and kept current.
3. Much time is spent in preparing the Chimney Pond Trail for sled use, foot traffic and search and rescue access.
4. The trail to Sandy Stream Pond was maintained to allow bog-bridging material to be hauled in to be installed during the summer on footpaths.
5. Solar panels are cleaned of snow, toilets are cleaned, and buildings are shoveled off as needed.
6. Minor repairs are made to facilities due to public use during the harsh cold conditions.
7. Chimneys are carefully monitored and cleaned as needed.
8. Empty propane cylinders are removed by snowmobile and full cylinders hauled from Roaring Brook to Chimney.

9. Summer trash is removed for roadside collection at Roaring Brook Campground.
10. Approximately 6 cord of firewood is hauled to Chimney Pond for use by the public and personnel during the winter.
11. Snow was shoveled off CRI building at Roaring Brook.
12. Supplies and requisitions were hauled to Chimney to be used the next summer by Rangers and the Trail Crew.
13. Peat moss and bark is hauled for waste composting from Roaring Brook to Chimney Pond.
14. Propane stoves were installed in CRI and crew camps.
15. Moved all firewood from woodshed into CRI workshop.
16. Installed heat shield behind stove in bunkhouse.
17. Installed new outside high/low temperature box.
18. Assisted at Abol Scout area moving 4 lean-to's from the peninsula point to centralized location.
19. Assisted sanding and plowing in Millinocket office and maintenance facilities.

ROARING BROOK - (CRI Stewart Guay, CA Heather Lee)

1. Annual spring opening includes cleaning camps, hooking up waterline, cleaning stoves and scrubbing walls and floors.
2. The toilets were cleaned and painted, sites were raked and fireplaces cleaned and repaired.
3. The shop area was cleaned and trash removed that had accumulated during the winter from Chimney Pond.
4. A new wood stove was installed in the crew camp.
5. Firewood that is transported to Chimney Pond during the winter was cut up, split and hauled from Togue Pond to Roaring Brook.
6. Maintenance of Togue Pond beach was shared with campgrounds on the west side of the mountain.
7. Firewood for sale to campers was hauled from Abol pit to Roaring Brook on an as-needed basis.
8. Sign posts were stained and replaced as needed.
9. Blowdowns were removed from the immediate trails including the nature trail.
10. Drainage ditches in the campground were cleared of debris.
11. Dirt and debris were removed around lean-to and building sills.
12. Planted trees around walkway and along road of front lawn of CRI facility.
13. Retaining walls were replaced or rebuilt for lean-to parking areas.
14. Rebuilt railing and stairs to mouse proof storage room over garage.
15. Rebuilt railing to upstairs attic in CRI facility.
16. Graveled ramps to outhouses in campgrounds.
17. Built new bulletin board near office.
18. Serviced lawnmower and mowed campground and day use areas when required.
19. Assembled 5 picnic tables and removed old ones.
20. Replaced broken boards in attic of CRI.
21. Continued defining pathways in campground lining with rocks and graveling.

22. Installed new countertop in bunkhouse.
23. Blazed and painted nature trail blue.
24. Rocked and graveled back step and propane areas CRI quarters.
25. Established and built a new fireplace to be used by bunkhouse visitors.
26. Assisted with blowdowns and rock removal along the tote road to Togue Pond.
27. The front porch was leveled and blocked up.
28. The stove pipe was replaced in the CRI quarters.
29. An ash pan was installed in the Rum Mt. wood disposal area to prevent hot ash from starting fires.
30. Assisted ditching and draining of roaring Brook road.
31. Installed new shelving in office area for handouts.
32. Floors in lean-to's 2, 5, 6, 7, 8 were repaired or replaced.
33. Kindling and firewood was prepared for Roaring Brook personnel use.
34. Leaks in chimney areas of CRI cabin and bunkhouse were fixed.
35. All lean-to's and the CRI facility was scraped and stained.
36. Outhouses and lean-to's at Avalanche Field were stained.

CHIMNEY POND - (CRI Greg Hamer, CA Frank Taylor)

1. Assisted at Roaring Brook cutting firewood for Chimney Pond to be hauled during the next winter.
2. Cut up and stored firewood that had been hauled the previous winter from Roaring Brook.
3. Shoveled out and composted toilet waste from the previous winter.
4. Stained fireshed at Chimney Pond.
5. Assisted with construction of lean-to #1 at Russell Pond.
6. Assisted painting bunkhouse ceiling at Russell Pond.
7. Shingled lean-to's 2, 6, 7 at Chimney Pond.
8. Replaced 7 windows in CRI facility.
9. Constructed search and rescue equipment storage area in the spare room.
10. Jacked up, leveled, blocked shop and built steps.
11. Assisted Trail Crew with rock step placement on Saddle Trail.
12. Continued establishing trail use patterns in campground by placing rocks and gravel.
13. Painted floors in office, kitchen and living room in CRI cabin.
14. Repaired screens, windows and doors.
15. Processed and stored firewood for bunkhouse for winter.
16. Cut and removed blowdowns to 1/2-way rock on the Chimney Pond Trail, Cathedral Trail, Pamola Caves, Saddle Trail, Hamlin Trail, Northwest Basin Trail and Dudley Trail.
17. Tested and checked over fire equipment.
18. Painted flagpole and floor in crew camp.
19. Painted or polyurethaned inside of toilets as required.
20. replaced propane regulator for office.
21. Stained front porch on office.

22. Changed oil and serviced small 1750w generator.
23. Checked over and serviced propane appliances and lights.
24. Brushed campground trails as necessary.
25. Jacked up, leveled and blocked lean-to #6.
26. Rip-rapped east shore of Chimney Pond to prevent erosion.
27. Continued working on and replacing the old water line.
28. Stained and lettered or replaced campground signs.
29. Assisted Trail Crew on mountain to move and place rocks.
30. Repaired or replaced broken shingles on shop and CRI cabin.
31. Braced up floor of lean-to #8.
32. Boxed unusable firehose and other unusable material to be hauled out during the winter months.
33. Replaced steps on the crew camp.
34. Shoveled and composted approximately 2500 pounds of human waste.

DAICEY POND - (CRI Gabriel Williamson, Marcia Williamson, Sara McBride, Joanna Thorpe)

1. All camps were opened for the spring with cleaning, scrubbing, removing ashes, cleaning windows, cleaning toilets and repairing winter damages.
2. Floors were painted in cabins 2, 4, 10, 11 and the floor in the Ranger's cabin.
3. Cut and removed blowdowns in the campground, on the road and on the "AT" to Niagara Falls on Nesowadnehunk Stream.
4. The closet in the Ranger's cabin was rebuilt.
5. The toolshed/workshop was cleaned and organized.
6. Propane lights in the cabins were serviced and cleaned.
7. Porch steps, picnic tables, bumper logs, sign posts, signs, AT shelter benches, toilets and the door to the toolshed were all stained.
8. The steps on 2, 6 and 8 were repaired.
9. Oakum was placed between logs in cabin #4 and the new Ranger facility at foster Field.
10. Snow was removed from pathways due to a late spring.
11. New mattresses were added and the old recycled.
12. Firewood for camper use was loaded into the woodshed.
13. New signs naming cabins were properly placed.
14. The windows in the Ranger's cabin were reglazed.
15. The stove in cabin #9 was repaired and stovepipe in cabin #5 was replaced.
16. Assembled and reviewed first aid supplies.
17. The picnic table and the volunteer cabin were stained.
18. Serviced lawn mower and mowed as needed.
19. New picnic tables were assembled and stained and old ones removed to the debris at Nesowadnehunk Field.
20. Firewood for camper use was hauled to the woodshed.
21. The CRI Ranger cabin was scraped and stained.

22. Propane tanks providing gas lights were hauled to Daicey Pond from Millinocket and installed on cabins as needed.
23. Shelving was installed in the toolshed.
24. Kindling wood was cut, split and hauled for campers.
25. Assisted removing rocks from road after grading.
26. Door and window trim was painted on the Ranger's camp and library.
27. The waterbars on Daicey Pond hill were cleaned out.
28. New wood frames for screens were built for office.
29. Applied joint compound to ceiling of Ranger station.
30. The Chimney in CRI was painted.
31. Waste from toilets was shoveled out and properly buried.
32. Pathways to cabins were brushed out.
33. Skid plates were installed on Discovery canoes.
34. A firepan was installed near cabin #5.
35. New straps were installed on the search and rescue litter and backboard.
36. A new platform was installed for entry to toolshed.
37. A gaff and buoy were added to the rescue boat.
38. A table was constructed for the Foster Field Ranger cabin.
39. New screens were built and installed in the Foster Field Ranger cabin.
40. New Yodul wood stoves were added to #4, 5, and 11.
41. Assisted with delivery of firewood from Daicey Pond to Kidney Pond using the small dump truck.
42. Assisted with vault waste removal by adding water to vault prior to pumpout and cleaning up after pumpout.
43. Minor roof leaks were tarred as needed.
44. Firewood for personnel was cut, split and hauled.
45. Inventory was maintained and requisitions were completed.
46. The threshold at the gas shed was repaired.
47. Firepits 1-11 were regraveled.
48. The campground and workstation areas were raked and cleaned several times as needed.
49. Shingles for a spring project were hauled from Millinocket and stored for early spring use.
50. Cabin #10 was jacked, leveled and blocked up.
51. Cabins were winterized, canoes, paddles and life preservers were stored, water pumps and the waterline drained, and trash and recyclables properly disposed of.
52. Cabins #4 and 5 were readied for winter use.

KIDNEY POND - (CRI Jodi Tollett-Browning, Neil Sleeper, Joanna Thorpe)

1. The cabins were opened, cleaned and repairs made from winter damage and use.
2. A new Kidney Pond entrance sign was installed.
3. New gate signs were installed at campground checkpoints.
4. Cabin #5 was stripped of shingles and new shingles put on, the old shingles taken to Nesowadnehunk Field shingle bin.

5. The office was organized with the proper informational material placed for public access.
6. The porch and steps were painted on the office, cabin #7, back steps to CRI, and the front and back steps to the volunteer facility.
7. Trim was painted on the outhouse in day use area.
8. The old woodshed was torn down and removed and the area seeded down and mulched.
9. Installed a new Kidney Pond sign at the "Y" in the road.
10. A nail bin in the workshop was constructed and installed.
11. The volunteer camp was scraped and stained.
12. Sign and signs were scraped and stained.
13. New beds were placed in cabins 1, 9, 12.
14. Lawn mowers were serviced and lawns mowed as needed.
15. The dock at Celia & Jackson was removed.
16. Temporary signs to Doubletop-Deer Pond loop trail posted.
17. A new firepan was installed at cabin #1.
18. The workshop was scraped and stained.
19. New pole racks were installed in the new polebarn.
20. The old generator building was converted into a shower facility for personnel and volunteers and proper drainage system installed.
21. Six cords of firewood was hauled and stacked in woodshed.
22. The well cover between 2 and 3 was placed with cement tile.
23. Assistance was given building the upper deck in polebarn.
24. The old pole barn at entrance was torn down and hauled to Nesowadnehunk and the grounds were loamed, seeded and mulched.
25. The waterheater on the CRI cabin was boxed in.
26. A new door was installed in the garage/workshop.
27. A new sink was installed in Wassau.
28. A door was installed in the Trail Crew cabin.
29. Two new Yodul stoves were installed in #7 and 10.
30. A gas light was installed in the showerhouse.
31. A window was installed in CRI cabin and trim put on.

TROUT BROOK FARM - (CRI Jonathan Milne)

1. All the old hay was removed from around the crew camp/bunkhouse and used for mulch in other areas.
2. The personnel and volunteer facilities were cleaned and washed and floors painted.
3. Repaired screens damaged over the winter month.
4. The public display on the porch was reorganized.
5. Blowdowns were removed from area trails and the campground sites.
6. Gravel was spread around tentsites 18, 19 and the new covered shelters.
7. The lawnmowers were serviced and grass mowed in all areas as required.
8. Fire rings were inspected and steps taken to assure safe.
9. Sign posts were stained and lettered.

10. All new shelters were stained.
11. Assistance was rendered removing the old bunkhouse at South Branch Pond.
12. Inventories were made and requisitions completed.
13. Additional covered shelter areas were scouted out.
14. Back-country patrols were made to the five ponds area in the Fowler Ponds area.
15. An inventory of fire equipment was completed and appropriate signage was placed in areas restricted by the fire ban.
16. A new rock retaining wall was placed at tentsite 18, 19.
17. Assistance was given to cleaning fireplaces, sites and toilets on the sites located on Matagamon Lake.
18. Fireplace ash was hauled to and firewood removed from the Telos debris area and McCarty Field wood storage area.
19. Twelve new picnic tables were built and stained and old ones destroyed and hauled to the Telos burn area.
20. Propane appliances were serviced and cleaned.
21. Screening fences were placed appropriately at outhouses.
22. The door at McCarty Field was repaired.
23. Rehabilitation and tree transplanting took place at tentsites 17, 18, 20, 25, 27, 18.
24. Covers were built over faucets on buildings.
25. The door on the Horse Mountain tower was barred shut.
26. A new picnic table was placed at the K.P. Dam site.
27. The woodpecker damage to the south side of the crew camp was repaired/replaced and stained.
28. Wood for personnel was cut, split and stacked.
29. Assistance was given shingling the volunteer facility at McCarty Field.
30. Assisted installing ridge vent on bunkhouse south Branch Pond.
31. Assisted coverage South Branch and Russell Ponds during CRI regular days off.
32. Life preservers, paddles and canoes were secured winter.
33. Assist placing gate at mouth of South Branch road.
34. Picked up cedar for new shelter projects 1998.
35. Installed cement pads for lumber racks in pole barn.

RUSSELL POND - (CRI Brendan Curran, CA Christian McGinn, Dan Randall)

1. Checked area and campground facilities for winter damage.
2. Prepared and cleaned all sites and toilets for season.
3. Checked over and put out all lifevests, paddles and canoes at Russell Pond, Deep Pond, Six Ponds, Wassataquoik Lake, and Pogy Ponds.
4. Set and secured logs over Turner Stream for the season crossing.
5. Cleared blowdowns from the area trail systems.
6. Painted bunkhouse floor and ceiling.
7. Built new whole 2-sided log lean-to replacing old #1.
8. Cut up and removed old lean-to #1.
9. Installed hanging pegs and shelves and stained new lean-to's #1 and #2.
10. Removed blowdown from and leveled toilet for CRI cabin.

11. Checked over and cleaned refrigerator vent stacks and stove appliances, and cleaned propane lights.
12. Stained, lettered and replaced area signs as needed.
13. Jacked, leveled and replaced main girt beam in workshop.
14. Completed weekly and monthly financial reports.
15. Checked and cleaned outlying campsites at Wassataquoik Stream, Wassataquoik Lake, Little Wassataquoik Lake and Pogy Pond periodically.
16. Painted floors and stained outside of toilets.
17. Dug out and hauled gravel to lean-to #1 firepit.
18. Repaired canoe rack and leveled dock at CRI cabin.
19. Cut up, split and pulled nails from old lean-to #1 and piled it to be used as camper firewood.
20. Cut brush along trail at Davis Pond.
21. Cut and brushed area around CRI heliport.
22. Removed shelves, workbench and loft stairs in workshop to make room for new shower system.
23. Installed new tank, shower, water heater and infiltration chambers in workshop to be used by personnel and volunteers.
24. Cut up and removed fallen spruce from woodshed.
25. Continued mulching toilet waste and removed to appropriate area for composting.
26. Serviced and repaired chain saws and firepump as needed.
27. Jacked up and leveled and replaced three rotten posts CRI facility.
28. Replaced signs and posts at jct. of Northwest Basin and North Peaks trail that had been chewed by a bear.
29. Removed and replaced some log siding on the CRI.
30. Replaced and repaired several sections of ankle-knocker bridge.
31. Cut brush on trails near Inscription Rock.
32. Installed mouse-proof trim around bunkhouse chimney.
33. Replaced signs posted at jct. Grand Falls Wassataquoik lean-to's, jct. Look-Out Grand Falls, start of Wassataquoik lake trail, and jct. Wassataquoik Stream and Russell Pond trail.
34. Installed and painted threshold to door of bunkhouse.
35. Burned paper materials in burn barrel.
36. Completed inventory and requisitioned for next year.
37. Dug and hauled gravel for new tent platform for site #18.
38. Replaced water intake box in spring that feeds Ranger facilities.
39. Installed water level gauge for tank in shower facility.
40. Dried lots of gear and clothing for campers during Sept.
41. Scouted out possible new trail relocation from Little Wassataquoik Lake lean-to west.
42. Disassembled shelving and desk in the crew camp.
43. Cleared blowdowns on old Mullen Brook road using volunteers.
44. Checked and serviced batteries in solar-powered system.
45. Stored canoes in workshop for winter and secured canoes at outlying sites.
46. Removed seasonal logs from Turner bridge and secured.

47. Drained water systems normally drained, and secured facilities for winter.

SOUTH BRANCH POND - (CRI Keith Smith, CA Dan Anderson)

1. Cut down, cut up and removed blowdowns from perimeter road and campground.
2. Because of late spring and no early access to South Branch, time was spent on road work and Trout Brook Campground.
3. Prepared new bunkhouse floor; sanding and painting.
4. Raked all sites at South Branch and cleaned toilets and fireplaces.
5. Prepared grounds around the new bunkhouse by removing construction debris, hauling loam and gravel, preparing a fireplace and raking and seeding down.
6. Hooked up waterline and repaired leaks.
7. Checked canoes, paddles and life preservers and placed them appropriately for public use.
8. Serviced outboard motors and prepared boats for use.
9. Rebuilt front platforms on lean-to's 1, 2, 3.
10. Stained interiors of lean-to's 1-8.
11. Repaired screens and doors in toilets and bunkhouse.
13. Polyurethaned walls, ceilings tables and benches in the new bunkhouse.
14. Prepared toilet vaults for pumping adding water and cleaning up after pumpout.
15. Worked with Dead River propane repairman servicing appliances and cleaning.
16. Hung pegs and coat racks in new bunkhouse.
17. Launched docks and swim floats for public use.
18. Loamed, seeded and mulched sites 8, 18, 19.
19. Stained and/or replaced sign posts in campground.
20. Disassembled windows and doors in bunkhouse and removed the old bunkhouse to Telos debris area.
21. Picked up cedar logs, peeled and hauled to South Branch to be used for repairs.
22. Excavated for parking area behind lean-to's 9 and 10 and stained the lean-to's.
23. Prepared and moved bog bridging material to Pogy trail.
24. Removed old blocking and blocks from old bunkhouse site and graveled or loamed.
25. Transplanted trees in areas in campground to facilitate erosion control or excessive wear.
26. Serviced lawn mower and mowed at South Branch, South Branch crossing, Burnt Mountain and McCarty Field.
27. Installed hiker registration box at new Wadleigh Trail.
28. Posted and removed "kindle no fire" signage during restricted times.
29. Checked and tested fire equipment.
30. Stained posts and table at Burnt Mountain picnic area.
31. Stained posts and table at South Branch Crossing.
32. Continued rock work in pathways and sites.
33. Trimmed out path to water between site 10 and Pogy trail.
34. Stained and painted new door to CRI cabin.

35. Patrolled five ponds in Fowler Pond area removing litter, cleaning toilets, fireplaces and providing information to the public.
36. Continued sheathing behind stove in CRI cabin.
37. Removed 3 trees from South Branch CRI to provide for solar power needs.
38. Hauled loam from Nesowadnehunk Field to be used to seed down former old bunkhouse site.
39. Split and stacked 1 1/2 cord firewood for personnel use.
40. Hauled firewood for resale from McCarty Field.
41. Leveled lean-to at Upper South Branch, shoveled out privy and stained the buildings.
42. Leveled, blocked and stained boat storage shed at Upper South Branch Pond.
43. Stained new bunkhouse and painted trim.
44. Repaired and reshingled lean-to's 1, 2, 9.
45. Removed blowdowns from trails near campground area.
46. Replaced the wood stove in the new bunkhouse.
47. Hauled bundled firewood for resale from McCarty Field in the fall to be stored for use during the spring of 1998.
48. Installed new barrier posts at dumpster location.
49. Installed extra bunkbed steps in bunkhouse.
50. Replaced riser in handicap toilet and installed railings.
51. Removed swim floats and docks for winter storage.
52. Built new covered picnic shelter in day use area.
53. Removed canoes and stored behind workshop.
54. Installed new map display in bunkhouse.
55. Winterized fire equipment, disconnected waterlines, completed inventories, requisitions and closed up facilities for season.
56. Fueled up gasoline cans for winter use and removed all freezable products to Millinocket.

REGION I - PARK RANGERS (Barry MacArthur, Thomas Chase, Loren Goode, Charlie Kenney)

1. Rangers finished off the inside of the new bunkhouse at South Branch by wood paneling the ceilings, trimming doors and windows, and building bunkbeds during the winter months, also installed plywood floor.
2. Time was spent on the winter trail to Russell Pond shoveling snow, dragging, clearing blowdowns and brushing out the trail.
3. Supplies and requisitions were hauled to Russell Pond early. Propane tanks were hauled to South Branch Pond and full tanks hauled to Russell Pond.
4. Material needed to build a shower facility and drainage field were packaged and transported to Russell Pond.
5. Firewood was cut across Turner Deadwater and transported to Russell Pond and firewood for the bunkhouse during the winter was monitored and stocked.

6. Assistance was provided to Millinocket to plow and sand the door yards at the office, garage and supply facility.
7. Time was spent servicing and repairing snowmobiles and totesleds as required.
8. Debris and trash accumulated at Russell was removed to roadside by snowmobile.
9. Cedar slabwood was hauled in on the Russell Pond winter trail to cover open bog holes.
10. "No Snowmobiling" signage was placed at various trailheads and road junctions throughout the Park.
11. Blowdowns were removed from the Webster Lake trail.
12. Blowdowns were constantly removed from all road systems throughout the Park including side roads and campgrounds.
13. Work was done fabricating boxes for rear of snowmobiles.
14. Time is spent checking on winter parties providing information to Park users.
15. Time is spent checking campgrounds and day use areas cleaning toilets and mountainside wood supplies for users.
16. Time was spent planning plumbing supplies and gathering materials for shower system to be hauled to Russell Pond (including storage tank, stalls, heater, drainage materials).
17. A trail to Center Pond was cleared and bridging material was hauled to a roadside location.
18. Fishermen and snowmobilers were checked for compliance to Rules and Regulations and State laws.
19. Shingles were removed from #1 & #2 lean-to's at Russell Pond. This debris removed to roadside and hauled to recycle center in Dyer Brook. Old lean-to #2 was torn down and material hauled to a location where it could be cut up for camper wood next summer.
20. Mulching bark was hauled to Russell Pond to begin a small scale composting program.
21. Trail to Hudson Pond was broken out and dragged so that lean-to materials could be moved to site location. Lean-to and necessary construction material was moved to NE corner of Hudson Pond.
22. Cut and installed Styrofoam insulation for the top of the cellar wall at Trout Brook Ranger's camp.
23. Assisted with construction planning and installation of hand railing for Judy Hafford to assist with her stroke recovery efforts.
24. Assist with stripping off old metal over woodshed at Millinocket garage, and installed new metal roofing.
25. Rangers alternated with Chimney Pond coverage during Winter Ranger days off.
26. Assisted with shoveling off roofs at Millinocket, Kidney Pond and Daicey Pond.
27. Rebuilt pole and hitch system on snowmobile trailer used by personnel of SFMA.
28. Assisted with interviews in Millinocket to fill vacant seasonal positions.
29. Started construction and prefabricated 50 picnic tables to replace old tables.
30. Constructed sawhorses to be used by each campground area with 4 at each work station.

31. Assisted with the relocation of four lean-to's at Abol Scout area to a centralized location.
32. Broke out trail and hauled bog bridging material from the outlet of Webster Lake approximately 1/2 to 1 mile down along the Freeze-Out trail.
33. Assisted with hauling firewood from roaring Brook to Chimney Pond and also from Togue Pond to Chimney Pond.
34. Assisted with shingle removal from lean-to's at the Abol Scout area.
35. Assisted hauling 4000' of cedar lumber from Millinocket to Matagamon by truck and from Matagamon parking lot to Trout Brook by snowmobile.
36. Assisted with snow removal from buildings at Trout Brook and outlying buildings including Little East lean-to.
37. Constructed thermometer box to record high and low temperatures at Chimney Pond.
38. Assisted State Police radio repair personnel check out radio system at Russell Pond and install a new radio.
39. Patrolled to Nesowadnehunk Field to change propane tanks used to heat the building used by SFMA Forester, who was attending a law enforcement training session at Maine Criminal Justice Academy.
40. Built 6 "U" hitches to be used on back of Park snowmobile.
41. Organized information and completed annual report.
42. Constructed steel plate material to be used on skid to move lean-to's at Abol Scout area.
43. Moved blocking from Crystal to Abol Scout area.
44. Sorted, stuck and stored cedar in pole barn in Millinocket.
45. Hauled bunkbeds to Russell Pond to be used in crew camp.
46. Assisted with airlift of bog bridging material from Nesowadnehunk Field to Center Pond area flown in by the 112th Army National Guard.
47. Removed old trash from the Long Pond area near Fowler Pond.
48. Started construction of lumber racks for Trout Brook and Kidney Pond made of steel pole and swivel arms.
49. Hauled 7 replacement windows from Millinocket to Chimney Pond to be installed by volunteer Steve Jackson.
50. Removed personal gear (Neal Sleeper) from Russell as he received a transfer to Kidney Pond.
51. Cleared grounds around wing addition in Millinocket office of shingles and other construction debris.
52. Hauled corner post to site location on Park boundary near Traveler Pond.
53. Sprayed polyurethane finish on interior wood paneling in new bunkhouse at South Branch Pond.
54. Constructed 4 staging saw horses and 11 barricade saw horses.
55. Rebuilt 25' of bench and shelving in garage Trout Brook.
56. Started working on construction plans for chairs for cabins.
57. Performed much road work in spring ditching several miles of road including the side road to South Branch Pond (a total of 165 hrs.)
58. Spent 40 hrs. replacing culverts in various locations.

59. Spent 83 hrs. either road grading or repairing tow-behind grading machine.
60. Continually monitored water drainage to ditches and using shovel steered many drainage problems to correct area.
61. Dug test holes for shower drainage area at Kidney Pond and installed 3 filtration chambers.
62. Worked with various volunteer people at various locations throughout the Park.
63. Assisted with campground coverage at Roaring Brook, Russell Pond, South Branch, Chimney Pond and other locations throughout the Park.
64. Opened up road to Roaring Brook using bucket loader to try to get campground ready to open.
65. Prepared snowmobiles for summer storage.
66. Rebuilt dock/floats for Matagamon boat mooring.
67. Installed steel pole lumber racks in pole barn Trout Brook.
68. Cut up and removed brush in Millinocket office area to make room for new office/conference room.
69. Using backhoe dug foundation hole for new office addition.
70. Serviced lawnmower, generators, chainsaws, and firepumps at Trout Brook Farm.
71. Continually monitored back-country use, providing information and cleaning sites and toilets in Fowler Ponds area and Matagamon Lake and other outlying campsites.
72. Constructed temporary gate at intersection of Roaring Brook and Park tote road to be used when no gate personnel attend the gate or when road or mountain conditions are unsafe.
73. Started new job standard and performance appraisal system with seasonal employees.
74. Installed plumbing system for sinks and showers to be used by Kidney Pond personnel and volunteers.
75. Took tons of mud removed from ditches in north half of Park and hauled it away from road system.
76. Worked in South Branch Campground with backhoe grading and leveling sites.
77. Built brackets for countertop at Kidney Pond and built eve brackets to place overhand in showerhouse.
78. Hauled over 100 yds. of gravel from Medway to new office addition both as fill and built grade for floor.
79. Removed creosote timbers from walkways around office.
80. Worked along perimeter road cutting brush and overhanging limbs and trees.
81. Removed debris from culverts that had been plugged by beaver at West Gate, Doubletop, two culverts at Togue and some at Fowler Green.
82. Removed rocks hauled into road by ditching with hand shovel and by hand picking.
83. Worked on parts of road system using rockrake to do minimal grading and rock removal.
84. Assisted with removal of the old bunkhouse at South Branch to the Telos burn area.
85. Route signs for some areas in north region of Park.
86. Hauled shingles from South Branch bunkhouse to Nesowadnehunk shingle bin.

87. Constructed ashpan fireplace for Hudson Pond lean-to.
88. Baxter park law enforcement officers continued alternating night coverage of Park from May through October.
89. Assisted moving and working on new personnel camp relocated from Nesowadnehunk volunteer cabin to Foster Field.
90. Installed new gravity-flow water system for Pine Cover Camp used as housing for gate personnel.
91. Assisted with delivery of logs to Matagamom High Adventure base to be used for bridge logs.
92. Hooked up wood stove and refrigerator at McCarty to be used by volunteers and firewood processor Jim Cunningham.
93. Located old culverts and removed a wheeler truck load of old culverts to the Medway DOT facility.
94. Relocated a temporary trail around a hawk's nest located at the beginning of the Fowler trail.
95. Assisted spreading calcium during droughts as needed.
96. Dug up waterline between year-round and seasonal facility at Trout Brook and repaired leak in waterline.
97. Cleaned and washed old farm machinery.
98. Assisted with water pump repairs at Togue I. & E. facility.
99. Assisted working Togue Gate during high usage and manpower shortages.
100. Blocked road in newly purchased section of land near Abol bridge where culverts had been removed at Katahdin Stream crossing.
101. Cleaned cedar bark from Abol pit and hauled it to Rum Mt. burn area.
102. Hauled dumptruck load shingles from Togue to Nesowadnehunk shingle bin.
103. Cut up grates for fireplaces.
104. Dug hole and installed new 1000 gal. toilet vault at Slide Dam, (Marston Trail). Handicap accessible toilet.
105. Constructed and installed doors for toilet in group area at Trout Brook.
106. Routed and installed new signage for new Wadleigh Brook trail.
107. Cut, split and hauled firewood for Ranger use at Trout Brook Farm and also for garage.
108. Assisted with tree planting and campground renovations at South Branch Pond.
109. Ditched with farm tractor on north and south side of Burnt Mountain road toward McCarty Field.
110. Installed corner post south of Nesowadnehunk Lake Wilderness Campground where Park line heads south.
111. Assisted with mulching in area of old bunkhouse removed at South Branch Campground.
112. Assisted in Millinocket laying hot top in office yard and walkway, also at Supply and in front of overhead doors at garage facility.
113. Assisted reworking the old double axle trailer so that it could be used to hold winter supply of firewood for Roaring Brook camper use.
114. Assisted shingling lean-to roofs at Nesowadnehunk.

115. Cut, split, hauled and stacked 1 1/2 cord firewood to be used at the martin Camp for personnel.
116. Shingled main camp volunteer facility at McCarty Field and reset stove and hauled old shingles to Nesowadnehunk.
117. Replaced woodpecker siding damage to crew camp at Trout Brook.
118. Installed new metalbestos chimney in camp at McCarty Field.
119. Installed ridge vent in bunkhouse at South Branch Pond, also built porch railing, steps, scraped and painted stove, installed it and built candle holders.
120. Drilled and mounted second set of steel pole lumber racks at Trout Brook Farm.
121. Scraped and painted steel Baily Bridge road bumper to be used on bridge when deck replaced in 1998.
121. Hauled 2 new Discovery canoes to South Branch and removed the aluminum canoes to Trout Brook Farm.
122. Repainted truck racks for BSP #6 truck.
124. Cut up and removed old dumpsters in Pine Cover area.
125. Hauled loam from Crystal to Millinocket to be used for landscape work around new office area.
126. Assisted 53 with double coverage of flat roof area of garage at Togue Pond.
127. Hauled screenings from Windy Pitch pit to cover eroded area on Abol Pond culvert.
128. Hauled loam from Millinocket to Kidney Pond to be used to reseed area where old pole barn was removed.
129. Hauled rock and cedar logs and decking to Abol Pond where the new footbridge will be built across Abol Stream.
130. Seeded down and mulched around Slide Dam parking lot.
131. Cut, split and piled firewood used in Millinocket garage (approximately 12 cord).
132. Assisted hauling gravel and grading new camp site relocation project at Abol.
133. Burned wood debris at Nesowadnehunk, Telos and Rum Mt.
134. Cleaned out portable fuel tanks at Togue Pond.
135. Constructed and installed portable gate at Morse Mtn.
136. Prefabbed, insulated banking boards to be used on crew camp at Trout Brook so volunteers will have water during fall hunting season.
137. Relocated generator to separate building at Trout Brook and rewired so auxiliary generator can be hooked up.
138. Installed eve vents on bunkhouse at South Branch.
139. Removed signage and fireplace at old Eastern site.
140. Moved canoe and trash on Long Pond for winter pickup.
141. Winterized and stored Matagamon boat and motor.
142. Constructed picnic shelter at South Branch Ponds.
143. Assisted removing building over gas tank at Togue Pond.
144. Installed new portable gate at Katahdin Lake trail.
145. Assisted installing hitch on BSP #6 vehicle.
146. Assisted hauling 100 gals. gasoline to Roaring Brook.
147. Hauled 6 loads gravel from Abol Pit to Rum Mt. burn area.
148. Provided information to and checked hunter licenses.

149. Provided 68 hours using bush hog From Togue Pond to Foster Field including side roads to Daicey Pond and Kidney
150. Hauled farm tractor grader blade from Black Brook to Matagamon Gate for spring maintenance.
151. Installed windows on back porch at Trout Brook Ranger's cabin.
152. Hauled propane tanks to South Branch to be moved during winter to Russell Pond.
153. Replaced 3' culvert between Upper and Lower Togue Pond on Park road.
154. Assisted splitting firewood at Togue Pond.
155. Assisted plowing and sanding of Millinocket complex - driveway and walkway.
156. Cut and burned brush at the Patten radio repeater site.
157. Worked on north line of Park heading east from Northwest corner post and installed northwest corner post.
158. Constructed 1 new totesled.
159. Hauled 2 x 8 picnic table stock from Trout Brook to Matagamon via snowmobile to haul to Millinocket to assist Eagle Scout project.
160. Installed handi-talkie charger in Ranger's camp at Trout Brook Farm.
161. Picked up snowmobile at repair shop Island Falls and took to Millinocket to be used as spare sled.
162. Removed head on bush hog and took to Bethlehem Repair in Crystal where head is to be reconditioned.
163. Constructed bearing guard for head of bush hog.
169. Repaired snowshoes and built harnesses and sharpened axes used for blazing on the north line of Park boundary.

REGION II PARK RANGER MAINTENANCE REPORT

Robert Howes, Bernard Crabtree

Maintenance ranks right up there with public relations. Maintenance involves considerable amounts of time. Many projects were accomplished. They include:

1. Cutting, clearing and removing blowdowns from Park tote road and Roaring Brook road.
2. Performed routine duties of duty officer by checking buildings in Millinocket, removing snow from facilities, building fires in garage and monitoring radio traffic for emergencies or special services.
3. Worked on and repaired snowmobiles.
4. Worked repairing totesleds, generators, trucks and chainsaws.
5. Worked on snowmobile trail to Chimney Pond removing blowdowns, filling in holes, covering rocks and dragging in preparation for hauling firewood, propane and requisitions.
6. Routinely patrolled perimeter road, checking snowmobilers, skiers and meeting campers.
7. Transported 1290 case and Ford 6750 tractors to Park from Millinocket.

8. Worked on Annual Report compiling and sorting information.
9. Hauled and piled cedar footbridge stock to Nesowadnehunk, assisted 112th Medivac and 192 Company "C" locating and moving cedar planking to Center Pond area.
10. Placed "No Snowmobiling" signs at appropriate locations.
11. Hauled firewood, requisitions and 12 propane tanks to Chimney Pond to be used during the summer season.
12. Removed several boxes of trash accumulated from projects at Chimney Pond during the summer months and took to Millinocket for disposal.
13. Serviced eighteen solar powered battery systems throughout Park, replaced defective batteries as needed.
14. Moved peat moss and bark for composting from Roaring Brook to Chimney Pond.
15. Assisted mechanic in Millinocket with cleaning and repairing of heavy and light equipment.
16. Assisted with prefabrication of picnic tables.
17. Removed winter bumpers on vehicles and reinstalled tool boxes.
18. Cleaned and repaired snowmobile equipment and stored for the summer season.
19. Installed, repaired radio and antennas as needed.
20. Set up and moved seasonal gates to appropriate locations during the spring mud season.
21. Readied Administrative and Information facilities by hooking up water, taking off shutters, etc.
22. Moved truck and trailer and heavy equipment to work site locations.
23. Cut, hauled, split firewood (10 cords) to campground.
24. Assisted with campground coverage on personnel days off and vacations.
25. Hauled calcium from Winn and spread in heavy public use locations around Togue Pond.
26. Worked on road system repairing washouts.
27. Assisted with delivering firewood for sale at the various campgrounds.
28. Assisted delivering propane to various locations.
29. Cleared culverts of beaver dams.
30. Updated court records at Millinocket Headquarters.
31. Cleaned and tested propane heaters at Mt. View and Togue Pond Park Ranger Camp.
32. Trouble shot and repaired radio regulator problems at Kidney Pond.
33. Major cleaning and reorganizing of cellar in Togue Park Ranger Camp.
34. Assisted with clean up of shingling debris at Park Headquarters.
35. Installed pressure-relief tank on D.C. pump system at Park Ranger Camp.
36. Built new snowsled ramp.
37. Checked Nes. Ranger camp heater and changed propane tanks during the winter.
38. Hauled cedar bridging materials from Roaring Brook to Sandy Stream area.
39. Routine checking and cleaning outhouses at various locations.
40. Washed and waxed trucks.
41. Routine shoveling of buildings at Togue, Roaring Brook, Daicey and Kidney Ponds, Nesowadnehunk Stream Ranger camp.

42. Hauled two new stoves and propane hot water from Abol Bridge to Chimney Pond.
43. Drained water away From ToGue garage.
44. Trouble shot tri-metic battery meter problems.
45. Broke up ice on camp roof eves with leaking problems.
46. Hauled two stoves from Chimney Pond to Roaring Brook.
47. Hauled wood from Caribou Pit to Chimney Pond.
48. Conditioned snow and jacked lean-to's (4) and moved to new locations at Abol Pond Scout area.
49. Burned three old lean-to's at Abol Pond Scout area.
50. Assisted generator specialist Kent Ladd with generator repairs.
51. Replaced G.E. radios at Chimney and Russell Ponds with Motorola radios.
52. Relocated radio at Park Headquarters.
53. Hauled 675D Ford backhoe from Newport to Millinocket.
54. Painted ceilings in kitchen, living and dining room areas at Park Ranger cabin.
55. Plowed road from mile 14 to Togue Pond to Abol Pond Scout area.
56. Hauled sand with tractor from Abol Pit to Scout areas.
57. Moved large pine blocks from Abol Scout area to Abol Pit.
58. Assisted Bernard with installation of cement blocks and leveling of lean-to at the Abol Scout area.
59. Reorganizing Togue Pond Park Ranger office.
60. Troubleshoot and repaired water leaks at Visitor Center and Administrative Camp at Togue Pond.
61. Routine Togue Beach maintenance, filling of water tower and toilet and grounds maintenance.
62. Radio-telephone troubleshooting, installation, NYNEX-radio technician coordination.
63. Cleaning, servicing gas refrigerators inside the Park.
64. Leveled earth hauled off excess rocks and sand around conference building foundation.
65. Rebuilt Mt. View waterpump and filter system.
66. Routine lawn maintenance.
67. Transported older generators and waterpumps to Augusta.
68. Moved cabin from Nesowadnehunk Field to Foster Field.
69. Installed speed bump signs at Togue Pond.
70. Moved and set rocks at Nesowadnehunk and Foster Field.
71. Troubleshoot TIS radio problems, dismantled, sent away and remounted.
72. Resurfaced sections of Kidney Pond road.
73. Hauled rocks to Katahdin Stream
74. Cut brush around Park signs.
75. Relocated 500 gallon toilet vault at Katahdin Stream.
76. Set up temporary power extension at Headquarters due to power outage.
77. Replumbed gasoline, set stove and refrigerator at Foster Field crew camp.
78. Scraped and stained Togue Ranger camp.
79. Coordinated Volunteers for Peace projects.

80. Picked up new refrigerator at Maine Gas Company.
81. Replaced waterpump at Visitor Center.
82. Stripped and shingled Park Ranger camp at Togue Pond.
83. Routine starting of sleds throughout the summer.
85. Replaced gaslight in Administrative Camp on Lower Togue Pond.
86. Hauled gravel and sand to Togue Beach area.
86. Troubleshoot radio problems at South Branch Pond office.
87. Checked Patten repeater site, scraped and painted entry overhang, cleared weeds around building and cut bushes.
88. Installed underground piping for Togue Control Point gasoline.
89. Hauled several loads bark debris from Abol Pit and Togue Pond.
90. Pulled submersible pump, cleaned and serviced and modified at Mt. View Camp.
91. Assisted with stripping and shingling Abol Campground's shop and garage.
92. Hauled loam from Crystal to Headquarters complex.
93. Escorted firewood truck to Daicey Pond.
94. Fixed fuel water problems in 1290 Ford tractor.
95. Stripped Togue shop roof and recovered with roofing.
96. Modified bear trap.
97. Upgraded tower cable and power cable at South Branch Pond.
98. Landscaped Rum Mt. burn area.
99. Loaded and hauled rocks (30 yards) from Windy Pitch Pit to Abol Pit, moved rocks, 20+ timbers to Abol Stream Bridge site, seeded and mulched.
100. Moved Togue Pond gas shed.
101. Assisted radio technician Lance Cook with new antenna cable system at Headquarters complex.
102. Removal of 500 gal. tank at Togue, assisted by DOT and DEP.
103. Move chairs and chair holder from Administrative Camp to Headquarters conference room.
104. Pruned trees between Togue Pond and Route 157 road junction turn, cleaned behind tractor mower.
105. Built sand retaining wall around fuel trailers.
106. Surveyed and compiled information on hydro-power for Nesowadnehunk Ranger camp.
107. Burned debris at Nesowadnehunk and Rum Mt. burn site.
108. Placed rocks, hauled gravel, leveled site at site #17 at Nesowadnehunk Field.
109. Hauled and leveled gravel at Marston Trail and Center Mt. parking lots.
110. Installed flagpole base at Abol Scout Area.
111. Partly cleaned downstairs of pole barn at Togue Pond.
112. Flagged 1000' proposed road relocation on Kidney Pond road.
113. Assisted carpenter Scott Bond and helper move to Kidney Pond for building new pole barn.
114. Painted two sections Park line near old entrance in Abol Bridge area.
115. Constructed several snowsled ramps.
116. Constructed steel bench to secure grinder and drill press; built rolling stand for chop saw, draws, etc.

117. Routine season signage changes.
118. Moved "road machine" to Park.
119. Hauled gravel from DOT Salmon Stream Pit to Millinocket Headquarters complex.
120. Assisted with installation steel I-beams on new conference building.
121. Hauled lumber from Park Lumber Co. to Kidney Pond.
122. Assisted DOT with road maintenance.
123. Assisted with lumber racks and siding on Kidney Pond pole barn.
124. Replaced rotten logs on lean-to #5 at Nesowadnehunk Field.
125. Filled potholes in campground roads.
126. Construct three ashpens.
127. Replaced 3' culvert at outlet of Upper Togue Pond.
128. Hauled two drums gas to Roaring Brook for winter use (110 gallons).
129. Welded flagpole mount at Abol Scout area.
130. Assisted with new outhouse buildings at Togue Pond and Slide Dam.
131. Assisted in clean-up of pumped toilets throughout Park in the fall.

NESOWADNEHUNK - (CRI John Richardson)

1. Opening and closing of campground for season.
2. Cut brush around trailhead at Slide Dam.
3. Routine maintenance to saw, mowers and related equipment.
4. Installed sani-sac boxes.
5. Hauled junk steel to recycle center in Millinocket.
6. Stain picnic tables, signs, buildings.
7. Removed mattresses and cleaned upstairs Ranger camp.
8. Cut, split, stacked firewood.
9. Assembled new picnic tables and repaired older ones.
10. Cleaned blowdowns on North Doubletop Trail.
11. Constructed new signs.
12. Installed trail register box and signage at old West Gate area.
13. Cut brush throughout campground.
14. Installed trail register sign at Dwelly Pond trailhead.
15. Replaced shop window.
16. Reshingled five lean-to's.
17. Constructed new trailhead box for Doubletop Trail.
18. Laid new floor in lean-to.
19. Installed pipe insulation of Ranger camp.

TOGUE POND - (CA Sara McBride)

1. Stained signs, picnic tables, sign posts.
2. Stained Admin. Camp outhouse, Mt. View camp, Park Ranger camp, Trapper John.
3. Filled in holes on beach.

4. Routine cleaning of beach, outhouses, pumping up water, mowing, etc.
5. Assisted in coverage of Daicey Pond Campground much of the summer.

KATAHDIN STREAM - (CRI Bruce White, CA Christian McGinn)

1. Opening and closing campground for season.
2. Replaced 200' of waterline.
3. Replaced copper water piping of CA camp.
4. Replaced wooden bumper logs with rocks.
5. Graveled camp sites.
6. Stained signs, post, lean-to's, picnic shelters, crew camp picnic tables.
7. Reboarded and roofed two shelters (day use).
8. Assisted with shingling projects at Abol and Nesowadnehunk Field.
9. Assembled several picnic tables.
10. Rebuilt firepits.
11. Made up five grates for fireplaces.
12. Scraped and painted dumpster at Abol Pit.
13. Placed rocks throughout campground.
14. Moved toilet vault from old highway camp to CA camp area.
15. Constructed several signs.
16. Assisted with shingling project on Park Ranger camp.
17. Replaced logs on picnic shelters.
18. Repaired 300 gal. rubber bladder and frameworks for five suppressions.
19. Planted 60 trees throughout campground.
20. Assisted with installation of replacement windows in Ranger camp.

ABOL - (CRI Dave Chase, CA Mike Martin)

1. Opening and closing campground for season.
2. Repaired waterlines.
3. Leveled lean-to's
4. Stained signs, post, lean-to's picnic tables.
5. Rerocked three lean-to's and garage-shop.
6. Spread sand around several firepits.
7. Jacked, leveled, blocked garage/shop area.
8. Rebuilt tentsite cribbings.
9. Assisted with re-roofing projects at Nesowadnehunk Field.

1997 Baxter State Park Volunteer Program

Volunteer coordinator Wallis Drew compiled the following volunteer statistics for 1997:

A total of 212 volunteers contributed 7,014+ hours toward the preservation and protection of Park resources.

There were 109 new volunteers in 1997. Nearly half of all volunteers did trail maintenance work.

Volunteer hours by location are as listed:

Administrative/maintenance/Mlkt	487 hrs.	Search/Rescue Teams	479 hrs
Chimney Pond	115 "	SFMA*	176 "
Daicey Pond	585 "	So. Branch Pond	91 "
Katahdin Stream	8 "	Togue Pond	193 "
Kidney Pond	839 "	Trail maintenance	2199 "
Matagamon Gate	49 "	Trout Brook Farm	243 "
Nesowadnehunk Field	478 "	Webster lake	468 "
Roaring Brook	72 "	Misc.	472 "
Russell Pond	60 "		

*Scientific Forestry Management Area

The following volunteers donated substantial volunteer time:

Richard Aspinall	Charles J. James
Janice Bilodeau	Steve James
Jensen Bissell	Lake Region Search & Rescue
Read Brugger	Bertrand H. Boisvert
Hal Busch	Dianna Boisvert
Isabell Carson	Peter Byrnes
Camp Phoenix	Ed Garnier
David Chase	Richard Grant
Frank Clcukey	Lincoln Search & Rescue
Jim Garland	Dawn Amour
Scott Konecny	Randall Amour
John Loyd	Robert Bean
John Collaruse	Lorraine Polk
Warren Curtis	Paul Smith
Steve Day	Brent Watson
Richard DeMello	Mahoosic Search & Rescue
Mary Ellen DeMello	Tonya Grant
Daryn Deveau	Mark King
William David Dobbs, Jr.	Bradford Rounds
Wallis Drew	David Morrisette
Robert A. Dubay	Maine Bound
Ed Dwyer	Sally Matthews
Judith A. Feinstein	Abbott Meader
Don Fendler	Nancy Meader
Thomas J. Goetz	Teri-Ann Miller
John M. gondek	Majorie Mitchell
Loren Goode, Jr.	John Neff

John Gould & Guest
John Gunder
James Hall
James Hamlin
Eric Hendrickson
John & Betty Howard
Wavel Huston
Steven Jackson

Peter B. Rosenbaum
Lynn M. Schowalter
Rick Scribner
Wayne A. Shedd
Michael P. Simonds
Lynn Stevens
Rowena W. Strout
Courtney Strout
Abbie Strout
Jane Thomas
Joanna A. Thorpe
Jim D. Tollett
Joan Tollett
Latona K. Torrey
Linda Ives
Frank Trautmann
Harland A. Turner
Upward Bound
Wilerness S&R
Thomas Lohnes
Phil DuPerry
Wayne G. Milligan
Volunteers for Peace
Janet Wagner & Mildred Luce
Judith Wentzell & Irene Colman
Paul Woodward
Chaitanya York
Phillip York
Trail Crews
Acadia Trail Crew
Chris Barter
Peter Coleman
Keith Johnson
ADK Adirondack Mt. Club
Adam Gilbert
Sarah Heindenreich

Helmars E. Ozolins
Cynthia Perry
Scott Phillips
Dan Randall
Roger Rand
Josh Rand
Lori Rand
Paul Richard

Don Henderson
Gearry Judkins
AMC Service Trips
Cindy Bates
Sean Barsky
Charles Christie
Anne Crawford
Malcolm Crawford
John Crowe
Stephen L. Crowe
James Cultrera
Douglas Dolan
Ginger Ellsworth
Judy Hatch
Sarah Katz
Tim Levesque
Rich Matteson
McGarvey
Tom Mitchell
Nick Morgan
Wes Tooke
Maine Math & Science School
April Ames
Nick Bergeron
Alice Bolstridge
Peter Carber
Philip Dostie
Heather Gervais
Alanna Jordan
Jim Laughner
Kate McCarthy
Elizabeth Neal
Shawn Scully
Peter Zawadskas
Shannon Fitzpatrick
Jennica Starrett

Wes Lampman
Joe Young
AMC
Paul Bortz
Cherrie Conant
Beth Cuddy
Harry Cunningham
Shirley Ellis
Scotty Folger
Marjorie Stratton
Sierra Club 360
Paul Carver
Kerry L. Darkes
Bente Hannibal
Jim Herther
Jeff Knoop
Larry Kocher
Lenora Kovacs
Elizabeth Pidskalny
Mary M. Work
Individuals
Charles Burwell
Ricky Daniel
Francis Hanley
Cory Logan
Scott Logan
Tina Madore
John Minot
Elsa J. Sanborn
Individuals
Rick Str. Croix
Allison Scheiffer

PATH 225
Sue Bodyke
Mary M. Coleman
Pamela Ebner
Dave Gilbert
Julie Hagle
Cheryl Hathaway
Jim Kadin
Mary Knowlton

X PROJECTION OF MAJOR PROJECTS FOR 1998

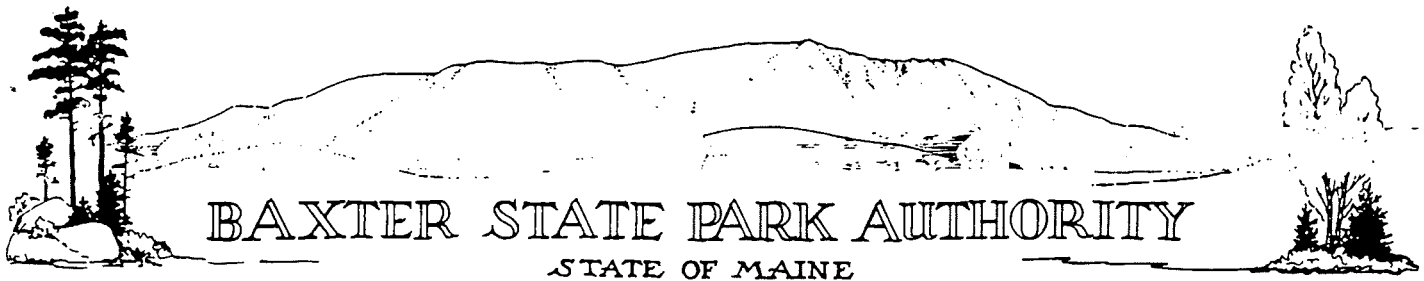
1. Replace lean-to's at Chimney Pond (1), Pogy Pond (1), and Little East Branch (1).
2. Construction of handicap accessible toilets at Togue Pond, Abol, Katahdin Stream, Kidney Pond, Daicey Pond, Foster Field, Nesowadnehunk Field, Trout Brook Farm and Matagamon Gate.
3. Landscape the old Roaring Brook dumpsite and reseed and mulch.
4. Install bog bridges on wettest portion of the Wassataquoik Lake Trail.
5. Continue restoration of eroded portions of Saddle Trail on Mt. Katahdin.
6. Repaint 10 miles of Park boundary.

7. Resupply by snowmobile the Chimney Pond and Russell Pond Campgrounds with requisitions, firewood and propane tanks.
8.
 - a) Construct garage at Tamarack Street facility.
 - b) Evaluate Tamarack facility for capital improvements.
9. Renovate the Katahdin Stream garage.
10. Construct day use shelter at Trout Brook Farm.

XI APPENDIX

1. Search & Rescue
2. Fire Ban
3. Wildlife Report

APPENDIX - OPERATIONAL HIGHLIGHTS & OVERVIEW



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COMMISSIONER OF INLAND FISHERIES AND WILDLIFE

ANDREW KETTERER
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July 31, 1997

TO: BAXTER STATE PARK AUTHORITY

FROM: *ICC* IRVIN C. CAVERLY, JR., DIRECTOR, BAXTER STATE PARK

SUBJECT: JULY 30, 1997 INCIDENT

As a follow-up to my e-mail yesterday, on July 30 at approximately 12:35, we were notified by the Daicey Pond Campground Ranger that a subject had fallen into Nes. Stream, was pinned between two rocks by a deep, fast, flowing current, and we had an extremely dangerous situation. Staff responded to learn that Philip Duvall of Richmond, VA, 38 years of age, was and had been submerged in water for a considerable length of time, more than 20 minutes.

From the initial radio call, many staff members, volunteers and representatives from Warden Service responded. Our local trooper called and offered his assistance. By the time the subject was evacuated from the water at 1:00 P.M., he had been under water about one hour. CPR was started by a paramedic at the scene and continued without response for 25 minutes when Commissioned Ranger Mac Browning made the call to cease.

I contacted the Medical Office as well as the office of the District Attorney and alerted them to our situation. I requested permission from the Medical Examiner to evacuate the victim. Meanwhile the Millinocket Fire Dept. had dispatched the ambulance. The ambulance and crew transported the body from Daicey Pond to Togue Pond where they were met by the funeral director from Millinocket. The Medical Examiner completed his work at about 6:30 P.M. During the day, I had communication with Paul Reynolds of Fish & Wildlife for news releases and some direct communication with the local press as well as the Bangor Daily news. Detailed reports are still being received at this time.

Memorandum

DATE: July 30, 1997
TO: Buzz Caverly, Director
FROM: Robert Howes & Mac Browning Park
Rangers
RE: Drowning Victim at Little Niagara Falls

At 1225 a call was received by Robert Howes (53) from Joanna Thorpe (77) that an individual was trapped underwater in Little Niagara Fall. The accident occurred between 1130 and 1200. 77 responded to the scene and arrived approximately 1240.

I (60) came onto the scene at 1257. At that time a rubber raft was being belayed to the victim with a party member inside the raft. The situation was dangerous and I had concerns of the safety of the person in the boat and park personnel on the belay lines. I called out to discontinue the rescue due to unsafe conditions. At 1300 the individual in the raft informed me that he had a line around the victim's hand. That line was then pulled from the opposite side of the stream and the victim was removed from the falls where he had been underwater for approximately 60 minutes.

At 1303 CPR was started by two party members. At 1305 a Registered Nurse, Vicki Riley continued with the CPR.

At 1328 I (60) made the decision to discontinue the CPR. This decision was based around these facts:

1. The victim was underwater in the falls for approximately 60 minutes
2. More advance medical treatment was over 1 hour and 30 minutes away.
3. Vicki Riley RN believed that the CPR was not being successful, due to the circumstances, and more advance medical treatment was needed right then if there was to be any chance of survival.

At 1345 we began the litter carry and arrived at Daciey Pond at 1450.

— OVER —

RESCUE AT LITTLE NIAGARA FALLS 7/30/97

REPORT WRITTEN 7/30/97 - JOANNA THORPE - CRI DAICEY POND

12:35 P.M. Individual ran up from Little Niagara - male - first spoke to Sara outside office. She ran in and relayed info to me. Male individual 30-40 wedged between rocks at L.N. People with him trying to hold chin up above water. Contacted 53 who I knew was in area - gave him info I had. Grabbed radio, rescue packs, rope from shop and headed out. Male individual grabbed pack and carried it so I could use radio easily.

People on trail were notified that we may need help - head down.

Arrived on scene - got in water below falls - some of victim's party members were on opposite side of falls on rocks. Wife and other party members on near side. Lots of people around. My main objective was to make sure there wasn't a second victim as brother-in-law was wanting to do something (seemed to want to do something such as be lowered by a rope). At this point victim had been submerged 25-30 minutes - situation seemed hopeless.

RN on scene agreed that victim had probably been submerged too long and that it was important not to get anyone else in trouble. RN was Vicki? camping at Nes. husband was familiar with rock climbing and belaying.

I kept being adamant with brother-in-law that he wasn't going in. I kept giving him the time-out signal. The wife of the victim was yelling at him too, saying that she was going to need him and not to do anything stupid.

Brother-in-law dove in below falls and swam across. He retrieved a rubber raft that they had brought down for the kids to play in. He brought the raft over to me and said he wanted to get in and be pulled up over falls to retrieve body.

60 arrived on scene at this point. Said he was a commissioned officer "no way, this is too dangerous." Brother-in-law said, "Can I try just once?"

Rope had been tied off to a tree on one side of falls, thrown down and put through raft and thrown up to folks on other side of falls. Person who was the rope person assisted in this procedure.

Brother-in-law in the raft was pulled up over lower falls to spot. He knew exactly where victim was and reached in and tied a rope to victim's arm. Victim was pulled out. Brother-in-law in raft was lowered downstream safely.

Towels and blankets had been thrown across to wrap victim.

2-man CPR was started - duration approximately 25 minutes.

Time of death 1:25 P.M. Phil Duvall - age 38.

Litter thrown across falls - victim was put in and brought across below falls. We cleared a path through the brush to bring litter up to where family was. They had a few private moments.

6-man carry started - had 10 individuals to start with. Other Volunteers for Peace and Heather came back from DP to help. Had enough for a complete swap if people needed a break.

Arrived at DP after approximately 45? minutes. Ambulance on scene. Victim put in body bag, transferred to gurney and into ambulance.

NOTES

During scene - folks at the falls where asked to get back off rocks and head back to DP.

A pastor was on the scene who helped with family members. I also spent time with wife and brother-in-law.

53 called for personal info on individual after incident was complete. Pastor advised to hold off for a few minutes till family stabilized.

At no time did I give a name or age over radio.

Had asked for trail to be flagged at DP so no one would head down. We did meet some people who were turned back and hikers from behind were sent ahead.

Radio transmission became spotty as both my radio and 60's had been submerged.

Longs Valley News
Thursday, July 31, 1997

B8

Virginia man dies in Baxter stream

Angler fell, was stuck between rocks

By Doug Kesseli
Of the NEWS Staff

A Virginia man drowned Wednesday when he slipped on some rocks while fishing in a stream in Baxter State Park.

Philip Duvall, 38, of Richmond, Va., had been underwater for about an hour before rescuers could pull his body from the Little Niagara Falls, where it had become wedged between two rocks, said Irvin C. "Buzz" Caverly Jr., the park's director.

Duvall's body was removed from the fast-moving waters of the Nesowadnehunk Stream around 1 p.m., and a paramedic performed CPR for 25 minutes on Duvall in the hopes of reviving him, Caverly said.

Part of a 14-member group camping at the Katahdin Stream Campground, Duvall had been fishing below Little Niagara when he realized he had left his pack above the falls and headed back up the stream, Caverly said. Around 20 feet above the falls, a companion

realized what Duvall was looking for and threw him the pack.

Duvall slipped on some rocks as he was reaching for the thrown pack, lost his balance and fell into the white water, Caverly said. The fast-moving water carried Duvall the distance to the falls, where he became lodged between two rocks, the water flowing around his head.

Caverly said a member of Duvall's group made repeated attempts to keep Duvall's head above the water but Duvall kept slipping out of his grasp.

The stream almost claimed another life the same day. Caverly said a park ranger involved in the rescue also slipped on some rocks and fell into the white water but was snapped up from the stream by another ranger. The ranger was unharmed but a little shaken, Caverly said.

Caverly said he believed Wednesday's drowning was the 20th fatality in the park since the first death in 1963. He said the park attracts 100,000 people annually.

INCIDENT REPORT: Gabe & Marcia Williamson
8/1/97

Victim: David Graves
10302 Meredith Ave.
Kensington, MD 20895

Rangers Involved Include: Loren Goode, Bruce White, John Richardson,
Christian McGinn, Marcia Williamson, Gabe
Williamson

Others Who Helped: Gerard St. Helaire, Larry Michon (DP Campers)
Loren Goode, Jr., Wilderness S&R, Helen Wood,
Vicki Riley, RN

On August 1, 1997 at approximately 8:55 p.m., I was approached by a couple of children who came up to me screaming for help. These children and their parents were staying in Cabin #4 adjacent to the ranger cabin.

I immediately called to Marcia to request her assistance. Upon arrival at the scene, I observed a 47 year old male, named David Graves who was lying on the ground, flat on his back. His wife, Amanda, was cradling his head. She had informed me of the following:

1. That she, her husband and son had just returned, within the previous ten minutes from hiking Katahdin via the Hunt Trail.
2. While Mr. Graves was speaking with his wife, he had stopped in mid-sentence leaned against a tree, slouched and fell to the ground striking the back of his head on a rock.

After speaking with her, my initial response was to open his airway and check his pulse. I did not feel a pulse or note any respiratory effort. The patient was making some gurgling sounds. When Marcia arrived two minutes later, she, too, confirmed the lack of a pulse or breathing.

INCIDENT REPORT: Barry MacArthur, BSP Ranger II

Daniel g. Burson
24 University Place
Orono, ME 04473

Vehicle off road 150' north of AT, 1 mile above Katahdin Stream

On July 21, 1997 Daniel G. Burson 17 yr. old was attempting to transfer James Bauschatz of 8 Juniper St., Orono, Me to seek medical attention. James had suffered previously of a heart disorder and was complaining of back pain at the shoulders.

Daniel, the driver of the '96 Accord, pulled to the side of the road to allow an oncoming vehicle to pass. In so doing the right front end rear tire left the roadway and into a 1' to 2' ditch. The vehicle right side was mostly supported from beneath the side of the vehicle.

Another motorist (home unknown) picked up the ailing James Bauschatz and transported him to Togue Pond where he was reviewed by medical personnel at the I&E building. James requested an ambulance and was transported from Togue to the Millinocket Hospital, where he was examined by Gregg Christiansen. Mr. Christiansen indicated to me subsequently that anything wrong with James Bauschatz was not the result of any automobile accident.

In traveling to the vehicle off the road above Katahdin Stream a wrecker that had been requested pulled the Accord onto the roadway. There did not appear to be any damage other than mostly superficial scratches to the passenger side.

The vehicle was driven away by the owner's son.

INCIDENT REPORT: Heather Lee, CA Roaring Brook

7/22/97

Pat Lindsay
HCR 65 Box 144
Bingham, ME 04920

Fell on face and broke nose

Mrs. Lindsay tripped up on the trail and landed on her face. She had a few facial scrapes that caused some bleeding and said she had moved her nose back into a normal position immediately after the fall. (No deformity was visible). I met them on the trail below halfway rock (the accident happened at Basin Ponds) as they were hiking out. I examined the patient and except for a nose that was clogged w/dried blood and a few scrapes, she was fine. She was a little shaken by the incident and had a headache, but wanted to continue hiking.

The party did not have a lot of water (one bottle for 2 people) and had split a soda earlier. I suspect dehydration may have helped to instigate the fall (lack of concentration).

The call was made to someone on trail with a cell phone and I feel that the Lindsay's would have been just fine without my help.

INCIDENT REPORT: Greg Hamer, CRI Chimney Pond

7/25/77

Lise Bishop
32 Denver
Hyannis, MA 02601

Injured Right Ankle/swelling on the outside

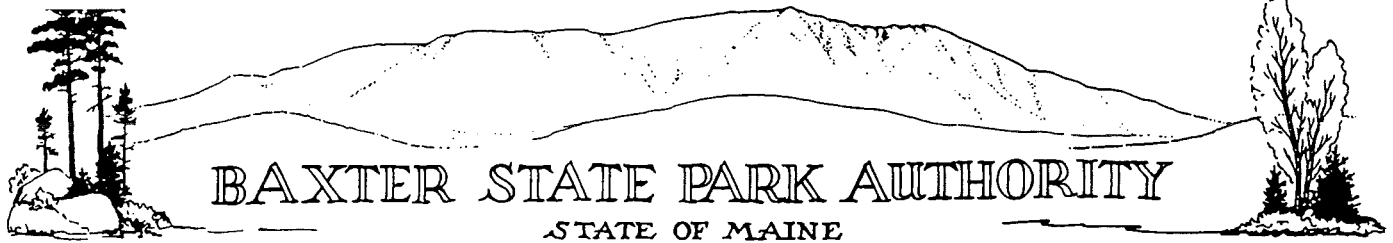
At approximately 3:45 a man came to me at Chimney Pond and informed me of Lise's condition. He said she had slipped near the top of the slide and damaged her ankle. She could not put weight on it then. She asked him to come down and get help. Also said she would start down the best she could.

I left Chimney Pond at about 4:15 arriving at the scene at about 4:50. Togue Pond had gotten a hold of 51 who put the 112th on standby. After looking the ankle over I iced it and taped it. She still could not put any weight on it. So it was decided to go up to the tableland. I lugged her most of the way up and she crawled the rest. The 112th picked her up at 6:20 and I and Paul hiked out, back to Chimney Pond

Thanks for the assistance from headquarters, I really appreciate the promptness that was delivered to the situation.

Paul was a big help. He turned around and went up with me. After we arrived at the scene he lugged my pack and helped the best he could. He stayed and hiked out with me also.

Paul St. Amor, Volunteer



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(207) 723-9500

February 4, 1998

TO: George Matula, Jr.
IF&W Wildlife Research Supervisor

FROM: Chris Drew, BSP Chief Ranger

SUBJECT: 1997 REPORT OF WILD ANIMALS HANDLED BY BAXTER
STATE PARK PERSONNEL

- June 13 - T3R9 Piscataquis Live trapped a nuisance doe deer (kicked 8 people in two seasons) at Roaring Brook Campground and relocated at McCarty Field - T5R10 Baxter State Park.
- August 3 - T5R9 A nuisance black bear (+- 100 pounds) was live trapped at South Branch Pond campground and relocated T7R5 Aroostook County.
- Sept. 28 - T5R9 Piscataquis A nuisance black bear (+- 100 pounds) was live trapped at South Branch Pond campground and relocated T7R5 Aroostook County.

CMD/sjh



BAXTER STATE PARK AUTHORITY

STATE OF MAINE



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July 30, 1997

To: All Baxter State Park Personnel
From: Chief Ranger, Chris Drew *Chris Drew*
Subject: Current Forest Fire Danger and the implementation of Stage 1, of
The Baxter State Park Plan.

After consultation with the Park Director and the Maine Forest Service Regional Ranger, the increasing fire danger warrants the implementation of Stage 1, of the Baxter State Park Fire Plan.

Highlights of this Baxter State Park action include:

- 1). No reservations will be made in outlying sites until further notice.
- 2). Reservations previously made to the implementation of Stage 1, will be honored but all campers in outlying sites must use gas stoves only.
- 3). No open wood fires in outlying sites.
- 4). Gatekeepers and other Baxter State Park personnel will inform the public on the increasing forest fire dangers.
- 5). Fire pumps will be tested for service ability and fire equipment will be made readily accessible.
- 6). Kindle no fire signs should be posted at all outlying campsites.
- 7). Bulletin Boards in campgrounds should contain the above information.

C. SFMA Annual Report - 1997



SFMA Advisor Barbara Brusila in the Boody Brook Natural Area

I. ISSUES AND ADMINISTRATION

- **SFMA Advisory Committee**

The SFMA Advisors met twice in 1997, on April 29 for the spring operations review, and again on September 11-12 for the fall field tour. The field tour this year utilized the newly constructed Wadleigh Notch Trail to access the Boody Brook Natural Area. BSP's Scientific Study Review Committee led by Park Naturalist Jean Hoekwater joined the SFMA Advisors on the hike. In addition, BSP Campground Rangers Jonathan Milne and Dan Anderson also attended. There is general agreement on the value of the Boody Brook site as an in-forest reserve, but field work is needed to determine the actual boundaries of the area, especially in the north eastern quadrant. Towards this end, Jensen Bissell, Mac Browning and SFMA Advisor Dr. Robert Seymour visited the area again on October 28. Unfortunately, 6" of fresh wet snow hampered site inspections and made for a very long trek. Work will continue on evaluating this unique area in the years to come.



SFMA Advisors in the Boody Brook Natural Area - 9/97

- **Law Enforcement**

In early 1997, forest technician Mac Browning spent 10 intensive weeks at the Criminal Justice Academy and received his commission in April of 1997 (graduated high

in his class and with honors in many areas). Mac's commission adds enforcement capability to the Park as a whole and the SFMA in particular. This capability was utilized by scheduling Mac to cover in Park-wide patrol and enforcement for one day per week during July and August and in SFMA patrol during the hunting season.

- **Webster Lake position**

As planned, a 12 week Forestry Aide position was created in FY97 to assist with day-to-day maintenance activities in the SFMA. This position will run from May 15 to August 15. Because the position term crosses the fiscal year boundary, the first season the position will be filled will be the 1998 season. As luck would have it, we were fortunate to have the chance to "test run" this idea with a Daryn Deveau, a University of Maine at Fort Kent forestry student who needed an internship in a forest under active management. Daryn was willing to volunteer for the position and we scheduled a variety of tasks and assignments that helped us accomplish our objectives and provided Daryn with specific skills and experience.

- **Price Structure Change**

The 1997/98 operating season marked the first year of an important change the payment schedule for the harvesting and shipping of wood products from the SFMA. Since 1994, the harvesting of wood products has been contracted solely on a service basis - the contractor is paid for the "service" of harvesting, loading and trucking forest products to various mills. Traditionally, payment for this service is based on the products sold - the more valuable the product the higher the service payment. This product-based service cost reflected a hold-over from 100+ years of stumpage payment systems and often provided the illusion that all products have a net positive market value to the landowner. The arrangement also placed higher emphasis and more contractor incentive to harvest higher value products creating a tension unrelated to the actual service provided - careful, considerate and productive harvesting. In 1997, we shifted to a single rate payment system. Regardless of the product harvested (a management decision) the contractor receives the same rate of payment. This system places the contractors incentive on careful, considerate and productive harvesting and not on whether the product is softwood logs or hardwood pulp. From the manager's perspective, the actual net positive or negative value of the harvest of different products is now crystal clear and the decisions that drive our management are much more clearly displayed.

- **Management Plan**

The SFMA Management Plan was last revised in 1987 and though our management continues to evolve, we have a much clearer and definable idea of what we have done and hope to do. After six weeks of intensive effort, a first draft plan was distributed for review near the end of 1997. The first draft emerged as a much larger, more extensive and detailed document than the existing plan. After review and revision, we hope to have a new and much more comprehensive management plan in place by mid-1998.

II. FOREST EDUCATION

In comparison to past years, 1997 was a quiet year for forest management tours in the SFMA. During the summer, we had the usual 2 or 3 individual students that tagged along for a day here and there. Besides the SFMA Advisors annual field tour, our only forest tour came in the October when the annual fall retreat for Park staff concluded with a day tour to the SFMA. About 20 staff members including both seasonal and year-round personnel, sampled a taste of the SFMA management including a history overview, and stops to cover recreation, silviculture and forest harvesting. The group was enthusiastic and attentive. We've done many tours with many different groups - this was one of the best.



SFMA Advisors in the Boody Brook Natural Area

At the request of Trail Supervisor Lester Kenway, Resource Manager Jensen Bissell provided a half-day overview of fire history and fire fighting technique for the trail crew on May 27 at Kidney Pond.

III. FOREST OPERATIONS

- **CFI Plots**

1996 initiated the installation of CFI plots on the SFMA with the placement of 35 plots north of Webster Lake and Stream. Work continued on this project with the installation of an additional 29 plots in the area accessible from existing management roads south of Webster Lake and Stream in compartments 1, 2, 3, 6 and 7. The 1997 work brings the total to 64 plots installed - about 50% of the eventual CFI coverage in the SFMA. It is likely at this point that plot installation will not be resumed until the year 2000 when a concerted effort will be made to complete plot installation to allow the first remeasurement at 2010. The information regarding forest growth and change in forest composition and structure gained as these fixed plots are measured repeatedly over the years will more and more valuable as time goes by.

- **Harvest Crew**

Pelletier Brothers Forest Products, Inc., Contractors for the 1997/98 operating season:

- *Eldon Pelletier, President*
- *Rudy Pelletier, Vice-President*
- *Gerald Pelletier, Secretary-Treasurer*

Harvesting Crew:

Rottne Cut-to-Length Harvester
Alston Crandall
Mike Irish

Rottne Forwarder
Dean Schlaumwhite
Brian Boutilier

Road Construction
Brian Boutilier

Trucking
Rusty Springer
Wayne Pelletier
Steve Gilman

Forwarder/Chain saw
Reno Sylvain
Sylvain Lemieux

- **Markets - Operational Summary**

Markets for SFMA wood products in FY 98 maintained the stable strength exhibited in FY 97. With inflation remaining low to non-existent, price gains in FY 98 provided some real growth in margins for individual products. For low-value products such as pine, hemlock, aspen and mixed hardwood pulpwood, prices remain below cost and the harvest of these species is accomplished according to silvicultural need and the available subsidizing force of spruce/fir, pine and hardwood sawlogs. With the shift to a unit pricing based on weight (see Price Structure Change, above), the true disparity of values between high and low end products on the SFMA is clearly displayed.

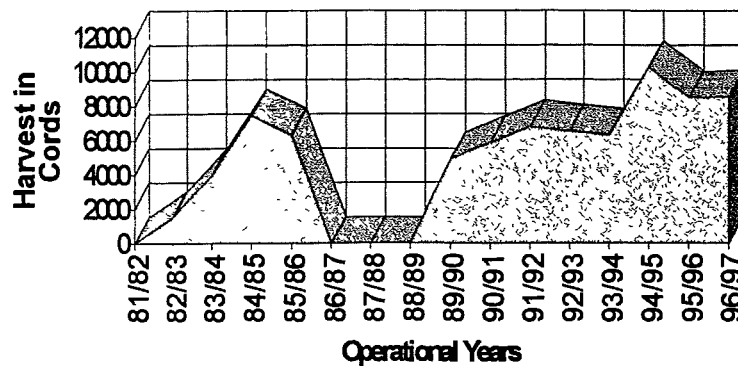
As planned, increased harvest levels of poplar (aspen) pulpwood reflect our intent to release emerging softwood stands from the mature intolerant overstories produced after fires of the first and third decades of this century. The aggressive harvesting of low-value aspen increased our hardwood harvest from 31% in FY 97 to 40% in FY 98. Accordingly, the volume of aspen also helped decrease our gross and net revenues. We plan to continue this approach, harvesting 200+ acres per year of these two-storied aspen-over-softwood stands so that after 10 years we have released the understory softwood on about 50% of the 4-5000 acres of this type currently on the SFMA. Aspen is a tenuous market for us, and we hope it remains stable and available in the coming years.

Lastly, a change in recording on the Block Summary sheet. In previous reports, our cut-to-length spruce/fir was recorded under "Studwood" primarily because our volume was sold based on weight, not scale. Since this material is shipped from the SFMA ready to saw, it has been recorded this year under "Spruce/fir Sawlogs". It probably should have been changed long ago.



Rottne single-grip harvester on the Wadleigh Bog Road

SFMA Harvest Level History



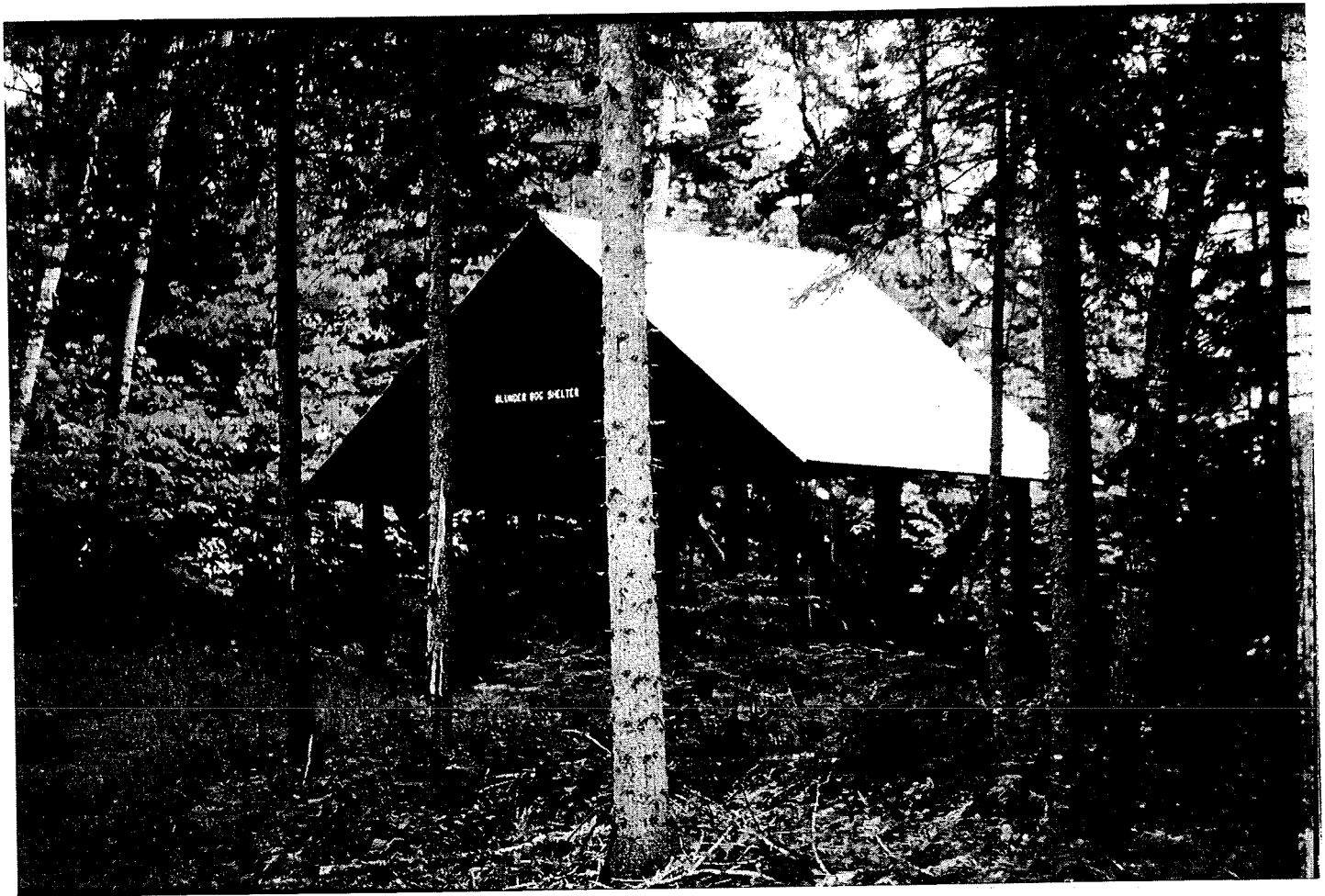
- **Volunteer work**

1997 was a very busy and productive year for the SFMA's volunteer program. We had ten talented and hard-working volunteer parties which dedicated over 560 hours towards many projects. Once again our hats are off to Frank Trautmann and Tom Goetz for the construction of Frank's home-grown Hudson Pond lean-to (materials compliments of Trautmann's Islesboro Tree Farm). The building of this lean-to represented the completion of a two year trail relocation which was made possible by many hard working volunteers. Other projects done this season included a new trail to Boody Brook, roadside mowing, Hudson Pond debris clean-up, and general maintenance throughout the SFMA.

1997 Webster Lake Volunteers:

Tom Goetz	5/12 - 5/22
Frank Trautmann	5/12 - 5/12
Tom Goetz	7/01 - 7/07
Eric Hendrickson	7/14 - 7/16
Phil and Nyoka York	7/18 - 7/24
John and Bill Gould	7/28 - 7/31
Tom Goetz	8/04 - 8/11
Jim Hamlin	8/25 - 8/30
Tom Goetz	9/01 - 9/08
Paul and Joanne Woodward	9/22 - 9/28

A special thanks to John Gould and party for the materials and work in the replacement of the kitchen cabinets and sink in Webster camp, Frank Trautmann for the materials and building of two new water-tight registration boxes, and to Tom Goetz for his titanic effort in the construction of the new Blunder Pond picnic shelter.



Blunder Bog Shelter - 1997

- **Road Construction and Maintenance**

As planned, about 4 miles of new management road was constructed on the SFMA, including 2,700 feet of narrow winter road in compartment 6. One small (10'x16') crossing was constructed over the headwaters of Hinckley Brook, the boundary between compartments 7 and 10.

In addition to new road construction, some funds were applied to the maintenance of the "Useless Road" accessing the SFMA from mile 46 of the Telos Road. Baxter State Park maintains a road use agreement with Bowater, Inc. providing for the use of this road in exchange for maintenance responsibilities. All wood products hauled from the SFMA south of Webster Stream must utilize the 6 miles of the Useless Road. Useless Road maintenance in FY 98 included the redecking of a small crossing at Carlton Brook and 1,500 feet of ditching between Carlton and Telos crossings.

Examination of the bridge deck at the Brayley Brook crossing on the Brayley Brook Road in compartment 9 revealed that the deck was rotted and in fact had broken in one place. Closer examination revealed that the abutments were also soft and decaying in spots. The crossing was built in 1990. For the time being, the deck was removed. This eliminates vehicle access to the northern area of compartment 9 (East Spur/West Spur). Discussion will continue regarding the reconstruction of this crossing to provide management, (particularly road maintenance equipment) to the summer roads beyond the crossing. The rapid decay of this hemlock structure is of concern, and discussion will continue regarding the utilization of more durable materials in the reconstruction of this crossing and other future crossings.

Volunteer Jim Hamlin utilized the Park brush mower to clean about 10 miles of SFMA roads. Brush mowing will be a necessity on about 15 miles of road per year in the SFMA. Planning for FY 99 will include discussion on methods to institutionalize this activity in the annual operations of the SFMA.

Mac Browning single-handedly constructed an entrance gate at the start of the Wadleigh Mountain Road. Finishing touches will be added early in 1998.

Summary of Road Construction and Maintenance Projects:

<u>Project</u>	<u>Length (feet):</u>
Wadleigh Mountain Rd ext.	5,510
Hinckley Brook Road	7,618
Junco Road	2,880
Lost Pond Road	3,000
<u>Fish Hawk Road (winter)</u>	<u>2,700</u>
Total 1997 Road Construction:	21,708 (4.1 miles)
Re-Deck Telos Brook Bridge	N/A
Hinckley Brook Crossing	N/A
Remove Brayley Brook Crossing Deck	N/A
Useless Road Ditching	1,500

As in past years, coated seed was applied in May of 1997 to the ditchline of all new construction from 1996. About 200 red pine were planted at various locations along new and previous construction.

IV. MANAGEMENT

- **GIS/block records**

Layout and entry of forest management polygons, or blocks, continues in pace with management activities. The SFMA currently has over 340 separate blocks recorded and displayed on our GIS.

- **SFMA eastern boundary**

The eastern boundary of the SFMA was scouted and largely flagged in 1996. Other than some additional flagging, no other work was done in 1997. Marking and painting are planned for 1998 from the section south of Webster Stream to the outlet of Frost Pond.

- **Marking**

Consulting Forester John Mills of Brewer completed his 9th season performing timber marking work on SFMA harvest blocks. John annually applies our silvicultural marking standards to nearly 1,000 acres of forest.



John Mills marking red maple in block 1021

V. RECREATION

- **Wadleigh Brook Trail**

After thorough review and discussion by BSP and SFMA Advisory and Park Staff, the decision was made to relocate a portion of the Wadleigh Brook Trail prior to the trail opening in mid-1997. The new location was flagged in early May and by late May Bissell, Browning and intern Daryn Deveau had completed the clearing and brushing of the new location.

In addition to trail work, volunteers continued the effort begun in 1996 to bag trash and debris from the old Harrison Camp at Hudson Pond. As with 1996, the debris was piled for removal by snowsled in the winter of 1998. This effort completed the debris removal from this site (about 4 or 5 pick-up loads). Some partially buried debris (glass jars, etc.) remains, but nothing is visible to the hiker passing by and a few years of growth will improve the naturalness of the site.

In early May, just prior to the trail relocation work, SFMA volunteers Frank Trautmann and Tom Goetz teamed up to assemble the prefab lean-to supplied by Frank Trautmann in 1996 and brought to the Hudson Pond site by snowsled early in 1997. The pair completed the lean-to in 2 1/2 days (with a slight delay waiting for 1/2 round siding that Bissell forgot to bring in by snowsled). The lean-to was equipped with a metal fire tray. The idea of a fire tray was provided by Park Director Caverly after a back country trip in Montana. The use of the tray is an attempt to confine ashes to a container and prevent leaching of chemicals from fire residues into the pond water. Campers are asked to carry the ash (scoop and bucket provided) to the box privy.

The trail was opened early in July and received many favorable comments from users. Use of the Hudson Pond lean-to was more than we anticipated in 1997 and the box privy was fully used. Plans for 1998 include establishing two sites and rotating the privy to a new site a mid-season.

- **Blunder Bog Shelter**

The Blunder Bog Shelter was completed in 1997 with many thanks to SFMA volunteer Tom Goetz. This shelter, in combination with the Halfway Brook Shelter (also constructed by Goetz) provides a gathering point for group tours and field meetings in the SFMA on both sides of Webster Stream. The Blunder Bog Shelter is also on the Wadleigh Brook Trail and provides a way station of sorts for hikers.

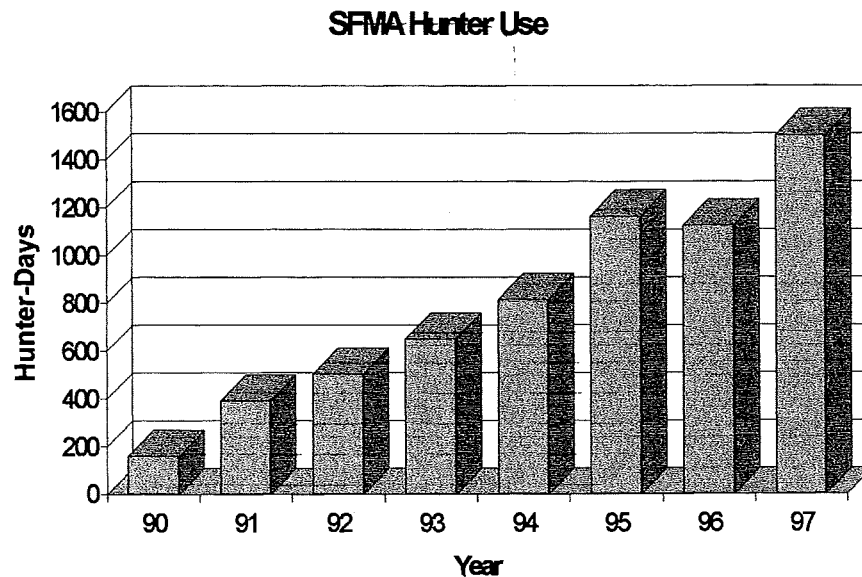
- **Wadleigh Notch Trail**

As an addendum to the Wadleigh Brook Trail project, a mile plus of new trail was constructed to provide reasonable access to the Boody Brook Natural Area. The Wadleigh Notch Trail leaves the Wadleigh Brook Trail about 2 miles from the trailhead on Park Tote Road near Trout Brook Crossing. The trail was rough-cleared in the fall of 1996 by volunteer Eric Hendrickson and finished in the summer of 1997 by Bissell, Browning and volunteer Tom Goetz. Increasing inquiries about this area over the past

few years, combined with excursions by both experienced and inexperienced hikers (often exiting well after dark) led to the decision to install the new section of trail.

- **Hunting Use**

In 1996 we felt that hunting use in the SFMA was starting to level off after many years of steady increases. Apparently, we were mistaken, as 1997 set a new high for hunter use on the SFMA. As in past years, we received many comments from hunters regarding our management, most of them very positive, a few critical. Hunter success seemed a little above average. The use of Mac Browning on patrol and enforcement one day per week (Saturday) increased the Park's presence in the area and provided plenty of opportunity to inform and educate users to the Deeds of Trust. The hunting season was without serious incident.



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VI. RESEARCH

After a trip into the Boody Brook Natural Area, Dr. Steven Selva submitted a research request to conduct a study of the order Caliciales lichen ("stubble lichens"). This request will be considered by the Scientific Study Review Committee in the spring of 1998.

VII. OTHER ACTIVITIES

- **Coffeeelos Camps**

After the installation of shower/toilet facilities in each camp, the original camp containing the shower room at Coffeeelos has been unnecessary. In the early 1997, the

camp was put out to bid and eventually sold to an individual from Levant, Maine. The camp was moved in July and the site was seeded over. A drain-back valve was installed from the water line of the original camp to provide water access in the summer months to temporary crew.

The installation of a solar power system for the camps has proven successful. Generator use during 1997 dropped to almost zero. 1997 also marked the final year of buy-out payments to Randy Cyr, Inc. for the purchase of Cyr's share of the camp establishment and improvement costs.

- **Austin Cary Lot**

Management activity intensified on the Austin Cary Lot in 1997. Mid-Maine Forestry completed a cruise of the area in the summer and proceeded to work as a member of the Austin Cary Lot Committee to craft a first draft of a full management plan for this interesting parcel. By early December, ACL committee members had completed work on the draft and the plan was sent to abutters, Harpswell selectmen, the Brunswick library and interested conservation groups in the area. An informational meeting in Harpswell is planned for early in 1998 to review the draft with interested parties. The committee's intent is to provide a final draft for consideration by the Baxter State Park Authority by the summer of 1998.

Scientific Forest Management Area
Wood Products Harvest Summary, FY 98

PRODUCT	VOLUME IN M-LBS	%GRP %TOT	GROSS REVENUE (\$)	%GRP %TOT	SERVICE COSTS (\$)	%GRP %TOT	NET REVENUE (\$)	%GRP %TOT
Hemlock Sawlogs	0.000	0%	0.00	0%	0.00	0%	0.00	0%
Pine Sawlogs	1,195.807	5%	47,350.62	6%	25,573.66	6%	21,776.96	7%
Spruce/Fir Sawlogs	22,585.960	93%	688,871.78	92%	394,744.56	92%	294,127.22	93%
Cedar Sawlogs	596.595	2%	10,842.60	1%	9,724.50	2%	1,118.10	0%
TOTAL SFTWD LOGS	24,378.362	58%	747,065.00	77%	430,042.72	59%	317,022.28	133%
Spruce/Fir Studwood	0.000		0.00		0.00		0.00	
TOTAL STUDWOOD	0.000	0%	0.00	0%	0.00	0%	0.00	0%
Pine Pulpwood	629.820	75%	6,928.02	75%	10,273.77	70%	-3,345.75	61%
Hemlock Pulpwood	214.980	25%	2,364.78	25%	4,502.88	30%	-2,138.10	39%
TOTAL SFTWD PULPWOOD	844.800	2%	9292.80	1%	14776.65	2%	-5483.85	-2%
TOTAL SFTWD PRODUCTS	25,223.162	60%	756,357.80	78%	444,819.37	61%	311,538.43	131%
Hardwood Sawlogs	778.850	96%	19,773.51	90%	16,199.35	98%	3,574.16	67%
Poplar Sawlogs	1.200	0%	15.60	0%	13.02	0%	2.58	0%
Birch Veneer	22.520	3%	1,947.80	9%	105.70	1%	1,842.10	34%
Poplar Veneer	5.310	1%	127.44	1%	171.86	1%	-44.42	-1%
TOTAL HRDWD LOGS	807.880	2%	21,864.35	2%	16,489.93	2%	5,374.42	2%
Poplar Pulpwood	10,861.500	68%	135,357.46	70%	184,004.06	68%	-48,646.60	1%
Mixed Hardwood Pulpwood	5,049.168	32%	57,883.69	30%	88,001.73	32%	-30,118.04	0%
TOTAL HRDWD PULPWOOD	15,910.668	38%	193,241.15	20%	272,005.79	37%	-78,764.64	-33%
TOTAL HRDWD PRODUCTS	16,718.548	40%	215,105.50	22%	288,495.72	39%	-73,390.22	-31%
TOTAL ALL GROUPS	41,941.710		\$971,463.30		\$733,315.09		\$238,148.21	
REVENUE PER M-LBS			\$23.16		\$17.48		\$5.68	

Note: Service Costs include \$148,500 in per diem costs for Valmet Forwarder/chain saw crew.

Volumes do not include minor amounts of Pine and Cedar logs and hardwood pulpwood utilized internally.

Costs do not include \$44,837.54 in road use fees.

Block Harvest Summary - 1998

(All products in thousands of pounds)

BLOCK #	ACRES	CEDAR LOGS	HEMLOCK LOGS	PINE LOGS	SPR/FIR LOGS	HEMLOCK PULP	PINE PULP	BIRCH VENEER	POPLAR VENEER	POPLAR LOGS	HARDWOOD LOGS	HARDWOOD PULP	POPLAR PULP	FIREWOOD		TOTAL HWD PRODUCTS	TOTAL SOFTWOOD PRODUCTS	% OF HWD	% OF SOFTWOOD	TOTAL VOLUME	TOTAL CORDS	CORDS/PER ACRE
1013	51			3.427	1062.66						15.25	227.72	1341.94			1584.910	1066.087	60%	40%	2650.997	553.89	10.86
1015	16				218.854							63.960	1037.260			1101.220	218.854	83%	17%	1320.074	268.88	16.80
1017	34				524.780							269.320	664.540			933.860	524.780	64%	36%	1458.640	303.4	8.92
1018	60				792.780							110.700	990.260			1100.960	792.780	58%	42%	1893.740	396.4	6.61
1020	49				1008.160							314.380	1241.920			1556.300	1008.160	61%	39%	2564.460	535.3	10.92
5025	54													16.000		16.000	0.000	100%	0%	16.000	3.2	N/A
6010	20			43.173	437.642			7.280			62.488	118.470				188.238	480.815	28%	72%	669.053	144.5	7.22
6011	40	104.710		38.206	1213.418	2.378	3.944		1.593		32.000	341.068				374.661	1362.656	22%	78%	1737.317	377.7	9.44
6013	25			170.253	625.824	7.134	11.832		3.717		33.530	175.584				212.831	815.043	21%	79%	1027.874	223.7	8.95
6017	67			49.289	1137.842		25.9				112.580	140.442				253.022	1213.031	17%	83%	1466.053	320.2	4.78
6018	43	67.620		130.205	940.242	14.268	23.664				8.470	83.942				92.412	1175.999	7%	93%	1268.411	279.8	6.51
6019	78	157.000		298.171	1986.346		42.850	11.35			186.122	1004.754		25.000		1227.226	2484.367	33%	67%	3711.593	797.5	10.22
6020	33				236.168							25.288				25.288	236.168	10%	90%	261.456	57.5	1.74
7004	68			7.728	904.466		67.132				4.750	106.820	2030.550			2142.120	979.326	69%	31%	3121.446	646.1	9.50
7005	36	5.410		14.871	1186.760		278.344					187.920	1210.340			1398.260	1485.385	48%	52%	2883.645	609.7	16.94
7007	55	10.819		27.098	1585.100		36.880	0.18			15.165		527.080			542.425	1659.897	25%	75%	2202.322	477.4	8.68
7009	48	88.557		7.728	2776.354		39.804				5.400	247.680	552.650			805.730	2912.443	22%	78%	3718.173	808.4	16.84
7011	65			11.592	447.100		59.920				7.125	187.418	1121.180			1315.723	518.612	72%	28%	1834.335	378.4	5.82
11045	16			5.683	397.388	36.680		0.99		0.165	14.997	110.740				126.892	439.751	22%	78%	566.643	123.1	7.69
11092	28			7.577	824.300	56.720		1.32		0.220	89.916	102.780				194.236	888.597	18%	82%	1082.833	236.3	8.44
11096	32													24.000		24.000	0.000	100%	0%	24.000	4.8	N/A
														</								

D. INFORMATION/EDUCATION

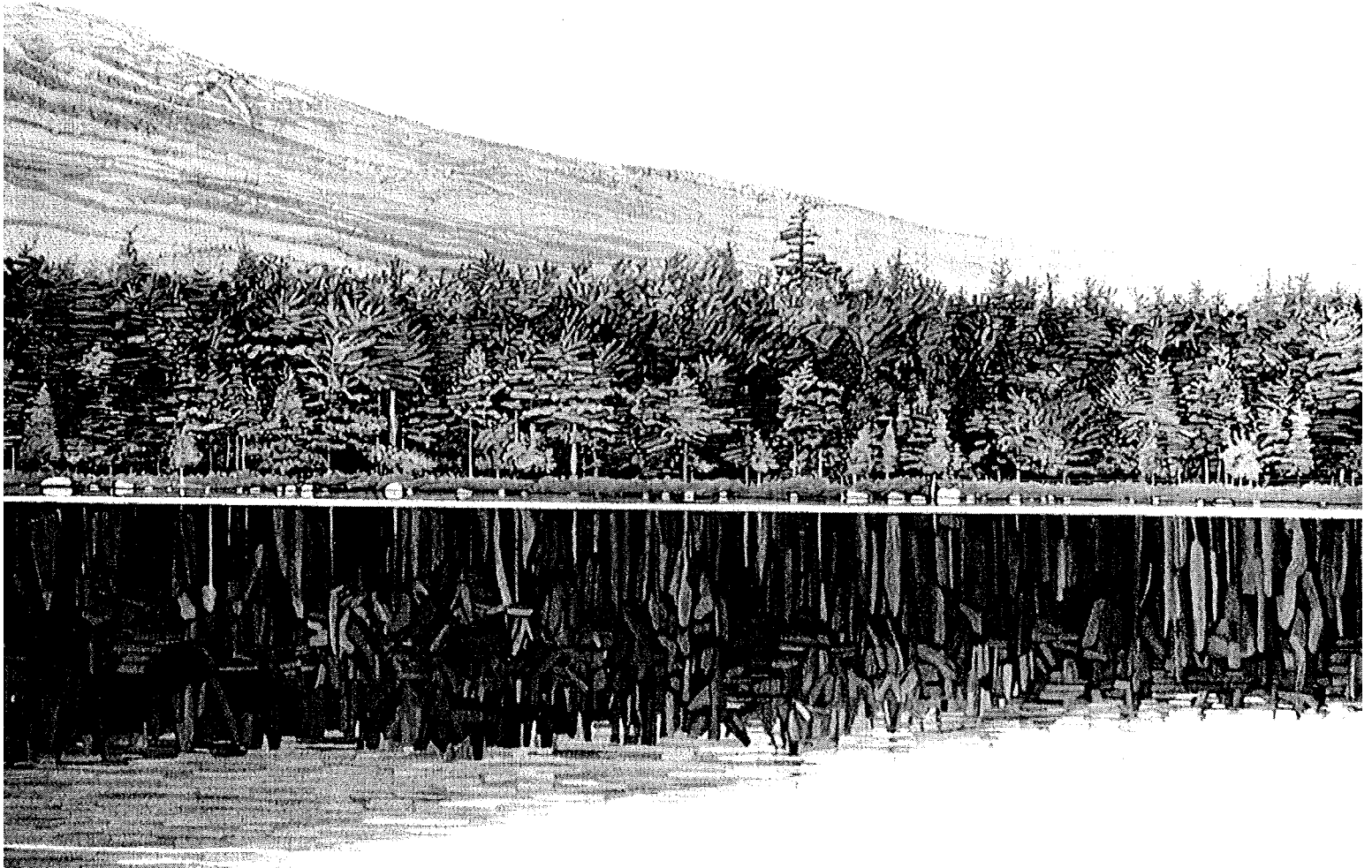


Illustration: Pamela Redick

...The moon came up behind the black trees to the east and the wilderness stood forth, vast, mysterious, still. All at once the silence and the solitude were touched by wild music, thin as air, the faraway gabbling of geese flying at night.

...suddenly I saw, in one of those rare moments of insight, what it means to be wild and free...The haunting voices grew fainter and faded in distance, but I sat on, stirred by a memory of something beautiful and ancient and now lost-a forgotten freedom we must all once have shared with other wild things, which only they and the wilderness can still recall to us, so that life becomes again for a time the wonderful, sometimes frightening, but fiercely joyous adventure it was intended to be.

--Martha Reben (from A Sharing of Joy)

1997 Annual Report--Information/Education

PUBLIC PROGRAMS

Public presentations continue to be offered throughout the state at no cost to the requesting organization as a service to the citizens of Maine and benefactors of Governor Baxter's gift of Baxter State Park.. Through the Director, administrative staff including the Park Naturalist, are scheduled to offer programs throughout the year specific to their area of expertise. Talks can range from simple "show and tell" for 1st graders, to programs on alpine plants for high school and college students, and resource and visitor management issues for hiking clubs and park visitors. Most programs involve some preparation time and travel time but the objective is to communicate information about the natural resources, the origin, the mandate and the policies of Baxter State Park to as wide an audience as possible. The end goal is to generate a feeling of pride and personal commitment to preserving the fragile beauty of Baxter State Park for future generations of users. The following is a list of some of the groups to which the Naturalist spoke in 1997:

Molunkus Fish & Game Club
C.A. Dean Nursing Home, Greenville
Hichborn Middle School, Howland
"Take Our Daughters to Work Day" Celebration at the State Capitol
East Millinocket Cub Scouts
Orrington Center Drive School
Millinocket Middle School Science Camp
"Becoming an Outdoor Woman" Program--"Hiking & Backpacking", "Equipment
Tips for the Outdoors" workshops.
Sherman/Phillipsburg Community Exchange
Brownville Elementary
Millinocket Garden Club
Abenaki Council Girl Scout Leader Training
Montana-Maine 4H Exchange
Hodgdon Elementary
Penobscot Area Trekkers and Hikers
East Millinocket Tiger Cubs

Other outreach activities included: working with Channel 12 during the filming of a documentary on writer Henry David Thoreau's Maine, attending meetings of the Forest Society of Maine on a regular basis and attending a Maine "Partners in Flight" meeting at U.M. Orono. The park's willing participation in

the "Take Our Daughters to Work Day" celebration in Augusta resulted in an invitation for the Park Naturalist to join a steering committee in designing a conference for women employed by the State of Maine in non-traditional careers. Meetings were held beginning late in 1997 and a 1998 conference is the expected result. Members of the steering committee include an engineer and a heavy equipment operator from Dept. of Transportation, game warden from IF&W, Ranger from the Maine Forest Service, State Liquor Enforcement Agent, Maine State Police Detective, Park Manager for the Dept. of Conservation, and Department of Corrections Officer, etc.. In addition to being a worthwhile project for agencies with women employed in non-traditional jobs, representation at the steering committee meetings have also helped the park build and strengthen important contacts in other agencies.

During the summer of 1997, as in previous summers, the park naturalist organized and participated in the annual Daicey/Kidney Pond evening program series, offered in July-August. The generous assistance of many staff and volunteers help make this series an interesting highlight of the camping season for visitors and local residents. (See: Appendix)

Outreach also occurred in the written form. An article written by Jean Hoekwater on "Butterfly Poaching for Profit in Baxter State Park" was published in the Northeastern Naturalist (see: Appendix). Also printed by year's end was a brochure on Katahdin's Alpine Tundra. The draft of this brochure, produced jointly by former SCA Resource Assistant Michelle Lee and Jean Hoekwater, was combined with artwork donated by artists Pam Redick and Phine Ewing. The brochure is designed to address three educational objectives: First, to identify and explain some of the unique plants and characteristics of the alpine zone. Second, to explain appropriate hiker behavior in this special area and thirdly, to give hikers necessary safety tips for hiking on Katahdin.

Training

In April, all year- round Baxter State Park staff attended one- and- a -half days of Equal Employment Opportunity and Sexual Harassment training. This workshop was designed to alert all of us to our responsibilities in these areas as state employees and workplace supervisors.

The Park Naturalist was fortunate to attend a week-long course on "Applied Ecological Restoration" July 14-18 at the Humboldt Field Research Station in Steuben, Maine. The course was taught by John Monroe, a practicing restorationist from Pennsylvania. The class included a wide variety of professionals involved in everything from urban water districts, to urban and rural

parks, to de-commissioned military bases, to non-profit environmental organizations and state DEP agencies. Several interesting sessions pertinent to management of Baxter State Park covered topics such as the implication of exotic/invasive plants for ecosystems, appropriate and effective stabilization of disturbed river banks and general information on bioengineering materials.

In mid-September, as a result of the Wilderness Managers Conference, attended by Park Director Caverly in Montana in May, the Park Naturalist, along with the Chief Ranger and the Resource Manager, traveled to Gorham, N.H. for a four-day workshop on Leave-No-Trace techniques and the Wilderness Curriculum. Co-sponsored by the U.S. Forest Service, National Park Service and the national Leave-No-Trace office in Colorado, this conference was also a valuable gathering for contacts in our neighboring White Mt. National Forest as well as farther afield. The format included several days of lectures and an overnight camping trip in the White Mts. to practice teaching/demonstrating Leave-No-Trace techniques. Since this training, approximately 150 of the Leave-No-Trace (Northeast Mountains version) 24-page booklet have been ordered by the Park Naturalist for program use. Some have been distributed by the Chief Ranger at meetings on testing and training for Maine Trip Leader certification, one is being sent to each scout group reserving the Abol Scout Area, copies were given to each BSP employee attending the 1997 fall retreat and numerous copies are being used during programs for scout and community groups visiting the Park. While the program does not apply in its entirety to the Park, it is a well-designed educational attempt to foster a national ethic of low-impact park use across widely divergent natural/cultural environments. In support of the movement to develop a national ethic of low impact use, park staff find it appropriate to refer to and disseminate the general Leave-No-Trace guidelines, along with more site-specific information we have developed to communicate specific Baxter State Park guidelines on the same subject.

In November '97, an outreach project of a different sort was begun. In a meeting between the Park Director, Naturalist, BSP Advisory member Ed Dwyer, MATC President John Neff, ATC New England Regional Representative Kevin Peterson and Daicey Pond (CRI's, AT Shelter managers) Marcia and Gabe Williamson, it was determined that the Park needs to address the very specific information needs of the Appalachian Thru-Hiker. Sharing the perspective of the ATC, headquartered in Harper's Ferry, West Virginia, Kevin Peterson explained that a brochure orienting AT hikers to both the environment and the policies unique to the Park could easily be included in their standard AT information packet they mail out to folks inquiring about the AT. Along with examples of information from the White Mts. and from ATC information specialist Laurie Potteiger, we brainstormed a list of important facts/policies to include in this

brochure. By the year's end, a draft had been completed and mailed to all interested/participating parties for editorial comment. At this time, it is unclear what will happen next with the draft but it was produced in rough form soon enough to be useful for several trail guide publishers that had relayed their information needs via Ms. Potteiger at the ATC. Long-term, the attempt to explain and relay policies in the brochure highlights the very real need to acknowledge the implications of increased trail publicity and use as it applies to Baxter State Park, home of the northern terminus of the trail. Questions of accommodating increased numbers of thru-hikers at Daicey Pond or elsewhere in the Park, facilitating shuttle and drop-off hikes of Katahdin and dealing with the increased demands to hike Katahdin earlier and later in the season than our policies currently allow, are all topics in the forefront as we face upcoming seasons.

Meetings, etc.

In addition to the usual schedule of regular Advisory sub-committee and work group meetings, the year included several unusual opportunities and occasions, including the year's highlight: the April meeting in the Governor's Press Room at the State Capitol building, during which Governor King announced the addition of the West Branch land parcel to Baxter lands.

In 1997, the Park Naturalist attended Park Use Committee meetings as held as well as the usual Advisory/Authority meetings. Also the Park History sub-committee continued to meet and work toward publishing Dr. Trudy Scee's manuscript, outlining the period of Park history from 1970-1995. The naturalist also attended several meetings of the Director-appointed West Branch Lands Committee and , along with other year-round and seasonal staff attended the public hearing the BSP Authority hosted on the new land acquisition in Oct. 16 in Millinocket.

The Director's Research Committee met in the spring to discuss the upcoming field season and make recommendations on proposed research. The annual fall meeting held Sept. 11-12 was a very interesting one. At Resource Manager Jensen Bissell's invitation, we joined the Scientific Forest Management Area Advisory for a field trip into the Boody Brook Natural Area, using the newly-cut access trail to the area. During the trip SFMA Advisory and researcher Alison Dibble made a presentation on the permanent plots she had established in the SFMA to study red spruce regeneration (see appendix). The Director's Research committee once again enjoyed the hospitality of Trout Brook Campground Ranger I Jonathan Milne on the evening of 9/11 and the company of Director Caverly and his wife Janice during our evening meal. Thanks to all for making this fall meeting a pleasant and productive tradition.



Members of the BSP Director's Research Committee on Fall field trip to Boody Brook - left to right
Dave Field, Richard Dearborn, Jean Hoekwater, Roy Farnsworth

1997 included an unusual number of trips to Augusta for assorted reasons, beginning with a committee on L.D. 127 in late February. This bill, sponsored by state representative Joe Clark of Millinocket, prohibits the removal or alteration of any facility/structure in BSP without legislative review. The bill, as written, is a clear threat to normal and efficient operations in a park the size and nature of Baxter. Park Director Caverly represented the park at the bill's hearing before the Agriculture, Conservation and Forestry Committee and subsequently requested attendance of his administrative staff at the committee workshop on the bill on February 20, 1997. Committee members took the opportunity to ask general questions about management and operations at Baxter and expressed admiration for the work being accomplished. Current information available at the printing of this report indicates L.D. 127 was tabled at that time and carried over for consideration in the 1998 legislative session.

The Park Naturalist was also involved directly with the hearing and workshop on L.D. 789 in late winter. Jodi Jones of the Maine Audubon Society requested a statement from the Park supporting the addition of the Katahdin Arctic butterfly (Oeneis polixenes katahdin) to the Maine endangered species list. As a rule, the park rarely becomes involved in legislative matters outside the jurisdiction of the park; however, this legislation included consideration of several of the rare species found in Baxter and offered opportunities for supplementing the minimal protection offered by our own park regulations. Director Caverly approved the park's participation in the hearing and workshop on L.D., in the person of Park Naturalist Jean Hoekwater. Following oral testimony at the hearing (see: Appendix, letter read and submitted to IF&W Committee) and an extensive

question and answer period, during which she showed committee members the federally-confiscated specimens of Katahdin Arctics, Jean was then asked to return to Augusta for the workshop session on the same bill a few weeks later. The workshop session evolved into a species-by-species examination of proposed additions to the existing state list of endangered and threatened species, established in 1986. In that context, the issue of state protection for the Katahdin Arctic butterfly came up once again as well as discussion on the American Pipit, a bird nesting only on Katahdin and Mt. Washington in the Northeastern United States. Ultimately, the list of 20 proposed additions to the 1986 list of Maine state endangered/threatened species was passed by the committee and went on to be approved by both the House and Senate with an amendment requiring an annual status report from Maine IF&W biologists with mechanisms in place to remove species from the list if their biological status improves over time.

In the spring, the Naturalist finished up work on the fiberglass model of Katahdin, adding the final touches of paint just a day before delivering to Governor King on April 3rd. The following week, the BSP purchase from Bowater of the 2,669 acre "West Branch Lands" was announced by Governor King in his press room with many members of the press, Park Advisory, and BSP staff present for the occasion. Wrapping up several months of unusual occasions in Augusta, on June 25, the Park Director and Park Naturalist Jean Hoekwater were invited by Downeast Magazine to attend a reception at the Blaine House celebrating the magazines choice for the 1997 Environmentalist of the Year Award, College of the Atlantic president Steve Katona. It was certainly a special event, made doubly pleasant for Jean since she is a graduate of C.O.A. and enjoyed seeing many old friends there. The afternoon was also an excellent chance for both staff members to visit with many users and strong supporters of the Park.



BSP Volunteer Dorcas S. Miller, on the trail to Chimney, January '97

Park field trip highlights in '97 began with winter Chimney Pond days off coverage for the Chimney Pond Alpine Ranger. Jean chose park volunteer Dorcas Miller to accompany her during her January dates at Chimney. The weather was blustery and very cold but as usual, provided a valuable chance to increase awareness regarding the information needs of winter visitors. Another memorable late winter trip to Chimney Pond, with the Director and Resource Manager resulted in a long night escorting some enthusiastic snowboarders and their balky snowmobile through the dark while giving a resident moose "trail right-of-way" privileges for several hours coming out from Roaring Brook! In early March, the Park Director, BSPA Authority member and Director Charles Gadzik and the naturalist traveled into Russell Pond for an overnight stay and snowshoe trip back through Turner Deadwater during some beautiful weather conditions. In February, the Park Naturalist escorted Bangor Daily News writer Susan Young into Kidney Pond Campground on a snowmobile. Susan was on special assignment for National Geographic, writing descriptions of state Parks throughout the U.S.. After a tour of the south end of the Park and an enjoyable snowshoe hike near Kidney Pond, Susan better understood the Park's management philosophies and physical layout. A copy of the book including Susan's description of BSP was sent to the Park at the project's conclusion and is available at Hdqtrs..



BSN & *National Geographic* writer
Susan Young on field trip to Kidney
Pond Camp

Spring was slow in arriving in the park in 1997, necessitating the closure of many popular trails, including Katahdin trails, until June and later in some cases. The few trails that were in condition to be hiked consequently received more than the usual numbers of eager spring hikers. One such trail was the Sentinel Mountain trail. A goshawk has nested along this trail for at least six seasons. As a species, goshawks have a reputation for being extremely territorial and fearless in dive-bombing any perceived predators. Until 1997, perhaps only once or twice a year the naturalist would receive a report from hikers that they had encountered the goshawk nest and experienced the territorial behavior, though not to the extent of danger to themselves or hiking partners. Perhaps because of significantly increased foot traffic during spring '97 or some other unknown factor(s), the goshawk became much more territorial. Reports began coming into campground rangers at Kidney, Daicey and Katahdin Stream, indicating that the female goshawk was actively dive-bombing hikers as they passed along the section of trail nearest the nesting site. We first tried the educational approach, posting information for both hikers and distributing information to campground rangers regarding goshawks, their lifecycles and habitat requirements. To prevent the bird from expending energy necessary for proper egg incubation and to prevent injury to hikers, the Naturalist and Trails Supervisor visited the site and attempted to determine a viable detour. A short section of trail was flagged in one afternoon, prompting no aggression from the bird, giving us hope for the success of this solution. After posting signs detailing the need to use the detour at the trailhead, the park continued to allow hiking on the Sentinel Trail; use remained high due to very few trails being opened. Three days after the initial flagging of the route, CRI Neal Sleeper, of Kidney Pond Campground was working alone to clear the detour route of brush and saplings when the goshawk dive-bombed him, hitting him hard enough to scratch him and remove his hat in the process. The incident was one of several aggressive contacts that convinced us to discontinue use via the detour; it was time to close the trail for the remainder of the incubation and nestling phase. In late July, the trail was reopened with no subsequent problems. Since goshawks traditionally nest in the same area year after year, consideration is being given to permanently relocating the trail far away from the original location in 1998.



July 10 Katahdin Hike - left to right
Chris Drew, Jensen Bissell, Lester Kenway, Buzz Caverly

On July 10, responding in part to concern from staff and visitors regarding the safety of Abol Slide, we held a "staff meeting" on Abol Slide. The Park Director, Chief Ranger, Naturalist, Resource Manager and Trail Supervisor all ascended Abol Slide, hiked to the summit and descended the A.T. on this beautiful day. Other than the natural instability inherent to slides and Abol's obvious moisture/instability conditions in the early spring, we noted no increase in the danger of this particular route from year's past. We acknowledged, as staff stationed at Abol Campground have for years, that the trail can be especially treacherous for large groups traveling together, due to the likelihood of loose rock dislodging and striking other hikers. We took special note of the visitor impact where the slide tops out onto the Tableland and noted also somewhat improved conditions (over recent years) near Thoreau Spring, probably due to restricting on-mountain traffic until very late this year due to the delayed spring thus protecting the fragile areas most prone to damage. The Park Naturalist was able to take a picture near Thoreau springs to compare with a historically valuable 7/49 photo from the same spot (Jake Day Collection).



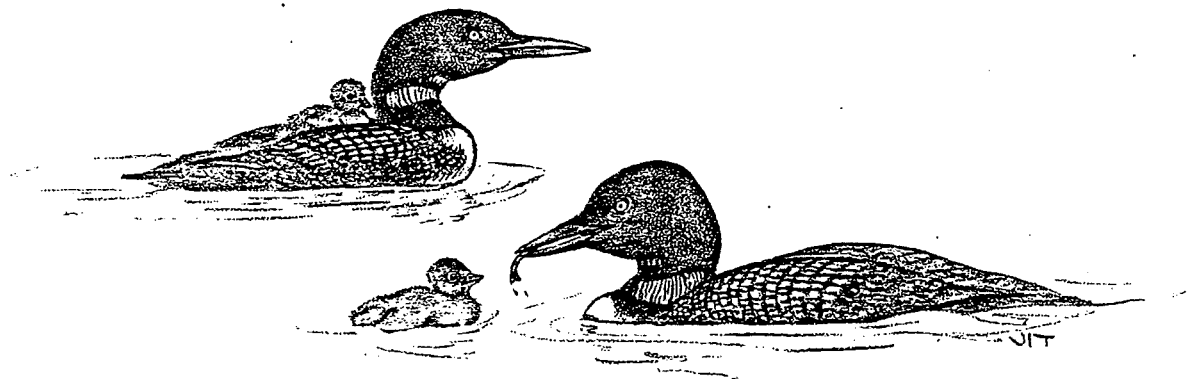
↑ Thoreau Springs, 7/19/59 (Jake Day Collection)
↓ Thoreau Springs 7/19/97 (Hoekwater)



After lunch, we all enjoyed visits on the summit with hikers and answered questions and took pictures of folks as requested! We then hiked down Cathedral to view some trail work with Trails Superior Kenway explaining the techniques and reasoning used in maintaining this steep section for heavy foot traffic. After discussing the need for using the "minimum tool" and keeping trail maintenance as natural appearing as possible, given the use levels in a certain area, we proceeded down to the Baxter Peak cut-off trail, back across the Tableland and down the Hunt Trail. It was an extremely valuable opportunity for several managers to see the same ground, under the same conditions, at the same time and such opportunities always improve the chances for good policy/information efforts in the future.

1997 Loon Count

The 1997 Maine Audubon Loon Count took place from 7:00 -7:30 AM on Saturday, July 19. The forms did not arrive and get distributed until later than usual but despite the glitches, we still had the generous participation of many staff and volunteers. Weather conditions were very cool- 50 degrees- and very windy at most observation points. A total of 20 adults and only one chick were viewed in these conditions over 13 different observation sites. Thanks to everyone involved in the annual event, especially the following staff and volunteers: Brendan Curran, Diane Frelove, Loren Goode, Phil Hill, Christian McGinn, Wendy Roberts, Neal Sleeper, Keith Smith, Arthur Tenon, Judy Wentzell and Bruce White.



Maine Audubon Loon Count-July 19,1998				
Site	Adults Seen 7/19/97	Adults Usually Seen	Chicks Seen 7/19/97	Chicks Usually Seen
Celia	1	0	0	0
Grassy	0	0	0	0
Jackson	2	0	0	0
Kidney	3	2	0	1
Lily Pad	0	0	0	0
L. Rocky	2	0	0	0
B. Rocky	0	2	0	0
L. Togue	2	2	0	0
Matagamon	5	12-15	0	0
U. South Br.	0	2	0	0
U. Togue	0	2	0	1
Wass.	2	2	1	1-2
Hay Lk.	3	4	0	0
	20	28-31	1	2-4

Only reported known nest sites were two on Matagamon, one on Upper Togue, one on Wassataquoik Lake, and one on Kidney Pond.

1997 Mountain Patrol

As in past seasons, mountain patrols have been the responsibility of various trail crew members throughout the season. The purpose of these above-treeline patrols is to gather data in an effort to document the social experience of visitors on Katahdin. The Rangers at Chimney Pond, CRI Greg Hamer and CA Frank Taylor and the individual trail crew members are the people who make this program possible.

In 1997, the Park Naturalist was unable to staff the seasonal SCA Alpine Steward positions, so mountain patrol and data collection duties were once again accomplished solely through the trail crew's cooperative efforts. SCA Resource Assistants who participated in 1997 include: Dan McDonnell, Ted Dellesky, Kathy Spengler, Karen Shantz, Mac Cashin, Amy Livingston, Mark Baker, Brian Banton, and Deborah Hafford.

In 1997, a total of 35 completed mountain patrol forms were turned in to the Naturalist. Out of 35 total patrols, 26 were carried out on Class II days, during which the weather was less than ideal for hiking. Many of the data forms include notes emphasizing the lack of visibility above treeline, an important factor when considering the visual estimates they recorded at each stop. Obviously, fewer people hike in less desirable weather conditions but also, the estimates of individuals viewed above-treeline drop accordingly because patrollers simply cannot see through the rain and fog. The total number of people encountered in a single patrol day, leaving from Chimney Pond Campground and returning to Chimney via marked trails, ranged from a low of 24 people on September 21, a Class III day with 55-60 mph gusts and snow sleet and fog, to 200 people seen on July 12 and August 31, both Class II days with a chance of thunderstorms. The average number of people met while patrolling for an entire day was about 85 people. (See Appendix for additional Mountain Patrol information.)

APPENDIX - INFORMATION/EDUCATION



BUTTERFLY POACHING FOR PROFIT IN BAXTER STATE PARK, MAINE

JEAN HOEKWATER *

ABSTRACT - The Katahdin arctic butterfly, *Oeneis polixenes katahdin* Newc. (Lepidoptera: Nymphalidae), is found only on the tableland of Mount Katahdin in Baxter State Park and has been nominated for endangered status in Maine. Collection of living organisms is prohibited in BSP without special permit from the park director. In 1992, US Fish and Wildlife Service agents seized 37 Katahdin arctic specimens in the course of an extensive investigation of a three-person poaching ring that specialized in protected butterfly species. The incident highlighted the need for park management to revisit the scientific collection permitting policy for researchers and the need for increased patrol efforts on behalf of certain species. Increased citizen awareness of the vulnerability of rare species in today's acquisitive culture has generated a healthy dialogue between entomologists, resource managers and enforcement agencies.

On August 1, 1995, in San Jose, California, US District Court Judge James Ware pronounced sentences for two individuals convicted of poaching protected butterfly species, culminating a three-year investigation by the US Fish and Wildlife Service. This poaching case was one of the largest ever involving federal lands, both in terms of the number of sites and the number of specimens involved, and the first for the poaching of protected butterflies. As the sentences were announced and the case was completed, it became apparent that this landmark investigation and prosecution had highlighted the vulnerability of rare insects to unauthorized collection on public lands. To this day, the case continues to generate controversy and discussion. What follows is a summary of the butterfly poaching case and its implications for Baxter State Park (BSP) in managing one population of butterfly, the Katahdin arctic.

Baxter State Park is a 202,064 acre (81,807 ha) tract of largely forested wilderness donated to the people of Maine, to be maintained in perpetuity as stipulated in the deeds of gift to the land. Former governor of Maine, Percival Baxter created the park, buying all the lands with his own money. When he died in 1969, he left a seven million dollar trust fund to be managed so that park operations could be self-supporting, with the only additional operating funds coming from camping fees.

* Baxter State Park, 64 Balsam Drive, Millinocket, Maine 04462

During his lifetime, Percival Baxter jealously guarded the park against any intrusions. To this day, park staff respond to the many special requests for special use permits only after first referring to Governor Baxter's writings and deeds of trust for guidance. In deference to Baxter's wish that preservation of the park's natural resources always be the first priority in management decisions, the BSP Authority and staff have a reputation for taking very conservative positions on many issues, including the collection of living plants and animals (as well as geological specimens).

In 1939, after a day in the field with Dr. A. E. Brower of the Maine Forest Service, BSP's first seasonal ranger, Richard Holmes, noted that Brower was concerned about the extent and rate of amateur and scientific collection on Katahdin and seemed "to believe in limiting moth and butterfly collectors" (Holmes 1939). Park policy concerning collecting was formally adopted in writing in the mid-1940's and has since undergone periodic review. However, for many years professional and amateur publications specified locations and promoted the collection of butterflies and other specimens without recognition of the park's unique goals and regulations. Lepidopterists consulting The Peterson Field Guide to Butterflies (Klots 1951), could find on page 16 a photo of the

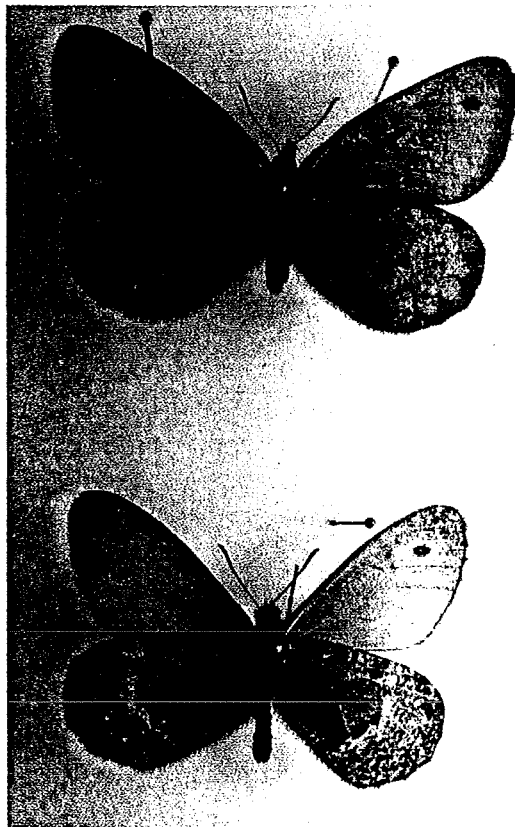


Figure 1. The Katahdin arctic butterfly, *Oeneis polixenes katahdin* Newc. Top, dorsal view. Bottom, ventral view.

Katahdin tableland accompanied by text describing it as a textbook example of an arctic/alpine zone and specifying exact trail access to this "famous collecting ground." The revised Peterson Field Guide to Butterflies (Opler 1992), eliminates this problem by featuring a generalized habitat guide and devoting considerable space to discussion of responsible collecting and the necessity to conform to regulations in the areas visited.

Among the unique species BSP is charged with protecting is *Oeneis polixenes katahdin* Newc., the Katahdin arctic butterfly. A medium-sized, gray-brown butterfly, the Katahdin arctic is a subspecies of a holarctic genus of butterflies called the arctics and is found only on Katahdin (A.E. Brower 1977). The adult is covered with thick dark "hair," giving it a distinct furry appearance in the field. Wing patterns vary greatly, and separation of sexes in the field by amateurs is next to impossible (pers. comm., Richard Dearborn, Maine Forest Service). The butterfly is often seen at elevations of about 4,200 feet to 5,100 feet (1280 to 1554 m), on Katahdin slopes and the windswept expanse called the tableland (Fig. 2), from late June through late July. Even during these months, the climate on Katahdin is harsh, by human standards. Snow and ice storms have been recorded during every month of the year, and relentless winds drive cloud-borne moisture and fog across the high, flat plateaus.

The Katahdin arctic has a two-year life cycle. The eggs are laid on or near alpine sedges and rushes in July and, after hatching, the larva feeds



Figure 2. "Tableland" on Mt. Katahdin, elevation approximately 4,600 ft. (1402 m). Photo, courtesy of Ken Wadness.

until cold weather forces it to hibernate. The following season, the larva again feeds all summer, as conditions allow, and achieves full growth. The larva hibernates over a second winter and enters a pupal stage the next June for a brief period of transformation to an adult butterfly (pers. comm., Richard Dearborn, Maine Forest Service). The Katahdin arctic usually stays near ground level but, if approached, uses the nearly constant winds above treeline to elude the observer. Due to the Katahdin arctic's highly localized distribution and the prevalence of severe weather during periods of emergence and breeding, this subspecies is prone to wide fluctuations in numbers and may be unable to sustain a viable population if collecting occurs when numbers are low. In fact, (Brower 1977) specifies that "the Katahdin Arctic Butterfly should not be collected."

In July 1992, officials from the US Fish and Wildlife Service notified BSP that 37 mounted specimens of the Katahdin arctic butterfly had been confiscated in the course of an investigation into possible violations of the US Lacey Act of 1900 and the Endangered Species Act of 1973. In December, 1993, three people were indicted for poaching butterflies protected by federal and various state laws over a period of nine years, from both federal and state protected lands. The Katahdin arctics were considered a valuable part of the collection because of their restricted habitat but, perhaps due to their unlisted status, they were not sold for fixed monetary amounts but used to trade for federally-protected species that could then be retained by the individuals or sold for profit. The individual from whom the Katahdin arctics were seized did correspond with Gerald Merry, the BSP Naturalist in 1984. There is no documentation, however, that the BSP Authority approved the collection of the 37 Katahdin arctics for research purposes, or for personal financial gain.

The national and international scope of this poaching effort is worth noting. The investigation by the US Fish and Wildlife Service agents led to Mexico, Germany, the Czech and Slovak Republics, Canada, France, Spain, Italy, Australia, Japan, Brazil and the United Kingdom, as well as many states throughout the United States. Of the approximately 2,375 butterflies seized in the case, at least 13 different species are protected by the Endangered Species Act of 1973; additionally, approximately 130 other species were protected on lands administered by the US Department of Interior including Grand Canyon, Yosemite, Olympic, Rocky Mountain, Big Bend and Everglades National Parks. Other areas where butterflies were poached commercially included Uncompahgre, Shoshone, Arapaho, Pike, Bridger-Teton, and Kaibab National Forests, state and county lands in Texas, Maine and Florida, and Mexico. Also, among specimens forfeited in the case were species protected under the Convention on International

Trade in Endangered Species of Wild Flora and Fauna and butterflies protected by France, Brazil, Germany, and Switzerland (Mendoza 1995).

The three collectors kept detailed records, dating each specimen and noting the collecting locale. They were clearly in close communication with other butterfly enthusiasts. In the case of the individual in possession of the Katahdin arctic specimens, federal agents found more than 800 letters to him from other collectors, from both outside and inside the U.S., including letters from the other two individuals convicted in this case. These three individuals possessed sufficient specialized knowledge to successfully locate, collect and in some cases, even breed in captivity the rarest butterflies in the US and the world. Their knowledge and skills could be used in furthering the welfare of many of the species they know so well. However, it becomes apparent to anyone reading the federal indictment, including excerpts from seized correspondence, that their motives were far from altruistic toward the species for which they profess so much admiration:

“... I plan on really cleaning house on Rocky Mountain Butterflies next year. Am bringing about 20,000 envelopes and I expect to fill them all up! About the only way to get rare material and lots of it is to take a lot of time off and collect and that’s just what I do.” (US vs. Skalski 1993)

“... Collecting has become very difficult in Florida due to restrictions and extreme loss of habitat. I’m one of relatively few people who knows exactly where all the rare stuff is found and can readily get material. In most cases I have to poach the material from protected parks.” (US vs. Skalski 1993)

“... Technically, it is against the law to collect in the Yukon and NW Territories ... But of course you know that laws are made to be broken so don’t pay any attention to laws. Just be prepared to talk your way out of situations and be as inconspicuous as possible ...” (US vs. Skalski 1993)

The maximum sentence for the crimes for which these three people were convicted was five years in prison and a \$250,000 fine. Despite the extensive evidence, investigators and prosecutors were well aware that this was the first time the Endangered Species Act had been enforced in such a high profile way for the unauthorized taking of insects. The most severe sentence of the three was five months in prison and a \$3,000 fine. Upon release from prison, the individual was on supervised release for two years, during which he served an additional five months in a halfway house following the period of incarceration. For all three sentences handed down, Judge Ware ordered that the individuals “shall not take or collect any wildlife, with or without a permit ... shall not

accompany anyone who is taking or collecting wildlife, ... may not enter any federal or state park, preserve or other areas set aside for the protection and preservation of wildlife without first obtaining the permission of his probation officer ... shall not transfer any butterflies to, or accept any butterflies from any person, agency or institution without obtaining the permission of his probation officer ... and shall submit his person, residence, office or any vehicle under his control to a search, conducted by the US Probation officer at a reasonable time ...” (Mendoza 1995)

In the case of the man who was in possession of the Katahdin arctics, the “Court on its own motion departed downward five levels (from the recommended sentencing guidelines) because of the defendant’s extraordinary acceptance of responsibility and the confusion of the current law”. This individual was sentenced to a three-year probation term, fined \$3,000 and required to engage in 300 hours of educational activities directed toward informing society about National Wildlife Protection Laws ...” The third and least involved individual was sentenced to a three-year probation term, \$3,000 fine, and mandatory 100 hours of community service as directed by the probation officer (Mendoza 1995).

The disappointment land management agency staff and conservationists may have felt upon hearing these sentences in the face of such incriminating evidence and documented intent is understandable. However, the light sentences do not diminish the fact that federal officials pursued criminal actions to the letter and spirit of the law. While scientists, land managers and enforcement agents wrestle with society’s ambivalence about applying endangered species laws with equal fervor on behalf of all species, the case has precipitated some immediate changes close to home and across North America.

Response to media coverage indicates a growing public awareness and increased support for treating invertebrates as critical elements of natural systems. While resource protection officials feared the media’s indiscreet use of certain parts of the indictment may have given unscrupulous readers more details than necessary, the extensive coverage also gave agencies a chance to explain wildlife protection laws and generate public support for some otherwise unknown species.

The management and staff at BSP recognize that these poachers are not representative of professional and amateur entomologists in general. However, a number of recent incidents involving several different profit-making schemes have alerted both the staff and park-loving public to the realization that species are vulnerable to habitat loss and a certain element of human greed. Park officials are actively improving application and record keeping procedures for scientific collecting as it applies to approved research in the park, as well as clarifying general

policy for research in the park. Patrol efforts in certain areas have already been increased. In the case of the Katahdin arctic butterfly, the process of formalizing monitoring efforts has been initiated. As far as legal status, the Katahdin arctic was recently nominated for inclusion on the State of Maine endangered species list, along with other species of rare and unique invertebrates. However, the process for adding species to the list requires a case-by-case listing and at this time, the Katahdin arctic remains unlisted on either federal or state endangered species statutes. In 1996, two alpine steward positions were assigned to provide education and information above treeline on Katahdin, as well as to monitor visitor activity in vulnerable areas. Park management is committed to finding ways to protect the essential habitat of the Katahdin arctic from degradation. Overt development is not a threat in the park but there is increased possibility of habitat destruction from ever-increasing alpine trail use that damages the tundra vegetation upon which this species depends.

Elsewhere, lessons have been gleaned from the case. The National Park Service is incorporating tips from the indictment in their law enforcement training to help rangers recognize the subtler evasions used by knowledgeable violators. The Canadian government has stepped up efforts to afford greater protection to invertebrates, after specimens of several rare species seized during the investigation had to be returned to the poachers for lack of sufficient law to prevent their possession (pers. comm., USFWS Entomologist Chris Nagano to J. Hoekwater, March 1995).

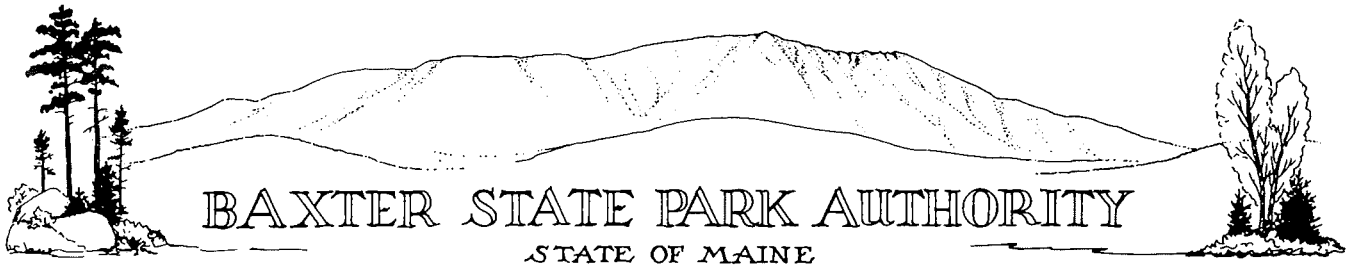
On August 21, 1995, 37 mounted specimens of the Katahdin arctic butterfly were returned to BSP with paperwork documenting a permanent loan from the federal government. Subsequently, two of the 37 specimens were donated to the collection at the Maine Forest Service Insect and Disease Laboratory in Augusta and two other specimens have been placed in the collection of the Department of Maine Inland Fisheries and Wildlife Department in Bangor. The remaining 33 specimens will be housed at BSP Headquarters in Millinocket, available for viewing upon request. All other forfeited evidence from this case will be donated to the various national parks, state parks, and national wildlife refuges that requested the return of their site specific specimens involved in the case. The Mexican specimens will be returned to Mexico. The remaining evidence will be donated to the California Academy of Sciences, Department of Entomology, and Golden Gate Park, San Francisco, California. Friends and the staff of BSP are grateful for the perseverance and skills of the US Fish and Wildlife Service and the US district attorneys involved in prosecuting this case.

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Senator Kilkelly, Representative Paul and Members of the Inland Fisheries and Wildlife Committee:

Good morning. My name is Jean Hoekwater and I am the naturalist at Baxter State Park. I am here today at the request of my supervisor, Park Director Buzz Caverly. L.D. #789 is of particular interest to those of us charged with managing the resources of Baxter State Park because the list includes some species occurring in the Park. Of greatest interest to us is the listing of the Katahdin arctic butterfly as endangered. We are eager for this butterfly to be added to the state list. In order for you to understand our interest, I should explain a bit about the butterfly and some recent events.

The Katahdin arctic butterfly is a relict subspecies of butterfly that is found only on top of Katahdin, restricted to an area of about 1000 acres. When the glacier retreated at the end of our most recent ice age, certain arctic/alpine adapted plants and animals likewise retreated to the only suitable habitat left--in this case the tableland of Katahdin. The Katahdin arctic butterfly is found absolutely nowhere else in the world. As a globally rare species, it is certainly worthy of state endangered status.

We are convinced the state endangered status is important in order to prevent a repeat of some recent events concerning this butterfly. Although the Park has a strict policy against collecting organisms or artifacts, for various reasons, individuals often seek to circumvent our regulations. In particular, our policy since 1988, when I began working as the naturalist, has been against collecting the Katahdin arctic because the population is so vulnerable to extinction.

In 1993, agents from the U.S. Fish and Wildlife Service in California contacted Park staff in the course of investigating an international ring of butterfly poachers. After we became accustomed to the concept of this sort of activity, we learned just how lucrative this activity had been and continues to be for those

involved. Amongst the evidence seized were 37 mounted specimens of Katahdin arctic butterfly specimens, labeled and collected in 1982, for which no official permits had been issued by the Park. These specimens had been illegally collected and then were used to trade for other butterflies worth from \$200-\$400 each. As a by-product of this incident we were forced to examine just how well we were, in fact, able to protect the Park's natural resources. The federal investigators were kind enough to make several suggestions, based on their findings, to help us prevent such incidents in the future. They urged us to seek state listing for the butterfly and were in fact dismayed that it was not already listed. To date, we have taken all the steps within our power to otherwise protect this organism, including initiating field population checks, better recordkeeping, eliminating the spread of trail erosion into critical Katahdin arctic habitat, and stationing "Alpine Stewards" on Katahdin to educate hikers and provide a deterrent to would-be collectors. We believe a formal acknowledgment of the butterflies' status as endangered will promote the continued protection and well-being of the population. Thank you for your patience and consideration of this matter.

Sincerely,

Jean Hoekwater
Jean Hoekwater, Naturalist
Baxter State Park



UNIVERSITY OF MAINE

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23 February 1998

Jean Hoekwater
Baxter State Park
64 Balsam Drive
Millinocket, Me. 04462

Jean,

Here is a copy of the progress report I delivered to my graduate committee last November. I believe it will give you some material to work with. Please note that the "schedule of remaining work" shows the Report to B.S.P. is planned for June 1998. That date is still valid, although I expect it will be toward the end of the month. The GPS paper will probably be March. You will get to look it over before it is submitted. The Thesis - draft was pushed up to April, that date, as far as I am concerned, will be later.

Regarding Table I in the progress report, further research has revealed that *Pyrola minor* was indeed reported on Katahdin by Fernald, Blake and the group that wrote about the NEBC excursion in the 1900 issue of Rhodora. It has not been mentioned since in any publication or record that I have seen.

I am now working on processing the data, which so far is looking good. My biggest regret is that I was not able to cover more area. I have reservations for two nights at Chimney Pond this coming June. I am hoping the weather will be good and the trails will be open so that I can get up there. If so, I may be able to make some last minute additions or corrections to the B.S.P. report.

Finally, I need to make a correction in the e-mail address I gave you this last Monday, the correct address is: dclark@apollo.umenfa.maine.edu (sorry about that). Keep in touch and see if you can't get those trails open for me on the fifteenth!!!

D. L. Clark

David



PROGRESS REPORT

Date: 10 November 1997

Subj: Baxter Table Land Study - Progress Report #2

- Ref: a) Study Proposal; A Qualitative and Quantitative Study of the Alpine Plants on the Table Land of Katahdin
b) Cooperative Research Agreement for the period of June 1997 through Dec 1997 between B.S.P. and David L. Clark
c) Baxter Table Land Study - Progress Report #1. 30 July 1997

M.S. PROJECT STATUS

During this past field season, all species of vascular plants within a 17,320 square foot (1609 square meters) area located on the Table Land just above the Saddle Slide, hereafter referred to as the "triangle" were inventoried. Rare species locations and numbers were recorded using GPS equipment (see table). Additionally, ten 25 square foot (2.32 square meters) quadrates were sampled within the triangle to estimate actual cover of bareground and all other species.

In the Hamlin Peak area, time and weather conditions prevented intensive examination of all species as was accomplished in the triangle, so two S1 species, *Solidago multiradiata (cutlerii)* and *Betula nana (glandulosa)* were inventoried and recorded by GPS from Hamlin Peak to the Caribou Spring.

On Baxter Peak, precise measurements were recorded of the USGS benchmark, "Katahdin No.1" for reference and determination of system accuracy. The trails surrounding the triangle and the trail from Hamlin Peak to The Caribou Spring were recorded by GPS for positional accuracy.

All GPS files have been post-processed by differential correction to produce maximum possible accuracy. A total of 6985 positions were recorded and processed.

Two rare species were discovered for which stations were not previously recorded (see table).

SCHEDULE OF REMAINING WORK

- | | |
|---|---------------|
| • Completion of formal courses | December 1997 |
| • GPS research paper ready for publication | February 1998 |
| • Report to B.S.P. | June 1998 |
| • Thesis - first draft | July 1998 |
| • Taxonomy research paper ready for publication | August 1998 |
| • Thesis (final draft) and Seminar | August 1998 |

TABLE 1

Rare Plants Observed and Recorded During This Study

<u>Species</u>	<u>State Rank</u> ¹	<u>GPS</u>
<i>Agrostis mertensii</i>	S2	yes
<i>Arctostaphylos alpina</i>	S1 (T)	yes
<i>Betula nana (glandulosa)</i>	S1 (E)	yes
<i>Betula x minor</i>	S1 (E)	yes
<i>Carex bigelowii</i>	S2	yes
<i>Diapensia lapponica</i>	S2	yes
* <i>Epilobium hornemannii</i>	S1 (T)	
<i>Geocaulon lividum</i>	S2	
<i>Hierochloe alpina</i>	S1 (T)	yes
<i>Huperzia appalachiana (selago)</i>	S2	yes
<i>Loiseleuria procumbens</i>	S1 (E)	
<i>Minuartia (Arenaria) groenlandica</i>	S3	yes
** <i>Pyrola minor</i>		
<i>Rhododendron lapponicum</i>	S1 (E)	
<i>Salix uva-ursi</i>	S1 (T)	
<i>Solidago multiradiata (cutlerii)</i>	S1, S2	yes
<i>Viola palustris</i>	S1 (E)	

* not previously known from Katahdin township

** not previously known from B. S. P.

¹ State Rank: S1 = Critically imperiled in Maine because of extreme rarity (five or fewer occurrences or very few remaining individuals or acres) or because some aspect of its biology makes it especially vulnerable to extirpation from the State of Maine. S2 = Imperiled in Maine because of rarity (6-20 occurrences or few remaining individuals or acres) or because of other factors making it vulnerable to further decline. S3 = Rare in Maine (on the order of 20-100 occurrences). E = endangered. T = threatened



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22 October 1997

Jean Hoekwater
Baxter State Park
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Millinocket, ME 04462

Dear Jean:

As I've indicated in the enclosed biweekly report, we captured and removed collars from 12 of the 19 collared marten in the park. I will monitor the remainder occasionally from the air, until their collars fail. Collar bands are designed to wear and break after about 1 year, so it will not be necessary to recapture these animals. I will return for a day next summer (with a strong-backed technician!) to dismantle the cairns along the perimeter road.

I wanted to take this opportunity to thank you and the rest of the staff for your help and cooperation this year. We've observed a fluctuation in marten density in Telos, probably related to low prey densities in 1996, and having concurrent information from the park will be extremely valuable in interpreting the long-term population trends. Our work in the park really has been critical to the overall success of the project, and I'm confident that our results and conclusions will benefit marten not only in northern Maine, but throughout North America.

I will be spending a lot of time during the next year analyzing data and preparing my dissertation. When that is well along, I would be happy to visit park headquarters and present a seminar about what we've found. And of course, I hope to be on the schedule for the naturalist's presentations again next summer.

I certainly feel fortunate to have spent quality time in the park these last 4 years. I look forward to returning as a tourist and enjoying some of those hikes I never got around to! Thanks again to all.

Sincerely,

Dave Payer



MARTEN PROJECT
BI-WEEKLY REPORT FORM

Period covered: 22 September to 19 October 1997

Bi-weekly Activities:
(check those that apply)

✓

Live-trapping

Average # of traps set per night 28

Radio-telemetry

No field activity

Other (describe below):

Marten Status:

New captures

12

Recaptures

0

Mortalities (list causes below):

7

Total Marten Transmitting

Comments (ex., elaboration of previous items, issues, problems, questions).

We captured and removed radio collars from 12
marten.

Planned Activities for Upcoming Biweekly Period:

The 7 remaining collared marten will be monitored
occasionally via aircraft until collars fail. These collars
will fall off within a year. I will retrieve our truck
(parked out of sight at Dovesdrop) week of Oct 27.

Submitted by: Dave Payer

*Distributed to: ✓ Jean Hoekwater Dan Harrison

*This report must be submitted/received on alternate Fridays, beginning 1
August 1990.

1997 Mountain Patrol

Number of completed patrol forms: 35

Number of patrols by month: July: 14
 August: 17
 September: 4

Number of Class I (excellent weather) patrol days: 8

Number of Class II patrol days: 26

Number of Class III patrol days: 1

	#Obsesrvations made from this Point During 35 Patrols	Range of #'s of People Seen	#'s of People Seen From this Point
Baxter Peak	46x	0 - 70	24
South Peak	9x	0 - 32	15
Chimney Peak	2x	3 - 21	12
Knife Edge	3x	3 - 12	7
Dudley	3x	0 - 5	3
Pamola Peak	14x	0 - 23	9
Hamlin	12x	0 - 6	1
Saddle	40x	0 - 31	6
Cathedral	2x	0 - 2	1
Thoreau Springs	23x	0 - 26	9
Caribou Spring	1	0	0
Baxter Cut-off	16x	0 - 14	5
Gateway-Hunt Trail	2x	8 - 15	12

What can we learn from the Boody Brook old growth?

Alison C. Dibble, Ph.D.
USDA Forest Service, Northeastern Forest Experiment Station
RR1 Box 589, Bradley, ME 04411
Ph. 207 866-7260 E: adibble@panax.com

Prepared for the SFMA Advisory, Baxter State Park
11 Sept 1997

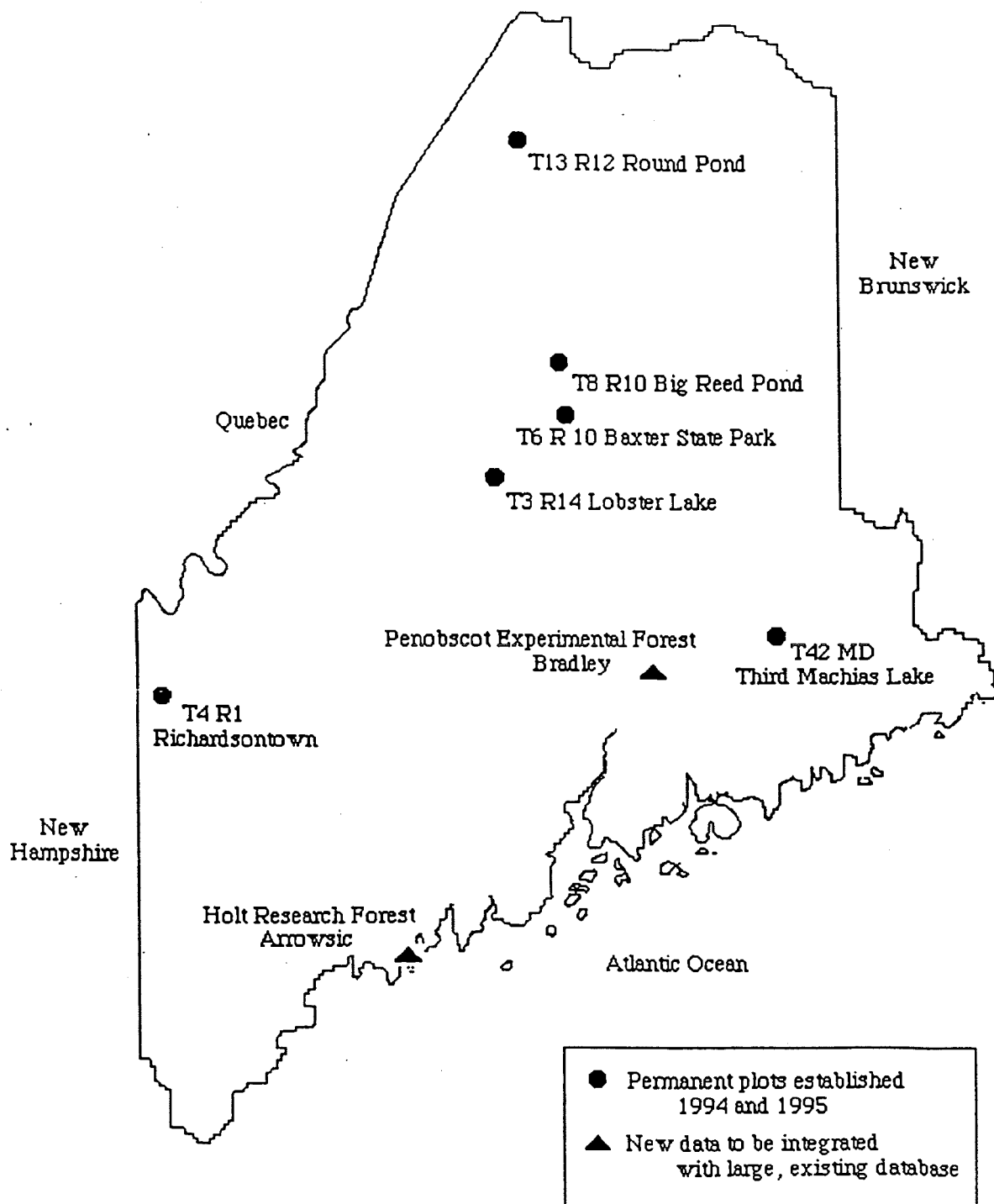
In 1994-95 I established two permanent plots 25 x 25 m sq in mature red spruce stands within the Boody Brook old growth area (another plot is in progress). The purpose is to compare mature stands to those that have various intensities of harvest with regard to red spruce regeneration and changes in understory composition. Elsewhere in the SFMA, four plots were set up in blocks that have been harvested or will be within a few years. Changes attributable to forest management will be revealed in the data.

A total of 50 such plots have been established in Maine (Fig. 1) in old-growth, selectively harvested, and clear cut stands. Data collected in 1994-96 from these plots are reported in a manuscript to be submitted, with coauthors John C. Brissette and Malcolm L. Hunter, Jr., to *Forest Ecology and Management*. Analysis of community data on 30 common understory species shows how they relate to aspects of stand structure and composition, especially the abundance of red spruce and balsam fir seedlings 0.1-0.5 m. Some species have potential as indicators of red spruce habitat.

Results: Seedlings of spruce and fir are most abundant where harvests are partial and on intervals longer than 20 years (Fig. 2). Some understory plants associated with the greatest abundance of red spruce in the understory include: painted trillium (*Trillium undulatum*), creeping snowberry (*Gaultheria hispidula*), bluebead lily (*Clintonia borealis*), and northern starflower (*Trientalis borealis*). I found no understory plant species that depend absolutely on a shady coniferous understory or on old trees. Where red raspberry (*Rubus idaeus*), fireweed (*Epilobium angustifolium*), pearly everlasting (*Anaphalis margaritacea*), and bristly sarsaparilla (*Aralia hispida*) are abundant, red spruce seedlings are scarce (Fig. 3). Management implications are that partial harvest, in winter, using low-impact harvesting equipment appears to maintain spruce-dominated stands, possibly because the seed bank is undisturbed (so, raspberry does not fill the openings) and mature trees provide a seed source.

Except for cutting of a few white pines, perhaps in the mid to late 1800s, Boody Brook has not been harvested. This is very rare in Maine. Such a resource is valuable to researchers as a baseline for comparison with harvested stands. Boody Brook is crucial habitat for old-tree-dependent species including stubble lichens and some unknown invertebrates -- most of which have not been studied yet. The population of red spruce and of other trees could contain genetic variability not found otherwise. I and my coauthors are grateful to Baxter State Park for permitting this study within the SFMA.

Figure 1. Approximate location of study sites.



E. ADMINISTRATIVE SERVICES

I PERSONNEL

There were *a lot* of changes in personnel in 1997, and some of our same personnel just kept changing places:

New Hire:

John Richardson - Campground Attendant - Abol
Leslie Mitchell-Watson - Campground Attendant - Russell Pond
Christian McGinn - Campground Attendant - Russell Pond
Alan Watson - Assistant Park Ranger (Trail Crew Leader) - Trail Crew
Wendy Roberts - Gatehouse Attendant - Togue Pond
Michael Martin - Campground Attendant - Abol
Sara McBride - Campground Attendant - Togue Pond
Dan Randall - Campground Attendant - Russell Pond
Mark Varney - Gatehouse Attendant - Togue Pond
Myra Jewers - Accounts Clerk II - Headquarters
Malcolm W. Coulter, Jr. - Business Manager - Headquarters

Transfers:

Heather Lee - Campground Attendant - Katahdin Stream
Heather Lee - Campground Attendant - Roaring Brook
Dave Chase - Campground Attendant - Katahdin Stream
Dave Chase - Campground Ranger I - Nesowadnehunk
Dave Chase - Campground Ranger I - Abol
Neal Sleeper - Campground Ranger I - Kidney Pond
John Richardson - Campground Attendant - Katahdin Stream
John Richardson - Campground Ranger I - Nesowadnehunk
Christian McGinn - Campground Attendant - Katahdin Stream
Joanna Thorpe - Campground Ranger I - Kidney Pond

Resignations:

Tom Edes - Campground Ranger I - Kidney Pond
Paul Farrington - Campground Ranger I - Nesowadnehunk
Troy Dow - Campground Ranger I - Katahdin Stream
Carter Smith - Campground Attendant - Roaring Brook
Leslie Mitchell-Watson - Campground Attendant - Russell Pond
Brian Johnston - Campground Ranger I - Abol
Myra Jewers - Accounts Clerk II - Headquarters
Joan King - Clerk II - Headquarters

II TRAINING

- JANUARY/MARCH - Maine Criminal Justice Academy Law Enforcement Training - Mac Browning
- APRIL - EEO Training - Roxie McLean
- MAY - Carhart National Wilderness Training - Buzz Caverly
- JUNE - Fire Training - Trail Crew, CA's, CRI's
SOLO Wilderness Medicine - CA's, CRI's, Crew
Bloodborne Pathogens - CA's, CRI's
Chainsaw Safety - CA's, CRI's, Trail Crew
- OCTOBER - EEO/Sexual Harassment - all staff

III CONTRACT SERVICES

Rubbish Removal - Dave Condon/White Knight
Janitorial Services - Jason Hafford
Firewood Bundling - Jim Cunningham
SFMA Forest Operations/Road Construction - Pelletier Bros. Inc.
Forest Management Services - John Mills
Roadside Mowing - Nik Rogers
Trail Crew - Student Conservation Association
Septic Tank Pumping - Brown's Septic Service

IV SUPPLY

The supervision of the Storekeeper I was returned from the Secretary to the Director to the new Business Manager in November.

V DONATION ACCOUNT

As of December 31, 1997, the balance of the Donation Account was \$2,614.81. The following purchases were made:

5 Old Town Discovery Canoes at a cost of \$1,845.00

Following are a list of donors for 1997:

Dean & Susan Vidal	\$ 25.00
Jean Webster	200.00
Through Reservations	80.00
J. William McGuinn, Jr.	500.00
Christopher Nevers	40.00
John Knox	50.00
Through Reservations	29.00
James Garland	498.00
Penobscot County Conservation Assoc.	140.00
Through Reservations	91.00
Howard & Virginia Longmire	25.00
Through Reservations	60.00
Ahtene Club	25.00
Mary Colman	25.00

BAXTER STATE PARK AUTHORITY
Attorney General
Commissioner, Inland Fisheries and Wildlife
Director, Maine Forest Service

PARK DIRECTOR

Campground Ranger (2)

Campground Ranger (2)

Chief Ranger

Park Naturalist

Secretary

Resource Manager

Clerk III
Reservations

Carpenter

Clerk Typist II

Storekeeper I

Forest Technician

Clerk II (2)

Laborer I

Clerk (Visitor Center)

Accounts Clerk II

Park Receptionist

Baxter Park Ranger II

Baxter Park Ranger I

Campground Ranger I

Auto Mechanic

Campground Ranger (2)

Campground Attendant (2)

Baxter Park Ranger II

Baxter Park Ranger I

Baxter Park Ranger I

Baxter Park Ranger I

Campground Ranger (3)

Campground Ranger (2)

Gatehouse Attendant (8)

Campground Attendant (3)

Campground Attendant (1)

Alpine Ranger

Trail Supervisor

Assistant Park Ranger

Assistant Park Ranger

YEAR-ROUND POSITIONS - 1997

<u>Title/ Position Number:</u>	<u>Name:</u>	<u>Location:</u>
BSP Director 9429-0811	Irvin C. Caverly, Jr.	Headquarters, Mlkt.
BSP Chief Ranger 9428-0966	Chris M. Drew	Headquarters, Mlkt.
Forester II 9428-0968	D. Jensen Bissell	Headquarters, Mlkt.
Forest Technician 9456-0121	W. MacPerson Browning	Headquarters, Mlkt.
BSP Naturalist 9214-0947	Jean Hoekwater	Headquarters, Mlkt.
Sec. to Director 0005-0969	Roxanna McLean	Headquarters, Mlkt.
Acct. Clerk II 0312-1081	Myra Jewers	Headquarters, Mlkt.
Clerk Typist II 0012-0871	S. Jean Howes	Headquarters, Mlkt.
Storekeeper I 0231-0927	Rosemary James	Headquarters, Mlkt.
Clerk III 0003-0091	Janice T. Caverly	Headquarters, Mlkt.
Auto Mechanic II 8303-0926	Timothy Sides	Headquarters, Mlkt.
Carpenter 8201-0041	Albert Rickards	Headquarters, Mlkt.
BSP Ranger II 9404-0946	Barry MacArthur	Field
9404-0945	Robert E. Howes	Field
BSP Ranger I 9434-0972	Thomas P. Chase	Field
9434-0944	Loren Goode	Field
9434-0943	Bernard Crabtree	Field
9434-0942	Charlie Kenney	Field

SEASONAL POSITIONS - 1997

<u>Title/Position Number</u>	<u>Name/Location</u>	<u>Weeks</u>	<u>Start</u>	<u>End</u>
CAMPGROUND RANGERS				
9425-0631	J. Richardson - Nesowadnehunk	20	6-1	10-18
9425-0021	B. Curren - Russell Pond	24	5-11	10-25
9425-0021	K. Smith - South Branch Pond	24	5-11	10-25
9425-0351	G. Hamer - Chimney Pond	24	5-11	10-25
9425-0641	S. Guay - Roaring Brook	24	5-11	10-25
9425-0601	Dave Chase - Abol	24	5-11	10-25
9325-0391	B. White - Katahdin Stream	24	5-11	10-25
9425-0611	J. Milne - Trout Brook Farm	20	6-1	10-25
9425-0983	J.T. Browning - Kidney Pond	25	5-4	10-25
9425-0982	N. Sleeper - Kidney Pond	25	5-4	10-25
9425-0980	M. Williamson - Daicey Pond	25	5-4	10-25
9425-0981	G. Williamson - Daicey Pond	25	5-4	10-25
9425-0986	J. Thorpe - Daicey/Kidney Pd.	25	5-4	10-25
CAMPGROUND ATTENDANTS				
9424-0841	F. Taylor - Chimney Pond	18	6-1	10-4
9424-0741	H. Lee - Roaring Brook	18	6-1	10-4
9424-0922	D. Anderson - South Branch Pond	18	6-1	10-4
9424-0831	- Russell Pond	14	5-25	8-30
9424-0421	C. McGinn - Katahdin Stream	18	6-1	10-4
9424-0461	M. Martin - Abol	14	5-18	8-23
9424-0978	S. McBride - Togue Pond	14	5-18	8-23
GATEHOUSE ATTENDANTS				
9422-0171	J. Hall - Togue Pond	23	5-11	10-18
9422-0511	W. Roberts - Togue Pond	23	5-11	10-18
9422-0361	D. Miller - Matagamon	23	5-11	10-18
9422-0441	P. Hill - Matagamon	23	5-11	10-18
9422-0201	T. Hanson - Matagamon	23	5-11	10-18
9422-0501	D. Freelove - Togue Pond	23	5-11	10-18
9422-0531	J. Doe - Togue Pond	20	5-18	10-4
9422-0541	M. Varney - Togue Pond	12	6-1	8-23
TRAIL CREW				
9435-0141	L. Kenway - Trail Crew Super.	40	3-30	1-3
9209-0940	N. Rogers - Assistant Park Rgr.	14	5-11	8-16
9209-0984	A. Watson - Assistant Park Rgr.	14	5-11	8-16
RESERVATION OFFICE				
0002-0731	J. King - Clerk II	40	1-2	10-4
0002-0941	G. Hanson - Clerk II	40	1-2	10-4
9210-0967	M.E. Bell - Park Receptionist	40	1-2	10-4
VISITOR CENTER				
0002-0977	N. Moxley - Clerk II	20	5-25	10-11
8001-0965	R. Moore - Laborer I	14	5-25	8-30

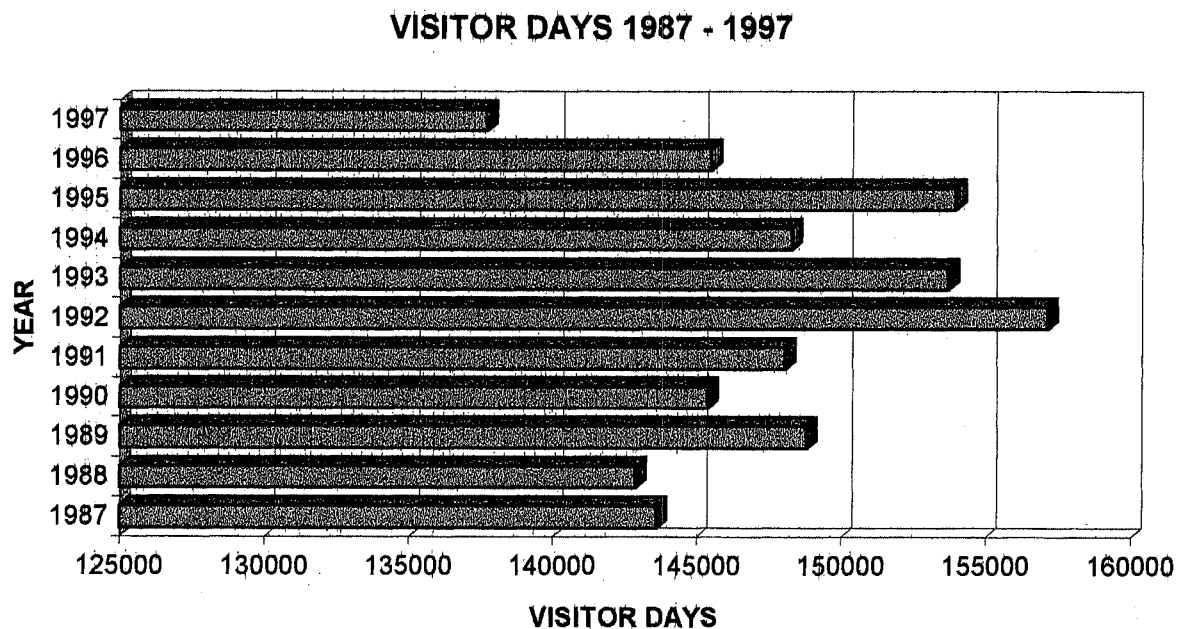
BAXTER STATE PARK

COMPARATIVE STATISTICS - VISITOR DAYS 1987 - 1997

VISITOR DAY* STATISTICS:	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
TOTAL SUMMER VISITOR DAYS	141468	139798	145667	142358	145046	154619	152133	146148	152281	143555	135924
TOTAL WINTER VISITOR DAYS	2119	3070	3109	2992	2992	2489	1554	2124	1660	1913	1750
TOTAL PARK VISITOR DAYS	143587	142868	148776	145350	148038	157108	153687	148272	153941	145468	137674

* Visitor day = camper days + gatehouse headcount
(a visitor staying in the park two nights would
spend three days in the park. Camper days
counts the nights in the Park, gatehouse
headcount adds the extra day.)

** Complete day use stats not available in 1992



BAXTER STATE PARK
1997 GATE COUNTS - PEOPLE PER MONTH

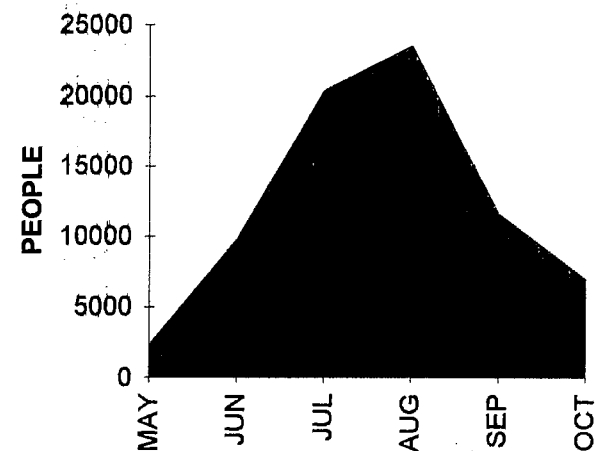
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BAXTER STATE PARK
1997 GATE COUNTS -VEHICLES PER MONTH

	VEHICLES				% OF	TOTAL	AVE.
	RES	NON-RES	PASS	TOTAL	TOTAL	PEOPLE/	PEOPLE/
					VEHICLES	MONTH**	VEHICLE
MAY							
Togue Pond	496	223	210	929			
Matagamon	189	46	185	420			
Total MAY	686	269	395	1349	4	2333	1.7
JUNE							
Togue Pond	1905	1139	596	3640			
Matagamon	430	137	291	858			
Total JUNE	2335	1276	887	4498	14	9789	2.2
JULY							
Togue Pond	2953	2569	821	6343			
Matagamon	784	389	568	1741			
Total JULY	3737	2958	1389	8084	26	20368	2.6
AUGUST							
Togue Pond	3104	3672	694	7470			
Matagamon	768	560	524	1852			
Total AUGUST	3872	4232	1218	9322	29	23675	2.6
SEPTEMBER							
Togue Pond	2037	1994	550	4581			
Matagamon	336	300	201	837			
Total SEPTEMBER	2373	2294	751	5418	17	11623	2.1
OCTOBER							
Togue Pond	1226	1123	266	2615			
Matagamon	310	165	162	637			
Total OCTOBER	1536	1288	428	3252	10	7002	2.2
TOTALS BY	14538	12317	5068				
USE CATAGORY				31923	100	74690	2.3
% BY CATAGORY	46%	39%	16%				

** See 1997 Gate Counts - People per Month

PEOPLE PER MONTH - 1997



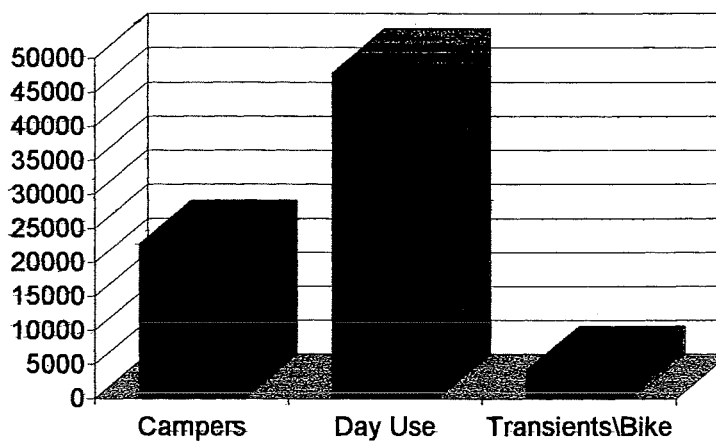
BAXTER STATE PARK
1997 GATE COUNTS - PEOPLE PER GATE

	CAMPER S			DAY USE			TRANSIENTS			WALK/ BIKE	TOTAL COUNT	% BY GATE
	RES	NON-RES	TOTAL	RES	NON-RES	TOTAL	RES	NON-RES	TOTAL			
TOGUE POND GATE												
May	378	179	557	797	339	1136	53	13	66	14	1773	
June	1665	1162	2827	3374	1792	5166	133	110	243	31	8267	
July	2731	2402	5133	6142	4827	10969	349	288	637	42	16781	
August	2674	2399	5073	6405	7703	14108	251	275	526	95	19802	
September	1724	1717	3441	3594	2645	6239	128	225	353	46	10079	
October	722	750	1472	2187	1727	3914	246	174	420	22	5828	
TOGUE TOTAL	9894	8609	18503	22499	19033	41532	1160	1085	2245	250	62530	84%
MATAGAMON GATE												
May	124	47	171	308	68	376	0	0	0	13	560	
June	281	98	379	765	300	1065	51	26	77	1	1522	
July	1012	389	1401	1416	697	2113	54	14	68	5	3587	
August	1019	525	1544	959	711	1670	240	293	533	26	3773	
September	293	256	549	326	239	565	230	192	422	8	1544	
October	113	57	170	343	149	492	330	180	510	2	1174	
MATAGAMON TOTAL	2842	1372	4214	4117	2164	6281	905	705	1610	55	12160	16%
TOTAL GATES	12736	9981	22717	26616	21197	47813	2065	1790	3855	305	74690	

BAXTER STATE PARK
1997 GATE COUNTS - VEHICLES PER GATE

	VEHICLES				% OF
	RES	NON-RES	PASS	TOTAL	TOTAL
TOGUE POND GATE					
May	496	223	210	929	
June	1905	1139	596	3640	
July	2953	2569	821	6343	
August	3104	3672	694	7470	
September	2037	1994	550	4581	
October	1226	1123	266	2615	
TOGUE TOTAL	11721	10720		25578	80
MATAGAMON GATE					
May	189	46	185	420	
June	430	137	291	858	
July	784	389	568	1741	
August	768	560	524	1852	
September	336	300	201	837	
October	310	165	162	637	
MATAGAMON TOTAL	2817	1597		6345	20
TOTAL GATES	14538	12317		31923	100

GATE HEADCOUNTS BY USE TYPE
1997



BAXTER STATE PARK**TRAIL USE SUMMARY - 1997**

Registered hikes per person per trail

TRAIL USE-UNITS BY MONTH

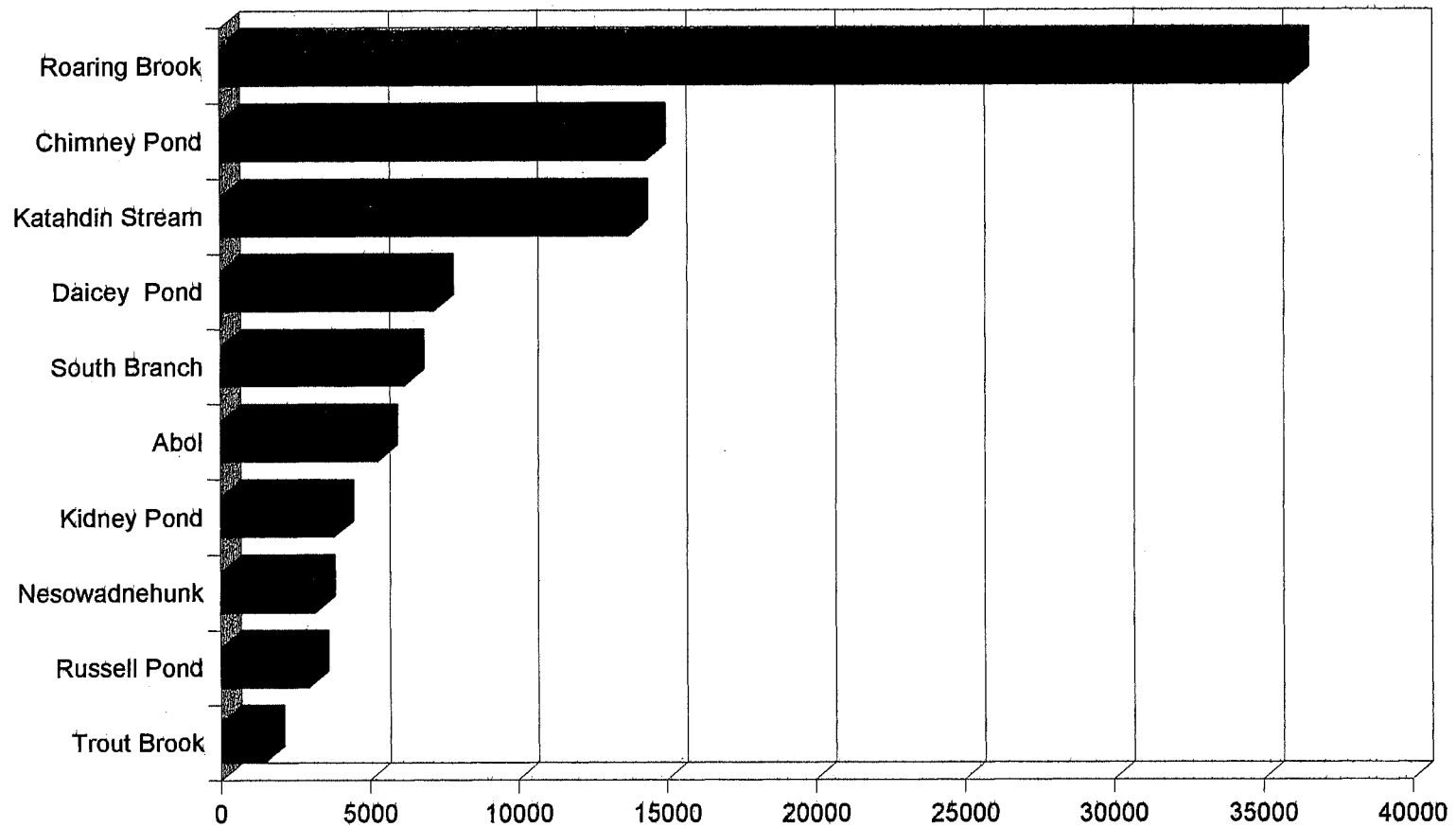
TRAIL NAME	MAY	JUN	JUL	AUG	SEPT	OCT	TRAIL TOTAL	AREA TOTAL	% OF TOTAL
KATAHDIN STREAM:									
Hunt	153	1290	2650	3496	1789	987	10365		
Owl	4	95	355	279	182	182	1097		
Grassy Pond	75	165	466	649	209	100	1664		
O.J.I.	2	30	103	86	49	46	316		
A.T. South	26	58	84	90	0	0	258		
KATAHDIN TOTALS	260	1638	3658	4600	2229	1315		13700	15%
ABOL:									
Abol Trail	0	523	1334	1492	803	243	5303		
Abol Falls	44	89	226	259	177	84	951		
ABOL TOTALS	44	612	1560	1751	980	327		5274	6%
ROARING BROOK:									
Chimney	10	1306	4358	4801	2881	1246	14602		
Helon Taylor	0	477	1438	1751	688	292	4646		
Sandy Stream	360	1872	3489	3085	1982	1336	12124		
So. Turner	102	565	491	366	293	232	2049		
Russell Pond	2	230	458	504	405	145	1744		
Nature Trail	25	109	192	183	135	69	713		
RRG BK TOTALS	499	4559	10426	10690	6384	3320		35878	38%
SOUTH BRANCH POND:									
So. Branch Falls	0	0	110	43	49	14	216		
Ledges	0	9	76	54	27	38	204		
Howe Brook	0	25	338	246	125	53	787		
N. Traveler	24	79	279	362	188	94	1026		
Center Ridge	3	25	51	72	20	16	187		
So. Br. Mtn.	4	20	147	154	114	23	462		
Pogy Notch	45	244	949	941	538	190	2907		
Burnt Mtn.*	0	9	35	93	32	21	190		
Mid. Fowl. & Other	6	2	6	23	33	21	91		
Wadleigh Brook	0	4	10	21	27	26	88		
SO. BRNCH. TOTALS	82	417	2001	2009	1153	496		6158	7%
NESOWADNEHUNK:									
Double Top	Closed	101	323	561	121	161	1267		
Marston	Closed	15	354	479	90	157	1095		
Wass. Lake Trail	Closed	25	99	91	52	62	329		
Dwelley Trail	Closed	6	30	169	230	45	480		
NESO. TOTALS	0	147	806	1300	493	425		3171	3%

continued...

Registered hikes per person per trail, continued

TRAIL NAME	MAY	JUN	JUL	AUG	SEPT	OCT	TRAIL TOTAL	AREA TOTAL	% OF TOTAL
CHIMNEY POND:									
Dudley	Closed	326	706	835	396	216	2479		
Cathedral	Closed	282	1126	1266	750	211	3635		
Saddle	Closed	0	2442	2573	1467	259	6741		
Hamlin	Closed	146	136	211	143	33	669		
N. Basin	Closed	42	98	173	111	122	546		
N. Peaks	Closed	0	21	9	6	9	45		
N.W. Basin	Closed	0	70	56	56	8	190		
CHIMNEY TOTALS	0	796	4599	5123	2929	858		14305	15%
DAICEY POND:									
Niagara Falls	196	645	1505	1436	661	298	4741		
D.P. Nature Trail	40	87	110	170	155	40	602		
Lost Pond Trail	24	65	39	94	57	11	290		
Sentinel Mt. Trail	15	6	5	19	20	7	72		
A.T. to Katahdin	2	25	62	195	108	115	507		
Daicey to Grassy	21	56	65	58	70	23	293		
Daicey to Elbow	14	72	61	81	109	49	386		
Daicey to Kidney	25	32	100	72	30	13	272		
DAICEY TOTALS	337	988	1947	2125	1210	556		7163	8%
KIDNEY POND:									
Double Top	19	320	239	485	200	140	1403		
Sentinel Mtn.	33	12	67	493	140	79	824		
Rocky Pond	19	176	126	134	134	50	639		
Draper Pond	0	14	10	25	21	10	80		
Kid. Pond Circuit	10	41	70	104	47	23	295		
Celia & Jackson	10	77	35	41	34	17	214		
Windy Pitch/Niagara/ Lily	6	59	89	109	53	15	331		
KIDNEY TOTALS	97	699	636	1391	629	334		3786	4%
RUSSELL POND:									
Russell Pond Trail	0	112	208	215	148	84	767		
Wass. Stream Trail	0	62	151	150	100	52	515		
Pogy Notch Trail	4	70	42	67	40	31	254		
Wass. Lake Trail	8	149	201	236	121	53	768		
N.W. Basin Trail	0	6	88	82	41	46	263		
N. Peaks Trail	0	0	16	12	6	1	35		
Grand Falls Trail	2	49	67	67	29	12	226		
Lookout Trail	0	20	34	33	22	13	122		
RUSSELL TOTALS	14	468	807	862	507	292		2950	3%
TROUT BROOK FARM:									
Horse Mountain	Closed	89	98	221	13	54	475		
Littlefield Pond	Closed	13	0	33	0	5	51		
High/Long Pond	Closed	38	35	64	3	15	155		
Fowler Pond	Closed	72	48	94	49	24	287		
Freezeout	Closed	21	17	27	10	0	75		
Trout Brook Mtn.	Closed	66	123	141	7	56	393		
TROUT BROOK TOTALS	0	299	321	580	82	154		1436	2%
TOTALS BY MONTH	1333	10623	26761	30431	16596	8077		93821	100%
% OF TOTAL	1%	11%	29%	32%	18%	9%		100%	

REGISTERED HIKES BY AREA - 1997



**BAXTER STATE PARK
CAMPGROUND VACANCY RATES ***
1997

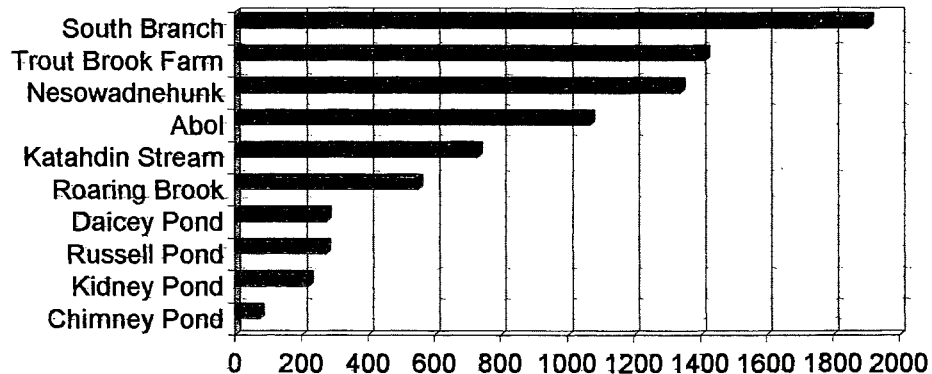
	# SITE-DAYS PER SEASON	# VACANT SITE	% 1997 VACANCY
CAMPGROUNDS:			
Roaring Brook	3234	550	17%
Abol	3234	1066	33%
Katahdin Stream	3542	730	21%
Daicey Pond	1694	273	16%
Kidney Pond	1740	218	13%
Nesowadnehunk	2461	1337	54%
South Branch	4928	1906	39%
Chimney Pond	1233	72	6%
Russell Pond	1232	271	22%
Trout Brook Farm	2055	1414	69%
Campground Totals	24755	7837	32%

OUTLYING SITES:

Webster Area	1781	1542	87%
Davis Pond	137	21	15%
Fowler Area	1096	1010	92%
South Branch	462	146	32%
Wass. Area	462	112	24%
Outlying Site Totals	4546	2831	62%

* These tables reflect the rate at which sites were occupied regardless of whether or not the site was filled to capacity. Tabulations include campground and outlying sites only (bunkhouse & group areas excluded).

CAMPGROUND VACANCY RATES - 1997



BAXTER STATE PARK

Camper Day Summary

1997

1997							% OF SUMMER CAMPER		% OF WINTER CAMPER							ANNUAL CAMP-DAY TOTAL	% OF PARK TOTAL
CAMPGROUNDS	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	SUMMER TOTAL	CAMPER DAY	DEC.	JAN.	FEB.	MAR.	WINTER TOTAL	CAMPER DAY	TOTAL	TOTAL	
Roaring Brook	139	1046	1925	1991	1332	539	6972	14%	22	65	164	112	363	21%	7335	15%	
Abol	102	547	1504	1744	1031	366	5294	11%	CLOSED	0	12	0	0	0%	5294	11%	
Katahdin Stream	265	944	1815	1897	1273	516	6710	14%	CLOSED	0	0	12	12	1%	6722	13%	
Daicoey Pond	386	755	994	966	761	387	4249	9%	CLOSED	0	59	34	93	5%	4342	9%	
Kidney Pond	203	711	1077	1062	984	395	4432	9%	CLOSED	0	57	21	78	4%	4510	9%	
Nesowadnehunk	CLOSED	379	1378	1737	415	150	4059	8%	CLOSED	0	5	42	47	3%	4106	8%	
Trout Brook Farm	CLOSED	80	798	923	17	49	1867	4%	CLOSED	7	59	26	92	5%	1959	4%	
S. Branch Pond	162	745	2779	3017	1366	471	8540	18%	8	46	113	94	261	15%	8801	18%	
Russell Pond	16	436	695	752	583	215	2697	6%	CLOSED	0	80	69	149	9%	2846	6%	
Chimney Pond	CLOSED	323	981	1036	735	383	3458	7%	CLOSED	141	239	275	655	37%	4113	8%	
Campground Total	1273	5966	13946	15125	8497	3471	48278	79%	30	259	788	685	1750	100%	50028	79%	
GROUP AREAS																	
Avalanche Field	37	383	681	847	481	157	2586	26%	C L O S E D							2586	26%
Foster Field	64	440	723	833	303	93	2456	25%	C L O S E D							2456	25%
Nesowadnehunk	CLOSED	158	906	573	88	77	1802	18%	C L O S E D							1802	18%
Trout Brook Farm	CLOSED	135	517	598	48	27	1325	13%	C L O S E D							1325	13%
Abol Scout Area	60	240	435	643	150	124	1652	17%	C L O S E D							1652	17%
Group Area Total	161	1356	3262	3494	1070	478	9821	16%	C L O S E D							9821	16%
OUTLYING SITES																	
S. Branch Pond	38	94	176	17	127	83	535	17%	C L O S E D							535	17%
Fowler	0	48	61	87	16	0	212	7%	C L O S E D							212	7%
Webster	0	87	189	237	48	8	569	18%	C L O S E D							569	18%
AT Shelter	1	40	157	224	78	62	562	18%	C L O S E D							562	18%
Davis	0	7	70	75	50	19	221	7%	C L O S E D							221	7%
Wassataquoik Area	0	134	195	192	147	54	722	23%	C L O S E D							722	23%
Mat.High Adv.	0	32	155	127	0	0	314	10%	C L O S E D							1018	10%
Outlying Total	39	442	1003	959	466	226	3135	5%	C L O S E D							3135	5%
TOT. CAMPER DAYS	1473	7764	18211	19578	10033	4175	61234	100%	30	259	788	685	1750	100%	62984	100%	
% OF PARK TOTAL	2%	12%	29%	31%	16%	7%	97%		0%	0%	1%	1%	3%		100%		

BAXTER STATE PARK
COMPARATIVE STATISTICS - CAMPER DAYS
 1988 - 1997

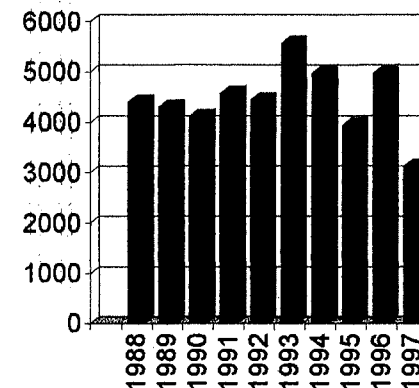
	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
Roaring Brook	7535	7653	7406	7664	10769	7450	7527	7660	7556	6972
Abol	5621	5691	5381	5601	5623	5707	5493	4236	5744	5294
Katahdin Stream	7382	7743	7223	7353	7654	7227	7148	7372	6828	6710
Daicey Pond	4871	4636	5138	4842	4428	5681	4072	4400	4149	4249
Kidney Pond	-	2179	3315	3826	4565	4654	4595	4934	4397	4432
Nesowadnehunk	4602	4223	4695	4425	4528	4631	3594	4294	4063	4059
Trout Brook Farm	2710	3077	2977	2650	2717	2537	2440	2395	2157	1867
South Branch Pond	9331	9380	9251	9610	9900	9587	8973	9595	9141	8540
Russell Pond	3028	2881	2961	2968	3029	2900	2959	2959	2901	2697
Chimney Pond	3756	3888	3812	3849	3973	3794	3966	3971	3968	3458
TOTAL	48836	51351	52159	52788	57186	54168	50767	51816	50904	48278
GROUP AREAS:										
Avalanche Field	3008	2968	3116	3110	3093	3033	2654	3210	3152	2586
Foster Field	3323	2627	2564	2690	2845	2772	2346	2824	2036	2456
Nesowadnehunk	1288	1959	1501	1667	1722	2124	2026	1943	1803	1802
Trout Brook Farm	1483	1714	1169	1331	1156	987	999	1127	1724	1325
Abol Scout Area	-	-	-	-	1500	1500	1243	1440	2400	1652
TOTAL	9102	9268	8350	8798	10316	10416	9268	10544	11115	9821
OUTLYING SITES:										
South Branch Area	501	565	678	649	803	758	820	868	856	535
Fowler Area	1005	1003	796	734	659	478	650	462	412	212
Webster Area	1491	1373	1315	1181	1514	1137	1259	1140	765	569
AT Shelter	171	393	386	484	414	887	626	839	655	562
Davis Pond Area	241	251	271	230	250	244	235	285	192	221
Wassataquoik Area	864	829	868	848	950	953	968	813	828	722
Matagamon High Adventure	-	-	-	-	-	-	1018	572	245	314
TOTAL	4273	4414	4314	4126	4590	4457	5576	4979	3953	3135
TOTAL SUMMER CAMPER DAYS	62211	65033	64823	65712	72092	69041	65611	67339	65972	61234
WINTER CAMPER DAYS	1622	1810	1895	2435	1868	1868	2124	2124	1913	1750

TOTAL CAMPER DAYS (61,234)

TOTAL CAMPERS (22,717)

2.69 DAYS PER CAMPER (Summer)

OUTLYING SITES USE
 1988 - 1997



BAXTER STATE PARK COMPARATIVE STATISTICS 1987 - 1997

GATEHOUSE STATISTICS:

PERSONS	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
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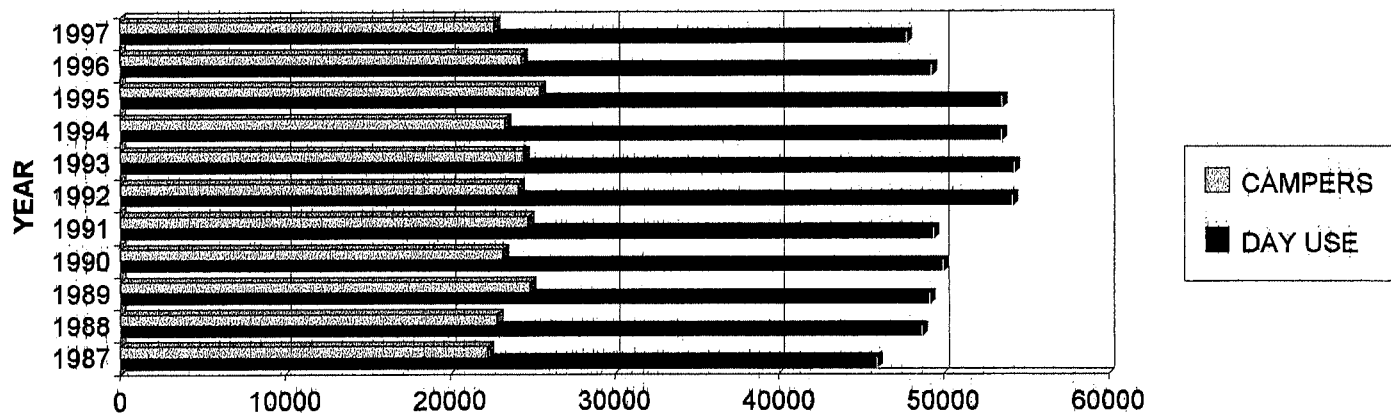
Resident	50612	46908	50440	46913	47306	48110	49673	47918	48361	43658	41722
Non-resident	31415	30679	30194	30622	32028	34417	33419	32619	34783	33925	32968
TOTAL	82027	77587	80634	77535	79334	82527	83092	80537	83144	77583	74690

Campers	22290	22877	24869	23205	24755	24197	24508	23362	25496	24362	22717
Day Use	45980	48746	49195	50012	49402	54208	54335	53579	53591	49313	47813
Transient	13013	5964	6570	4318	5177	4122	4249	3202	3776	3595	3855
Walk/Bike	-	-	-	-	-	-	-	394	281	313	305
K.P. Lodge	744	-	-	-	-	-	-	-	-	-	-
TOTAL	81283	77587	80634	77535	79334	82527	83092	80537	83144	77583	74690

VEHICLES	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
----------	------	------	------	------	------	------	------	------	------	------	------

Togue Pond	22387	21430	22094	22523	23436	27763	28055	26417	28294	26251	25578
Matagamon	4740	4584	4797	4858	4755	4783	4895	4920	5660	5519	6345
West Gate	2221	1484	1585	-	-	-	-	-	-	-	-
TOTAL	29348	27498	28476	27381	28191	32546	31950	31337	33954	31770	31923

GATE COUNT 1987 - 1997

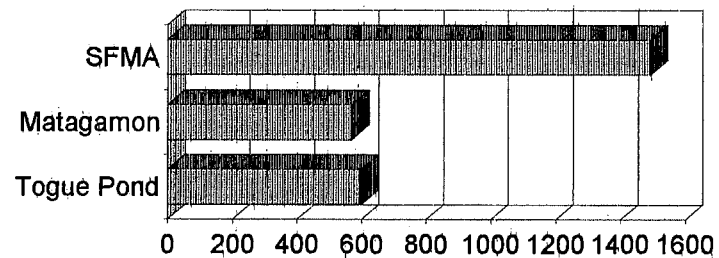


**BAXTER STATE PARK
GATE SELF-REGISTRATION OCT. - NOV. 1997**

OFF SEASON STATISTICS:

	PEOPLE PER MONTH			%
	OCT.	NOV.	TOTAL	BY GATE
Togue Pond	402	197	599	23%
Matagamon	190	379	569	21%
**SFMA	387	1105	1492	56%
Total	979	1681	2660	100%

**GATE SELF-REGISTRATION OCT. -
NOV. 1997**



F. FINANCIAL REPORT

**BAXTER STATE PARK
STATEMENT OF REVENUE AND EXPENDITURES
FISCAL YEAR ENDING JUNE 30, 1997**

BALANCE FORWARD JULY 1, 1996

\$164,598.49

REVNUE

PARK OPERATIONS

Recreational Use Fees	\$538,142.43
Transfer Fees	\$1,672.00
Entrance Fees	\$91,350.50
Miscellaneous Services	\$24,218.27
Sale of Maps, Books, etc.	\$22,464.09
Sale of Forest Products	\$130,000.00
Foreign Exchange Differential	\$15.42
Duplicate Fees	(\$5,909.48)
Overpayments Refunded	(\$4,416.87)

NET REVENUE FROM OPERATIONS

\$797,536.36

TRUST FUNDS

Boston Safe Deposit and Trust	\$1,135,451.00
State-Held Trust	\$80,081.57

NET REVENUE FROM TRUSTS

\$1,215,532.57

MISCELLANEOUS REVENUE

Interest on Investment	\$6,113.21
Special Licenses and Leases	\$117.00
Sale of Equipment	\$2,446.40
Miscellaneous Income	\$10.00

MISCELLANEOUS REVENUE

\$8,686.61

TOTAL REVENUE ALL SOURCES

\$2,021,755.54

TOTAL REVENUE AVAILABLE

\$2,021,755.54

EXPENDITURES

PERSONNEL SERVICES

Salaries, permanent	\$545,976.79
Salaries, seasonal	\$304,086.33
Overtime/Differential/Retro	\$63,779.73
Retirement Contribution	\$113,893.52
Other Benefits	\$256,465.61

TOTAL PERSONNEL SERVICES

\$1,284,201.98

ALL OTHER

Contractual Services	\$179,689.40
Park Operations - All Groups	\$400,152.28
Sta-Cap Charges	\$7,677.23

TOTAL ALL OTHER

\$587,518.91

CAPITAL

Buildings	\$126,627.89
Equipment	\$85,525.35
Purchases	\$0.00

TOTAL CAPITAL

\$212,153.24

TOTAL EXPENDITURES

\$2,083,874.13

BALANCE FORWARD JUNE 30, 1997

\$102,479.90



WILL M. CHASE, CIA
STATE AUDITOR

STATE OF MAINE
DEPARTMENT OF AUDIT

66 STATE HOUSE STATION
AUGUSTA, MAINE 04333-0066

TEL: (207) 624-6250
FAX: (207) 624-6273

RICHARD H. FOOTE, CPA
DEPUTY STATE AUDITOR
CAROL A. LEHTO CPA, CIA
DIRECTOR OF AUDITS
MICHAEL J. POULIN, CIA
DIRECTOR OF AUDITS

Independent Accountant's Report
on Applying Agreed-Upon Procedures

Mr. Irvin C. Caverly, Jr.
Director
Baxter State Park Authority
64 Balsam Drive
Millinocket, Maine 04462

Dear Mr. Caverly:

We have performed the procedures enumerated below, which were agreed to by the Baxter State Park Authority, solely to assist you with respect to operations in the areas of inventory, reservations and payroll. This engagement to apply agreed-upon procedures was performed in accordance with standards established by the American Institute of Certified Public Accountants. The sufficiency of the procedures is solely the responsibility of the specified users of the report. Consequently, we make no representation regarding the sufficiency of the procedures described below either for the purpose for which this report has been requested or for any other purpose.

Our procedures and results are as follows:

1. Agreed-Upon Procedure

We took a physical inventory at the Park Headquarters Building of paintings with indications that a person named "Day" had painted them and we recorded the description of each painting. We compared our physical inventory to the Park's inventory list of Maurice "Jake" Day paintings.

Results

We found ten paintings but only eight of these paintings were on the inventory list.

2. Agreed-Upon Procedure

We took a physical inventory of Park motor vehicles located at the Park Headquarters compound. We then compared the results of the physical inventory to a Baxter State Park vehicles listing that is maintained by the Park.

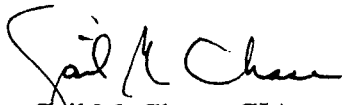
Results

We found no exceptions as a result of the procedures.

We were not engaged to, and did not, perform an examination, the objective of which would be the expression of an opinion on the inventories, reservation fee collections records and payroll records. Accordingly, we do not express such an opinion. Had we performed additional procedures, other matters might have come to our attention that would have been reported to you.

Also, we express no opinion on the Baxter State Park Authority's internal control over financial reporting or any part thereof.

This report is intended solely for the use of the Baxter State Park Authority and should not be used by those who have not agreed to the procedures and taken responsibility for the sufficiency of the procedures for their purposes. However, this report is a matter of public record and its distribution is not limited.



Gail M. Chase, CIA
State Auditor

December 1, 1997

Results

We observed nineteen motor vehicles in the compound, all of which were included on the listing.

3. Agreed-Upon Procedure

We took a physical inventory of Park owned trailers that were located at the Park Headquarters compound. We then compared the results of the physical inventory to a Baxter State Park Trailer Inventory listing that is maintained by the Park.

Results

We observed three trailers in the compound, all of which were on the listing.

4. Agreed-Upon Procedure

We tested seven batches of reservation fees from a haphazardly selected sample of collections made between January and April of 1997 to determine if we could trace collections to bank deposits and then trace the deposit amounts to the State Controller's records for proper amounts, proper classifications and proper reporting periods.

Results

We found no exceptions as a result of the procedures.

5. Agreed-Upon Procedures

We haphazardly selected six individual collections within the seven batches to determine that collections were at the authorized rates.

Results

We found no exceptions as a result of our procedure.

6. Agreed-Upon Procedure

We tested one haphazardly selected summer payroll that was paid in State fiscal year 1997. We selected a computerized random sample of 25% of the names on the payroll register to determine if: 1) employee time sheets had proper supervisory approval; 2) time sheets hours agreed with the payroll register; 3) the pay rates on the register agreed with the authoritative Human Resources Profile forms; and 4) that gross pay calculations on the payroll register were correct based on hours and pay rates.

G. DIRECTOR'S CONCLUDING REMARKS

G. DIRECTOR'S CONCLUDING REMARKS

The year ending 1997 proved to be a most eventful year. Projects projected for that duration were completed consistent with all expectations. We moved into the final stages of complying with the State's underground storage tank policies. A new bunkhouse was constructed at South Branch Pond, and the old one dismantled. Facilities at Abol Pond were upgraded, the West Branch lands were purchased and a criteria for management of those lands approved by the Authority, renovation work at Kidney Pond is nearly complete after about a 7-year period and upgrading of facilities and trails at Russell Pond, Center Mountain, Hudson Pond, Togue Pond, Slide Dam and other facilities throughout the Park are accomplished.

The Carry-in, Carry-out policy developed several years ago has been very effective, and we have removed from the Park 6.7 tons of trash this year vs. 17.2 tons from several years ago. The Volunteer Program is continuing with much interest and support from people all across Maine and neighboring states. We are nearly maxed out now in our capacity to expand for we maintain a realization that if the program is going to be successful, it needs to be well planned, managed and equipped, for it is not only important to get things done at the Park, but it is equally important that the volunteers themselves recognize and understand that their contribution has allowed the Park to accomplish, within its operation and public services, tasks that could not otherwise be achieved. Our Safety Program has excelled to the point that 1997 was a safe work place for Park employees and a reduction in our insurance costs are an example of that.

The involvement of the Park Director at the training session in Husson, MT developed several ideas for wilderness management which could be experimented with and built upon at BSP, some as minor as the experimenting with firepans at remote back country sites, others as extensive as reviewing fire plans under specific conditions for a let burn policy, the use of motorized equipment within the back country

In 1998 a specific Management Plan for the new lands consistent with the vote and policy statement of the BSP Authority will be a high priority for implementation. Handicap friendly facilities at roadside stations and picnic areas will be a major focus. Budget will allow the upgrading of equipment and the maintenance of existing facilities to the extent of some being minor and some being more extensive issues. A close working relationship continuing by staff with Advisory, Authority, volunteers and people who visit the Park is also of high priority, for as Governor Baxter said to me in a letter dated 1968, "We must not break faith with the people."

Law enforcement activities in 1997 have been consistent with Park policy, that being a large emphasis on information/education and low profile on enforcement. Trail work will continue to be a challenge throughout the decade, and I am delighted in 1997 we were able to move the paperwork forward, increasing the Trail Supervisor's job from seasonal to that of 52 weeks.

As each of you review this report, you will note that our agenda is extensive and the list goes on, for the many things that we would like to accomplish in any given year that are necessary and consistent with trust provisions and public service. Ours is a most interesting agenda, at times a formidable challenge, but a most constructive objective. To all of those who have joined the team, in whatever capacity, to accomplish these agendas, our sincerest appreciation.

Sincerely,

Buzz Caverly
Dir. B.S.P.

H. APPENDIX

BAXTER STATE PARK
AUTHORITY/ADVISORY LISTING
Effective 7/97

<u>AUTHORITY MEMBERS:</u>	<u>REAPPOINTMENT YEAR</u>	<u>ADDRESS:</u>	<u>TELE- PHONE</u>
CHARLES GADZIK, CHAIR MAINE FOREST SERVICE		Station #22 Augusta, ME 04333	287-2791
ANDREW KETTERER ATTORNEY GENERAL		Dept. of Atty. Gen. Station #6 Augusta, ME 04333	626-8800
LEE PERRY, COMMISSIONER INLAND FISHERIES & WILDLIFE		284 State St. Station #41 Augusta, ME 04333	287-8000

ADVISORY COMMITTEE MEMBERS:

1. FRANK CLUKEY CHAIR	98	20 Union St. East Mkt., ME 04430	(H)746-5395 (W)746-3553
2. JOHN F. LOYD, JR. VICE CHAIR	99	13 Pleasant St.-P.O. Box 40 Brunswick, ME 04011	(W)729-8722 (H)833-5007
3. DR. ROY L. FARNSWORTH	98	14 Hersey Hill Rd. Auburn, ME 04210	783-9936
4. RUPERT WHITE	Continuous	Kidder, Peabody & Co., Inc One City Center P.O. Box 7350 Portland, ME 04111	773-1721 800-439-6307
5. PAUL F. HAERTEL SUPERINTENDENT	Continuous	Acadia National Park P.O. Box 177 Bar Harbor, ME 04609	288-0374
6. ERIC BAXTER	Continuous	Hewins Travel 100 Commercial St. Portland, ME 04101	772-7252 800-370-0888
7. JOHN HOWARD	98	R. #2, Box 58 Orrington, ME 04474	825-3724
8. JOHN P. BIBBER	98	8 Blueberry lane Brunswick, ME 04011	725-6823

- | | | | | |
|-----|-----------------------|----|--|----------------------------------|
| 9. | RODNEY HANSCOM | 98 | 40 Fairfax St.
Bangor, ME 04401 | (H)942-1610
FAX947-8265 |
| 10. | PHILIP AHRENS | 99 | Pierce Atwood
One Monument Sq.
Portland, ME 04101 | (W)773-6411
(H) 846-9572 |
| 11. | DR. EDWARD DWYER, JR. | 99 | 8 Birch Meadow Rd.
Brunswick, ME 04011 | 729-1627 |
| 12. | SCOTT KONECNY | 99 | 3 Amoskegan Dr.
Brunswick, ME 04011 | (H)725-5062
(W)774-0022 |
| 13. | DAVID MICHAUD | 99 | 2 Elm St.
E. Millinocket, ME 04430 | 746-5581 |
| 14. | JIM GARLAND | 98 | The Jeffrey Co.
88 East Broad St., Suite 1560
Columbus, OH 43215 | 614-221-6115
Fax 614-221-0448 |
| 15. | VACANT | | | |

AD-HOC MEMBERS:

- | | | | |
|----|---|----|---|
| 1. | Gary Trask
RR2, Box 6840
East Holden, ME 04429
Tel: 843-6706 | 4. | Shirley Thaxter
Tomhegan Wilderness Resort
P.O. box 310
Rockwood, ME 04478-0310
Tel: 534-7712 |
| 2. | Rick Scribner
Rt. 1, Box 344A
Machias, ME 04654
Tel: 255-1204 | 5. | Dave Goodrich
22 Columbia St.
Houlton, ME 04730
Tel: (W) 532-6523
(H) 532-2817 |
| 3. | Don Hudson
Chewonki Foundation
Wiscasset, ME 04528
Tel: (W) 882-6523
(H) 532-2817 | 6. | Ben Townsend
Kozak, Gayer & Brodek
168 Capital St.
Augusta, ME 04330
Tel: (H) 582-5600 |

BAXTER STATE PARK
DIRECTOR'S RESEARCH COMMITTEE
MAILING LIST
Effective 10/97

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Dr. W. Donald Hudson, Jr.
Chewonki Foundation
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Jane Thomas
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Tel: 667-2087

John Albright
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Woodrow Thompson
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Maine Geological Survey
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Hank Tyler, Manager
Critical Areas Program
State Planning Office
State House Station#38
Augusta, ME 04333
Tel: 287-1489

George Matula, Supervisor
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BMHI Complex
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Tel: 941-4466
Fax: 941-4443

Stephen Oliveri
Pine Tree State Arboretum
P.O. Box 344
Augusta, ME 04332
Tel: (H) 487-2788
(W) 621-0031

Professor Dykstra Eusden
Geology Dept.
Bates College
Lewiston, ME 04240
Tel: 786-6152

Richard Dearborn, Entomologist
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(Effective 5/96)**

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